FINAL

Remedial Investigation Report for Near-Surface Soils

M-5 Landfill Site

U. S. Army Installation Fort Monmouth
Fort Monmouth, New Jersey

Directorate of Public Works

March 15, 2004

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EXECUTIVE SUMMARY

To demonstrate compliance equivalence of the existing soil cover over the M-5 Landfill Site with respect to the Solid Waste Disposal Act of 1965, DPW characterized the near-surface soils using 254 borings installed at strategic locations over the site. DPW performed soil borings and obtained soil samples between April1998 and August 1998. All soil samples were analyzed for Target Compound List (TCL) Organics + 30 parameters and Target Analyte List (TAL) metals. The data that exceeded the laboratory method detection limit (MDL) and/or the New Jersey Department of Environmental Protection (NJDEP) Residential Direct Contact Soil Cleanup Criteria (RDCSCC) are summarized in table form in this RIR. Where applicable and appropriate, the data were evaluated utilizing the "compliance averaging" approach to determine compliance with NJDEP RDCSCC.

Concentrations of VOCs, SVOCs, pesticides and PCBs and metals were detected exceeding the NJDEP RDCSCC. In all cases, further analysis of the analytical results did not define a "source area" or level of contamination that necessitated the identification and evaluation of potential remedial actions. In most cases, either the calculated compliance average was below the respective RDCSCC or the exceedence was considered marginal. However, to address the exceedences of analytes that did not meet cleanup criteria in the near surface soils, the DPW will incorporate a document equivalent to a Declaration of Environmental Restriction (DER) into the Fort Monmouth Master Plan for soils at the site. The Army is requesting a ***No Further Action*** determination for these parameters. The DER equivalent may be developed for the entire M-5 Landfill Site or be restricted to specific areas of the site and specific analytes, as identified in this document.

Given the inactive and undisturbed status of the landfill, the continued performance of long-term surface water and groundwater monitoring proximate to the M-5 Landfill Site, the minimal potential for environmental and/or human health impacts, the lack of groundwater uses at or downgradient of the site, and the distribution, occurrence and relatively low concentrations of contaminants of concern (COCs), ***No Further Action*** is recommended for the near-surface soils at the M-5 Landfill Site.

1.0 INTRODUCTION

Versar, Inc. (Versar) has been contracted by the United States (U.S.) Army Fort Monmouth, Directorate of Public Works (DPW), Fort Monmouth, New Jersey to prepare a Remedial Investigation Report (RIR) for the M-5 Landfill Site. The M-5 Landfill Site is located on the western portion of the Main Post of Fort Monmouth. This RIR presents a compilation of the results of remedial investigation conducted at the M-5 Landfill Site for near-surface soils and has been prepared in partial fulfillment of Contract No. DACA 51-00-D-004, Delivery Order No. 0004.

1.1 Objectives

The objective of this RIR is to define shallow soil conditions at the M-5 Landfill Site as proposed in DPW's letter, dated July 7, 1998 and approved by the NJDEP in correspondence dated August 10, 1998 (**Appendix A** and **Appendix B**). The remedial investigation was conducted in accordance with NJDEP Technical Requirements for Site Remediation (July 1999), NJAC 7:26E, et seq.

The remedial investigation and subsequent preparation of the RIR encompassed the following:

- Characterization of shallow subsurface soils through soil sampling and laboratory analysis.
- Comparison of the soil sample analytical results with the NJDEP RDCSC.
- Evaluation of each of the analytes found to exceed the RDCSCC using the compliance averaging approach and discussion of site-specific conditions.

1.2 Report Organization

This report is organized to minimize repetition. The findings of the Roy F. Weston, Inc. (Weston) report entitled, *Site Investigation, Fort Monmouth, New Jersey, Main Post and Charles Wood Areas, Site Investigation Report* (December 1995), were used as the basis for this remedial investigation program. **Section 2.0** provides background information and a general description of the M-5 Landfill Site located at Fort Monmouth. **Section 3.0** describes and summarizes the soil sampling activities conducted at the M-5 Landfill Site. **Section 4.0** presents the soil sample analytical results and compliance analysis**.** The sample collection information, sample results and analyses presented in this RIR were incorporated into a proprietary relational database designed to manage sample data and eliminate errors in cross-referencing information between data tables in this section. Recommendations are presented in **Section 5.0**. References used to prepare this report are listed in **Section 6.0**.

2.0 SITE BACKGROUND AND ENVIRONMENTAL SETTING

The following sections describe the site background and environmental setting of the area surrounding Fort Monmouth and the M-5 Landfill Site. Included is a description of the site location, history, current conditions and environmental setting.

2.1 Site Location and Description

Fort Monmouth is located in the central-eastern portion of New Jersey in Monmouth County, approximately 45 miles south of New York City and 70 miles northeast of Philadelphia (**Figure 2-1**). In addition to the Main Post, the installation includes two subposts, the Charles Wood Area and the Evans Area. The Main Post encompasses approximately 2540 acres and is generally bounded by State Highway 35, Parkers Creek, Lafetra Creek, the New Jersey Transit Railroad and a residential area to the south. The post was established in 1918 during World War I (WWI) as an Army Signal Corps training center. The Main Post currently provides administrative, training, and housing support functions, as well as providing many of the community facilities for Fort Monmouth. The primary mission of Fort Monmouth is to provide command, administrative, and logistical support for Headquarters, U.S. Army Communications and Electronics Command (CECOM). CECOM is a major subordinate command of the U.S. Army Materiel Command (AMC) and is the host tenant at Fort Monmouth.

The M-5 Landfill was a former historic fill site located on the northwest corner of the intersection of North Drive and Wilson Avenue and is bordered by Mill Creek and Parkers Creek to the west in the Main Post Area. The historic fill reportedly contained automobiles as well as for domestic and industrial wastes. The approximate size of the M-5 Landfill Site area is 138,200 feet^2 (3.2 acres). Based on historical research, the period of operation of the fill site was approximately 1952 to 1959.

2.2 Site Background

The U.S. Army Corps of Engineers (USACE), Baltimore District, initially contracted Roy F. Weston, Inc. (Weston) to perform a field investigation at Fort Monmouth, New Jersey. This investigation was conducted at two separate areas of Fort Monmouth, the Main Post and the Charles Wood areas. Suspected hazardous waste sites were initially identified at Fort Monmouth in a report prepared by the U.S. Army Toxic and Hazardous Materials Agency (USATHAMA, 1980). The USATHAMA report identified 37 sites with known or suspected waste materials on the Main Post and the two subposts (Charles Wood and Evans Area). A background investigation was conducted by Weston of the 37 sites and eight additional sites that were identified by Fort Monmouth and the NJDEP. Weston's findings were described in a report titled, *Investigation of Suspected Hazardous Waste Sites at Fort Monmouth, New Jersey* (1993). In this background report, additional investigations (including sampling and other field work) were recommended at 22 of the sites on the Main Post and Charles Wood areas, including the M-5 Landfill Site. NJDEP

approved the recommendations on April 20, 1995. Additional investigations were also recommended at the Evans Area, and such investigations are being completed under the Base Realignment and Closure (BRAC) program.

The 1995 Weston SI report presents the results of field investigation activities that were performed at 13 sites at the Main Post Area and eight sites at the Charles Wood Area. The results of the investigation of the M-5 Landfill Site are included in the Weston SI report. Initial field investigation activities were performed between November 1994 and March 1995. The field investigation activities included groundwater monitoring well installation and sampling. The Weston SI report was used as the basis for the supplemental remedial investigations described in the following sections of this report.

Lithologic data collected from the soil borings indicated that the overburden material consisted of a thin soil cover, approximately 0.5 feet, overlaying fill material consisting of coal, glass and plastic fragments intermixed with a silty sand and clay matrix.

2.3 Environmental Setting

The following is a description of the geological/hydrogeological setting of the area surrounding the M-5 Landfill Site. Included is a description of the regional geology of the area surrounding Fort Monmouth, as well as descriptions of the local geology and hydrogeology of the Main Post Area.

2.3.1 Regional and Local Geology

Monmouth County lies within the New Jersey Section of the Atlantic Coastal Plain physiographic province. The M-5 Landfill Site is located in what is referred to as the Outer Coastal Plain subprovince, or the Outer Lowlands. The geologic map of New Jersey is provided as **Figure 2-2**.

In general, New Jersey Coastal Plain formations consist of a seaward-dipping wedge of unconsolidated deposits of clay, silt, sand and gravel. These formations typically strike northeast-southwest with a dip ranging from 10 to 60 feet per mile and were deposited on Precambrian and lower Paleozoic rocks (Zapecza, 1989). These sediments, predominantly derived from deltaic, shallow marine and continental shelf environments, date from Cretaceous through the Quaternary Periods. The mineralogy ranges from quartz to glauconite.

The formations record several major transgressive/regressive cycles and contain units, which are generally thicker to the southeast and reflect a deeper water environment. More than 20 regional geologic units are present within the sediments of the Coastal Plain. Regressive, upward coarsening deposits are usually aquifers (e.g., Englishtown and Kirkwood Formations and the Cohansey Sand), while the transgressive deposits act as confining units (e.g., the Merchantville, Marshalltown and Navesink Formations). The individual thickness for these units varies greatly (e.g., from several feet to several hundred feet). The Coastal Plain deposits thicken to the southeast from the Fall Line

(e.g., a boundary zone between older, resistant rocks and younger, softer plain sediments) to greater than 6,500 feet in Cape May County (Brown and Zapecza, 1990).

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

The Tinton Sand conformably overlies the Red Bank Sand and ranges from a clayey medium to very coarse-grained feldspathic-quartz and glauconite-sand to a glauconitic-coarse sand. The color varies from dark yellowish orange or light brown to moderate brown and from light olive to grayish olive. Glauconite may constitute 60 to 80 percent of the sand fraction in the upper part of the unit. The upper part of the Tinton is often highly oxidized and iron oxide encrusted (Minard, 1969). Groundwater occurs beneath the site at a depth of approximately 2 to 12 feet bgs.

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

As presented in the *Site Investigation Report - Main Post and Charles Wood Areas, Fort Monmouth, New Jersey*, prepared by Weston, Inc, December 1995 (Weston SI), several natural and anthropogenic factors contribute to the wide range in concentrations of metals in soils, which further impact the concentration of metals in groundwater. Soils derived from the glauconitic sands contain abundant aluminum, calcium, potassium, iron, magnesium and manganese (among others), which are likely to be present at elevated concentrations in the groundwater, particularly when sediments are entrained in the collected groundwater samples.

As presented in the Weston SI Report (relevant portions presented in **Appendix C**), the lithologic logs from monitoring well installations indicate that the lithology at the M-5 Landfill Site consists of a thin soil cover (0.5 feet) underlain by fill material. The components of the fill materials observed in the borings consist of coal, glass and plastic fragments intermixed with a silty sand and clay matrix. Groundwater saturation was observed at approximately 4 feet below ground surface (bgs) across the site. Water-level elevation data collected during the Weston SI indicates that local groundwater flow is consistently to the west toward Mill Creek.

2.3.2 Hydrogeology

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

The water table aquifer in the Main Post Area is identified as part of the "Navesink-Hornerstown Confining Units," or minor aquifers. The minor aquifers include the Navesink formation, Red Bank Sand, Tinton Sand, Hornerstown Sand, Vincentown Formation, Manasquan Formation, Shark River Formation, Piney Point Formation and the basal clay of the Kirkwood Formation. These geologic formations comprise a "Composite Confining Bed" for the Wenonah Mount Laurel Aquifer (Zapecza, 1984).

Wells installed in the Red Bank and Tinton Sands produce 2 to 25 gallons per minute (gpm) (Jablonski, 1968). Groundwater is typically encountered at the Main Post and in the surrounding areas at shallow depths below ground surface (2 to 9 feet bgs). Water in the surficial aquifer generally flows east toward the Atlantic Ocean.

Based on a review of the NJDEP GWQS (NJAC 7:9-6), January 7, 1993, Versar has determined that the site is underlain by a Class III-A aquifer. A formal presentation of this finding was made to the NJDEP on April 17, 2001. The primary designated use for Class III-A groundwater is the release or transmittal of groundwater to adjacent classification areas and surface water, as relevant. Secondary designated uses in Class III-A include any reasonable use.

Shallow groundwater may be locally influenced within the Main Post Area by the following factors:

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

Due to the fluvial nature of the overburden deposits (e.g., sand and clay lenses), shallow groundwater flow direction is best determined on a case-by-case basis.

2.3.3 Soils

According to the U.S. Department of Agriculture (USDA), Soil Conservation Service, Monmouth County Soil Survey, the majority of the Main Post is covered by urban land (**Figure 2-3**). The soil survey described urban land as areas where concrete, asphalt, buildings, shopping centers, airports or other impervious surfaces cover 80 percent or more of the surface. In addition, the survey indicated that the natural subsurface soils have largely been replaced with artificial or foreign fill materials (developed land with disturbed soils). The following soil series and classification units are mapped in the Main Post Area:

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

The Downer series soils are well-drained soils that are found on uplands and terraces. The soils are formed in acid, silty coastal plain sediments. The Freehold soils are also well drained and are formed in acid, loamy, coastal plain sediments that, by volume, are one to 10 percent glauconite and are found on uplands. The Humaquepts soils are somewhat poorly- to very poorly-drained soils that are formed in stratified, sandy, or loamy sediments of fluvial origins. The Humaquepts soils are located on the floodplain and are subject to flooding several times each year. The Kresson loam is a nearly level to gently sloping soil and is somewhat poorly drained. The soil is found on low divides and in depressions. The Udorthents soils have been altered by excavation or filling activities. In filled areas, these soils consist of loamy material that is more than 20 inches thick. The filled areas include floodplain, tidal marshes and areas with moderately well drained to very poorly drained soils. Some Udorthent soils contain concrete, asphalt, metal and glass. The soils in the vicinity of the M-12 Landfill Site are classified as UA – Udorthents, smoothed, which may also include old sand and gravel pits that have been smoothed or filled in (Weston, 1995).

2.3.4 Topography and Surface Drainage

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

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

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

The M-5 Landfill Site is located on the east side of Mill Creek, which flows eastward into Parkers Creek. The USGS topographic map (**Figure 2-1**) shows that the land surface of the site is relatively flat at an elevation of less than 20 feet amsl. Surface water runoff from the M-5 Landfill Site is likely to flow west into Mill Creek.

3.0 SITE ACTIVITIES

The DPW conducted this remedial investigation in accordance that the NJDEP Technical Requirements for Site Remediation (N.J.A.C. 26:E) to characterize near surface soils and assess potential risks to human health or the environment. The remedial investigation activities consisted of the collection of near-surface soil samples at the M-5 Landfill Site. Remedial investigation activities were performed between April 1998 and August 1998. These activities were managed by the Fort Monmouth DPW and performed by TECOM-Vinnell Services (TVS). The details of remedial investigation activities that occurred at the M-5 Landfill Site are described below.

The DPW characterized the near-surface soils at the M-5 Landfill Site by completing 254 borings (B01-B254) at the site. Samples were collected using a 2-inch Geoprobe® Macrocore sampler. Sampling activities were performed in accordance with the *Fort Monmouth Standard Sampling Operating Procedure* (December 1997). A total of 508 soil samples were collected from the 254 borings and were analyzed for the presence of VOCs, SVOCs, pesticides, PCBs and TAL metals. The soil boring locations were located in and around the M-5 Landfill Site as identified in the Weston SI (1995). The locations of the borings were established in a grid-like pattern within the previously designated boundaries of the M-5 Landfill Site.

Each of the soil samples, except those prepared for VOC analysis, were collected between approximately 0 and 12 inches bgs. VOC samples were taken at approximately 24 inches bgs since surface soils would not be expected to retain volatile constituents over time.

Laboratory analyses of the samples collected at the M-5 Landfill Site were conducted at the Fort Monmouth Environmental Testing Laboratory (FMETL), a New Jersey certified laboratory (Certification No. 13461). The locations of these 254 borings are shown in **Figure 3-1**. A summary of the soil sample collection information and analyses performed is provided in **Table 3-1**. Soil sample laboratory data sheets are provided in **Appendix D**. Soil boring logs are presented in **Appendix E**. Soil analytical results are discussed in **Section 4.0**.

4.0 SOIL SAMPLING RESULTS AND COMPLIANCE ANALYSIS

A summary of the laboratory analytical results for near-surface soils at the M-5 Landfill Site is discussed below. The results were compared with the Cleanup Standards for Contaminated Sites (N.J.A.C. 7:26D), which was revised with Soil Cleanup Criteria dated May 12, 1999. The soil analytical results are presented by analyte (VOCs, SVOCs, Pesticides and PCBs and TAL Metals) and compare the analytical data with the NJDEP RDCSCC. Exceedences of the RDCSCC were subjected to further evaluation involving compliance averaging and site-specific considerations. All of the soil sample results in this report are expressed in milligrams per kilogram (mg/kg), equivalent to parts per million (ppm).

4.1 Soil Analytical Results

The analytical results from the 508 soil samples collected from 254 borings at the M-5 Landfill Site are discussed below, and are included in **Table 4-1**. The soil analytical data is provided in **Appendix D**. The data presented in **Table 4-1** are compared to the RDCSCC. Soil samples from the 254 borings at the M-5 Landfill Site were analyzed for VOCs, SVOCs, pesticides and PCBs and metals. The results that exceeded the respective RDCSCC are shaded in **Table 4-1**.

4.1.1 VOCs

VOC analyses were conducted on soil samples collected from the 254 soil borings at the M-5 Landfill Site (see **Figure 4-1**). Each of these soil samples was collected at approximately the same depth range, 24 inches bgs.

Soil cleanup criteria for VOCs were exceeded in two of the 254 soil boring locations. The borings that presented exceedences of VOCs are listed in **Table 4-2**. One VOC was detected in site soils at concentrations above the RDCSCC. The one VOCs that exceeded the RDCSCC is, with number of exceedences in parentheses, Tetrachloroethene (2). **Table 4-3** presents a summary of the results, identifying the maximum, minimum and average exceedences for this parameter. A discussion of these exceedences is presented below.

- Tetrachloroethene was detected in two of the site soil samples above the RDCSCC of 4.0 mg/kg. The exceedence concentrations ranged from a minimum of 4.8 mg/kg (B23) to a maximum of 5.0 mg/kg (B15). The average exceedence concentration for Tetrachloroethene is 4.90 mg/kg.

4.1.2 SVOCs

SVOC analyses were conducted on soil samples collected from the 254 soil borings at the M-5 Landfill Site (see **Figure 4-2**). Each of these soil samples was collected at approximately the same depth range, 6-12 inches bgs.

Soil cleanup criteria for SVOCs were exceeded in 17 of the 254 soil boring locations. The borings that presented exceedences of SVOCs are listed in **Table 4-2**. Seven SVOCs were detected in site soils at concentrations above the RDCSCC. The seven SVOCs that exceeded the RDCSCC are, with number of exceedences in parentheses, Benzo(a)anthracene (11), Benzo(a)pyrene (17), Benzo(b)fluoranthene (10), Benzo(k)fluoranthene (10), Chrysene (3), Dibenz(a,h)anthracene (4), and Indeno(1,2,3-cd)pyrene (7). **Table 4-3** presents a summary of the results, identifying the maximum, minimum and average exceedences for each of these parameters. A discussion of these exceedences is presented below.

- Benzo(a)anthracene was detected in 11 of the site soil samples above the RDCSCC of 0.9 mg/kg. The exceedence concentrations ranged from a minimum of 0.97 mg/kg (B72) to a maximum of 14 mg/kg (B220). The average exceedence concentration for Benzo(a)anthracene is 4.369 mg/kg.

- Benzo(a)pyrene was detected in 17 site soil samples above the RDCSCC of 0.66 mg/kg. The exceedence concentrations ranged from a minimum of 0.67 mg/kg (B26, B42) to a maximum of 11 mg/kg (B84). The average exceedence concentration for Benzo(a)pyrene is 2.405 mg/kg.

- Benzo(b)fluoranthene was detected in ten of the site soil samples above the RDCSCC of 0.9 mg/kg. The exceedence concentrations ranged from a minimum of 1.1 mg/kg (B218) to a maximum of 9.5 mg/kg (B220). The average exceedence concentration for Benzo(b)fluoranthene exceedences is 3.69 mg/kg.

- Benzo(k)fluoranthene was detected in ten of the site soil samples above the RDCSCC of 0.9 mg/kg. The exceedence concentrations ranged from a minimum of 1.2 mg/kg (B218, B72) to a maximum of 8.8 mg/kg (B84). The average exceedence concentration for Benzo(k)fluoranthene is 2.60 mg/kg.

- Chrysene was detected in three site soil samples above the RDCSCC of 9.0 mg/kg. The exceedence concentrations ranged from a minimum of 9.7 mg/kg (B92) to a maximum of 25 mg/kg (B220). The average exceedence concentration for Chrysene is 18.567 mg/kg.

- Dibenz(a,h)anthracene was detected in four site soil samples above the RDCSCC of 0.66 mg/kg. The exceedence concentrations ranged from a minimum of 1.0 mg/kg (B71) to a maximum of 2.9 mg/kg (B84). The average exceedence concentration for Chrysene is 1.70 mg/kg.

- Indeno(1,2,3-cd)pyrene was detected in seven of the site soil samples above the RDCSCC of 0.9 mg/kg. The exceedence concentrations ranged from a minimum of 1.2 mg/kg (B27) to a maximum of 4.9 mg/kg (B84). The average exceedence concentration for Indeno(1,2,3-cd)pyrene is 2.343 mg/kg.

4.1.3 Pesticides and PCBs

Pesticide and PCB analyses were conducted on soil samples collected from the 254 borings at the M-5 Landfill Site (see **Figure 4-3**). Each of these soil samples was collected at approximately the same depth range, 6-12 inches bgs. Each of the 254 borings was analyzed for 19 pesticides and seven PCB compounds.

Soil cleanup criteria for pesticides were exceeded in nine of the 254 soil boring locations. The borings that presented exceedences of pesticides are listed in **Table 4-2**. Four pesticides were detected in site soils at concentrations above the RDCSCC. The four pesticides that exceeded the RDCSCC are, with number of exceedences in parentheses, 4,4'-DDD (1), 4,4'-DDE (3), 4,4'-DDT (9), and Dieldrin (1). **Table 4-3** presents a summary of the results, identifying the maximum, minimum and average exceedences for each of these parameters. A discussion of these exceedences is presented below.

- 4,4'-DDD was detected in one site soil sample above the RDCSCC of 3.0 mg/kg at a concentration of 3.787 mg/kg (B254).

- 4,4'-DDE was detected in three of the site soil samples above the RDCSCC of 2.0 mg/kg. The exceedence concentrations ranged from a minimum of 2.058 mg/kg (B59) to a maximum of 4.185 mg/kg (B254). The average exceedence concentration for 4,4'-DDE is 3.191 mg/kg.

- 4,4'-DDT was detected in nine of the site soil samples above the RDCSCC of 2.0 mg/kg. The exceedence concentrations ranged from a minimum of 2.094 mg/kg (B251) to a maximum of 56.446 mg/kg (B254). The average exceedence concentration for 4,4'-DDT is 13.425 mg/kg.

- Dieldrin was detected in one site soil sample above the RDCSCC of 0.042 mg/kg at a concentration of 0.049 mg/kg (B239).

Soil cleanup criteria for PCBs were exceeded in one of the 254 soil boring locations. The boring that presented exceedences of PCBs are listed in **Table 4-2**. One PCB was detected in site soils at concentrations above the RDCSCC. The one PCB that exceeded the RDCSCC is, with number of exceedences in parentheses, Arochlor 1254 (1). **Table 4-3** presents a summary of the results, identifying the maximum, minimum and average exceedences for this parameter. A discussion of these exceedences is presented below.

- Arochlor 1254 was detected in one site soil sample above the RDCSCC of 0.49 mg/kg at a concentration of 1.499 mg/kg (B201).

4.1.4 Metals

The soil samples from the 254 borings (see **Figure 4-3**) were analyzed for 24 TAL metals. The samples were collected from depths of 6-12 inches. A total of seven metals were detected at concentrations above their respective RDCSCC at 28 of 254 boring locations. The borings that contained exceedences of metals are listed in **Table 4-2**. The seven metals that exceeded the RDCSCC in the borings are, with the number of exceedences in parentheses, Arsenic (9), Beryllium (3), Copper (4) Lead (15), Mercury (1), Nickel (1), Thallium (1) and Zinc (3). **Table 4-3** presents a summary of the results, presenting the maximum, minimum and average exceedences for each of these parameters. A discussion of these exceedences is presented below.

- Arsenic was detected in nine of the site soil samples above the RDCSCC of 20 mg/kg. The exceedence concentrations ranged from a minimum of 20.13 mg/kg (B02) to a maximum of 1,030 mg/kg (B19). The average exceedence concentration for Arsenic is 164.416 mg/kg.

- Beryllium was detected in three of the site soil samples above the RDCSCC of 2.0 mg/kg. The exceedence concentrations ranged from a minimum of 2.05 mg/kg (B254) to a maximum of 10.89 mg/kg (B35). The average exceedence concentration for Beryllium is 5.909 mg/kg.

- Copper was detected in four of the site soil samples above the RDCSCC of 600 mg/kg. The exceedence concentrations ranged from a minimum of 1,168 mg/kg (B99) to a maximum of 2,837 mg/kg (B09). The average exceedence concentration for Copper is 1,965.75 mg/kg.

- Lead was detected in 15 of the site soil samples above the RDCSCC of 400 mg/kg. The exceedence concentrations ranged from a minimum of 494 mg/kg (B199) to a maximum of 4,549 mg/kg (B99). The average exceedence concentration for Lead is 1,357.733 mg/kg.

- Mercury was detected above the RDCSCC of 14 mg/kg in one site soil sample at a concentration of 17.584 mg/kg (B59).

- Nickel was detected above the RDCSCC of 250 mg/kg in one site soil sample at a concentration of 431 mg/kg (B242).

- Thallium was detected above the RDCSCC of 2.0 mg/kg in one site soil sample at a concentration of 47.42 mg/kg (B35).

- Zinc was detected in three of the site soil samples above the RDCSCC of 1,500 mg/kg. The exceedence concentrations ranged from a minimum of 1,598 mg/kg (B44) to a maximum of 9,772 mg/kg (B99). The average exceedence concentration for Zinc is 4,393.0 mg/kg.

4.2 Compliance Analysis Method

The first step in determining compliance with the NJDEP Technical Requirements for Site Remediation (7:26E) at the M-5 Landfill Site was to complete the soil sampling analysis. The analytical results from the 508 soil samples collected from 254 borings at the M-5 Landfill Site are discussed above and are included in **Table 4-1**. The method used to determine regulatory compliance is portrayed as a decision tree in **Figure 4-5** and described below.

Figures 4-1, **4-2**, **4-3** and **4-4** present the analytical results for VOCs, SVOCs, pesticides and PCBs and metals, respectively, by soil boring, for those analytes that exceeded the RDCSCC at one or more locations. The results for each analyte presented are uniquely colored at each boring location, and results that exceed the respective RDCSCC have been "boxed" in "red." These results are discussed in greater detail in **Section 4.2**. The borings that contained exceedences of the RDCSCC are shown in **Table 4-2**.

For many of the analytical results that exceeded the RDCSCC, the "compliance averaging" approach was then used to determine compliance with NJDEP technical requirements. Compliance averaging uses the average contaminant concentration in an area of concern rather than the contaminant concentration of individual samples for comparison to applicable soil cleanup criteria. The NJDEP policy for compliance averaging is presented in an article entitled, *Compliance Averaging*, from the NJDEP Spring 1995 (Volume 7, No. 2 – Article 08) issue of *Site Remediation News*.

There are several analyte-specific conditions that determine whether compliance averaging can be applied to an exceedence of NJDEP soil cleanup criteria, including maximum analytical results ("ceilings") for individual samples based on the particular NJDEP criterion, as well as specific requirements for arsenic, thallium, beryllium, Benzo(a)pyrene and Dibenz(a,h)anthracene. The compliance analysis method used for the M-5 Landfill Site for each detected analyte that exceeded the respective RDCSCC is summarized in the last column in **Table 4-4**.

Compliance averaging was performed for analytes that met the requirements as summarized in **Figure 4-5**. Compliance average areas were identified within the M-5 Landfill Site based on analyte category (such as VOCs, SVOCs, etc.). The boundaries for these areas of concern were based on areas within that M-5 Landfill Site that presented exceedences of the RDCSCC. Soil borings outside of the areas of concern (referred to as "clean areas" in NJDEP, 1995) presented contaminant concentrations below the RDCSCC and were not included in calculating compliance averages. The boundaries of the compliance average areas are shown in **Figures 4-1** (VOCs), **4-2**

(SVOCs), **4-3** (pesticides and PCBs) and **4-4** (metals). The compliance average area names are shown in **Appendix F**. The compliance average area names are defined according to the analyte category, such as "AREA VOC-1." When calculating average results, the following rules applied:

1) One-half the MDL was used for non-detect (ND) results.
2) If a sample was diluted, ND results were not used in computing the average.
3) For estimated results (results with "J" qualifiers), the estimated result was used for computing the averages.
4) Compliance averages were calculated as the mean of the results incorporating the ND and estimated results described above.

The compliance averages areas are presented in **Appendix F** and summarized in **Table 4-5**. Compliance averages that were below the NJDEP criteria for a particular analyte justify a recommendation for No Further Action. No Further Action was also justified if a compliance average meets the following conditions for *de minimus* exceedence:

1) Compliance averages met the same analyte-specific conditions that are used for determining whether compliance averaging can be applied,
2) Contaminant concentrations were found within a limited area (for the M-5 Landfill Site, a 15-foot radius, or one-half the grid-spacing, was used for the *de minimus* area determination),
3) Evaluation of contaminant mass, persistence, and location indicated limited potential for significant human health or environmental impacts, and
4) There can only be one *de minimus* exemption per area of concern.

Finally, if an analyte did not meet the *de minimus* conditions, or did not meet the analyte-specific conditions required to perform compliance averaging, additional site-specific parameters were considered as conditions for a No Further Action proposal. If further analysis of the analytical results did not define a "source area" or level of contamination that necessitated the identification and evaluation of potential remedial actions, then the exceedence was considered marginal, or an isolated location and no further action is warranted for the near surface soils. However, to further address the exceedences in the near surface soils, the DPW will incorporate a document equivalent to a DER into the Fort Monmouth Master Plan for soils at the M-5 Landfill Site presenting the exceedence.

4.3 Compliance Analysis

The Compliance analysis method used to evaluate exceedences of the RDCSCC is presented in **Table 4-4,** and the discussion below is presented for VOCs, SVOCs, pesticides and PCBs and metals and compares the analytical data with the RDCSCC. **Table 4-5** summarizes the compliance averaging results. A summary of the compliance analysis for analytes that exceeded the RDCSCC is provided in **Table 4-6**.

4.3.1 VOCs

One VOC was detected in site soils at concentrations above its respective RDCSCC: Tetrachloroethene. For the purposes of compliance analysis, the sample locations with exceedences of the RDCSCC for VOCs have been grouped into one area, AREA VOC-1. The borings contained within this compliance average area are labeled in **Figure 4-1** and listed in **Appendix F**. The compliance analysis method for these compounds is presented in **Table 4-4**.

Tetrachloroethene (AREA VOC-1)

Tetrachloroethene was detected in two of the site soil samples above the RDCSCC of 4.0 mg/kg at concentrations ranging from 4.8 mg/kg to 5.0 mg/kg (average exceedence concentration of 4.90 mg/kg).

Compliance averaging conducted for Tetrachloroethene in AREA VOC-1 yielded the compliance average concentration of 3.247 mg/kg. Therefore, the compliance average for Tetrachloroethene in AREA VOC-1 is below the RDCSCC of 4.0 mg/kg and is not of concern.

These findings support a No Further Action determination for Tetrachloroethene in near-surface soils at the M-5 Landfill Site.

4.3.2 SVOCs

Seven SVOCs were detected in site soils at concentrations above their respective RDCSCC: Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Chrysene, Dibenz(a,h)anthracene and Indeno(1,2,3-cd)pyrene. For the purposes of compliance analysis, the sample locations with exceedences of the RDCSCC for SVOCs have been grouped into one area, AREA SVOC-1. The borings contained within this compliance average area are labeled in **Figure 4-2** and listed in **Appendix F**. The compliance analysis method for these compounds is presented in **Table 4-4**.

Benzo(a)anthracene (AREA SVOC-1)

Benzo(a)anthracene was detected in 11 of the site soil samples above the RDCSCC of 0.9 mg/kg at concentrations ranging from 0.97 mg/kg to 14 mg/kg (average exceedence concentration of 4.369 mg/kg). Because the maximum concentration of Benzo(a)anthracene was greater than the 10X ceiling limit of 9 mg/kg in AREA SVOC-1, compliance averaging was not appropriate for Benzo(a)anthracene for this area of the M-5 Landfill Site.

Due to the limited presence of Benzo(a)anthracene in the area of the M-5 Landfill Site identified as AREA SVOC-1 at concentrations that are both above the RDCSCC and inappropriate for compliance averaging, the DPW will incorporate a document equivalent

to a DER into the Fort Monmouth Master Plan. The DER equivalent will apply to soils presenting exceedences of Benzo(a)anthracene at the M-5 Landfill Site (AREA SVOC-1) and will be protective of human health and the environment. The DER equivalent supports a No Further Action determination for Benzo(a)anthracene in near-surface soils at the M-5 Landfill Site.

Benzo(a)pyrene (AREA SVOC-1)

Benzo(a)pyrene was detected in 17 site soil samples above the RDCSCC of 0.66 mg/kg at concentrations ranging from 0.67 mg/kg to 11 mg/kg (average exceedence concentration of 2.405 mg/kg). Compliance averaging was not undertaken for Benzo(a)pyrene because, as described in the Spring 1995 *Site Remediation News* (Volume 7, Number 2), NJDEP's guidance regarding the use of multiplication factors (initially applied to RDCSCCs to limit the maximum allowable concentration for individual samples) had changed. NJDEP's current guidance is to apply the multiplication factors to health based criteria, not RDCSCC. The health-based criteria for Benzo(a)pyrene in soil is 0.09 mg/kg. Applying the 10X factor to 0.09 mg/kg means that no individual sample may exceed 0.9 mg/kg for the purposes of compliance averaging. Therefore, compliance averaging was not appropriate for the M-5 Landfill Site with respect to Benzo(a)pyrene.

Due to the limited presence of Benzo(a)pyrene in the area of the M-5 Landfill Site identified as AREA SVOC-1 at concentrations that are both above the RDCSCC and inappropriate for compliance averaging, the DPW will incorporate a document equivalent to a DER into the Fort Monmouth Master Plan. The DER equivalent will apply to soils presenting exceedences of Benzo(a)pyrene at the M-5 Landfill Site (AREA SVOC-1) and will be protective of human health and the environment. The DER equivalent supports a No Further Action determination for Benzo(a)pyrene in near-surface soils at the M-5 Landfill Site.

Benzo(b)fluoranthene (AREA SVOC-1)

Benzo(b)fluoranthene was detected in ten of the site soil samples above the RDCSCC of 0.9 mg/kg at concentrations ranging from 1.1 mg/kg to 9.5 mg/kg (average exceedence concentration of 3.69 mg/kg).

Compliance averaging was conducted for Benzo(b)fluoranthene in AREA SVOC-1 and found to be 0.885 mg/kg. Therefore, the compliance average for Benzo(b)fluoranthene in AREA SVOC-1 is below the RDCSCC of 0.9 mg/kg and is not of concern.

These findings support a No Further Action determination for Benzo(b)fluoranthene in near-surface soils at the M-5 Landfill Site.

Benzo(k)fluoranthene (AREA SVOC-1)

Benzo(k)fluoranthene was detected in ten of the site soil samples above the RDCSCC of 0.9 mg/kg at concentrations ranging from 1.2 mg/kg to 8.8 mg/kg (average exceedence concentration of 2.60 mg/kg).

Compliance averaging was conducted for Benzo(k)fluoranthene in AREA SVOC-1 and found to be 0.664 mg/kg. Therefore, the compliance average for Benzo(b)fluoranthene in AREA SVOC-1 is below the RDCSCC of 0.9 mg/kg and is not of concern.

These findings support a No Further Action determination for Benzo(k)fluoranthene in near-surface soils at the M-5 Landfill Site.

Chrysene (AREA SVOC-1)

Chrysene was detected in three site soil samples above the RDCSCC of 9.0 mg/kg at concentrations ranging from 9.7 mg/kg to 25 mg/kg (average exceedence concentration of 18.567 mg/kg).

Compliance averaging was conducted for Chrysene in AREA SVOC-1 and found to be 1.812 mg/kg. Therefore, the compliance average for Chrysene in AREA SVOC-1 is below the RDCSCC of 9.0 mg/kg and is not of concern.

These findings support a No Further Action determination for Chrysene in near-surface soils at the M-5 Landfill Site.

Dibenz(a,h)anthracene (AREA SVOC-1)

Dibenz(a,h)anthracene was detected in four site soil samples above the RDCSCC of 0.66 mg/kg at concentrations ranging from 1.0 mg/kg to 2.9 mg/kg (average exceedence concentration of 1.70 mg/kg). Compliance averaging was not undertaken for Dibenz(a,h)anthracene because, as described in the Spring 1995 *Site Remediation News* (Volume 7, Number 2), NJDEP's guidance regarding the use of multiplication factors (initially applied to RDCSCCs to limit the maximum allowable concentration for individual samples) had changed. NJDEP's current guidance is to apply the multiplication factors to health based criteria, not RDCSCC. The health-based criteria for Dibenz(a,h)anthracene in soil is 0.09 mg/kg. Applying the 10X factor to 0.09 mg/kg means that no individual sample may exceed 0.9 mg/kg for the purposes of compliance averaging. Therefore, compliance averaging was not appropriate for AREA SVOC-1 at the M-5 Landfill Site with respect to Dibenz(a,h)anthracene.

Due to the limited presence of Dibenz(a,h)anthracene in the area of the M-5 Landfill Site identified as AREA SVOC-1 at concentrations that are both above the RDCSCC and inappropriate for compliance averaging, the DPW will incorporate a document equivalent to a DER into the Fort Monmouth Master Plan. The DER equivalent will apply to soils presenting exceedences of Dibenz(a,h)anthracene at the M-5 Landfill Site (AREA

SVOC-1) and will be protective of human health and the environment. The DER equivalent supports a No Further Action determination for Dibenz(a,h)anthracene in near-surface soils at the M-5 Landfill Site.

Indeno(1,2,3-cd)pyrene (AREA SVOC-1)

Indeno(1,2,3-cd)pyrene was detected in seven of the site soil samples above the RDCSCC of 0.9 mg/kg at concentrations ranging from 1.2 mg/kg to 4.9 mg/kg (average exceedence concentration of 2.343 mg/kg).

Compliance averaging conducted for Indeno(1,2,3-cd)pyrene in AREA SVOC-1 yielded the compliance average concentration of 0.517 mg/kg. Therefore, the compliance average for Indeno(1,2,3-cd)pyrene in AREA SVOC-1 does not exceed the RDCSCC of 0.9 mg/kg and is not of concern.

These findings support a No Further Action determination for Indeno(1,2,3-cd)pyrene in near-surface soils at the M-5 Landfill Site.

4.3.3 Pesticides and PCBs

Four pesticides were detected in site soils at concentrations above their respective RDCSCC: 4,4'-DDD, 4,4'-DDE, 4,4'-DDT, and Dieldrin. For the purposes of compliance analysis, the sample locations with exceedences of the RDCSCC for pesticides have been grouped into one area, AREA PESTPCB-1. The borings contained within this compliance average area are labeled in **Figure 4-3** and listed in **Appendix F**. The compliance analysis method for these compounds is presented in **Table 4-4**.

4,4'-DDD (AREA PESTPCB-1)

4,4'-DDD was detected in one site soil sample above the RDCSCC of 3.0 mg/kg at a concentration of 3.787 mg/kg.

Compliance averaging for 4,4'-DDD in AREA PESTPCB-1 yielded the compliance average concentration of 0.479 mg/kg. Therefore, the compliance average for 4,4'-DDD in AREA PESTPCB-1 is below the RDCSCC of 3.0 mg/kg and is not of concern. These findings support a No Further Action determination for 4,4'-DDD in near-surface soils at the M-5 Landfill Site.

4,4'-DDE (AREA PESTPCB-1)

4,4'-DDE was detected in three of the site soil samples above the RDCSCC of 2.0 mg/kg at concentrations ranging from 2.058 mg/kg to 4.185 mg/kg (average exceedence concentration of 3.191 mg/kg).

Compliance averaging for 4,4'-DDE in AREA PESTPCB-1 yielded the compliance average concentration of 0.654 mg/kg. Therefore, the compliance average for 4,4'-DDE in AREA PESTPCB-1 is below the RDCSCC of 2.0 mg/kg and is not of concern.

These findings support a No Further Action determination for 4,4'-DDE in near-surface soils at the M-5 Landfill Site.

4,4'-DDT (AREA PESTPCB-1)

4,4'-DDT was detected in nine of the site soil samples above the RDCSCC of 2.0 mg/kg at concentrations ranging from 2.094 mg/kg to 56.446 mg/kg (average exceedence concentration of 13.425 mg/kg). Because the maximum concentration of 4,4'-DDT was greater than the 10X ceiling limit of 20 mg/kg in AREA PESTPCB-1, compliance averaging was not appropriate for 4,4'-DDT for this area of the M-5 Landfill Site.

Due to the limited presence of 4,4'-DDT in the area of the M-5 Landfill Site identified as AREA PESTPCB-1 at concentrations that are both above the RDCSCC and inappropriate for compliance averaging, the DPW will incorporate a document equivalent to a DER into the Fort Monmouth Master Plan. The DER equivalent will apply to soils presenting exceedences of 4,4'-DDT at the M-5 Landfill Site (AREA PESTPCB-1) and will be protective of human health and the environment. The DER equivalent supports a No Further Action determination for 4,4'-DDT in near-surface soils at the M-5 Landfill Site.

Dieldrin (AREA PESTPCB-1)

Dieldrin was detected in one site soil sample above the RDCSCC of 0.042 mg/kg at a concentration of 0.049 mg/kg.

Compliance averaging for Dieldrin in AREA PESTPCB-1 yielded the compliance average concentration of 0.049 mg/kg. Therefore, the compliance average for Dieldrin in AREA PESTPCB-1 is marginally above the RDCSCC of 0.042 mg/kg and is not of concern.

These findings support a No Further Action determination for Dieldrin in near-surface soils at the M-5 Landfill Site.

One PCB was detected in site soils at concentrations above its RDCSCC: Arochlor 1254. For the purposes of compliance analysis, the sample locations with exceedences of the RDCSCC for PCBs have been grouped into one area, AREA PESTPCB-1. The boring contained within this compliance average area is labeled in **Figure 4-3** and listed in **Appendix F**. The compliance analysis method for this compound is presented in **Table 4-4**.

Arochlor 1254 (AREA PESTPCB-1)

Arochlor 1254 was detected in one site soil sample above the RDCSCC of 0.49 mg/kg at a concentration of 1.499 mg/kg.

Compliance averaging for Arochlor 1254 in AREA PESTPCB-1 yielded the compliance average concentration of 0.832 mg/kg. Therefore, the compliance average for Arochlor 1254 in AREA PESTPCB-1 is marginally above the RDCSCC of 0.49 mg/kg and is not of concern.

These findings support a No Further Action determination for Arochlor 1254 in near-surface soils at the M-5 Landfill Site.

4.3.4 Metals

Seven metals were detected at concentrations above their respective RDCSCC: Arsenic, Beryllium, Copper, Lead, Mercury, Thallium and Zinc. For the purpose of compliance analysis, the sample locations with exceedences of the RDCSCC for metals have been grouped into one area, AREA METALS-1. The borings contained within these compliance average areas are labeled in **Figure 4-4** and listed in **Appendix F**. The compliance analysis method for these compounds is presented in **Table 4-4**.

Arsenic (AREA METALS-1)

Arsenic was detected in nine of the site soil samples above the RDCSCC of 20 mg/kg at concentrations ranging from 20.13 mg/kg to 1,030 mg/kg (average exceedence concentration of 164.416 mg/kg). Compliance averaging was not undertaken for Arsenic because, as described in the Spring 1995 *Site Remediation News* (Volume 7, Number 2), the 20 mg/kg RDCSCC for arsenic is already 50 times higher than the health based number for arsenic (0.4 mg/kg). Many of these samples also exceeded the site-specific maximum background concentration for Arsenic in soils (Weston, 1995) of 22.9 mg/kg.

Due to the distribution of Arsenic in the area of the M-5 Landfill Site identified as AREA METALS-1 at concentrations that are both above the RDCSCC and inappropriate for compliance averaging, the DPW will incorporate a document equivalent to a DER into the Fort Monmouth Master Plan. The DER equivalent will apply to soils presenting exceedences of Arsenic at the M-5 Landfill Site (AREA METALS-1) and will be protective of human health and the environment. The DER equivalent supports a No Further Action determination for Arsenic in near-surface soils at the M-5 Landfill Site.

Beryllium (AREA METALS-1)

Beryllium was detected above the RDCSCC of 2.0 mg/kg in three site soil samples at concentrations ranging from 2.05 mg/kg to 10.89 mg/kg (average exceedence concentration of 5.909 mg/kg). Compliance averaging was not undertaken for Beryllium because, as described in the Spring 1995 *Site Remediation News* (Volume 7, Number 2),

compliance averaging is not appropriate for soil samples that present Beryllium concentrations that exceed 2.0 mg/kg.

Due to the limited presence of Beryllium in the area of the M-5 Landfill Site identified as AREA METALS-1 at concentrations that are both above the RDCSCC and inappropriate for compliance averaging, the DPW will incorporate a document equivalent to a DER into the Fort Monmouth Master Plan. The DER equivalent will apply to soils presenting exceedences of Beryllium at the M-5 Landfill Site (AREA METALS-1) and will be protective of human health and the environment. The DER equivalent supports a No Further Action determination for Beryllium in near-surface soils at the M-5 Landfill Site.

Copper (AREA METALS-1)

Copper was detected above the RDCSCC of 600 mg/kg in four site soil samples at concentrations ranging from 1,168 mg/kg to 2,837 mg/kg (average exceedence concentration of 1,965.75 mg/kg). Because the maximum concentration of Copper was greater than the 2X ceiling limit of 1,200 mg/kg in AREA METALS-1, compliance averaging was not appropriate for Copper for this area of the M-5 Landfill Site.

Due to the limited presence of Copper in the area of the M-5 Landfill Site identified as AREA METALS-1 at concentrations that are both above the RDCSCC and inappropriate for compliance averaging, the DPW will incorporate a document equivalent to a DER into the Fort Monmouth Master Plan. The DER equivalent will apply to soils presenting exceedences of Copper at the M-5 Landfill Site (AREA METALS-1) and will be protective of human health and the environment. The DER equivalent supports a No Further Action determination for Copper in near-surface soils at the M-5 Landfill Site.

Lead (AREA METALS-1)

Lead was detected above the RDCSCC of 400 mg/kg in 15 site soil samples at concentrations ranging from 494 mg/kg to 4,549 mg/kg (average exceedence concentration of 1,357.733 mg/kg). Because the maximum concentration of Lead was greater than the 2X ceiling limit of 800 mg/kg in AREA METALS-1, compliance averaging was not appropriate for Lead for this area of the M-5 Landfill Site.

Due to the limited presence of Lead in the area of the M-5 Landfill Site identified as AREA METALS-1 at concentrations that are both above the RDCSCC and inappropriate for compliance averaging, the DPW will incorporate a document equivalent to a DER into the Fort Monmouth Master Plan. The DER equivalent will apply to soils presenting exceedences of Lead at the M-5 Landfill Site (AREA METALS-1) and will be protective of human health and the environment. The DER equivalent supports a No Further Action determination for Lead in near-surface soils at the M-5 Landfill Site.

Mercury (AREA METALS-1)

Mercury was detected above the RDCSCC of 14 mg/kg at one boring at a concentration of 17.584 mg/kg.

Compliance averaging conducted for Mercury in AREA METALS-1 yielded the compliance average concentration of 1.089 mg/kg. Therefore, the compliance average for Mercury in AREA METALS-1 is below the RDCSCC of 14 mg/kg and is not of concern.

These findings support a No Further Action determination relative to Mercury in near-surface soils at the M-5 Landfill Site.

Nickel (AREA METALS-1)

Nickel was detected above the RDCSCC of 250 mg/kg at one boring at a concentration of 431 mg/kg.

Compliance averaging conducted for Nickel in AREA METALS-2 yielded the compliance average concentration of 66.644 mg/kg. Therefore, the compliance average for Nickel in AREA METALS-2 is below the RDCSCC of 250 mg/kg and is not of concern.

These findings support a No Further Action determination relative to Nickel in near-surface soils at the M-5 Landfill Site.

Thallium (AREA METALS-1)

Thallium was detected above the RDCSCC of 2.0 mg/kg in one site soil sample at a concentration of 47.42 mg/kg. Compliance averaging was not undertaken for Thallium because, as described in the Spring 1995 *Site Remediation News* (Volume 7, Number 2), the 2.0 mg/kg RDCSCC for Thallium is already much higher than the health based number for Thallium (0.0 mg/kg).

Due to the limited presence of Thallium in the area of the site identified as AREA METALS-1 at concentrations that are both above the RDCSCC and inappropriate for compliance averaging, the DPW will incorporate a document equivalent to a DER into the Fort Monmouth Master Plan. The DER equivalent will apply to soils presenting exceedences of Thallium at the M-5 Landfill Site (AREA METALS-1) and will be protective of human health and the environment. The DER equivalent and compliance averaging approach support a No Further Action determination for Thallium in near-surface soils at the M-5 Landfill Site.

Zinc (AREA METALS-1)

Zinc was detected above the RDCSCC of 1,500 mg/kg in three site soil samples at concentrations ranging from 1,598 mg/kg to 4,510 mg/kg (average exceedence concentration of 9,772 mg/kg). Because the maximum concentration of Zinc was greater than the 2X ceiling limit of 3000 mg/kg in AREA METALS-1, compliance averaging was not appropriate for Zinc for this area of the M-5 Landfill Site.

Due to the limited presence of Zinc in the area of the site identified as AREA METALS-1 at concentrations that are both above the RDCSCC and inappropriate for compliance averaging, the DPW will incorporate a document equivalent to a DER into the Fort Monmouth Master Plan. The DER equivalent will apply to soils presenting exceedences of Zinc at the M-5 Landfill Site (AREA METALS-1) and will be protective of human health and the environment. The DER equivalent supports a No Further Action determination for Zinc in near-surface soils at the M-5 Landfill Site.

5.0 CONCLUSIONS AND RECOMMENDATIONS

To demonstrate compliance equivalence of the existing soil cover over the M-5 Landfill Site with respect to the Solid Waste Disposal Act of 1965, DPW characterized the near-surface soils using 254 borings from strategic locations over the site. DPW installed soil borings and obtained soil samples between April 1998 and August 1998. All soil samples were analyzed for TCL Organics + 30 parameters and TAL metals. The data that exceeded the laboratory MDL and/or the NJDEP RDCSCC are summarized in table form in this RIR. Where applicable and appropriate, the data were evaluated utilizing the "compliance averaging" approach to determine compliance with NJDEP RDCSCC. The conclusions and recommendations of the evaluation of analytical results from the near-surface soils site characterization are provided below.

As discussed in **Section 4.1**, concentrations of VOCs, SVOCs, pesticides and PCBs and metals were detected exceeding the NJDEP RDCSCC. **Table 4-6** provides a summary of the compliance analysis discussed in this RIR. In all cases, further analysis of the analytical results did not define a "source area" or level of contamination that necessitated the identification and evaluation of potential remedial actions. In most cases, either the calculated compliance average was below the respective RDCSCC or the exceedence was considered marginal (e.g., within 1 to 2 mg/kg of the RDCSCC). However, to address the exceedences of analytes that did not meet cleanup requirements in the near surface soils, the DPW will incorporate a document equivalent to a DER into the Fort Monmouth Master Plan for soils containing these exceedences. As discussed in **Section 2.3.2.**, the M-5 Landfill Site is located within a Class-III-A aquifer (aquitard) zone, which would minimize the possibility of any cantamination migrating offsite. The Army is therefore requesting a ***No Further Action*** for these parameters. The DER equivalent may be developed for the entire M-5 Landfill Site or be restricted to the following areas and analytes (see **Figures 4-1, 4-2**, **4-3** and **4-4** for the boundaries of these areas):

- AREA SVOC-1: Benzo(a)anthracene, Benzo(a)pyrene and Dibenz(a,h)anthracene
- AREA PESTPCB-1: 4,4'-DDT
- AREA METALS-1: Arsenic, Beryllium, Copper, Lead, Thallium and Zinc

Given the inactive and undisturbed status of the landfill, the performance of long-term surface water and groundwater monitoring proximate to the M-5 Landfill Site, the negligible impacts reported to-date, the lack of groundwater use at or downgradient of the M-5 Landfill Site and the relatively low levels of COCs in the shallow surface soils across the site, No Further Action is recommended for the near-surface soils at the M-5 Landfill Site.

6.0 REFERENCES

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TABLES

Table 3-1
Soil Sample Collection Summary
M-5 Landfill
Fort Monmouth, New Jersey

Boring ID	Field Sample ID	Lab Sample ID	Depth	Date Collected	Matrix	Analytical Parameters	Analytical Methods
B01	B01 (6-12")	3465.03	(6-12")	4/8/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B01	B01 (24")	3465.04	(24")	4/8/1998	Soil	VOCs	Method 8260
B02	B02 (6-12")	3465.07	(6-12")	4/8/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B02	B02 (24")	3465.08	(24")	4/8/1998	Soil	VOCs	Method 8260
B03	B03 (6-12")	3465.11	(6-12")	4/8/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B03	B03 (24")	3465.12	(24")	4/8/1998	Soil	VOCs	Method 8260
B04	B04 (6-12")	3470.03	(6-12")	4/9/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B04	B04 (24")	3470.04	(24")	4/9/1998	Soil	VOCs	Method 8260
B05	B05 (6-12")	3470.07	(6-12")	4/9/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B05	B05 (24")	3470.08	(24")	4/9/1998	Soil	VOCs	Method 8260
B06	B06 (6-12")	3470.11	(6-12")	4/9/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B06	B06 (24")	3470.12	(24")	4/9/1998	Soil	VOCs	Method 8260
B07	B07 (6-12")	3470.15	(6-12")	4/9/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B07	B07 (24")	3470.16	(24")	4/9/1998	Soil	VOCs	Method 8260
B08	B08 (6-12")	3472.03	(6-12")	4/10/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B08	B08 (24")	3472.04	(24")	4/10/1998	Soil	VOCs	Method 8260
B09	B09 (6-12")	3472.07	(6-12")	4/10/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B09	B09 (24")	3472.08	(24")	4/10/1998	Soil	VOCs	Method 8260
B10	B10 (6-12")	3472.11	(6-12")	4/10/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B10	B10 (24")	3472.12	(24")	4/10/1998	Soil	VOCs	Method 8260
B11	B11 (6-12")	3473.03	(6-12")	4/11/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B11	B11 (24")	3473.04	(24")	4/11/1998	Soil	VOCs	Method 8260
B12	B12 (6-12")	3473.07	(6-12")	4/11/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B12	B12 (24")	3473.08	(24")	4/11/1998	Soil	VOCs	Method 8260
B13	B13 (6-12")	3473.11	(6-12")	4/11/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B13	B13 (24")	3473.12	(24")	4/11/1998	Soil	VOCs	Method 8260
B14	B14 (6-12")	3473.15	(6-12")	4/11/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B14	B14 (24")	3473.16	(24")	4/11/1998	Soil	VOCs	Method 8260
B15	B15 (6-12")	3473.19	(6-12")	4/11/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B15	B15 (24")	3473.20	(24")	4/11/1998	Soil	VOCs	Method 8260
B16	B16 (6-12")	3477.03	(6-12")	4/13/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B16	B16 (24")	3477.04	(24")	4/13/1998	Soil	VOCs	Method 8260
B17	B17 (6-12")	3477.07	(6-12")	4/13/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B17	B17 (24")	3477.08	(24")	4/13/1998	Soil	VOCs	Method 8260
B18	B18 (6-12")	3477.11	(6-12")	4/13/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B18	B18 (24")	3477.12	(24")	4/13/1998	Soil	VOCs	Method 8260
B19	B19 (6-12")	3477.15	(6-12")	4/13/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B19	B19 (24")	3477.16	(24")	4/13/1998	Soil	VOCs	Method 8260
B20	B20 (6-12")	3479.03	(6-12")	4/14/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B20	B20 (24")	3479.04	(24")	4/14/1998	Soil	VOCs	Method 8260

Notes:
RDCSCC = Residential Direct Contact Cleanup Criteria pre N.J.A.C. 7:26D.
VOCs = Volatile Organic Compounds; SVOCs = Semi-Volatile Organic Compounds.
Pest/PCBs = Pesticides/Polychlorinated-Biphenyls; TAL Metals = Target Analyte List Metals

Table 3-1
Soil Sample Collection Summary
M-5 Landfill
Fort Monmouth, New Jersey

Boring ID	Field Sample ID	Lab Sample ID	Depth	Date Collected	Matrix	Analytical Parameters	Analytical Methods
B21	B21 (6-12")	3479.07	(6-12")	4/14/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B21	B21 (24")	3479.08	(24")	4/14/1998	Soil	VOCs	Method 8260
B22	B22 (6-12")	3479.11	(6-12")	4/14/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B22	B22 (24")	3479.12	(24")	4/14/1998	Soil	VOCs	Method 8260
B23	B23 (6-12")	3485.03	(6-12")	4/15/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B23	B23 (24")	3485.04	(24")	4/15/1998	Soil	VOCs	Method 8260
B24	B24 (6-12")	3485.07	(6-12")	4/15/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B24	B24 (24")	3485.08	(24")	4/15/1998	Soil	VOCs	Method 8260
B25	B25 (6-12")	3485.11	(6-12")	4/15/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B25	B25 (24")	3485.12	(24")	4/15/1998	Soil	VOCs	Method 8260
B26	B26 (6-12")	3485.15	(6-12")	4/15/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B26	B26 (24")	3485.16	(24")	4/15/1998	Soil	VOCs	Method 8260
B27	B27 (6-12")	3498.03	(6-12")	4/20/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B27	B27 (24")	3498.04	(24")	4/20/1998	Soil	VOCs	Method 8260
B28	B28 (6-12")	3498.07	(6-12")	4/20/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B28	B28 (24")	3498.08	(24")	4/20/1998	Soil	VOCs	Method 8260
B29	B29 (6-12")	3498.11	(6-12")	4/20/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B29	B29 (24")	3498.12	(24")	4/20/1998	Soil	VOCs	Method 8260
B30	B30 (6-12")	3498.15	(6-12")	4/20/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B30	B30 (24")	3498.16	(24")	4/20/1998	Soil	VOCs	Method 8260
B31	B31 (6-12")	3500.02	(6-12")	4/21/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B31	B31 (24")	3500.03	(24")	4/21/1998	Soil	VOCs	Method 8260
B32	B32 (6-12")	3500.06	(6-12")	4/21/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B32	B32 (24")	3500.07	(24")	4/21/1998	Soil	VOCs	Method 8260
B33	B33 (6-12")	3500.10	(6-12")	4/21/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B33	B33 (24")	3500.11	(24")	4/21/1998	Soil	VOCs	Method 8260
B34	B34 (6-12")	3500.14	(6-12")	4/21/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B34	B34 (24")	3500.15	(24")	4/21/1998	Soil	VOCs	Method 8260
B35	B35 (6-12")	3500.18	(6-12")	4/21/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B35	B35 (24")	3500.19	(24")	4/21/1998	Soil	VOCs	Method 8260
B36	B36 (6-12")	3501.02	(6-12")	4/22/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B36	B36 (24")	3501.03	(24")	4/22/1998	Soil	VOCs	Method 8260
B37	B37 (6-12")	3501.06	(6-12")	4/22/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B37	B37 (24")	3501.07	(24")	4/22/1998	Soil	VOCs	Method 8260
B38	B38 (6-12")	3501.10	(6-12")	4/22/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B38	B38 (24")	3501.11	(24")	4/22/1998	Soil	VOCs	Method 8260
B39	B39 (6-12")	3501.14	(6-12")	4/22/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B39	B39 (24")	3501.15	(24")	4/22/1998	Soil	VOCs	Method 8260
B40	B40 (6-12")	3501.18	(6-12")	4/22/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B40	B40 (24")	3501.19	(24")	4/22/1998	Soil	VOCs	Method 8260

Notes:
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Pest/PCBs = Pesticides/Polychlorinated-Biphenyls; TAL Metals = Target Analyte List Metals

Table 3-1
Soil Sample Collection Summary
M-5 Landfill
Fort Monmouth, New Jersey

Boring ID	Field Sample ID	Lab Sample ID	Depth	Date Collected	Matrix	Analytical Parameters	Analytical Methods
B41	B41 (6-12")	3539.02	(6-12")	5/1/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B41	B41 (24")	3539.03	(24")	5/1/1998	Soil	VOCs	Method 8260
B42	B42 (6-12")	3539.06	(6-12")	5/1/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B42	B42 (24")	3539.07	(24")	5/1/1998	Soil	VOCs	Method 8260
B43	B43 (6-12")	3543.02	(6-12")	5/1/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B43	B43 (24")	3543.03	(24")	5/1/1998	Soil	VOCs	Method 8260
B44	B44 (6-12")	3543.06	(6-12")	5/1/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B44	B44 (24")	3543.07	(24")	5/1/1998	Soil	VOCs	Method 8260
B45	B45 (6-12")	3543.10	(6-12")	5/1/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B45	B45 (24")	3543.11	(24")	5/1/1998	Soil	VOCs	Method 8260
B46	B46 (6-12")	3543.14	(6-12")	5/1/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B46	B46 (24")	3543.15	(24")	5/1/1998	Soil	VOCs	Method 8260
B47	B47 (6-12")	3547.02	(6-12")	5/5/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B47	B47 (24")	3547.03	(24")	5/5/1998	Soil	VOCs	Method 8260
B48	B48 (6-12")	3547.06	(6-12")	5/5/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B48	B48 (24")	3547.07	(24")	5/5/1998	Soil	VOCs	Method 8260
B49	B49 (6-12")	3547.10	(6-12")	5/5/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B49	B49 (24")	3547.11	(24")	5/5/1998	Soil	VOCs	Method 8260
B50	B50 (6-12")	3547.14	(6-12")	5/5/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B50	B50 (24")	3547.15	(24")	5/5/1998	Soil	VOCs	Method 8260
B51	B51 (6-12")	3547.18	(6-12")	5/5/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B51	B51 (24")	3547.19	(24")	5/5/1998	Soil	VOCs	Method 8260
B52	B52 (6-12")	3550.03	(6-12")	5/6/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B52	B52 (24")	3550.04	(24")	5/6/1998	Soil	VOCs	Method 8260
B53	B53 (6-12")	3550.07	(6-12")	5/6/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B53	B53 (24")	3550.08	(24")	5/6/1998	Soil	VOCs	Method 8260
B54	B54 (6-12")	3550.11	(6-12")	5/6/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B54	B54 (24")	3550.12	(24")	5/6/1998	Soil	VOCs	Method 8260
B55	B55 (6-12")	3550.15	(6-12")	5/6/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B55	B55 (24")	3550.16	(24")	5/6/1998	Soil	VOCs	Method 8260
B56	B56 (6-12")	3561.02	(6-12")	5/11/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B56	B56 (24")	3561.03	(24")	5/11/1998	Soil	VOCs	Method 8260
B57	B57 (6-12")	3561.06	(6-12")	5/11/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B57	B57 (24")	3561.07	(24")	5/11/1998	Soil	VOCs	Method 8260
B58	B58 (6-12")	3561.10	(6-12")	5/11/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B58	B58 (24")	3561.11	(24")	5/11/1998	Soil	VOCs	Method 8260
B59	B59 (6-12")	3561.14	(6-12")	5/11/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B59	B59 (24")	3561.15	(24")	5/11/1998	Soil	VOCs	Method 8260
B60	B60 (6-12")	3567.02	(6-12")	5/14/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B60	B60 (24")	3567.03	(24")	5/14/1998	Soil	VOCs	Method 8260

Notes:
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Table 3-1
Soil Sample Collection Summary
M-5 Landfill
Fort Monmouth, New Jersey

Boring ID	Field Sample ID	Lab Sample ID	Depth	Date Collected	Matrix	Analytical Parameters	Analytical Methods
B61	B61 (6-12")	3567.06	(6-12")	5/14/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B61	B61 (24")	3567.07	(24")	5/14/1998	Soil	VOCs	Method 8260
B62	B62 (6-12")	3567.10	(6-12")	5/14/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B62	B62 (24")	3567.11	(24")	5/14/1998	Soil	VOCs	Method 8260
B63	B63 (6-12")	3567.14	(6-12")	5/14/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B63	B63 (20")	3567.15	(20")	5/14/1998	Soil	VOCs	Method 8260
B63	B63 (24")	3567.16	(24")	5/14/1998	Soil	VOCs	Method 8260
B64	B64 (6-12")	3567.19	(6-12")	5/14/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B64	B64 (24")	3567.20	(24")	5/14/1998	Soil	VOCs	Method 8260
B65	B65 (6-12")	3571.02	(6-12")	5/15/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B65	B65 (24")	3571.03	(24")	5/15/1998	Soil	VOCs	Method 8260
B66	B66 (6-12")	3571.06	(6-12")	5/15/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B66	B66 (24")	3571.07	(24")	5/15/1998	Soil	VOCs	Method 8260
B67	B67 (6-12")	3571.10	(6-12")	5/15/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B67	B67 (24")	3571.11	(24")	5/15/1998	Soil	VOCs	Method 8260
B68	B68 (6-12")	3571.13	(6-12")	5/15/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B68	B68 (24")	3571.14	(24")	5/15/1998	Soil	VOCs	Method 8260
B69	B69 (6-12")	3571.17	(6-12")	5/15/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B69	B69 (24")	3571.18	(24")	5/15/1998	Soil	VOCs	Method 8260
B70	B70 (6-12")	3576.02	(6-12")	5/18/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B70	B70 (24")	3576.03	(24")	5/18/1998	Soil	VOCs	Method 8260
B71	B71 (6-12")	3576.06	(6-12")	5/18/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B71	B71 (24")	3576.07	(24")	5/18/1998	Soil	VOCs	Method 8260
B72	B72 (6-12")	3576.10	(6-12")	5/18/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B72	B72 (24")	3576.11	(24")	5/18/1998	Soil	VOCs	Method 8260
B73	B73 (6-12")	3576.14	(6-12")	5/18/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B73	B73 (24")	3576.15	(24")	5/18/1998	Soil	VOCs	Method 8260
B74	B74 (6-12")	3580.02	(6-12")	5/19/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B74	B74 (24")	3580.03	(24")	5/19/1998	Soil	VOCs	Method 8260
B75	B75 (6-12")	3580.05	(6-12")	5/19/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B75	B75 (24")	3580.06	(24")	5/19/1998	Soil	VOCs	Method 8260
B76	B76 (6-12")	3580.08	(6-12")	5/19/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B76	B76 (24")	3580.09	(24")	5/19/1998	Soil	VOCs	Method 8260
B77	B77 (6-12")	3580.11	(6-12")	5/19/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B77	B77 (24")	3580.12	(24")	5/19/1998	Soil	VOCs	Method 8260
B78	B78 (6-12")	3580.14	(6-12")	5/19/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B78	B78 (24")	3580.15	(24")	5/19/1998	Soil	VOCs	Method 8260
B79	B79 (6-12")	3580.18	(6-12")	5/19/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B79	B79 (24")	3580.19	(24")	5/19/1998	Soil	VOCs	Method 8260
B80	B80 (6-12")	3580.22	(6-12")	5/19/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A

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VOCs = Volatile Organic Compounds; SVOCs = Semi-Volatile Organic Compounds.
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Table 3-1
Soil Sample Collection Summary
M-5 Landfill
Fort Monmouth, New Jersey

Boring ID	Field Sample ID	Lab Sample ID	Depth	Date Collected	Matrix	Analytical Parameters	Analytical Methods
B80	B80 (24")	3580.23	(24")	5/19/1998	Soil	VOCs	Method 8260
B81	B81 (6-12")	3580.26	(6-12")	5/19/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B81	B81 (24")	3580.27	(24")	5/19/1998	Soil	VOCs	Method 8260
B82	B82 (6-12")	3580.30	(6-12")	5/19/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B82	B82 (24")	3580.31	(24")	5/19/1998	Soil	VOCs	Method 8260
B83	B83 (6-12")	3580.34	(6-12")	5/19/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B83	B83 (24")	3580.35	(24")	5/19/1998	Soil	VOCs	Method 8260
B84	B84 (6-12")	3584.02	(6-12")	5/20/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B84	B84 (24")	3584.03	(24")	5/20/1998	Soil	VOCs	Method 8260
B85	B85 (6-12")	3584.06	(6-12")	5/20/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B85	B85 (24")	3584.07	(24")	5/20/1998	Soil	VOCs	Method 8260
B86	B86 (6-12")	3584.10	(6-12")	5/20/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B86	B86 (24")	3584.11	(24")	5/20/1998	Soil	VOCs	Method 8260
B87	B87 (6-12")	3584.14	(6-12")	5/20/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B87	B87 (24")	3584.15	(24")	5/20/1998	Soil	VOCs	Method 8260
B88	B88 (6-12")	3584.18	(6-12")	5/20/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B88	B88 (24")	3584.19	(24")	5/20/1998	Soil	VOCs	Method 8260
B89	B89 (6-12")	3584.22	(6-12")	5/20/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B89	B89 (24")	3584.23	(24")	5/20/1998	Soil	VOCs	Method 8260
B90	B90 (6-12")	3584.26	(6-12")	5/20/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B90	B90 (24")	3584.27	(24")	5/20/1998	Soil	VOCs	Method 8260
B91	B91 (6-12")	3584.30	(6-12")	5/20/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B91	B91 (24")	3584.31	(24")	5/20/1998	Soil	VOCs	Method 8260
B92	B92 (6-12")	3584.34	(6-12")	5/20/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B92	B92 (24")	3584.35	(24")	5/20/1998	Soil	VOCs	Method 8260
B93	B93 (6-12")	3588.02	(6-12")	5/21/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B93	B93 (24")	3588.03	(24")	5/21/1998	Soil	VOCs	Method 8260
B94	B94 (6-12")	3588.06	(6-12")	5/21/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B94	B94 (24")	3588.07	(24")	5/21/1998	Soil	VOCs	Method 8260
B95	B95 (6-12")	3588.10	(6-12")	5/21/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B95	B95 (24")	3588.11	(24")	5/21/1998	Soil	VOCs	Method 8260
B96	B96 (6-12")	3588.14	(6-12")	5/21/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B96	B96 (24")	3588.15	(24")	5/21/1998	Soil	VOCs	Method 8260
B97	B97 (6-12")	3588.18	(6-12")	5/21/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B97	B97 (24")	3588.19	(24")	5/21/1998	Soil	VOCs	Method 8260
B98	B98 (6-12")	3588.22	(6-12")	5/21/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B98	B98 (24")	3588.23	(24")	5/21/1998	Soil	VOCs	Method 8260
B99	B99 (6-12")	3593.02	(6-12")	5/26/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B99	B99 (24")	3593.03	(24")	5/26/1998	Soil	VOCs	Method 8260
B158	B158 (6-12")	3665.12	(6-12")	6/17/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A

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Soil Sample Collection Summary
M-5 Landfill
Fort Monmouth, New Jersey

Boring ID	Field Sample ID	Lab Sample ID	Depth	Date Collected	Matrix	Analytical Parameters	Analytical Methods
B158	B158 (24")	3665.13	(24")	6/17/1998	Soil	VOCs	Method 8260
B159	B159 (6-12")	3665.16	(6-12")	6/17/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B159	B159 (24")	3665.17	(24")	6/17/1998	Soil	VOCs	Method 8260
B160	B160 (6-12")	3665.19	(6-12")	6/17/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B160	B160 (24")	3665.20	(24")	6/17/1998	Soil	VOCs	Method 8260
B161	B161 (6-12")	3665.22	(6-12")	6/17/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B161	B161 (24")	3665.23	(24")	6/17/1998	Soil	VOCs	Method 8260
B162	B162 (6-12")	3686.04	(6-12")	6/26/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B162	B162 (17")	3686.05	(17")	6/26/1998	Soil	VOCs	Method 8260
B163	B163 (6-12")	3686.07	(6-12")	6/26/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B163	B163 (19")	3686.08	(19")	6/26/1998	Soil	VOCs	Method 8260
B164	B164 (6-12")	3686.10	(6-12")	6/26/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B164	B164 (24")	3686.11	(24")	6/26/1998	Soil	VOCs	Method 8260
B165	B165 (6-12")	3688.02	(6-12")	6/29/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B165	B165 (24")	3688.03	(24")	6/29/1998	Soil	VOCs	Method 8260
B166	B166 (6-12")	3688.06	(6-12")	6/29/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B166	B166 (24")	3688.07	(24")	6/29/1998	Soil	VOCs	Method 8260
B167	B167 (6-12")	3688.09	(6-12")	6/29/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B167	B167 (24")	3688.10	(24")	6/29/1998	Soil	VOCs	Method 8260
B168	B168 (6-12")	3688.12	(6-12")	6/29/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B168	B168 (24")	3688.13	(24")	6/29/1998	Soil	VOCs	Method 8260
B169	B169 (6-12")	3688.15	(6-12")	6/29/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B169	B169 (24")	3688.16	(24")	6/29/1998	Soil	VOCs	Method 8260
B178	B178 (6-12")	3722.12	(6-12")	7/13/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B178	B178 (24")	3722.13	(24")	7/13/1998	Soil	VOCs	Method 8260
B179	B179 (6-12")	3722.15	(6-12")	7/13/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B179	B179 (24")	3722.16	(24")	7/13/1998	Soil	VOCs	Method 8260
B180	B180 (6-12")	3722.18	(6-12")	7/13/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B180	B180 (24")	3722.19	(24")	7/13/1998	Soil	VOCs	Method 8260
B181	B181 (6-12")	3722.21	(6-12")	7/13/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B181	B181 (24")	3722.22	(24")	7/13/1998	Soil	VOCs	Method 8260
B197	B197 (6-12")	3805.02	(6-12")	8/12/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B197	B197 (24")	3805.03	(24")	8/12/1998	Soil	VOCs	Method 8260
B198	B198 (6-12")	3805.04	(6-12")	8/12/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B198	B198 (24")	3805.05	(24")	8/12/1998	Soil	VOCs	Method 8260
B199	B199 (6-12")	3805.06	(6-12")	8/12/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B199	B199 (24")	3805.07	(24")	8/12/1998	Soil	VOCs	Method 8260
B200	B200 (6-12")	3805.08	(6-12")	8/12/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B200	B200 (24")	3805.09	(24")	8/12/1998	Soil	VOCs	Method 8260
B201	B201 (6-12")	3805.10	(6-12")	8/12/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A

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Table 3-1
Soil Sample Collection Summary
M-5 Landfill
Fort Monmouth, New Jersey

Boring ID	Field Sample ID	Lab Sample ID	Depth	Date Collected	Matrix	Analytical Parameters	Analytical Methods
B201	B201 (24")	3805.11	(24")	8/12/1998	Soil	VOCs	Method 8260
B202	B202 (6-12")	3805.12	(6-12")	8/12/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B202	B202 (24")	3805.13	(24")	8/12/1998	Soil	VOCs	Method 8260
B203	B203 (6-12")	3805.14	(6-12")	8/12/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B203	B203 (24")	3805.15	(24")	8/12/1998	Soil	VOCs	Method 8260
B204	B204 (6-12")	3805.16	(6-12")	8/12/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B204	B204 (24")	3805.17	(24")	8/12/1998	Soil	VOCs	Method 8260
B205	B205 (6-12")	3805.18	(6-12")	8/12/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B205	B205 (24")	3805.19	(24")	8/12/1998	Soil	VOCs	Method 8260
B206	B206 (6-12")	3805.20	(6-12")	8/12/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B206	B206 (24")	3805.21	(24")	8/12/1998	Soil	VOCs	Method 8260
B207	B207 (6-12")	3805.22	(6-12")	8/12/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B207	B207 (24")	3805.23	(24")	8/12/1998	Soil	VOCs	Method 8260
B208	B208 (6-12")	3805.24	(6-12")	8/12/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B208	B208 (24")	3805.25	(24")	8/12/1998	Soil	VOCs	Method 8260
B209	B209 (6-12")	3805.26	(6-12")	8/12/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B209	B209 (24")	3805.27	(24")	8/12/1998	Soil	VOCs	Method 8260
B210	B210 (6-12")	3805.28	(6-12")	8/12/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B210	B210 (24")	3805.29	(24")	8/12/1998	Soil	VOCs	Method 8260
B211	B211 (6-12")	3805.30	(6-12")	8/12/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B211	B211 (24")	3805.31	(24")	8/12/1998	Soil	VOCs	Method 8260
B212	B212 (6-12")	3809.02	(6-12")	8/13/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B212	B212 (24")	3809.03	(24")	8/13/1998	Soil	VOCs	Method 8260
B213	B213 (6-12")	3809.04	(6-12")	8/13/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B213	B213 (24")	3809.05	(24")	8/13/1998	Soil	VOCs	Method 8260
B214	B214 (6-12")	3809.06	(6-12")	8/13/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B214	B214 (24")	3809.07	(24")	8/13/1998	Soil	VOCs	Method 8260
B215	B215 (6-12")	3809.08	(6-12")	8/13/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B215	B215 (24")	3809.09	(24")	8/13/1998	Soil	VOCs	Method 8260
B216	B216 (6-12")	3809.10	(6-12")	8/13/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B216	B216 (24")	3809.11	(24")	8/13/1998	Soil	VOCs	Method 8260
B217	B217 (6-12")	3809.12	(6-12")	8/13/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B217	B217 (24")	3809.13	(24")	8/13/1998	Soil	VOCs	Method 8260
B218	B218 (6-12")	3809.14	(6-12")	8/13/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B218	B218 (24")	3809.15	(24")	8/13/1998	Soil	VOCs	Method 8260
B219	B219 (6-12")	3809.16	(6-12")	8/13/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B219	B219 (24")	3809.17	(24")	8/13/1998	Soil	VOCs	Method 8260
B220	B220 (6-12")	3809.18	(6-12")	8/13/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B220	B220 (24")	3809.19	(24")	8/13/1998	Soil	VOCs	Method 8260
B221	B221 (6-12")	3809.20	(6-12")	8/13/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A

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M-5 Landfill
Fort Monmouth, New Jersey

Boring ID	Field Sample ID	Lab Sample ID	Depth	Date Collected	Matrix	Analytical Parameters	Analytical Methods
B221	B221 (24")	3809.21	(24")	8/13/1998	Soil	VOCs	Method 8260
B222	B222 (6-12")	3809.22	(6-12")	8/13/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B222	B222 (24")	3809.23	(24")	8/13/1998	Soil	VOCs	Method 8260
B223	B223 (6-12")	3812.02	(6-12")	8/14/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B223	B223 (24")	3812.03	(24")	8/14/1998	Soil	VOCs	Method 8260
B224	B224 (6-12")	3812.04	(6-12")	8/14/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B224	B224 (24")	3812.05	(24")	8/14/1998	Soil	VOCs	Method 8260
B225	B225 (6-12")	3812.06	(6-12")	8/14/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B225	B225 (24")	3812.07	(24")	8/14/1998	Soil	VOCs	Method 8260
B226	B226 (6-12")	3812.08	(6-12")	8/14/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B226	B226 (24")	3812.09	(24")	8/14/1998	Soil	VOCs	Method 8260
B227	B227 (6-12")	3812.10	(6-12")	8/14/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B227	B227 (24")	3812.11	(24")	8/14/1998	Soil	VOCs	Method 8260
B228	B228 (6-12")	3812.12	(6-12")	8/14/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B228	B228 (24")	3812.13	(24")	8/14/1998	Soil	VOCs	Method 8260
B229	B229 (6-12")	3812.14	(6-12")	8/14/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B229	B229 (24")	3812.15	(24")	8/14/1998	Soil	VOCs	Method 8260
B230	B230 (6-12")	3812.16	(6-12")	8/14/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B230	B230 (24")	3812.17	(24")	8/14/1998	Soil	VOCs	Method 8260
B231	B231 (6-12")	3812.18	(6-12")	8/14/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B231	B231 (24")	3812.19	(24")	8/14/1998	Soil	VOCs	Method 8260
B232	B232 (6-12")	3827.02	(6-12")	8/25/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B232	B232 (24")	3827.03	(24")	8/25/1998	Soil	VOCs	Method 8260
B233	B233 (6-12")	3827.04	(6-12")	8/25/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B233	B233 (24")	3827.05	(24")	8/25/1998	Soil	VOCs	Method 8260
B234	B234 (6-12")	3827.06	(6-12")	8/25/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B234	B234 (24")	3827.07	(24")	8/25/1998	Soil	VOCs	Method 8260
B235	B235 (6-12")	3827.08	(6-12")	8/25/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B235	B235 (24")	3827.09	(24")	8/25/1998	Soil	VOCs	Method 8260
B236	B236 (6-12")	3827.10	(6-12")	8/25/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B236	B236 (24")	3827.11	(24")	8/25/1998	Soil	VOCs	Method 8260
B237	B237 (6-12")	3836.02	(6-12")	8/26/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B237	B237 (24")	3836.03	(24")	8/26/1998	Soil	VOCs	Method 8260
B238	B238 (6-12")	3836.04	(6-12")	8/26/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B238	B238 (24")	3836.05	(24")	8/26/1998	Soil	VOCs	Method 8260
B239	B239 (6-12")	3836.06	(6-12")	8/26/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B239	B239 (24")	3836.07	(24")	8/26/1998	Soil	VOCs	Method 8260
B240	B240 (6-12")	3836.08	(6-12")	8/26/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B240	B240 (24")	3836.09	(24")	8/26/1998	Soil	VOCs	Method 8260
B241	B241 (6-12")	3836.10	(6-12")	8/26/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A

Notes:
RDCSCC = Residential Direct Contact Cleanup Criteria pre N.J.A.C. 7:26D.
VOCs = Volatile Organic Compounds; SVOCs = Semi-Volatile Organic Compounds.
Pest/PCBs = Pesticides/Polychlorinated-Biphenyls; TAL Metals = Target Analyte List Metals

Table 3-1
Soil Sample Collection Summary
M-5 Landfill
Fort Monmouth, New Jersey

Boring ID	Field Sample ID	Lab Sample ID	Depth	Date Collected	Matrix	Analytical Parameters	Analytical Methods
B241	B241 (24")	3836.11	(24")	8/26/1998	Soil	VOCs	Method 8260
B242	B242 (6-12")	3836.12	(6-12")	8/26/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B242	B242 (24")	3836.13	(24")	8/26/1998	Soil	VOCs	Method 8260
B243	B243 (6-12")	3836.14	(6-12")	8/26/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B243	B243 (24")	3836.15	(24")	8/26/1998	Soil	VOCs	Method 8260
B244	B244 (6-12")	3836.16	(6-12")	8/26/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B244	B244 (24")	3836.17	(24")	8/26/1998	Soil	VOCs	Method 8260
B245	B245 (6-12")	3836.18	(6-12")	8/26/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B245	B245 (24")	3836.19	(24")	8/26/1998	Soil	VOCs	Method 8260
B246	B246 (6-12")	3836.20	(6-12")	8/26/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B246	B246 (24")	3836.21	(24")	8/26/1998	Soil	VOCs	Method 8260
B247	B247 (6-12")	3836.22	(6-12")	8/26/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B247	B247 (24")	3836.23	(24")	8/26/1998	Soil	VOCs	Method 8260
B248	B248 (6-12")	3836.24	(6-12")	8/26/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B248	B248 (24")	3836.25	(24")	8/26/1998	Soil	VOCs	Method 8260
B249	B249 (6-12")	3836.26	(6-12")	8/26/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B249	B249 (24")	3836.27	(24")	8/26/1998	Soil	VOCs	Method 8260
B250	B250 (6-12")	3836.28	(6-12")	8/26/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B250	B250 (24")	3836.29	(24")	8/26/1998	Soil	VOCs	Method 8260
B251	B251 (6-12")	3836.30	(6-12")	8/26/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B251	B251 (24")	3836.31	(24")	8/26/1998	Soil	VOCs	Method 8260
B252	B252 (6-12")	3836.32	(6-12")	8/26/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B252	B252 (24")	3836.33	(24")	8/26/1998	Soil	VOCs	Method 8260
B253	B253 (6-12")	3836.34	(6-12")	8/26/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B253	B253 (24")	3836.35	(24")	8/26/1998	Soil	VOCs	Method 8260
B254	B254 (6-12")	3836.36	(6-12")	8/26/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B254	B254 (24")	3836.37	(24")	8/26/1998	Soil	VOCs	Method 8260

Notes:
RDCSCC = Residential Direct Contact Cleanup Criteria pre N.J.A.C. 7:26D.
VOCs = Volatile Organic Compounds; SVOCs = Semi-Volatile Organic Compounds.
Pest/PCBs = Pesticides/Polychlorinated-Biphenyls; TAL Metals = Target Analyte List Metals

Table 4-1
Soil Sampling Results
M5 Landfill Site
Fort Monmouth, New Jersey

Lab Sample ID	NJDEP Cleanup Criteria	3465.03	3465.04	3465.07	3465.08	3465.11	3465.12	3470.03	3470.04	3470.07	3470.08	3470.11	3470.12	3470.15	3470.16	3472.03	3472.04	3472.07	3472.08
Field Sample Location		B01 (6-12")	B01 (24")	B02 (6-12")	B02 (24")	B03 (6-12")	B03 (24")	B04 (6-12")	B04 (24")	B05 (6-12")	B05 (24")	B06 (6-12")	B06 (24")	B07 (6-12")	B07 (24")	B08 (6-12")	B08 (24")	B09 (6-12")	B09 (24")
Sample Date	(mg/kg)	4/8/1998	4/8/1998	4/8/1998	4/8/1998	4/8/1998	4/8/1998	4/9/1998	4/9/1998	4/9/1998	4/9/1998	4/9/1998	4/9/1998	4/9/1998	4/9/1998	4/10/1998	4/10/1998	4/10/1998	4/10/1998
Volatiles (mg/kg)																			
Benzene	3		ND		ND		ND		ND		ND		ND		ND		ND		ND
Chloroform	19		ND		ND		ND		ND		ND		ND		ND		ND		ND
Methylene Chloride	49		ND		ND		ND		ND		ND		ND		ND		ND		ND
Tetrachloroethene	4		ND		ND		ND		ND		ND		ND		ND		ND		ND
Toluene	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND
Semi-Volatiles (mg/kg)																			
Pyridine	NLE	ND		ND		ND		ND		ND		.5J		0.68J		ND		ND	
4-Methylphenol	2800	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Naphthalene	230	ND		ND		ND		ND		ND		ND		ND		ND		ND	
2-Methylnaphthalene	NLE	ND		ND		ND		ND		ND		ND		ND		ND		0.14J	
Dimethylphthalate	10,000	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthylene	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthene	3400	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Dibenzofuran	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Diethylphthalate	10,000	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Fluorene	2300	ND		ND		ND		ND		ND		ND		ND		ND		ND	
n-Nitrosodiphenylamine	140	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Phenanthrene	NLE	0.16J		ND		ND		ND		0.28		ND		1.7		0.15J		0.68	
Anthracene	10,000	ND		ND		ND		ND		ND		ND		0.3		ND		ND	
Di-n-butylphthalate	5700	0.		0.03		0.		0.		0.01		0.01		0.02		0.		0.01	
Fluoranthene	2300	0.17J		ND		ND		ND		0.31		ND		2.1		ND		1.1	
Pyrene	1700	0.28		ND		ND		ND		0.41		ND		1.6		0.15J		0.88	
Butylbenzylphthalate	1100	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzo[a]anthracene	0.9	0.12J		ND		ND		ND		0.18J		ND		**0.99**		0.36		0.2J	
3,3'-Dichlorobenzidine	2	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Chrysene	9	0.23J		ND		ND		ND		0.37		ND		1.5		0.49		0.28J	
bis(2-Ethylhexyl)phthalate	49	0.1J		0.73J		0.11J		0.11J		ND		0.17J		ND		0.15J		ND	
Benzo[b]fluoranthene	0.9	ND		ND		ND		ND		0.17J		ND		0.89		0.16J		0.6	
Benzo[k]fluoranthene	0.9	ND		ND		ND		ND		0.15J		ND		0.86		ND		0.69	
Benzo[a]pyrene	0.66	0.11J		ND		ND		ND		0.17J		ND		**0.82**		0.14J		0.57	
Indeno[1,2,3-cd]pyrene	0.9	ND		ND		ND		ND		ND		ND		0.58		ND		0.39	
Dibenz[a,h]anthracene	0.66	ND		ND		ND		ND		ND		ND		0.24J		ND		ND	
Benzo[g,h,I]perylene	NLE	ND		ND		ND		ND		ND		ND		0.48		ND		0.31	
Pesticides/PCBs (mg/kg)																			
Heptachlor	0.15	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Heptachlor Epoxide	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDE	2	ND		0.001		0.001		0.001		ND		ND		ND		0.006		0.021	
Dieldrin	0.042	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Endrin	17	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Endosulfan II	NLE	0.008		ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDD	3	ND		ND		ND		ND		ND		ND		ND		0.006		ND	
Endrin Aldehyde	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDT	2	ND		ND		ND		ND		ND		ND		ND		0.01		ND	
Endosulfan-Sulfate	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND	
gamma-Chlordane	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND	
alpha-Chlordane	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1254	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Metals (mg/kg)																			
Aluminum	NLE	4632		13450		10970		10250		6368		8343		13830		3691		4474	
Antimony	14	0.891		2.881		1.599		1.421		1.159		0.71		2.079		0.486		1.098	
Arsenic	20	4.12		**20.13**		**32.33**		10.22		9.054		8.85		11.54		19.98		15.98	
Barium	700	13.03		32.88		30.43		21.25		40.37		18.58		116.04		31.68		58.82	
Beryllium	2	0.4862		1.611		1.102		1.015		0.737		0.7328		1.32		0.7184		0.4577	
Cadmium	39	ND		0.201		0.1798		0.2656		0.1551		0.0579		0.541		0.2736		0.5314	
Calcium	NLE	276		748.3		928.7		707.8		459.9		561.5		3956		1373		1105	
Chromium	NLE	46.4		152.8		83.07		84.62		42.42		53.53		75.63		13.02		14.93	
Cobalt	NLE	1.692		5.048		3.708		4.383		1.834		3.863		6.127		4.926		4.535	
Copper	600	2.887		5.284		6.87		2.717		30.09		2.421		254.1		43.77		**2837**	
Iron	NLE	18680		59460		41330		44130		22150		30210		29220		10980		9325	
Lead	400	14.35		24.96		59.27		8.682		135.1		16.31		370.1		57.95		383.9	
Magnesium	NLE	623.7		1468		1548		1250		1222		1051		1571		373.7		423.7	
Manganese	NLE	47.18		69.84		76.15		83.14		50.43		104.4		146		30.67		484.3	
Mercury	14	0.018		0.084		0.949		ND		0.228		ND		0.687		1.257		0.236	
Nickel	250	5.762		18.8		11.78		12.74		6.33		10.08		16.79		12.94		10.39	
Potassium	NLE	1412		3255		4106		2577		3614		2171		4423		690		1241	
Selenium	63	ND		ND		ND		ND		ND		ND		ND		0.785		1.534	
Silver	110	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Sodium	NLE	39.52		37.37		66.18		95.95		124.8		109		969.8		259.8		227.5	
Thallium	2	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Vanadium	370	53.06		200.1		103.1		115.4		37.5		76.97		76.13		24		19.41	
Zinc	1500	36.18		90.91		71.52		62.01		58.64		44.99		178		22.14		942.9	

NOTES:
ND = Not Detected
NLE = No Limit Established
J = Estimated Value: Mass spectrometer and retention time data indicate the presence of the analyte, however the result is less than the method detection limit, but greater than zero.

Table 4-1
Soil Sampling Results
M5 Landfill Site
Fort Monmouth, New Jersey

Lab Sample ID	NJDEP Cleanup Criteria	3472.11	3472.12	3473.03	3473.04	3473.07	3473.08	3473.11	3473.12	3473.15	3473.16	3473.19	3473.20	3477.03	3477.04	3477.07	3477.08	3477.11	3477.12
Field Sample Location		B10 (6-12")	B10 (24")	B11 (6-12")	B11 (24")	B12 (6-12")	B12 (24")	B13 (6-12")	B13 (24")	B14 (6-12")	B14 (24")	B15 (6-12")	B15 (24")	B16 (6-12")	B16 (24")	B17 (6-12")	B17 (24")	B18 (6-12")	B18 (24")
Sample Date	(mg/kg)	4/10/1998	4/10/1998	4/11/1998	4/11/1998	4/11/1998	4/11/1998	4/11/1998	4/11/1998	4/11/1998	4/11/1998	4/11/1998	4/11/1998	4/13/1998	4/13/1998	4/13/1998	4/13/1998	4/13/1998	4/13/1998
Volatiles (mg/kg)																			
Benzene	3		ND		ND		ND		ND		ND		ND		ND		ND		ND
Chloroform	19		ND		ND		ND		ND		ND		ND		ND		ND		ND
Methylene Chloride	49		ND		ND		ND		ND		ND		ND		ND		ND		ND
Tetrachloroethene	4		ND		ND		ND		ND		ND		5		ND		ND		ND
Toluene	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND
Semi-Volatiles (mg/kg)																			
Pyridine	NLE	0.77		ND		ND		ND		ND		0.78J		ND		ND		ND	
4-Methylphenol	2800	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Naphthalene	230	0.13J		ND		ND		ND		ND		ND		ND		0.3		ND	
2-Methylnaphthalene	NLE	0.15J		ND		ND		ND		ND		ND		ND		0.52		ND	
Dimethylphthalate	10,000	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthylene	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthene	3400	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Dibenzofuran	NLE	ND		ND		ND		ND		ND		ND		ND		0.16J		ND	
Diethylphthalate	10,000	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Fluorene	2300	ND		ND		ND		ND		ND		ND		ND		ND		ND	
n-Nitrosodiphenylamine	140	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Phenanthrene	NLE	0.41		ND		ND		0.3		ND		ND		0.2J		0.31		ND	
Anthracene	10,000	ND		ND		ND		0.29		ND		ND		ND		ND		ND	
Di-n-butylphthalate	5700	0.64J		0.9J		0.78J		0.3J		0.33J		0.03		0.82J		0.		0.59J	
Fluoranthene	2300	0.3		ND		ND		0.26		ND		ND		0.43		ND		0.18J	
Pyrene	1700	0.44		ND		ND		0.45		ND		ND		0.42		ND		0.22J	
Butylbenzylphthalate	1100	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzo[a]anthracene	0.9	0.18J		ND		ND		0.18J		ND		ND		0.27		ND		0.25	
3,3'-Dichlorobenzidine	2	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Chrysene	9	0.41		ND		ND		0.35		ND		ND		0.46		0.25J		0.41	
bis(2-Ethylhexyl)phthalate	49	0.18J		0.18J		0.18J		0.16J		0.17J		ND		0.18J		0.25J		0.19J	
Benzo[b]fluoranthene	0.9	0.15J		ND		ND		0.12J		ND		ND		0.27		ND		0.41	
Benzo[k]fluoranthene	0.9	0.15J		ND		ND		0.14J		ND		ND		0.26		ND		0.31	
Benzo[a]pyrene	0.66	0.14J		ND		ND		0.15J		ND		ND		0.27		ND		0.35	
Indeno[1,2,3-cd]pyrene	0.9	ND		ND		ND		ND		ND		ND		0.2J		ND		0.27	
Dibenz[a,h]anthracene	0.66	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzo[g,h,I]perylene	NLE	ND		ND		ND		ND		ND		ND		0.18J		ND		0.22J	
Pesticides/PCBs (mg/kg)																			
Heptachlor	0.15	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Heptachlor Epoxide	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDE	2	ND		ND		0.008		ND		ND		ND		ND		ND		ND	
Dieldrin	0.042	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Endrin	17	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Endosulfan II	NLE	ND		ND		ND		0.009		ND		ND		ND		ND		ND	
4,4'-DDD	3	0.003		ND		0.002		ND		ND		ND		ND		ND		ND	
Endrin Aldehyde	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDT	2	0.006		ND		0.01		ND		ND		ND		0.003		ND		ND	
Endosulfan-Sulfate	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND	
gamma-Chlordane	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND	
alpha-Chlordane	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1254	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Metals (mg/kg)																			
Aluminum	NLE	9667		10420		10180		10770		10610		12770		12110		2705		5034	
Antimony	14	1.569		2.011		1.568		1.548		2.184		2.339		1.504		2.11		0.716	
Arsenic	20	11.87		11.44		11.02		13.28		12.94		14.03		12.91		7.747		10.67	
Barium	700	23.16		23.76		22.06		28.75		21.51		29.59		77.62		19.8		57.41	
Beryllium	2	1.055		1.1		0.9966		1.09		1.376		1.187		1.463		0.3558		0.5955	
Cadmium	39	0.1708		0.1037		0.0837		0.0925		0.3648		0.2357		0.3385		0.482		1.934	
Calcium	NLE	453		555.8		1110		1749		1224		600.2		1370		746.9		1947	
Chromium	NLE	82.74		104.3		86.63		83.47		117.3		98.72		70.59		5.603		13.86	
Cobalt	NLE	4.224		5.456		5.389		3.82		5.631		5.412		5.138		3.41		5.639	
Copper	600	14.52		6.138		4.719		7.043		4.11		2.605		132.3		191.4		504.4	
Iron	NLE	40700		44300		39710		39530		56290		47940		33680		4204		8125	
Lead	400	17.36		8.172		9.266		32.8		8.331		8.012		288.8		**1793**		305.2	
Magnesium	NLE	1019		1049		1442		2317		1445		1278		1392		184.9		348.8	
Manganese	NLE	97.99		86.4		105.6		85.88		115.4		87.25		110.8		24.55		50.34	
Mercury	14	0.091		0.017		0.055		0.467		0.024		0.012		0.437		0.062		0.133	
Nickel	250	12.34		17.5		14.2		12.04		19.62		15.27		15.51		8.915		15.97	
Potassium	NLE	2288		2328		2392		4990		2466		3631		3944		375.3		907.7	
Selenium	63	ND		ND		ND		ND		ND		ND		ND		0.438		0.78	
Silver	110	ND		ND		ND		ND		ND		ND		ND		ND		1.519	
Sodium	NLE	68.42		142.9		66.2		67.71		79.89		83.87		248		152.2		246.7	
Thallium	2	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Vanadium	370	118.7		141		120.3		104.6		166.2		146.2		90.73		10.9		17.17	
Zinc	1500	64.9		65.8		59.62		66.81		108.8		79.64		120.7		46.07		627.4	

NOTES:
ND = Not Detected
NLE = No Limit Established
J = Estimated Value: Mass spectrometer and retention time data indicate the presence of the analyte, however the result is less than the method detection limit, but greater than zero.

Table 4-1
Soil Sampling Results
M5 Landfill Site
Fort Monmouth, New Jersey

Lab Sample ID	NJDEP Cleanup Criteria	3477.15	3477.16	3479.03	3479.04	3479.07	3479.08	3479.11	3479.12	3485.03	3485.04	3485.07	3485.08	3485.11	3485.12	3485.15	3485.16	3498.03	3498.04
Field Sample Location		B19 (6-12")	B19 (24")	B20 (6-12")	B20 (24")	B21 (6-12")	B21 (24")	B22 (6-12")	B22 (24")	B23 (6-12")	B23 (24")	B24 (6-12")	B24 (24")	B25 (6-12")	B25 (24")	B26 (6-12")	B26 (24")	B27 (6-12")	B27 (24")
Sample Date	(mg/kg)	4/13/1998	4/13/1998	4/14/1998	4/14/1998	4/14/1998	4/14/1998	4/14/1998	4/14/1998	4/15/1998	4/15/1998	4/15/1998	4/15/1998	4/15/1998	4/15/1998	4/15/1998	4/15/1998	4/20/1998	4/20/1998
Volatiles (mg/kg)																			
Benzene	3		ND		ND		ND		ND		ND		ND		ND		ND		ND
Chloroform	19		ND		ND		ND		ND		ND		ND		ND		ND		ND
Methylene Chloride	49		ND		ND		ND		ND		ND		ND		ND		ND		ND
Tetrachloroethene	4		ND		ND		ND		ND		**4.8**		3.2		ND		ND		ND
Toluene	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND
Semi-Volatiles (mg/kg)																			
Pyridine	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND	
4-Methylphenol	2800	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Naphthalene	230	ND		ND		ND		ND		ND		ND		ND		ND		0.17J	
2-Methylnaphthalene	NLE	ND		ND		ND		ND		ND		ND		ND		ND		0.21J	
Dimethylphthalate	10,000	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthylene	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthene	3400	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Dibenzofuran	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Diethylphthalate	10,000	ND		ND		ND		ND		ND		ND		ND		ND		0.2J	
Fluorene	2300	ND		ND		ND		ND		ND		ND		ND		ND		ND	
n-Nitrosodiphenylamine	140	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Phenanthrene	NLE	0.56		ND		ND		0.14J		ND		ND		0.19J		0.39		1.3	
Anthracene	10,000	ND		ND		ND		0.14J		ND		ND		ND		ND		0.21J	
Di-n-butylphthalate	5700	0.66J		0.74J		0.75J		0.52J		0.01		0.		0.01		0.		0.01	
Fluoranthene	2300	0.34		ND		ND		0.15J		ND		ND		0.33		0.91		2.8	
Pyrene	1700	0.68		ND		ND		0.22J		ND		ND		0.31		0.77		2.5	
Butylbenzylphthalate	1100	ND		ND		ND		ND		ND		ND		ND		0.12J		ND	
Benzo[a]anthracene	0.9	0.24		ND		ND		ND		ND		ND		0.25		0.54		**1.5**	
3,3'-Dichlorobenzidine	2	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Chrysene	9	0.44		ND		ND		0.19J		ND		ND		0.41		0.83		2.3	
bis(2-Ethylhexyl)phthalate	49	0.18J		0.4		0.19J		0.64		0.13J		0.		0.23J		0.		0.29J	
Benzo[b]fluoranthene	0.9	0.14J		ND		ND		ND		ND		ND		0.29		0.69		**1.6**	
Benzo[k]fluoranthene	0.9	0.15J		ND		ND		ND		ND		ND		0.26		0.56		**1.4**	
Benzo[a]pyrene	0.66	0.17J		ND		ND		ND		ND		ND		0.25		**0.67**		**1.6**	
Indeno[1,2,3-cd]pyrene	0.9	0.11J		ND		ND		ND		ND		ND		0.19J		0.58		**1.2**	
Dibenz[a,h]anthracene	0.66	ND		ND		ND		ND		ND		ND		ND		ND		0.42	
Benzo[g,h,I]perylene	NLE	0.12J		ND		ND		ND		ND		ND		0.17J		0.51		0.95	
Pesticides/PCBs (mg/kg)																			
Heptachlor	0.15	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Heptachlor Epoxide	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDE	2	ND		ND		0.001		ND		ND		ND		0.007		0.001		0.092	
Dieldrin	0.042	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Endrin	17	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Endosulfan II	NLE	ND		ND		ND		0.002		ND		ND		0.005		ND		ND	
4,4'-DDD	3	ND		ND		0.001		ND		ND		ND		0.002		0.002		0.008	
Endrin Aldehyde	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDT	2	ND		ND		ND		ND		ND		ND		0.015		0.001		0.03	
Endosulfan-Sulfate	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND	
gamma-Chlordane	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND	
alpha-Chlordane	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1254	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Metals (mg/kg)																			
Aluminum	NLE	10530		12710		12310		6500		10230		8798		5973		3987		4737	
Antimony	14	1.411		1.18		1.586		0.811		1.933		2.019		0.535		1.402		0.609	
Arsenic	20	**1030**		14.23		12.38		6.743		11.27		11.08		9.377		12.45		14.28	
Barium	700	28.22		26.01		34.1		18.78		18.63		22.06		54.85		93.31		102.3	
Beryllium	2	0.9895		1.228		1.182		0.72		1.132		1.003		0.5943		0.5401		0.5059	
Cadmium	39	1.258		1.41		ND		ND		0.2331		0.4323		0.5041		1.011		1.863	
Calcium	NLE	533.2		750.3		4851		1079		672.4		645.4		2380		1670		2181	
Chromium	NLE	83.08		106.7		109.2		53.19		106.8		92.13		43.8		24.87		25.25	
Cobalt	NLE	2.785		3.228		5.048		2.142		3.946		4.48		3.881		3.974		3.495	
Copper	600	6.488		4.663		5.5		4.971		37.2		11.34		102.8		484.1		566.7	
Iron	NLE	33280		38800		44760		19270		50900		41650		23110		17000		14330	
Lead	400	10.63		16.25		9.176		11.83		17.2		10.74		207.2		**921.5**		**708.5**	
Magnesium	NLE	2199		3160		3428		2083		1176		958.6		1409		378.7		1019	
Manganese	NLE	59.32		76.21		81.37		67.71		74.58		86.61		104.8		97.11		73.72	
Mercury	14	ND		0.019		ND		0.011		ND		ND		0.201		0.485		0.512	
Nickel	250	8.234		10.4		15.46		5.72		13.06		12.94		10.85		13.33		10.33	
Potassium	NLE	4763		5588		3221		4347		2592		1592		1725		684		1454	
Selenium	63	ND		ND		ND		ND		ND		ND		ND		0.888		0.881	
Silver	110	ND		ND		ND		ND		ND		ND		ND		1.574		0.419	
Sodium	NLE	37.78		48.64		235.5		33.37		35.27		58.67		95.4		333.1		159.7	
Thallium	2	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Vanadium	370	66.69		67.64		135.8		34.59		138.4		126.7		51.98		34.2		28.86	
Zinc	1500	42.6		56.35		74.92		32.86		86.32		67.07		163.9		303.7		179.4	

NOTES:
ND = Not Detected
NLE = No Limit Established
J = Estimated Value: Mass spectrometer and retention time data indicate the presence of the analyte, however the result is less than the method detection limit, but greater than zero.

Table 4-1
Soil Sampling Results
M5 Landfill Site
Fort Monmouth, New Jersey

Lab Sample ID	NJDEP Cleanup Criteria	3498.07	3498.08	3498.11	3498.12	3498.15	3498.16	3500.02	3500.03	3500.06	3500.07	3500.10	3500.11	3500.14	3500.15	3500.18	3500.19	3501.02	3501.03
Field Sample Location		B28 (6-12")	B28 (24")	B29 (6-12")	B29 (24")	B30 (6-12")	B30 (24")	B31 (6-12")	B31 (24")	B32 (6-12")	B32 (24")	B33 (6-12")	B33 (24")	B34 (6-12")	B34 (24")	B35 (6-12")	B35 (24")	B36 (6-12")	B36 (24")
Sample Date	(mg/kg)	4/20/1998	4/20/1998	4/20/1998	4/20/1998	4/20/1998	4/20/1998	4/21/1998	4/21/1998	4/21/1998	4/21/1998	4/21/1998	4/21/1998	4/21/1998	4/21/1998	4/21/1998	4/21/1998	4/22/1998	4/22/1998
Volatiles (mg/kg)																			
Benzene	3		ND		ND		ND		ND		ND		ND		ND		ND		ND
Chloroform	19		ND		ND		ND		ND		ND		ND		ND		ND		ND
Methylene Chloride	49		ND		ND		ND		ND		ND		ND		ND		ND		ND
Tetrachloroethene	4		ND		ND		ND		ND		ND		ND		ND		ND		ND
Toluene	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND
Semi-Volatiles (mg/kg)																			
Pyridine	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND	
4-Methylphenol	2800	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Naphthalene	230	0.13J		ND		ND		ND		ND		ND		ND		ND		ND	
2-Methylnaphthalene	NLE	0.16J		ND		ND		ND		ND		0.11J		ND		0.12J		ND	
Dimethylphthalate	10,000	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthylene	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthene	3400	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Dibenzofuran	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Diethylphthalate	10,000	ND		0.12J		0.12J		0.15J		0.14J		0.3		0.18J		ND		ND	
Fluorene	2300	ND		ND		ND		ND		ND		ND		ND		ND		ND	
n-Nitrosodiphenylamine	140	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Phenanthrene	NLE	0.48		0.15J		ND		0.13J		0.17J		0.35		0.28		0.67		0.21	
Anthracene	10,000	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Di-n-butylphthalate	5700	0.89J		0.		0.		0.03		0.		0.		0.		0.01		0.	
Fluoranthene	2300	0.38		0.14J		ND		0.12J		0.25		0.55		0.57		1.3		0.22	
Pyrene	1700	0.6		0.24J		ND		0.19J		0.27		0.52		0.46		1.1		0.33	
Butylbenzylphthalate	1100	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzo[a]anthracene	0.9	0.23		ND		ND		ND		0.17J		0.32		0.35		0.69		0.14J	
3,3'-Dichlorobenzidine	2	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Chrysene	9	0.53		0.19J		ND		0.15J		0.3		0.6		0.57		1.2		0.28	
bis(2-Ethylhexyl)phthalate	49	0.14J		0.18J		0.17J		0.13J		0.16J		0.15J		0.		0.13J		0.13J	
Benzo[b]fluoranthene	0.9	0.19J		ND		ND		ND		0.16J		0.35		0.42		0.84		0.11J	
Benzo[k]fluoranthene	0.9	0.19J		ND		ND		ND		0.15J		0.36		0.34		0.7		0.12J	
Benzo[a]pyrene	0.66	0.22		ND		ND		ND		0.17J		0.37		0.39		**0.72**		0.12J	
Indeno[1,2,3-cd]pyrene	0.9	0.15J		ND		ND		ND		0.12J		0.26		0.3		0.49		ND	
Dibenz[a,h]anthracene	0.66	ND		ND		ND		ND		ND		ND		ND		0.2J		ND	
Benzo[g,h,I]perylene	NLE	0.16J		ND		ND		ND		ND		0.23J		0.25J		0.4		ND	
Pesticides/PCBs (mg/kg)																			
Heptachlor	0.15	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Heptachlor Epoxide	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDE	2	0.016		0.009		0.004		ND		ND		0.037		0.009		0.153		0.003	
Dieldrin	0.042	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Endrin	17	ND		ND		ND		ND		ND		ND		ND		0.023		ND	
Endosulfan II	NLE	ND		0.004		ND		ND		ND		ND		ND		0.01		ND	
4,4'-DDD	3	0.001		ND		ND		ND		ND		0.003		ND		0.02		0.001	
Endrin Aldehyde	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDT	2	0.004		0.001		ND		ND		ND		0.02		0.003		0.051		0.006	
Endosulfan-Sulfate	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND	
gamma-Chlordane	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND	
alpha-Chlordane	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1254	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Metals (mg/kg)																			
Aluminum	NLE	10510		3825		11450		9478		9374		5404		6652		12810		8275	
Antimony	14	2.536		0.562		1.41		1.835		1.035		1.754		2.403		5.962		0.964	
Arsenic	20	11.12		5.409		10.21		12.89		11.15		**32.71**		13.11		**62.27**		9.445	
Barium	700	27.13		21.8		27.58		26		36.46		150		203.9		354.6		22.98	
Beryllium	2	1.382		0.4842		0.9559		1.034		0.8538		0.6234		0.689		**10.89**		0.8057	
Cadmium	39	0.2193		0.0786		0.1311		0.1635		0.2132		2.087		1.975		7.431		0.5996	
Calcium	NLE	775.9		715.5		1593		705.5		1054		4974		3063		2477		635.6	
Chromium	NLE	141.4		28.13		78.5		102.1		70.22		38.59		44.4		72.25		61.12	
Cobalt	NLE	3.636		0.8424		4.455		1.878		3.774		5.207		5.537		55.97		3.707	
Copper	600	7.552		7.933		4.673		8.222		32.05		409.3		428		442.8		8.111	
Iron	NLE	51640		11250		36530		39390		31220		32440		23380		13500		29820	
Lead	400	21.74		39.12		10.71		34.73		70.19		**810.3**		**1090**		**2851**		16.68	
Magnesium	NLE	1088		844.5		1847		1751		1360		2213		878.7		1112		1019	
Manganese	NLE	52.63		39.55		87.83		38.07		123.3		179.6		153.2		174.9		76.98	
Mercury	14	0.064		0.056		0.012		0.184		0.025		0.979		0.662		1.562		0.059	
Nickel	250	11.45		3.095		12.99		8.486		12.04		18.98		22.35		69.97		10.12	
Potassium	NLE	2371		1592		2876		4834		3626		1348		1615		3185		2115	
Selenium	63	ND		ND		ND		ND		ND		0.602		1.104		50.7		0.584	
Silver	110	ND		ND		ND		ND		ND		2.78		3.345		9.425		ND	
Sodium	NLE	49.69		35.99		77.41		39.97		81.26		245.1		186.7		343.3		38.72	
Thallium	2	ND		ND		ND		ND		ND		ND		ND		**47.42**		ND	
Vanadium	370	191.7		19.39		109.7		79.23		76.03		44.85		52.39		84.39		84.38	
Zinc	1500	70.69		55.47		56.71		62.43		82.33		743		828		658.1		45.25	

NOTES:
ND = Not Detected
NLE = No Limit Established
J = Estimated Value: Mass spectrometer and retention time data indicate the presence of the analyte, however the result is less than the method detection limit, but greater than zero.

Table 4-1
Soil Sampling Results
M5 Landfill Site
Fort Monmouth, New Jersey

Lab Sample ID	NJDEP Cleanup Criteria	3501.06	3501.07	3501.10	3501.11	3501.14	3501.15	3501.18	3501.19	3539.02	3539.03	3539.06	3539.07	3543.02	3543.03	3543.06	3543.07	3543.10	3543.11
Field Sample Location		B37 (6-12")	B37 (24")	B38 (6-12")	B38 (24")	B39 (6-12")	B39 (24")	B40 (6-12")	B40 (24")	B41 (6-12")	B41 (24")	B42 (6-12")	B42 (24")	B43 (6-12")	B43 (24")	B44 (6-12")	B44 (24")	B45 (6-12")	B45 (24")
Sample Date	(mg/kg)	4/22/1998	4/22/1998	4/22/1998	4/22/1998	4/22/1998	4/22/1998	4/22/1998	4/22/1998	5/1/1998	5/1/1998	5/1/1998	5/1/1998	5/1/1998	5/1/1998	5/1/1998	5/1/1998	5/1/1998	5/1/1998
Volatiles (mg/kg)																			
Benzene	3		ND		ND		ND		ND		ND		ND		ND		ND		ND
Chloroform	19		ND		ND		ND		ND		ND		ND		ND		ND		ND
Methylene Chloride	49		ND		ND		ND		ND		ND		ND		ND		ND		ND
Tetrachloroethene	4		ND		0.41		ND		3.1		ND		ND		ND		ND		ND
Toluene	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND
Semi-Volatiles (mg/kg)																			
Pyridine	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND	
4-Methylphenol	2800	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Naphthalene	230	ND		ND		ND		ND		0.18J		0.31		ND		0.19J		ND	
2-Methylnaphthalene	NLE	ND		ND		ND		ND		0.26J		0.26J		ND		0.16J		ND	
Dimethylphthalate	10,000	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthylene	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthene	3400	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Dibenzofuran	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Diethylphthalate	10,000	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Fluorene	2300	ND		ND		ND		ND		ND		ND		ND		ND		ND	
n-Nitrosodiphenylamine	140	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Phenanthrene	NLE	ND		ND		ND		ND		0.35		0.64		ND		1.3		0.3	
Anthracene	10,000	ND		ND		ND		ND		ND		ND		ND		0.19J		ND	
Di-n-butylphthalate	5700	0.		0.01		0.04		0.		0.		0.8J		0.4J		0.37J		0.29J	
Fluoranthene	2300	ND		ND		ND		ND		0.34		1.3		ND		2.8		0.71	
Pyrene	1700	ND		ND		ND		ND		0.31		0.96		ND		2.5		0.7	
Butylbenzylphthalate	1100	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzo[a]anthracene	0.9	ND		ND		ND		ND		0.15J		0.65		ND		**1.5**		0.44	
3,3'-Dichlorobenzidine	2	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Chrysene	9	ND		ND		ND		ND		0.41		0.98		0.13J		2.4		0.69	
bis(2-Ethylhexyl)phthalate	49	0.13J		0.15J		ND		ND		0.15J		ND		ND		ND		ND	
Benzo[b]fluoranthene	0.9	ND		ND		ND		ND		0.25J		0.72		ND		**1.6**		0.48	
Benzo[k]fluoranthene	0.9	ND		ND		ND		ND		0.18J		0.59		ND		**1.5**		0.47	
Benzo[a]pyrene	0.66	ND		ND		ND		ND		0.16J		**0.67**		ND		**1.6**		0.5	
Indeno[1,2,3-cd]pyrene	0.9	ND		ND		ND		ND		0.13J		0.58		ND		**1.3**		0.47	
Dibenz[a,h]anthracene	0.66	ND		ND		ND		ND		ND		0.2J		ND		0.47		0.16J	
Benzo[g,h,I]perylene	NLE	ND		ND		ND		ND		0.12J		0.5		ND		1.2		0.42	
Pesticides/PCBs (mg/kg)																			
Heptachlor	0.15	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Heptachlor Epoxide	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDE	2	ND		ND		ND		0.001		0.028		0.007		ND		ND		0.084	
Dieldrin	0.042	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Endrin	17	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Endosulfan II	NLE	ND		ND		ND		ND		ND		0.004		ND		ND		ND	
4,4'-DDD	3	ND		ND		ND		0.001		0.003		0.003		ND		ND		0.007	
Endrin Aldehyde	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDT	2	ND		ND		ND		0.003		0.044		0.033		ND		ND		0.105	
Endosulfan-Sulfate	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND	
gamma-Chlordane	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND	
alpha-Chlordane	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1254	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Metals (mg/kg)																			
Aluminum	NLE	10070		9616		9833		7769		6479		3951		6390		8077		1961	
Antimony	14	1.965		1.819		1.916		1.55		1.413		1.104		ND		1.203		0.382	
Arsenic	20	10.42		9.688		13.1		10.04		12.52		8.959		4.218		11.66		2.255	
Barium	700	24.73		26.09		30.29		20		107.8		181.9		258.9		513.9		16.6	
Beryllium	2	1.032		1.058		1.159		0.8691		0.759		0.4586		0.764		0.8622		0.166	
Cadmium	39	0.1855		0.2547		0.1541		0.1502		0.959		0.489		ND		0.6777		0.4876	
Calcium	NLE	1015		839		612.5		577.6		2137		962.9		1200		2670		10360	
Chromium	NLE	96.84		99.42		106.1		83.34		56.36		36.34		21.06		70.59		17.96	
Cobalt	NLE	4.522		4.232		4.975		4.022		4.604		4.035		5.369		2.42		1.223	
Copper	600	3.796		3.185		3.559		1.854		412.9		207.3		38.4		346.7		28.23	
Iron	NLE	43400		42240		49440		36490		27420		21350		8584		21940		6391	
Lead	400	8.622		8.58		10.66		5.945		**629.1**		**502.5**		39.9		275.5		228.1	
Magnesium	NLE	1311		1022		899.6		789.1		1009		485		331.2		2943		5665	
Manganese	NLE	103.8		85.25		110.2		86.79		193.3		102.6		68.44		84.22		52.05	
Mercury	14	0.025		0.014		0.037		0.013		0.891		0.754		0.085		0.164		10.194	
Nickel	250	14.97		15.78		15.84		10.83		19.73		10.93		13.84		13.28		4.67	
Potassium	NLE	2342		1607		1726		1611		1890		864.1		525.2		3791		722.3	
Selenium	63	ND		ND		ND		ND		0.627		0.859		1.417		0.473		ND	
Silver	110	ND		ND		ND		ND		0.945		ND		2.362		0.993		ND	
Sodium	NLE	40.28		45.41		62.79		32.38		154.9		103.4		216.8		221.4		174.2	
Thallium	2	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Vanadium	370	131.4		139		159.7		103.5		59.51		43.68		20.79		30.96		14.38	
Zinc	1500	64.17		70.04		71.88		58.82		433.1		250.3		48.22		**1598**		62.64	

NOTES:
ND = Not Detected
NLE = No Limit Established
J = Estimated Value: Mass spectrometer and retention time data indicate the presence of the analyte, however the result is less than the method detection limit, but greater than zero.

Table 4-1
Soil Sampling Results
M5 Landfill Site
Fort Monmouth, New Jersey

Lab Sample ID	NJDEP Cleanup Criteria	3543.14	3543.15	3547.02	3547.03	3547.06	3547.07	3547.10	3547.11	3547.14	3547.15	3547.18	3547.19	3550.03	3550.04	3550.07	3550.08	3550.11	3550.12
Field Sample Location		B46 (6-12")	B46 (24")	B47 (6-12")	B47 (24")	B48 (6-12")	B48 (24")	B49 (6-12")	B49 (24")	B50 (6-12")	B50 (24")	B51 (6-12")	B51 (24")	B52 (6-12")	B52 (24")	B53 (6-12")	B53 (24")	B54 (6-12")	B54 (24")
Sample Date	(mg/kg)	5/1/1998	5/1/1998	5/5/1998	5/5/1998	5/5/1998	5/5/1998	5/5/1998	5/5/1998	5/5/1998	5/5/1998	5/5/1998	5/5/1998	5/6/1998	5/6/1998	5/6/1998	5/6/1998	5/6/1998	5/6/1998
Volatiles (mg/kg)																			
Benzene	3		ND		ND		ND		ND		ND		ND		ND		ND		ND
Chloroform	19		ND		ND		ND		ND		ND		ND		ND		ND		ND
Methylene Chloride	49		ND		ND		ND		ND		ND		ND		ND		ND		ND
Tetrachloroethene	4		0.45		ND		ND		ND		ND		ND		ND		ND		ND
Toluene	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND
Semi-Volatiles (mg/kg)																			
Pyridine	NLE	ND		ND		ND		0.58		ND		ND		ND		ND		ND	
4-Methylphenol	2800	0.16J		ND		ND		ND		ND		ND		ND		ND		ND	
Naphthalene	230	ND		ND		ND		ND		ND		ND		ND		ND		ND	
2-Methylnaphthalene	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Dimethylphthalate	10,000	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthylene	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthene	3400	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Dibenzofuran	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Diethylphthalate	10,000	ND		0.11J		ND		ND		ND		ND		ND		ND		ND	
Fluorene	2300	ND		ND		ND		ND		ND		ND		ND		ND		ND	
n-Nitrosodiphenylamine	140	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Phenanthrene	NLE	0.32		ND		ND		ND		ND		0.14J		0.11J		0.24		0.11J	
Anthracene	10,000	ND		ND		ND		ND		ND		0.13J		ND		0.24		ND	
Di-n-butylphthalate	5700	0.		0.		0.63J		0.49J		0.26J		0.		ND		0.35J		0.	
Fluoranthene	2300	0.56		ND		0.12J		ND		0.17J		0.16J		ND		0.26		0.16J	
Pyrene	1700	0.53		ND		ND		ND		0.13J		0.23J		0.17J		0.41		0.24	
Butylbenzylphthalate	1100	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzo[a]anthracene	0.9	0.31		ND		ND		ND		ND		ND		ND		0.19J		0.17J	
3,3'-Dichlorobenzidine	2	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Chrysene	9	0.51		ND		ND		ND		0.13J		0.18J		0.14J		0.37		0.23J	
bis(2-Ethylhexyl)phthalate	49	0.		ND		ND		0.14J		0.12J		0.14J		ND		ND		0.22J	
Benzo[b]fluoranthene	0.9	0.33		ND		ND		ND		ND		ND		ND		0.11J		ND	
Benzo[k]fluoranthene	0.9	0.35		ND		ND		ND		ND		ND		ND		0.14J		0.11J	
Benzo[a]pyrene	0.66	0.36		ND		ND		ND		ND		ND		ND		0.17J		0.11J	
Indeno[1,2,3-cd]pyrene	0.9	0.31		ND		ND		ND		ND		ND		ND		0.11J		ND	
Dibenz[a,h]anthracene	0.66	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzo[g,h,I]perylene	NLE	0.28		ND		ND		ND		ND		ND		ND		0.11J		ND	
Pesticides/PCBs (mg/kg)																			
Heptachlor	0.15	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Heptachlor Epoxide	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDE	2	0.052		0.004		ND		ND		0.004		ND		ND		0.027		0.009	
Dieldrin	0.042	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Endrin	17	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Endosulfan II	NLE	ND		ND		ND		ND		ND		ND		0.013		0.019		ND	
4,4'-DDD	3	0.008		ND		ND		0.001		0.001		ND		ND		ND		0.019	
Endrin Aldehyde	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDT	2	0.075		0.004		ND		ND		0.01		ND		ND		ND		0.092	
Endosulfan-Sulfate	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND	
gamma-Chlordane	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND	
alpha-Chlordane	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1254	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Metals (mg/kg)																			
Aluminum	NLE	4464		1986		3363		4876		3699		8596		8267		4460		6246	
Antimony	14	0.639		0.388		0.95		0.791		0.497		1.713		1.263		0.547		1.532	
Arsenic	20	8.122		1.719		8.626		12.79		3.172		**27.93**		14.36		4.293		**147.5**	
Barium	700	69.01		10.23		113.8		76.99		16.51		27.23		29.54		25.47		14.72	
Beryllium	2	0.4403		0.3672		0.4112		0.6963		0.7032		1.108		0.9403		0.412		0.7216	
Cadmium	39	0.9829		ND		0.2786		0.1114		ND		0.1293		ND		ND		ND	
Calcium	NLE	2705		277		933.3		1111		476.2		943.5		664.1		452.9		440.1	
Chromium	NLE	36.61		21.36		23.73		52.57		30.82		108.5		87.14		31.37		81.6	
Cobalt	NLE	2.495		0.3853		2.388		1.731		0.3871		3.129		6.07		1.335		0.8229	
Copper	600	262.8		2.913		532.4		60.76		4.304		7.103		15.39		17.84		6.733	
Iron	NLE	18840		7617		20580		22280		10500		47660		40040		10340		30770	
Lead	400	273.5		8.632		**845.1**		226.7		6.099		40.53		55.83		22.07		14.64	
Magnesium	NLE	928.1		534.1		574.5		1066		602.6		963.9		1089		698.6		2093	
Manganese	NLE	725.6		10.21		107.1		71.47		20.24		65.67		153.5		74.62		30.56	
Mercury	14	5.04		0.039		0.51		5.141		0.074		0.225		0.588		0.037		0.036	
Nickel	250	7.3		2.299		7.715		6.521		3.713		12.48		11.51		2.826		3.717	
Potassium	NLE	1955		1048		1422		2485		918.9		2085		2466		1529		6333	
Selenium	63	ND		0.372		0.4		ND		ND		ND		ND		ND		0.599	
Silver	110	0.512		ND		1.123		ND		ND		ND		ND		ND		ND	
Sodium	NLE	312.4		144.3		96.56		71.52		266.9		393.3		52.66		40.01		229.7	
Thallium	2	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Vanadium	370	33.38		16.22		17.18		39.23		26.17		126.4		79.15		18.81		32.76	
Zinc	1500	**1809**		46.14		209.5		100.6		49.56		68.26		91.96		35.88		28.84	

NOTES:
ND = Not Detected
NLE = No Limit Established
J = Estimated Value: Mass spectrometer and retention time data indicate the presence of the analyte, however the result is less than the method detection limit, but greater than zero.

Table 4-1
Soil Sampling Results
M5 Landfill Site
Fort Monmouth, New Jersey

Lab Sample ID	NJDEP Cleanup Criteria	3550.15	3550.16	3561.02	3561.03	3561.06	3561.07	3561.10	3561.11	3561.14	3561.15	3567.02	3567.03	3567.06	3567.07	3567.10	3567.11	3567.14	3567.15
Field Sample Location		B55 (6-12")	B55 (24")	B56 (6-12")	B56 (24")	B57 (6-12")	B57 (24")	B58 (6-12")	B58 (24")	B59 (6-12")	B59 (24")	B60 (6-12")	B60 (24")	B61 (6-12")	B61 (24")	B62 (6-12")	B62 (24")	B63 (6-12")	B63 (20")
Sample Date	(mg/kg)	5/6/1998	5/6/1998	5/11/1998	5/11/1998	5/11/1998	5/11/1998	5/11/1998	5/11/1998	5/11/1998	5/11/1998	5/14/1998	5/14/1998	5/14/1998	5/14/1998	5/14/1998	5/14/1998	5/14/1998	5/14/1998
Volatiles (mg/kg)																			
Benzene	3		ND		ND		ND		ND		ND		ND		ND		ND		ND
Chloroform	19		ND		ND		ND		ND		ND		ND		ND		ND		ND
Methylene Chloride	49		ND		ND		ND		ND		ND		ND		ND		ND		ND
Tetrachloroethene	4		ND		ND		ND		ND		ND		ND		ND		ND		ND
Toluene	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND
Semi-Volatiles (mg/kg)																			
Pyridine	NLE	0.42		ND		ND		ND		ND		ND		ND		ND		ND	
4-Methylphenol	2800	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Naphthalene	230	ND		ND		ND		ND		ND		ND		ND		ND		ND	
2-Methylnaphthalene	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Dimethylphthalate	10,000	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthylene	NLE	ND		ND		ND		ND		ND		ND		ND		ND		0.14J	
Acenaphthene	3400	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Dibenzofuran	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Diethylphthalate	10,000	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Fluorene	2300	ND		ND		ND		ND		ND		ND		ND		ND		ND	
n-Nitrosodiphenylamine	140	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Phenanthrene	NLE	ND		ND		0.25		ND		ND		0.44		ND		ND		0.54	
Anthracene	10,000	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Di-n-butylphthalate	5700	0.9J		0.36J		0.57J		0.		0.43J		0.61J		0.88J		0.45J		0.38J	
Fluoranthene	2300	ND		ND		0.3		ND		0.14J		0.71		0.14J		ND		0.89	
Pyrene	1700	ND		ND		0.45		ND		0.12J		0.53		0.15J		ND		1.3	
Butylbenzylphthalate	1100	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzo[a]anthracene	0.9	ND		ND		0.21J		ND		ND		0.28		ND		ND		0.56	
3,3'-Dichlorobenzidine	2	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Chrysene	9	ND		ND		0.29		ND		ND		0.3		0.13J		ND		0.88	
bis(2-Ethylhexyl)phthalate	49	0.13J		ND		0.14J		0.2J		ND		0.2J		0.22J		0.11J		0.21J	
Benzo[b]fluoranthene	0.9	ND		ND		ND		ND		ND		0.22J		ND		ND		0.41	
Benzo[k]fluoranthene	0.9	ND		ND		0.13J		ND		ND		0.24		ND		ND		0.52	
Benzo[a]pyrene	0.66	ND		ND		0.15J		ND		ND		0.26		ND		ND		0.58	
Indeno[1,2,3-cd]pyrene	0.9	ND		ND		ND		ND		ND		0.18J		ND		ND		0.37	
Dibenz[a,h]anthracene	0.66	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzo[g,h,I]perylene	NLE	ND		ND		ND		ND		ND		0.17J		ND		ND		0.44	
Pesticides/PCBs (mg/kg)																			
Heptachlor	0.15	ND		ND		ND		ND		0.014		ND		ND		ND		ND	
Heptachlor Epoxide	NLE	ND		ND		ND		ND		0.261		ND		ND		ND		ND	
4,4'-DDE	2	0.006		0.227		0.039		0.004		**2.058**		0.003		0.005		0.001		0.007	
Dieldrin	0.042	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Endrin	17	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Endosulfan II	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDD	3	0.002		ND		ND		ND		2.68		ND		ND		ND		ND	
Endrin Aldehyde	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDT	2	0.012		0.17		0.06		0.007		**11.182**		0.002		0.007		ND		0.01	
Endosulfan-Sulfate	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND	
gamma-Chlordane	NLE	ND		ND		ND		ND		0.577		ND		ND		ND		ND	
alpha-Chlordane	NLE	ND		ND		ND		ND		0.409		ND		ND		ND		ND	
Arochlor 1254	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Metals (mg/kg)																			
Aluminum	NLE	7988		11380		10290		1884		2975		13190		9246		5436		7195	
Antimony	14	1.149		1.246		1.868		0.326		0.48		1.266		0.86		0.921		1.01	
Arsenic	20	10.36		16.81		14.94		1.201		7.456		10.76		7.677		5.493		8.63	
Barium	700	101.2		44.19		88.58		5.948		27.13		34.64		21.61		18.86		111.8	
Beryllium	2	0.9041		1.233		0.9952		0.3044		0.3715		1.496		1.056		0.6189		0.8207	
Cadmium	39	ND		ND		0.2176		0.1125		0.2638		ND		ND		0.7023		0.2273	
Calcium	NLE	950.6		1662		1169		152.9		400.1		1188		491.6		181.1		1930	
Chromium	NLE	58.97		90.25		78.52		14.29		18.99		100.1		82.22		49.99		57.85	
Cobalt	NLE	2.301		2.645		4.073		0.2267		1.23		2.967		1.778		0.5732		1.54	
Copper	600	14.76		15.96		83.51		3.742		9.851		5.622		3.459		20.54		50.68	
Iron	NLE	24580		32850		34590		5510		7582		36290		26710		15460		22510	
Lead	400	45.25		108.8		**2379**		8.725		71.13		10.39		9.338		94.89		**673.7**	
Magnesium	NLE	2144		3720		1506		335.4		664.8		3941		2704		948.3		1648	
Manganese	NLE	147.5		76.07		118.1		5.243		21.19		95.3		47.43		18.48		144	
Mercury	14	0.213		0.9		0.459		0.039		**17.584**		0.671		0.058		0.161		0.115	
Nickel	250	7.104		8.858		13.31		1.59		4.389		7.747		5.302		3.305		8.803	
Potassium	NLE	5418		7138		4203		460.3		1084		7084		5398		2311		3715	
Selenium	63	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Silver	110	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Sodium	NLE	159.4		71.89		110.9		25.7		57.27		81.7		49.79		51.48		439.1	
Thallium	2	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Vanadium	370	29.63		42.8		82.13		13.82		18.5		44.53		37.72		39.39		27.81	
Zinc	1500	58.2		81.92		178.4		26.47		73.37		59.43		41.41		32.25		338.9	

NOTES:
ND = Not Detected
NLE = No Limit Established
J = Estimated Value: Mass spectrometer and retention time data indicate the presence of the analyte, however the result is less than the method detection limit, but greater than zero.

Table 4-1
Soil Sampling Results
M5 Landfill Site
Fort Monmouth, New Jersey

Lab Sample ID	NJDEP Cleanup Criteria	3567.16	3567.19	3567.20	3571.02	3571.03	3571.06	3571.07	3571.10	3571.11	3571.13	3571.14	3571.17	3571.18	3576.02	3576.03	3576.06	3576.07	3576.10
Field Sample Location		B63 (24")	B64 (6-12")	B64 (24")	B65 (6-12")	B65 (24")	B66 (6-12")	B66 (24")	B67 (6-12")	B67 (24")	B68 (6-12")	B68 (24")	B69 (6-12")	B69 (24")	B70 (6-12")	B70 (24")	B71 (6-12")	B71 (24")	B72 (6-12")
Sample Date	(mg/kg)	5/14/1998	5/14/1998	5/14/1998	5/15/1998	5/15/1998	5/15/1998	5/15/1998	5/15/1998	5/15/1998	5/15/1998	5/15/1998	5/15/1998	5/15/1998	5/18/1998	5/18/1998	5/18/1998	5/18/1998	5/18/1998
Volatiles (mg/kg)																			
Benzene	3	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Chloroform	19	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Methylene Chloride	49	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Tetrachloroethene	4	ND		ND		ND		ND		ND		1.6		ND		ND		ND	
Toluene	1000	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Semi-Volatiles (mg/kg)																			
Pyridine	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND
4-Methylphenol	2800		ND		ND		ND		ND		ND		ND		ND		ND		ND
Naphthalene	230		ND		ND		ND		ND		ND		0.12J		ND		0.22J		0.22J
2-Methylnaphthalene	NLE		ND		ND		ND		ND		ND		0.14J		ND		0.26J		0.23J
Dimethylphthalate	10,000		ND		ND		ND		ND		ND		ND		ND		ND		ND
Acenaphthylene	NLE		0.15J		ND		ND		0.19J		ND		ND		ND		0.74		ND
Acenaphthene	3400		ND		ND		ND		ND		ND		ND		ND		0.18J		ND
Dibenzofuran	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND
Diethylphthalate	10,000		ND		ND		ND		ND		ND		ND		ND		ND		ND
Fluorene	2300		ND		ND		ND		ND		ND		ND		ND		0.46		ND
n-Nitrosodiphenylamine	140		ND		ND		ND		ND		ND		ND		ND		ND		ND
Phenanthrene	NLE		1.1		ND		ND		1.5		0.17J		0.95		ND		3.8		1.2
Anthracene	10,000		ND		ND		ND		ND		ND		0.15J		ND		0.74		0.13J
Di-n-butylphthalate	5700		0.82J		0.21J		0.59J		0.25J		0.18J		0.22J		0.54J		0.		0.82J
Fluoranthene	2300		1.2		ND		0.17J		1.2		0.14J		1.5		ND		4.5		2.3
Pyrene	1700		2.2		ND		0.15J		2.1		0.2J		1.3		ND		6.4		2.2
Butylbenzylphthalate	1100		ND		ND		ND		ND		ND		ND		ND		ND		ND
Benzo[a]anthracene	0.9		0.66		ND		ND		0.76		ND		0.7		ND		**3.1**		**0.97**
3,3'-Dichlorobenzidine	2		ND		ND		ND		ND		ND		ND		ND		ND		ND
Chrysene	9		1.5		ND		0.12J		1.2		0.18J		0.97		ND		5.0		1.7
bis(2-Ethylhexyl)phthalate	49		0.28J		ND		0.12J		ND		ND		0.11J		ND		ND		ND
Benzo[b]fluoranthene	0.9		0.56		ND		0.11J		0.41		ND		0.74		ND		**2.4**		**1.2**
Benzo[k]fluoranthene	0.9		0.56		ND		0.11J		0.53		ND		0.7		ND		**2.4**		**1.2**
Benzo[a]pyrene	0.66		0.66		ND		0.12J		**0.72**		ND		**0.72**		ND		**3**		**1.1**
Indeno[1,2,3-cd]pyrene	0.9		0.44		ND		ND		0.43		ND		0.47		ND		**1.9**		0.76
Dibenz[a,h]anthracene	0.66		ND		ND		ND		ND		ND		ND		ND		**1**		ND
Benzo[g,h,I]perylene	NLE		0.54		ND		ND		0.53		ND		0.45		ND		2.3		0.77
Pesticides/PCBs (mg/kg)																			
Heptachlor	0.15		ND		ND		ND		ND		ND		ND		ND		ND		ND
Heptachlor Epoxide	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND
4,4'-DDE	2		1.184		0.002		ND		ND		0.041		0.069		0.001		0.103		0.087
Dieldrin	0.042		ND		ND		ND		ND		ND		ND		ND		ND		ND
Endrin	17		ND		ND		ND		ND		ND		ND		ND		ND		ND
Endosulfan II	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND
4,4'-DDD	3		0.196		ND		ND		ND		ND		0.038		ND		ND		ND
Endrin Aldehyde	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND
4,4'-DDT	2		0.532		0.002		ND		ND		0.069		0.287		0.002		0.104		0.072
Endosulfan-Sulfate	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND
gamma-Chlordane	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND
alpha-Chlordane	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND
Arochlor 1254	0.49		ND		ND		ND		ND		ND		ND		ND		ND		ND
Metals (mg/kg)																			
Aluminum	NLE		15670		8058		3044		7248		6761		7952		11120		9388		8881
Antimony	14		1.059		0.997		0.443		0.35		1.209		1.305		1.249		0.789		0.724
Arsenic	20		14.6		7.83		3.083		7.19		11.44		10.21		10.11		9.62		8.338
Barium	700		52.75		28.5		21.9		15.88		44.56		125.5		25.88		51.51		58.95
Beryllium	2		1.179		0.8404		0.4444		0.604		0.8332		0.8544		1.128		0.9041		0.6764
Cadmium	39		ND		ND		ND		ND		0.1382		1.154		ND		ND		0.1899
Calcium	NLE		969		744.4		266.5		518.3		1209		1407		586.5		1169		1570
Chromium	NLE		81.95		68.44		23.91		42.72		57.83		51.07		114.5		77.94		46.85
Cobalt	NLE		4.367		3.136		0.5376		2.701		4.179		5.826		4.8		3.255		3.326
Copper	600		8.773		5.669		7.449		3.409		42.05		**1544**		2.028		39.85		46.73
Iron	NLE		34010		29740		8577		25900		27790		27860		47050		33340		17160
Lead	400		20.2		30.1		37.51		9.825		90.71		**852.3**		11.87		122.6		58.5
Magnesium	NLE		2740		1237		710.2		895.3		730.7		817.3		1074		1435		1940
Manganese	NLE		175.4		76.07		29.05		79.87		54.71		195.3		103.5		76.53		89.7
Mercury	14		0.17		0.074		0.088		0.068		0.268		ND		ND		0.079		0.115
Nickel	250		13.41		9.24		2.565		7.65		10.39		17.71		16.38		10.52		8.935
Potassium	NLE		5202		3399		1602		1460		1202		1922		2684		3817		4607
Selenium	63		ND		ND		ND		ND		ND		ND		ND		ND		ND
Silver	110		ND		ND		ND		ND		ND		1.082		ND		ND		ND
Sodium	NLE		287.7		56.68		11.9		43.74		72.72		175.9		92.7		92.75		262.7
Thallium	2		ND		ND		ND		ND		ND		ND		ND		ND		ND
Vanadium	370		74.48		74.42		14.64		56.21		74.83		52.52		148.9		82.7		34.6
Zinc	1500		73.04		55.34		43.34		42.07		49.92		455		81.93		117.6		123.4

NOTES:
ND = Not Detected
NLE = No Limit Established
J = Estimated Value: Mass spectrometer and retention time data indicate the presence of the analyte, however the result is less than the method detection limit, but greater than zero.

Table 4-1
Soil Sampling Results
M5 Landfill Site
Fort Monmouth, New Jersey

Lab Sample ID	NJDEP Cleanup Criteria	3576.11	3576.14	3576.15	3580.02	3580.03	3580.05	3580.06	3580.08	3580.09	3580.11	3580.12	3580.14	3580.15	3580.18	3580.19	3580.22	3580.23	3580.26
Field Sample Location		B72 (24")	B73 (6-12")	B73 (24")	B74 (6-12")	B74 (24")	B75 (6-12")	B75 (24")	B76 (6-12")	B76 (24")	B77 (6-12")	B77 (24")	B78 (6-12")	B78 (24")	B79 (6-12")	B79 (24")	B80 (6-12")	B80 (24")	B81 (6-12")
Sample Date	(mg/kg)	5/18/1998	5/18/1998	5/18/1998	5/19/1998	5/19/1998	5/19/1998	5/19/1998	5/19/1998	5/19/1998	5/19/1998	5/19/1998	5/19/1998	5/19/1998	5/19/1998	5/19/1998	5/19/1998	5/19/1998	5/19/1998
Volatiles (mg/kg)																			
Benzene	3	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Chloroform	19	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Methylene Chloride	49	0.31J		ND		ND		ND		ND		ND		ND		ND		ND	
Tetrachloroethene	4	ND		ND		ND		ND		0.77		ND		ND		ND		ND	
Toluene	1000	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Semi-Volatiles (mg/kg)																			
Pyridine	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND
4-Methylphenol	2800		ND		ND		ND		ND		ND		ND		ND		ND		ND
Naphthalene	230		ND		ND		ND		ND		ND		ND		ND		ND		0.4
2-Methylnaphthalene	NLE		ND		ND		ND		ND		ND		ND		ND		ND		0.66
Dimethylphthalate	10,000		ND		ND		ND		ND		ND		ND		ND		ND		0.12J
Acenaphthylene	NLE		ND		ND		ND		ND		ND		ND		ND		ND		0.11J
Acenaphthene	3400		ND		ND		ND		ND		ND		ND		ND		ND		ND
Dibenzofuran	NLE		ND		ND		ND		ND		ND		ND		ND		ND		0.25
Diethylphthalate	10,000		ND		ND		ND		ND		ND		ND		ND		ND		0.17J
Fluorene	2300		ND		ND		ND		ND		ND		ND		ND		ND		0.11J
n-Nitrosodiphenylamine	140		ND		ND		ND		ND		ND		ND		ND		ND		0.15J
Phenanthrene	NLE		0.25		0.12J		0.48		0.72		0.17J		0.13J		ND		ND		0.57
Anthracene	10,000		ND		ND		ND		ND		ND		ND		ND		ND		0.16J
Di-n-butylphthalate	5700		0.51J		0.32J		0.76J		0.78J		0.38J		0.67J		0.6J		0.27J		0.84J
Fluoranthene	2300		0.33		0.13J		0.3		0.5		0.19J		ND		ND		ND		0.4
Pyrene	1700		0.56		0.17J		0.51		0.82		0.12J		0.12J		ND		ND		0.58
Butylbenzylphthalate	1100		ND		ND		ND		ND		ND		ND		ND		ND		ND
Benzo[a]anthracene	0.9		0.24		ND		0.18J		0.31		ND		ND		ND		ND		0.3
3,3'-Dichlorobenzidine	2		ND		ND		ND		ND		ND		ND		ND		ND		ND
Chrysene	9		0.43		0.12J		0.3		0.52		ND		ND		ND		ND		0.51
bis(2-Ethylhexyl)phthalate	49		ND		ND		0.28J		0.1J		ND		ND		ND		ND		ND
Benzo[b]fluoranthene	0.9		0.21J		ND		0.11J		0.2J		ND		ND		ND		ND		0.18J
Benzo[k]fluoranthene	0.9		0.23		ND		0.13J		0.22		ND		ND		ND		ND		0.22
Benzo[a]pyrene	0.66		0.26		ND		0.13J		0.29		ND		ND		ND		ND		0.24
Indeno[1,2,3-cd]pyrene	0.9		ND		ND		ND		0.16J		ND		ND		ND		ND		0.15J
Dibenz[a,h]anthracene	0.66		ND		ND		ND		ND		ND		ND		ND		ND		ND
Benzo[g,h,I]perylene	NLE		0.22J		ND		ND		0.19J		ND		ND		ND		ND		0.19J
Pesticides/PCBs (mg/kg)																			
Heptachlor	0.15		ND		ND		ND		ND		ND		ND		ND		ND		ND
Heptachlor Epoxide	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND
4,4'-DDE	2		0.005		0.009		ND		ND		ND		0.01		0.002		0.005		ND
Dieldrin	0.042		ND		ND		ND		ND		ND		ND		ND		ND		ND
Endrin	17		ND		ND		ND		ND		ND		ND		ND		ND		ND
Endosulfan II	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND
4,4'-DDD	3		ND		ND		ND		ND		ND		ND		ND		ND		ND
Endrin Aldehyde	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND
4,4'-DDT	2		0.005		0.01		ND		ND		ND		0.007		0.002		0.006		ND
Endosulfan-Sulfate	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND
gamma-Chlordane	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND
alpha-Chlordane	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND
Arochlor 1254	0.49		ND		ND		ND		ND		ND		ND		ND		ND		ND
Metals (mg/kg)																			
Aluminum	NLE		8643		2868		1781		6780		8537		10590		10590		10450		2577
Antimony	14		1.158		0.57		ND		0.686		1.309		1.531		1.531		1.642		0.308
Arsenic	20		7.981		4.511		1.452		6.874		8.003		10.88		10.88		10.26		5.594
Barium	700		25.84		12.69		5.525		26.72		24.35		24.94		24.94		24.91		36.08
Beryllium	2		0.867		0.4361		0.2615		0.6806		0.9024		1.19		1.19		1.143		0.2973
Cadmium	39		ND		ND		ND		ND		ND		ND		ND		ND		0.0968
Calcium	NLE		691		327.2		117.9		510		440.1		809.2		809.2		611.8		865.2
Chromium	NLE		85.23		27.92		18.67		61.92		97.55		96.08		96.08		112.3		11.66
Cobalt	NLE		5.769		0.7721		0.4013		2.925		2.623		5.587		5.587		5.818		1.554
Copper	600		6.715		5.597		2.002		8.638		3.266		27.74		27.74		4.975		17.64
Iron	NLE		34570		10120		6671		28090		36430		56400		56400		47360		6221
Lead	400		75.52		18.46		5.525		48.57		16.89		33.19		33.19		65.52		36.85
Magnesium	NLE		941		664.5		334.2		887.6		863.8		1385		1385		1003		318.6
Manganese	NLE		168.8		30.3		13.35		67.87		62.27		160.5		160.5		141.4		17.63
Mercury	14		0.053		0.041		ND		0.028		0.029		ND		ND		ND		0.061
Nickel	250		11.23		2.749		1.679		8.334		10.82		13.68		13.68		15.43		4.848
Potassium	NLE		2201		1340		614.6		1966		2023		3911		3911		2351		648.6
Selenium	63		ND		ND		ND		ND		ND		ND		ND		ND		0.385
Silver	110		ND		ND		ND		ND		ND		ND		ND		ND		ND
Sodium	NLE		62.74		61.08		27.75		32.16		31.08		150.5		150.5		27.11		138.3
Thallium	2		ND		ND		ND		ND		ND		ND		ND		ND		ND
Vanadium	370		101.9		22.17		16.56		73.25		103		123		123		154.8		18.03
Zinc	1500		104.7		25.57		12.77		53.92		58.91		72.31		72.31		70.89		29.27

NOTES:
ND = Not Detected
NLE = No Limit Established
J = Estimated Value: Mass spectrometer and retention time data indicate the presence of the analyte, however the result is less than the method detection limit, but greater than zero.

Table 4-1
Soil Sampling Results
M5 Landfill Site
Fort Monmouth, New Jersey

Lab Sample ID	NJDEP Cleanup Criteria (mg/kg)	3580.27	3580.30	3580.31	3580.34	3580.35	3584.02	3584.03	3584.06	3584.07	3584.10	3584.11	3584.14	3584.15	3584.18	3584.19	3584.22	3584.23	3584.26
Field Sample Location		B81 (24")	B82 (6-12")	B82 (24")	B83 (6-12")	B83 (24")	B84 (6-12")	B84 (24")	B85 (6-12")	B85 (24")	B86 (6-12")	B86 (24")	B87 (6-12")	B87 (24")	B88 (6-12")	B88 (24")	B89 (6-12")	B89 (24")	B90 (6-12")
Sample Date		5/19/1998	5/19/1998	5/19/1998	5/19/1998	5/19/1998	5/20/1998	5/20/1998	5/20/1998	5/20/1998	5/20/1998	5/20/1998	5/20/1998	5/20/1998	5/20/1998	5/20/1998	5/20/1998	5/20/1998	5/20/1998
Volatiles (mg/kg)																			
Benzene	3	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Chloroform	19	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Methylene Chloride	49	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Tetrachloroethene	4	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Toluene	1000	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Semi-Volatiles (mg/kg)																			
Pyridine	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND
4-Methylphenol	2800		ND		ND		ND		ND		ND		ND		ND		ND		ND
Naphthalene	230		ND		ND		2.3		ND		ND		ND		ND		ND		0.13J
2-Methylnaphthalene	NLE		ND		ND		4.9		ND		ND		ND		ND		ND		0.17J
Dimethylphthalate	10,000		ND		ND		ND		ND		ND		ND		ND		ND		ND
Acenaphthylene	NLE		ND		ND		4.4		ND		ND		ND		ND		ND		ND
Acenaphthene	3400		ND		ND		1.9		ND		ND		ND		ND		ND		ND
Dibenzofuran	NLE		ND		ND		0.54		ND		ND		ND		ND		ND		ND
Diethylphthalate	10,000		ND		ND		ND		ND		ND		ND		ND		ND		ND
Fluorene	2300		ND		ND		5.3		ND		ND		ND		ND		ND		ND
n-Nitrosodiphenylamine	140		ND		ND		ND		ND		ND		ND		ND		ND		ND
Phenanthrene	NLE		ND		ND		29E		ND		ND		ND		ND		ND		0.48
Anthracene	10,000		ND		ND		3.2		ND		ND		ND		ND		ND		ND
Di-n-butylphthalate	5700		0.17J		0.18J		0.27J		0.64J		0.87J		0.66J		0.29J		ND		0.51J
Fluoranthene	2300		ND		ND		16E		ND		ND		ND		ND		ND		0.48
Pyrene	1700		ND		ND		30E		0.14J		ND		ND		ND		ND		0.84
Butylbenzylphthalate	1100		ND		ND		ND		ND		ND		ND		ND		ND		ND
Benzo[a]anthracene	0.9		ND		ND		**13E**		ND		ND		ND		ND		ND		0.36
3,3'-Dichlorobenzidine	2		ND		ND		1.0		ND		ND		ND		ND		ND		ND
Chrysene	9		ND		ND		**21E**		0.12J		ND		ND		ND		ND		0.59
bis(2-Ethylhexyl)phthalate	49		ND		ND		0.12J		0.11J		0.15J		0.16J		ND		ND		0.12J
Benzo[b]fluoranthene	0.9		ND		ND		**9.2**		ND		ND		ND		ND		ND		0.25J
Benzo[k]fluoranthene	0.9		ND		ND		**8.8**		ND		ND		ND		ND		ND		0.34
Benzo[a]pyrene	0.66		ND		ND		**11**		ND		ND		ND		ND		ND		0.41
Indeno[1,2,3-cd]pyrene	0.9		ND		ND		**4.9**		ND		ND		ND		ND		ND		0.2J
Dibenz[a,h]anthracene	0.66		ND		ND		**2.9**		ND		ND		ND		ND		ND		ND
Benzo[g,h,I]perylene	NLE		ND		ND		5.8		ND		ND		ND		ND		ND		0.23J
Pesticides/PCBs (mg/kg)																			
Heptachlor	0.15		ND		ND		ND		ND		ND		ND		ND		ND		ND
Heptachlor Epoxide	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND
4,4'-DDE	2		0.001		0.018		0.208		ND		0.002		0.007		ND		0.006		0.001
Dieldrin	0.042		ND		ND		ND		ND		ND		ND		ND		ND		ND
Endrin	17		ND		ND		ND		ND		ND		ND		ND		ND		ND
Endosulfan II	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND
4,4'-DDD	3		ND		ND		ND		ND		ND		ND		ND		ND		ND
Endrin Aldehyde	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND
4,4'-DDT	2		ND		0.028		0.803		ND		ND		0.003		ND		0.003		0.002
Endosulfan-Sulfate	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND
gamma-Chlordane	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND
alpha-Chlordane	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND
Arochlor 1254	0.49		ND		ND		ND		ND		ND		ND		ND		ND		ND
Metals (mg/kg)																			
Aluminum	NLE		2449		1275		9216		6650		7711		7796		5870		4347		4758
Antimony	14		0.356		0.255		1.288		0.52		1.219		0.834		0.834		0.237		0.945
Arsenic	20		1.387		0.858		11.23		4.61		8.103		10.68		12.43		2.981		15.53
Barium	700		15.13		4.896		29.34		14.66		14.57		29.97		192.3		25.61		8.797
Beryllium	2		0.3248		0.1492		0.634		0.3893		0.9604		0.9373		**4.787**		0.3072		0.4409
Cadmium	39		ND		ND		ND		ND		ND		ND		0.674		ND		ND
Calcium	NLE		316.7		134.9		817.1		590.2		646.2		1477		1547		1663		181.2
Chromium	NLE		19.27		12.27		62.61		37.09		91.08		88.9		54.19		7.984		58.29
Cobalt	NLE		0.4012		0.2038		1.854		2.493		2.845		3.717		7.393		3.526		0.5178
Copper	600		1.524		1.995		43.09		3.002		0.413		4.648		**2314**		46.74		139.2
Iron	NLE		6563		4284		24830		13010		41350		41280		12220		5168		15660
Lead	400		4.79		6.115		126.8		6.786		7.797		90.95		**1267**		15.43		19.27
Magnesium	NLE		568.3		317.3		1392		974.8		780.5		1019		614.5		359.5		1090
Manganese	NLE		12.37		8.873		40		85.56		49.43		101.9		175.7		97.42		9.783
Mercury	14		ND		ND		0.123		0.024		ND		0.034		0.044		0.039		0.044
Nickel	250		1.503		0.8202		7.483		3.728		12.44		14.15		22.36		10.93		2.453
Potassium	NLE		1045		490		4076		1656		1321		1580		1654		633.6		3985
Selenium	63		ND		ND		ND		ND		ND		ND		1.379		ND		1.146
Silver	110		ND		ND		ND		ND		ND		ND		3.472		ND		ND
Sodium	NLE		13.7		23.19		61.43		38.89		40.52		116.5		335.1		440.7		186.3
Thallium	2		ND		ND		ND		ND		ND		ND		ND		ND		ND
Vanadium	370		13.74		9.388		58.91		32.18		108.4		113.1		18.83		9.574		11.28
Zinc	1500		12.57		7.018		46.59		20.41		57.83		79.89		500.7		26.7		35.88

NOTES:
ND = Not Detected
NLE = No Limit Established
J = Estimated Value: Mass spectrometer and retention time data indicate the presence of the analyte, however the result is less than the method detection limit, but greater than zero.

Table 4-1
Soil Sampling Results
M5 Landfill Site
Fort Monmouth, New Jersey

Lab Sample ID	NJDEP Cleanup Criteria	3584.27	3584.30	3584.31	3584.34	3584.35	3588.02	3588.03	3588.06	3588.07	3588.10	3588.11	3588.14	3588.15	3588.18	3588.19	3588.22	3588.23	3593.02
Field Sample Location		B90 (24")	B91 (6-12")	B91 (24")	B92 (6-12")	B92 (24")	B93 (6-12")	B93 (24")	B94 (6-12")	B94 (24")	B95 (6-12")	B95 (24")	B96 (6-12")	B96 (24")	B97 (6-12")	B97 (24")	B98 (6-12")	B98 (24")	B99 (6-12")
Sample Date	(mg/kg)	5/20/1998	5/20/1998	5/20/1998	5/20/1998	5/20/1998	5/21/1998	5/21/1998	5/21/1998	5/21/1998	5/21/1998	5/21/1998	5/21/1998	5/21/1998	5/21/1998	5/21/1998	5/21/1998	5/21/1998	5/26/1998
Volatiles (mg/kg)																			
Benzene	3	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Chloroform	19	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Methylene Chloride	49	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Tetrachloroethene	4	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Toluene	1000	ND		ND		ND		ND		ND		ND		ND		ND		0.48	
Semi-Volatiles (mg/kg)																			
Pyridine	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND
4-Methylphenol	2800		ND		ND		ND		ND		ND		ND		ND		ND		ND
Naphthalene	230		ND		ND		ND		ND		ND		ND		ND		ND		ND
2-Methylnaphthalene	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND
Dimethylphthalate	10,000		ND		ND		ND		ND		ND		ND		ND		ND		ND
Acenaphthylene	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND
Acenaphthene	3400		ND		0.59		ND		ND		ND		ND		ND		ND		ND
Dibenzofuran	NLE		ND		0.64		ND		ND		ND		ND		ND		ND		ND
Diethylphthalate	10,000		ND		ND		ND		ND		ND		ND		ND		ND		ND
Fluorene	2300		ND		1.1		ND		ND		ND		ND		ND		ND		ND
n-Nitrosodiphenylamine	140		ND		ND		ND		ND		ND		ND		ND		ND		ND
Phenanthrene	NLE		ND		ND		ND		ND		ND		ND		ND		0.16J		ND
Anthracene	10,000		ND		3.3		ND		ND		ND		ND		ND		ND		ND
Di-n-butylphthalate	5700		0.32J		0.28J		0.47J		0.27J		ND		0.43J		0.73J		0.5J		ND
Fluoranthene	2300		ND		ND		ND		ND		ND		ND		0.24		0.21J		ND
Pyrene	1700		ND		11.0		ND		ND		ND		ND		0.16J		0.2J		ND
Butylbenzylphthalate	1100		ND		ND		ND		ND		ND		ND		ND		ND		ND
Benzo[a]anthracene	0.9		ND		**7.2**		ND		ND		ND		ND		0.12J		0.14J		ND
3,3'-Dichlorobenzidine	2		ND		ND		ND		ND		ND		ND		ND		ND		ND
Chrysene	9		ND		**9.7**		ND		ND		ND		ND		0.17J		0.29J		ND
bis(2-Ethylhexyl)phthalate	49		0.11J		ND		ND		ND		ND		ND		0.1J		ND		ND
Benzo[b]fluoranthene	0.9		ND		**5.6**		ND		ND		ND		ND		0.11J		0.16J		ND
Benzo[k]fluoranthene	0.9		ND		**3.9**		ND		ND		ND		ND		ND		ND		ND
Benzo[a]pyrene	0.66		ND		**5.3**		ND		ND		ND		ND		0.11J		ND		ND
Indeno[1,2,3-cd]pyrene	0.9		ND		**3**		ND		ND		ND		ND		ND		ND		ND
Dibenz[a,h]anthracene	0.66		ND		0.64		ND		ND		ND		ND		ND		ND		ND
Benzo[g,h,I]perylene	NLE		ND		2.8		ND		ND		ND		ND		ND		ND		ND
Pesticides/PCBs (mg/kg)																			
Heptachlor	0.15		ND		ND		ND		ND		ND		ND		ND		ND		ND
Heptachlor Epoxide	NLE		ND		ND		ND		ND		ND		ND		0.001		ND		ND
4,4'-DDE	2		0.002		ND		0.008		0.002		ND		0.003		0.008		0.166		0.008
Dieldrin	0.042		ND		ND		ND		ND		ND		ND		ND		ND		ND
Endrin	17		ND		ND		ND		ND		ND		ND		ND		ND		ND
Endosulfan II	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND
4,4'-DDD	3		ND		ND		0.004		ND		ND		ND		0.003		0.02		ND
Endrin Aldehyde	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND
4,4'-DDT	2		0.002		ND		0.032		0.004		ND		0.002		0.014		0.077		0.008
Endosulfan-Sulfate	NLE		ND		ND		ND		ND		ND		ND		ND		0.009		ND
gamma-Chlordane	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND
alpha-Chlordane	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND
Arochlor 1254	0.49		ND		ND		ND		ND		ND		ND		ND		ND		ND
Metals (mg/kg)																			
Aluminum	NLE		2982		2424		6587		7273		6776		1231		8665		2673		3319
Antimony	14		0.542		0.305		0.864		0.705		0.293		1.11		0.813		0.397		1.522
Arsenic	20		4.745		1.092		9.735		9.53		7.075		12.33		9.33		7.349		4.823
Barium	700		21.03		12.71		18.68		21.47		50.99		96.83		35.87		108.4		25.33
Beryllium	2		0.3972		0.3802		0.49		0.7067		0.591		0.1224		0.6407		0.2846		0.2113
Cadmium	39		ND		ND		ND		ND		ND		ND		ND		0.415		8.552
Calcium	NLE		987.9		168.5		393.2		502.8		1605		383.6		1533		1042		1011
Chromium	NLE		27.55		16.35		56.44		57.07		28.21		11.51		41.47		11.65		20.07
Cobalt	NLE		0.9371		0.4263		1.026		3.164		4.892		1.152		3.802		2.666		2.289
Copper	600		10.16		2.46		11.74		2.615		19.37		26.15		14.07		48.11		**1168**
Iron	NLE		12860		6114		21140		28210		10070		7920		21290		4878		7295
Lead	400		50.74		5.981		30.17		131.3		18.73		78.99		46.73		69.52		**4549**
Magnesium	NLE		748		517.9		879		895		1135		286		1372		342.3		783.4
Manganese	NLE		28.45		22.4		16.42		67.3		32.46		15.55		78.04		59.09		2581
Mercury	14		0.053		0.036		0.051		0.024		0.05		0.184		0.099		0.34		4.465
Nickel	250		3.39		1.526		4.015		8.536		14.98		4.765		11.81		8.137		6.487
Potassium	NLE		1988		1086		2804		2075		2495		472.2		3002		456		1426
Selenium	63		ND		ND		ND		ND		0.627		3.91		ND		1.474		0.504
Silver	110		ND		ND		ND		ND		ND		ND		ND		0.421		37.83
Sodium	NLE		128.8		22.98		91.43		37.29		216.6		58.66		183.9		177.3		235.1
Thallium	2		ND		ND		ND		ND		ND		ND		ND		ND		ND
Vanadium	370		11.94		9.943		51.64		75.4		25.26		9.353		50.3		10.97		16.76
Zinc	1500		76.22		14.81		27.7		41.81		27.54		13.94		43.54		73.52		**9772**

NOTES:
ND = Not Detected
NLE = No Limit Established
J = Estimated Value: Mass spectrometer and retention time data indicate the presence of the analyte, however the result is less than the method detection limit, but greater than zero.

Table 4-1
Soil Sampling Results
M5 Landfill Site
Fort Monmouth, New Jersey

Lab Sample ID	NJDEP Cleanup Criteria	3593.03	3665.12	3665.13	3665.16	3665.17	3665.19	3665.20	3665.22	3665.23	3686.04	3686.05	3686.07	3686.08	3686.10	3686.11	3688.02	3688.03	3688.06
Field Sample Location		B99 (24")	B158 (6-12")	B158 (24")	B159 (6-12")	B159 (24")	B160 (6-12")	B160 (24")	B161 (6-12")	B161 (24")	B162 (6-12")	B162 (17")	B163 (6-12")	B163 (19")	B164 (6-12")	B164 (24")	B165 (6-12")	B165 (24")	B166 (6-12")
Sample Date	(mg/kg)	5/26/1998	6/17/1998	6/17/1998	6/17/1998	6/17/1998	6/17/1998	6/17/1998	6/17/1998	6/17/1998	6/26/1998	6/26/1998	6/26/1998	6/26/1998	6/26/1998	6/26/1998	6/29/1998	6/29/1998	6/29/1998
Volatiles (mg/kg)																			
Benzene	3	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Chloroform	19	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Methylene Chloride	49	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Tetrachloroethene	4	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Toluene	1000	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Semi-Volatiles (mg/kg)																			
Pyridine	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND
4-Methylphenol	2800		ND		ND		ND		ND		ND		ND		ND		ND		ND
Naphthalene	230		ND		ND		ND		ND		ND		ND		ND		ND		ND
2-Methylnaphthalene	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND
Dimethylphthalate	10,000		ND		ND		ND		ND		ND		ND		ND		ND		ND
Acenaphthylene	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND
Acenaphthene	3400		ND		ND		ND		ND		ND		ND		ND		ND		ND
Dibenzofuran	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND
Diethylphthalate	10,000		ND		ND		ND		ND		ND		ND		ND		ND		ND
Fluorene	2300		ND		ND		ND		ND		ND		ND		ND		ND		ND
n-Nitrosodiphenylamine	140		ND		ND		ND		ND		ND		ND		ND		ND		ND
Phenanthrene	NLE		ND		ND		ND		ND		ND		0.23		ND		ND		ND
Anthracene	10,000		ND		ND		ND		ND		ND		ND		ND		ND		ND
Di-n-butylphthalate	5700		0.23J		0.21J		0.		0.18J		0.46J		0.		0.38J		0.24J		0.29J
Fluoranthene	2300		ND		ND		0.3		ND		ND		0.83		ND		ND		ND
Pyrene	1700		ND		ND		0.4		ND		ND		1.1		ND		0.11J		ND
Butylbenzylphthalate	1100		ND		ND		ND		ND		ND		ND		ND		ND		ND
Benzo[a]anthracene	0.9		ND		ND		0.15J		ND		ND		0.59		ND		ND		ND
3,3'-Dichlorobenzidine	2		ND		ND		ND		ND		ND		ND		ND		ND		ND
Chrysene	9		ND		ND		0.34		ND		ND		1.1		ND		ND		0.16J
bis(2-Ethylhexyl)phthalate	49		ND		ND		ND		ND		ND		13.0		ND		ND		ND
Benzo[b]fluoranthene	0.9		ND		ND		0.14J		ND		ND		0.61		ND		ND		0.17J
Benzo[k]fluoranthene	0.9		ND		ND		0.13J		ND		ND		0.63		ND		ND		0.14J
Benzo[a]pyrene	0.66		ND		ND		0.13J		ND		ND		0.53		ND		ND		ND
Indeno[1,2,3-cd]pyrene	0.9		ND		ND		ND		ND		ND		0.29		ND		ND		0.12J
Dibenz[a,h]anthracene	0.66		ND		ND		ND		ND		ND		ND		ND		ND		ND
Benzo[g,h,I]perylene	NLE		ND		ND		ND		ND		ND		0.31		ND		ND		ND
Pesticides/PCBs (mg/kg)																			
Heptachlor	0.15		ND		ND		0.003		ND		ND		ND		ND		ND		ND
Heptachlor Epoxide	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND
4,4'-DDE	2		ND		0.003		0.011		ND		ND		ND		ND		0.011		0.003
Dieldrin	0.042		ND		ND		ND		ND		ND		ND		ND		ND		ND
Endrin	17		ND		ND		ND		ND		ND		ND		ND		ND		ND
Endosulfan II	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND
4,4'-DDD	3		ND		ND		ND		ND		ND		ND		ND		ND		ND
Endrin Aldehyde	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND
4,4'-DDT	2		ND		0.003		0.019		ND		ND		ND		ND		0.01		0.01
Endosulfan-Sulfate	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND
gamma-Chlordane	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND
alpha-Chlordane	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND
Arochlor 1254	0.49		ND		ND		ND		ND		ND		ND		ND		ND		ND
Metals (mg/kg)																			
Aluminum	NLE		2715		NDA		6285		5319		2685		7000		1807		5053		9267
Antimony	14		0.349		NDA		0.487		0.579		0.337		4.693		0.31		0.822		1.298
Arsenic	20		1.328		NDA		8.398		4.368		5.292		**67.77**		0.977		6.525		17.45
Barium	700		15.24		NDA		16.27		11.72		35.73		180.7		8.533		15.48		14.34
Beryllium	2		0.401		NDA		0.5945		0.4884		0.2658		0.562		0.3014		0.4805		0.5758
Cadmium	39		0.1991		NDA		ND		ND		0.4376		ND		0.4001		0.2383		ND
Calcium	NLE		230.8		NDA		705.6		395		1154		9589		211.4		665		441.5
Chromium	NLE		20.65		NDA		48.92		41.48		13.87		65.41		14.53		55.07		72.9
Cobalt	NLE		0.3999		NDA		2.458		1.602		2.082		14.15		0.2978		0.9522		0.8807
Copper	600		1.01		NDA		7.446		1.858		23.12		433		1.341		12.07		7.172
Iron	NLE		7173		NDA		25200		13430		5905		131900		5494		18160		30120
Lead	400		3.345		NDA		22.86		4.473		46.83		98.63		2.754		42.83		14.31
Magnesium	NLE		712.5		NDA		914.9		1036		494.8		1008		363.8		983.2		902.7
Manganese	NLE		20.15		NDA		50.78		34.64		24.99		623.9		17.74		30.92		12.46
Mercury	14		ND		NDA		0.032		ND		0.031		0.067		ND		0.051		0.064
Nickel	250		1.697		NDA		6.746		2.982		5.629		67.18		1.4		3.563		4.461
Potassium	NLE		1740		NDA		1640		2860		716.6		1579		587.3		2960		2850
Selenium	63		ND		NDA		ND		ND		ND		ND		ND		ND		0.371
Silver	110		ND		NDA		ND		ND		ND		ND		ND		ND		ND
Sodium	NLE		61.53		NDA		62.96		ND		134.2		953.4		4.653		46.52		7.854
Thallium	2		ND		NDA		ND		ND		ND		ND		ND		ND		ND
Vanadium	370		11.98		NDA		58.35		30.25		17.05		15.28		10.23		43.13		62.26
Zinc	1500		15.95		NDA		39.62		17.6		29.63		457.1		13.81		37.72		32.28

NOTES:
ND = Not Detected
NLE = No Limit Established
J = Estimated Value: Mass spectrometer and retention time data indicate the presence of the analyte, however the result is less than the method detection limit, but greater than zero.

Table 4-1
Soil Sampling Results
M5 Landfill Site
Fort Monmouth, New Jersey

Lab Sample ID	NJDEP Cleanup Criteria	3688.07	3688.09	3688.10	3688.12	3688.13	3688.15	3688.16	3722.12	3722.13	3722.15	3722.16	3722.18	3722.19	3722.21	3722.22	3805.02	3805.03	3805.04
Field Sample Location		B166 (24")	B167 (6-12")	B167 (24")	B168 (6-12")	B168 (24")	B169 (6-12")	B169 (24")	B178 (6-12")	B178 (24")	B179 (6-12")	B179 (24")	B180 (6-12")	B180 (24")	B181 (6-12")	B181 (24")	B197 (6-12")	B197 (24")	B198 (6-12")
Sample Date	(mg/kg)	6/29/1998	6/29/1998	6/29/1998	6/29/1998	6/29/1998	6/29/1998	6/29/1998	7/13/1998	7/13/1998	7/13/1998	7/13/1998	7/13/1998	7/13/1998	7/13/1998	7/13/1998	8/12/1998	8/12/1998	8/12/1998
Volatiles (mg/kg)																			
Benzene	3	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Chloroform	19	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Methylene Chloride	49	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Tetrachloroethene	4	ND		3.2		ND		ND		ND		ND		ND		ND		ND	
Toluene	1000	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Semi-Volatiles (mg/kg)																			
Pyridine	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND
4-Methylphenol	2800		ND		ND		ND		ND		ND		ND		ND		ND		ND
Naphthalene	230		ND		ND		ND		ND		ND		ND		ND		ND		ND
2-Methylnaphthalene	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND
Dimethylphthalate	10,000		ND		ND		ND		ND		ND		ND		ND		ND		ND
Acenaphthylene	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND
Acenaphthene	3400		ND		ND		ND		ND		ND		ND		ND		ND		ND
Dibenzofuran	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND
Diethylphthalate	10,000		ND		ND		ND		ND		ND		ND		ND		ND		ND
Fluorene	2300		ND		ND		ND		ND		ND		ND		ND		ND		ND
n-Nitrosodiphenylamine	140		ND		ND		ND		ND		ND		ND		ND		ND		ND
Phenanthrene	NLE		0.74		ND		ND		ND		ND		0.25		ND		ND		ND
Anthracene	10,000		ND		ND		ND		ND		ND		ND		ND		ND		ND
Di-n-butylphthalate	5700		0.12J		0.48J		0.19J		0.58J		0.31J		0.61J		0.76J		ND		0.72J
Fluoranthene	2300		0.47		ND		ND		ND		ND		0.23		ND		ND		ND
Pyrene	1700		0.92		ND		ND		ND		ND		0.37		ND		ND		ND
Butylbenzylphthalate	1100		ND		ND		ND		ND		ND		ND		ND		ND		ND
Benzo[a]anthracene	0.9		0.28		ND		ND		ND		ND		0.14J		ND		ND		ND
3,3'-Dichlorobenzidine	2		ND		ND		ND		ND		ND		ND		ND		ND		ND
Chrysene	9		0.58		ND		ND		ND		ND		0.39		ND		ND		ND
bis(2-Ethylhexyl)phthalate	49		ND		ND		ND		ND		0.11J		ND		ND		ND		ND
Benzo[b]fluoranthene	0.9		0.2J		ND		ND		ND		ND		0.11J		ND		ND		ND
Benzo[k]fluoranthene	0.9		0.22		ND		ND		ND		ND		ND		ND		ND		ND
Benzo[a]pyrene	0.66		0.21		ND		ND		ND		ND		ND		ND		ND		ND
Indeno[1,2,3-cd]pyrene	0.9		0.12J		ND		ND		ND		ND		ND		ND		ND		ND
Dibenz[a,h]anthracene	0.66		ND		ND		ND		ND		ND		ND		ND		ND		ND
Benzo[g,h,I]perylene	NLE		0.14J		ND		ND		ND		ND		ND		ND		ND		ND
Pesticides/PCBs (mg/kg)																			
Heptachlor	0.15		ND		ND		ND		ND		ND		ND		ND		ND		ND
Heptachlor Epoxide	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND
4,4'-DDE	2		0.067		0.003		ND		ND		0.002		0.006		ND		0.033		0.017
Dieldrin	0.042		ND		ND		ND		ND		ND		ND		ND		ND		ND
Endrin	17		ND		ND		ND		ND		ND		ND		ND		ND		ND
Endosulfan II	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND
4,4'-DDD	3		0.016		ND		ND		ND		ND		ND		ND		0.001		0.001
Endrin Aldehyde	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND
4,4'-DDT	2		0.091		0.002		ND		ND		0.002		0.009		ND		0.015		0.019
Endosulfan-Sulfate	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND
gamma-Chlordane	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND
alpha-Chlordane	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND
Arochlor 1254	0.49		ND		ND		ND		ND		ND		ND		ND		ND		ND
Metals (mg/kg)																			
Aluminum	NLE		6171		3375		1764		5330		1710		10000		12500		5970		4720
Antimony	14		0.638		ND		0.368		0.54		0.391		0.537		1.16		0.253		1.48
Arsenic	20		9.463		4.215		3.946		6.39		1.55		9.99		11.6		4.98		**59.1**
Barium	700		54.63		31.47		45.13		21.4		5.27		42.8		14.2		47.1		68.6
Beryllium	2		0.5529		0.3019		0.1749		0.728		0.255		1.35		1.8		0.53		0.548
Cadmium	39		0.3187		0.3736		0.3013		ND		ND		ND		ND		ND		ND
Calcium	NLE		1435		1273		624.1		851		127		1240		86.4		1720		918
Chromium	NLE		47.49		10.58		3.82		58.8		19.6		110		139		17.1		19.5
Cobalt	NLE		2.798		4.252		1.702		1.22		0.247		1.97		1.1		5.69		11.4
Copper	600		38.89		20.07		14.28		4.95		1		7.44		ND		37.8		92.6
Iron	NLE		21260		4301		2469		19400		7740		35100		48800		7220		38400
Lead	400		94.14		20.43		18.74		7.58		7.32		14.6		6.18		40		119
Magnesium	NLE		1306		468.3		159.2		1620		436		4220		1660		791		491
Manganese	NLE		59.92		34.87		17.16		38.7		4.3		45.3		17.6		47.8		121
Mercury	14		0.101		0.025		ND		1.68		0.013		0.042		0.028		0.063		0.029
Nickel	250		8.902		11.23		4.544		3.57		1.14		5.91		6.24		14.9		18.2
Potassium	NLE		3105		598.3		193.8		3980		774		9010		3210		1300		1330
Selenium	63		0.342		ND		ND		ND		ND		ND		ND		ND		ND
Silver	110		ND		ND		ND		ND		ND		ND		ND		ND		ND
Sodium	NLE		690		226.4		147.4		84.8		42.6		109		56.6		290		393
Thallium	2		ND		ND		ND		ND		ND		ND		ND		ND		ND
Vanadium	370		41.98		14.73		9.161		18.3		17		40.3		92.1		23.2		17.5
Zinc	1500		61.39		28.85		11.74		48.4		10.5		51.5		44.9		31.9		114

NOTES:
ND = Not Detected
NLE = No Limit Established
J = Estimated Value: Mass spectrometer and retention time data indicate the presence of the analyte, however the result is less than the method detection limit, but greater than zero.

Table 4-1
Soil Sampling Results
M5 Landfill Site
Fort Monmouth, New Jersey

Lab Sample ID	NJDEP Cleanup Criteria	3805.05	3805.06	3805.07	3805.08	3805.09	3805.10	3805.11	3805.12	3805.13	3805.14	3805.15	3805.16	3805.17	3805.18	3805.19	3805.20	3805.21	3805.22
Field Sample Location		B198 (24")	B199 (6-12")	B199 (24")	B200 (6-12")	B200 (24")	B201 (6-12")	B201 (24")	B202 (6-12")	B202 (24")	B203 (6-12")	B203 (24")	B204 (6-12")	B204 (24")	B205 (6-12")	B205 (24")	B206 (6-12")	B206 (24")	B207 (6-12")
Sample Date	(mg/kg)	8/12/1998	8/12/1998	8/12/1998	8/12/1998	8/12/1998	8/12/1998	8/12/1998	8/12/1998	8/12/1998	8/12/1998	8/12/1998	8/12/1998	8/12/1998	8/12/1998	8/12/1998	8/12/1998	8/12/1998	8/12/1998
Volatiles (mg/kg)																			
Benzene	3	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Chloroform	19	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Methylene Chloride	49	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Tetrachloroethene	4	ND		ND		ND		ND		ND		0.78		ND		ND		ND	
Toluene	1000	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Semi-Volatiles (mg/kg)																			
Pyridine	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND
4-Methylphenol	2800		ND		ND		ND		ND		ND		ND		ND		ND		ND
Naphthalene	230		ND		ND		ND		0.13J		ND		ND		ND		ND		ND
2-Methylnaphthalene	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND
Dimethylphthalate	10,000		ND		ND		ND		ND		ND		ND		ND		ND		ND
Acenaphthylene	NLE		0.078J		ND		ND		0.53		ND		ND		ND		ND		ND
Acenaphthene	3400		ND		ND		ND		ND		ND		ND		ND		ND		ND
Dibenzofuran	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND
Diethylphthalate	10,000		ND		ND		ND		ND		ND		ND		ND		ND		ND
Fluorene	2300		ND		ND		ND		ND		ND		ND		ND		ND		ND
n-Nitrosodiphenylamine	140		ND		ND		ND		ND		ND		ND		ND		ND		ND
Phenanthrene	NLE		0.26		ND		1.0		2.1		0.38		ND		ND		ND		ND
Anthracene	10,000		ND		ND		0.28		0.39		ND		ND		ND		ND		ND
Di-n-butylphthalate	5700		0.7J		0.63J		1.2		0.57J		0.21J		0.21J		0.27J		0.24J		ND
Fluoranthene	2300		0.4		0.17J		1.1		4.5		0.51		0.14J		ND		ND		ND
Pyrene	1700		0.56		0.26		0.95		5.1		0.74		0.26		ND		ND		ND
Butylbenzylphthalate	1100		ND		ND		ND		ND		ND		ND		ND		ND		ND
Benzo[a]anthracene	0.9		0.23J		0.13J		0.47		**2.7**		0.26		0.12J		ND		ND		ND
3,3'-Dichlorobenzidine	2		ND		ND		ND		ND		ND		ND		ND		ND		ND
Chrysene	9		0.46		0.29		0.67		4.9		0.49		0.24J		ND		ND		ND
bis(2-Ethylhexyl)phthalate	49		ND		ND		ND		ND		ND		ND		ND		ND		ND
Benzo[b]fluoranthene	0.9		0.22J		0.16J		0.36		**3.1**		0.23J		ND		ND		ND		ND
Benzo[k]fluoranthene	0.9		0.23		0.17J		0.36		**2.8**		0.25		ND		ND		ND		ND
Benzo[a]pyrene	0.66		0.24		0.13J		0.39		**2.9**		0.26		ND		ND		ND		ND
Indeno[1,2,3-cd]pyrene	0.9		ND		ND		ND		**2.1**		0.15J		ND		ND		ND		ND
Dibenz[a,h]anthracene	0.66		ND		ND		ND		**1.5**		ND		ND		ND		ND		ND
Benzo[g,h,I]perylene	NLE		ND		ND		ND		2.2		0.14J		ND		ND		ND		ND
Pesticides/PCBs (mg/kg)																			
Heptachlor	0.15		ND		ND		ND		ND		ND		ND		ND		ND		ND
Heptachlor Epoxide	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND
4,4'-DDE	2		0.26		0.01		0.047		0.016		0.102		0.024		ND		0.004		ND
Dieldrin	0.042		ND		ND		ND		ND		ND		ND		ND		ND		ND
Endrin	17		ND		ND		ND		ND		ND		ND		ND		ND		ND
Endosulfan II	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND
4,4'-DDD	3		0.116		ND		ND		ND		0.031		0.004		ND		0.003		ND
Endrin Aldehyde	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND
4,4'-DDT	2		1.321		0.01		ND		0.054		0.34		0.019		ND		0.003		ND
Endosulfan-Sulfate	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND
gamma-Chlordane	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND
alpha-Chlordane	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND
Arochlor 1254	0.49		ND		ND		**1.499**		ND		ND		ND		ND		ND		0.165
Metals (mg/kg)																			
Aluminum	NLE		9820		10500		5920		5990		6500		3940		4920		12300		3020
Antimony	14		6.56		0.35		0.617		0.751		0.359		ND		ND		ND		0.411
Arsenic	20		11.5		8.59		5.5		7.11		6.34		5.27		7.61		8.46		6.07
Barium	700		363		147		84.6		113		25.5		35.5		61.6		99.6		22.3
Beryllium	2		0.9		0.743		0.92		0.58		0.428		0.389		0.354		0.985		0.288
Cadmium	39		ND		0.543		0.929		ND		ND		ND		ND		ND		ND
Calcium	NLE		537		1390		1500		455		2470		1100		1010		1270		670
Chromium	NLE		77.4		25.8		37.8		49.8		36		19.8		12.9		26.4		18.4
Cobalt	NLE		5.14		7.57		5.81		1.98		4.27		4.61		4.8		9.39		3.91
Copper	600		122		38.6		47.3		77.4		36.4		35		18.1		110		31.8
Iron	NLE		33400		15300		12600		23300		14600		8620		5100		10200		15100
Lead	400		**494**		37.6		62.8		268		23.8		35		28.6		39.9		12.6
Magnesium	NLE		1700		900		1430		1680		2450		630		342		540		329
Manganese	NLE		143		126		332		39.1		83.9		61.8		21.1		63.2		65.6
Mercury	14		0.153		0.044		0.391		0.115		0.602		0.064		ND		ND		0.047
Nickel	250		23.6		19.6		10.5		5.95		11		8.78		14.5		24.5		11.9
Potassium	NLE		4160		3580		3670		3720		3560		1470		989		2280		852
Selenium	63		ND		ND		ND		ND		ND		ND		1.24		ND		0.606
Silver	110		ND		ND		ND		ND		ND		ND		ND		ND		ND
Sodium	NLE		535		485		526		566		411		207		339		460		252
Thallium	2		ND		ND		ND		0.498		ND		ND		ND		ND		ND
Vanadium	370		43.5		30.9		25.3		31.2		36.7		22.9		23.7		31.5		17.1
Zinc	1500		116		80.2		514		38.1		39.2		29.2		27.2		31.8		165

NOTES:
ND = Not Detected
NLE = No Limit Established
J = Estimated Value: Mass spectrometer and retention time data indicate the presence of the analyte, however the result is less than the method detection limit, but greater than zero.

Table 4-1
Soil Sampling Results
M5 Landfill Site
Fort Monmouth, New Jersey

Lab Sample ID	NJDEP Cleanup Criteria (mg/kg)	3805.23	3805.24	3805.25	3805.26	3805.27	3805.28	3805.29	3805.30	3805.31	3809.02	3809.03	3809.04	3809.05	3809.06	3809.07	3809.08	3809.09	3809.10
Field Sample Location		B207 (24")	B208 (6-12")	B208 (24")	B209 (6-12")	B209 (24")	B210 (6-12")	B210 (24")	B211 (6-12")	B211 (24")	B212 (6-12")	B212 (24")	B213 (6-12")	B213 (24")	B214 (6-12")	B214 (24")	B215 (6-12")	B215 (24")	B216 (6-12")
Sample Date		8/12/1998	8/12/1998	8/12/1998	8/12/1998	8/12/1998	8/12/1998	8/12/1998	8/12/1998	8/12/1998	8/13/1998	8/13/1998	8/13/1998	8/13/1998	8/13/1998	8/13/1998	8/13/1998	8/13/1998	8/13/1998
Volatiles (mg/kg)																			
Benzene	3	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Chloroform	19	ND		ND		0.45		0.49		0.55		0.46		0.52		0.41		0.43	
Methylene Chloride	49	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Tetrachloroethene	4	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Toluene	1000	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Semi-Volatiles (mg/kg)																			
Pyridine	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND
4-Methylphenol	2800		ND		ND		ND		ND		ND		ND		ND		ND		ND
Naphthalene	230		ND		0.12J		ND		ND		ND		ND		ND		ND		ND
2-Methylnaphthalene	NLE		ND		0.12J		ND		ND		ND		ND		ND		ND		ND
Dimethylphthalate	10,000		ND		ND		ND		ND		ND		ND		ND		ND		ND
Acenaphthylene	NLE		ND		0.26		ND		ND		ND		ND		ND		ND		ND
Acenaphthene	3400		ND		ND		ND		ND		ND		ND		ND		ND		ND
Dibenzofuran	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND
Diethylphthalate	10,000		ND		ND		ND		ND		ND		ND		ND		ND		ND
Fluorene	2300		ND		ND		ND		ND		ND		ND		ND		ND		ND
n-Nitrosodiphenylamine	140		ND		ND		0.06J		ND		ND		ND		ND		ND		ND
Phenanthrene	NLE		ND		0.76		ND		0.15J		0.14J		0.28J		0.19J		0.16J		ND
Anthracene	10,000		ND		0.2		ND		ND		ND		ND		ND		ND		ND
Di-n-butylphthalate	5700		0.25J		0.54J		0.84		0.58J		0.33J		0.67J		0.26J		0.66J		0.25J
Fluoranthene	2300		ND		1.4		0.19J		0.16J		0.37J		0.37J		0.22J		0.16J		0.28J
Pyrene	1700		ND		1.1		0.26		0.27		0.4J		0.56J		0.31J		0.27J		0.34J
Butylbenzylphthalate	1100		ND		ND		ND		ND		ND		ND		ND		ND		ND
Benzo[a]anthracene	0.9		ND		ND		0.11J		ND		0.23J		0.2J		0.12J		ND		0.14J
3,3'-Dichlorobenzidine	2		ND		ND		ND		ND		ND		ND		ND		ND		ND
Chrysene	9		ND		ND		0.24J		ND		0.36J		0.46J		0.24J		ND		0.28J
bis(2-Ethylhexyl)phthalate	49		ND		ND		ND		ND		ND		ND		ND		ND		ND
Benzo[b]fluoranthene	0.9		ND		0.53		ND		ND		0.18J		0.19J		ND		ND		ND
Benzo[k]fluoranthene	0.9		ND		ND		ND		ND		0.22J		0.24J		ND		ND		ND
Benzo[a]pyrene	0.66		ND		0.4		ND		ND		0.2J		0.22J		ND		ND		ND
Indeno[1,2,3-cd]pyrene	0.9		ND		0.19J		ND		ND		0.12J		0.14J		ND		ND		ND
Dibenz[a,h]anthracene	0.66		ND		0.17J		ND		ND		ND		ND		ND		ND		ND
Benzo[g,h,I]perylene	NLE		ND		0.19J		ND		ND		0.21J		ND		ND		ND		ND
Pesticides/PCBs (mg/kg)																			
Heptachlor	0.15		ND		ND		ND		ND		ND		ND		ND		ND		ND
Heptachlor Epoxide	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND
4,4'-DDE	2		0.005		0.028		0.057		0.057		ND		0.473		0.313		0.013		0.088
Dieldrin	0.042		ND		ND		ND		ND		ND		ND		ND		ND		ND
Endrin	17		ND		ND		ND		ND		ND		ND		ND		ND		ND
Endosulfan II	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND
4,4'-DDD	3		ND		0.025		0.014		0.008		ND		0.814		0.214		0.004		0.008
Endrin Aldehyde	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND
4,4'-DDT	2		0.006		0.167		0.025		0.014		ND		1.042		0.463		0.015		0.106
Endosulfan-Sulfate	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND
gamma-Chlordane	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND
alpha-Chlordane	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND
Arochlor 1254	0.49		ND		ND		ND		ND		ND		ND		ND		ND		ND
Metals (mg/kg)																			
Aluminum	NLE		3420		6840		5330		958		3050		3690		6270		7680		10900
Antimony	14		0.737		0.87		0.665		ND		ND		0.466		1.24		0.827		1.7
Arsenic	20		10.7		8.17		9.51		1.23		9		10.5		10.9		6.37		18.5
Barium	700		71.1		59.7		43.6		129		55.3		70.3		42.5		28.8		9.95
Beryllium	2		0.525		0.671		0.525		0.0934		0.423		0.492		0.591		0.885		1.27
Cadmium	39		ND		ND		ND		ND		ND		ND		ND		ND		ND
Calcium	NLE		714		1740		2000		405		1440		777		320		747		511
Chromium	NLE		32		43.7		36.8		2.75		5.38		26.1		67.3		78.2		122
Cobalt	NLE		2.42		3.08		2.66		1.56		2.47		2.82		0.937		1.07		0.799
Copper	600		58		36.6		26.3		12.1		14.6		33.1		7.75		4.39		3.87
Iron	NLE		14800		18600		15500		2220		5180		16000		36000		24600		36400
Lead	400		135		289		73.8		7.32		25.3		146		20.2		11.8		12.6
Magnesium	NLE		995		1800		1850		136		316		918		2080		2350		3600
Manganese	NLE		36.2		72.7		73.2		25.5		23.1		105		13		31.9		26.6
Mercury	14		0.075		0.072		0.036		ND		0.041		0.645		0.244		0.061		0.042
Nickel	250		7.99		10.4		7.49		3.63		5.3		11		4.41		4.35		4.77
Potassium	NLE		3150		2920		3840		248		369		2690		4850		4890		6900
Selenium	63		ND		ND		ND		ND		ND		0.618		ND		ND		ND
Silver	110		ND		ND		ND		ND		ND		ND		ND		ND		ND
Sodium	NLE		404		294		327		159		349		412		650		132		101
Thallium	2		0.505		ND		ND		0.422		0.437		ND		0.564		0.531		0.738
Vanadium	370		21.1		38.1		32.7		5.82		11.2		21.5		38.4		48.5		45.5
Zinc	1500		48.9		197		48		11.7		22.3		178		27.8		43.1		34

NOTES:
ND = Not Detected
NLE = No Limit Established
J = Estimated Value: Mass spectrometer and retention time data indicate the presence of the analyte, however the result is less than the method detection limit, but greater than zero.

Table 4-1
Soil Sampling Results
M5 Landfill Site
Fort Monmouth, New Jersey

Lab Sample ID	NJDEP Cleanup Criteria (mg/kg)	3809.11	3809.12	3809.13	3809.14	3809.15	3809.16	3809.17	3809.18	3809.19	3809.20	3809.21	3809.22	3809.23	3812.02	3812.03	3812.04	3812.05	3812.06
Field Sample Location		B216 (24")	B217 (6-12")	B217 (24")	B218 (6-12")	B218 (24")	B219 (6-12")	B219 (24")	B220 (6-12")	B220 (24")	B221 (6-12")	B221 (24")	B222 (6-12")	B222 (24")	B223 (6-12")	B223 (24")	B224 (6-12")	B224 (24")	B225 (6-12")
Sample Date		8/13/1998	8/13/1998	8/13/1998	8/13/1998	8/13/1998	8/13/1998	8/13/1998	8/13/1998	8/13/1998	8/13/1998	8/13/1998	8/13/1998	8/13/1998	8/14/1998	8/14/1998	8/14/1998	8/14/1998	8/14/1998
Volatiles (mg/kg)																			
Benzene	3	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Chloroform	19	0.39		0.46		0.44		0.44		ND		0.4		0.48		ND		ND	
Methylene Chloride	49	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Tetrachloroethene	4	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Toluene	1000	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Semi-Volatiles (mg/kg)																			
Pyridine	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND
4-Methylphenol	2800		ND		ND		ND		ND		ND		ND		ND		ND		ND
Naphthalene	230		ND		ND		ND		3.6		ND		ND		ND		ND		ND
2-Methylnaphthalene	NLE		ND		ND		ND		6.6		ND		ND		ND		ND		ND
Dimethylphthalate	10,000		ND		ND		ND		ND		ND		ND		ND		ND		ND
Acenaphthylene	NLE		ND		0.48J		ND		5.2		0.12J		ND		0.26J		ND		0.12J
Acenaphthene	3400		ND		ND		ND		3.3		ND		ND		ND		ND		ND
Dibenzofuran	NLE		ND		ND		ND		0.83J		ND		ND		ND		ND		ND
Diethylphthalate	10,000		ND		ND		ND		ND		ND		ND		ND		ND		ND
Fluorene	2300		ND		ND		ND		8.0		ND		ND		ND		ND		ND
n-Nitrosodiphenylamine	140		ND		ND		ND		ND		ND		ND		ND		ND		ND
Phenanthrene	NLE		0.14J		1.3		0.11J		0.06		0.56J		0.22J		1.0J		ND		0.42J
Anthracene	10,000		ND		0.25J		ND		6		ND		ND		0.15J		ND		ND
Di-n-butylphthalate	5700		0.19J		0.65J		0.38J		0.49J		0.22J		1.0 J		0.31J		0.49J		0.21J
Fluoranthene	2300		0.19J		2.9		0.22J		0.02		0.64J		0.27J		1.3		0.095J		0.71J
Pyrene	1700		0.18J		3.5		0.28J		0.04		0.9J		0.37J		1.9		0.11J		0.89J
Butylbenzylphthalate	1100		ND		ND		ND		ND		ND		ND		ND		ND		ND
Benzo[a]anthracene	0.9		ND		**1.0J**		0.11J		**0.01**		0.32J		0.16J		0.7J		ND		0.24J
3,3'-Dichlorobenzidine	2		ND		ND		ND		ND		ND		ND		ND		ND		ND
Chrysene	9		ND		2.5		0.28J		**0.03**		0.68J		0.29J		1.5		ND		0.72J
bis(2-Ethylhexyl)phthalate	49		ND		ND		0.12J		ND		ND		ND		ND		ND		ND
Benzo[b]fluoranthene	0.9		ND		**1.1**		0.17J		**9.5**		0.33J		0.14J		0.67J		ND		0.32J
Benzo[k]fluoranthene	0.9		ND		**1.2**		ND		**1.3**		0.43J		0.18J		0.72J		ND		0.38J
Benzo[a]pyrene	0.66		ND		**1.0J**		ND		**6.7**		0.36J		0.13J		**0.77J**		ND		0.28J
Indeno[1,2,3-cd]pyrene	0.9		ND		0.55J		ND		**2.0**		ND		ND		0.55J		ND		0.2J
Dibenz[a,h]anthracene	0.66		ND		ND		ND		**1.4**		ND		ND		ND		ND		ND
Benzo[g,h,I]perylene	NLE		ND		0.49J		ND		2.0		ND		ND		0.49J		ND		0.21J
Pesticides/PCBs (mg/kg)																			
Heptachlor	0.15		0.004		ND		ND		ND		ND		ND		ND		ND		ND
Heptachlor Epoxide	NLE		0.023		ND		ND		ND		ND		ND		ND		0.01		ND
4,4'-DDE	2		0.013		0.315		0.233		0.104		0.433		0.068		0.644		0.024		0.422
Dieldrin	0.042		0.004		ND		ND		ND		ND		ND		ND		0.003		ND
Endrin	17		ND		ND		ND		ND		ND		ND		ND		ND		ND
Endosulfan II	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND
4,4'-DDD	3		0.012		0.17		0.082		0.021		2.225		0.03		ND		0.004		0.048
Endrin Aldehyde	NLE		ND		ND		ND		ND		ND		ND		0.061		ND		ND
4,4'-DDT	2		0.039		0.444		0.472		0.15		**5.604**		0.427		1.237		0.05		1.0
Endosulfan-Sulfate	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND
gamma-Chlordane	NLE		0.004		ND		ND		ND		ND		ND		ND		0.002		ND
alpha-Chlordane	NLE		0.001		ND		ND		ND		ND		ND		ND		ND		ND
Arochlor 1254	0.49		ND		ND		ND		ND		ND		ND		ND		ND		ND
Metals (mg/kg)																			
Aluminum	NLE		8370		2150		3880		4400		7220		6310		8000		8920		3360
Antimony	14		ND		ND		0.285		0.763		1.38		0.483		0.759		ND		0.444
Arsenic	20		5.26		5.78		7.42		10		9.59		10.2		8.04		4.76		6.16
Barium	700		25		24.4		98.9		70.6		55.2		26		40.3		25.7		28.3
Beryllium	2		0.422		0.227		0.804		0.534		1.1		0.446		0.764		0.399		0.336
Cadmium	39		ND		ND		0.115		ND		ND		ND		ND		ND		ND
Calcium	NLE		774		901		1700		983		654		314		1210		606		631
Chromium	NLE		28.8		12.9		21.4		37.5		74.3		69		60.4		27.1		22.4
Cobalt	NLE		1.68		1.77		2.73		2.52		1.09		1.08		2.47		1.6		1.47
Copper	600		4.41		24.9		30.3		29.8		32.9		4.04		22		3.7		23.1
Iron	NLE		11900		6370		10700		19400		28900		17800		21500		11300		10800
Lead	400		23.4		54.3		117		122		137		12.9		67.7		15.3		81.2
Magnesium	NLE		1120		443		2390		1440		2280		1680		2160		1040		748
Manganese	NLE		48.9		30		103		49.5		20.7		12.9		69.5		46.6		29.2
Mercury	14		0.095		0.159		0.236		2.341		0.392		0.197		0.096		0.351		0.301
Nickel	250		4.55		4.61		6.11		6.6		5.86		4.76		8.15		4.31		5.43
Potassium	NLE		3200		882		2270		4340		4950		5820		4300		3180		1920
Selenium	63		ND		0.582		ND		ND		ND		0.353		ND		ND		ND
Silver	110		ND		ND		ND		ND		ND		ND		ND		ND		ND
Sodium	NLE		95.2		142		491		386		723		572		168		94.2		262
Thallium	2		ND		0.348		ND		0.54		ND		0.527		ND		ND		0.457
Vanadium	370		24.2		16		20.5		28.3		34.4		38.7		41.8		23.5		23.1
Zinc	1500		28.6		30.6		67.3		57.2		62		25.8		79.5		22.5		48

NOTES:
ND = Not Detected
NLE = No Limit Established
J = Estimated Value: Mass spectrometer and retention time data indicate the presence of the analyte, however the result is less than the method detection limit, but greater than zero.

Table 4-1
Soil Sampling Results
M5 Landfill Site
Fort Monmouth, New Jersey

Lab Sample ID	NJDEP Cleanup Criteria (mg/kg)	3812.07	3812.08	3812.09	3812.10	3812.11	3812.12	3812.13	3812.14	3812.15	3812.16	3812.17	3812.18	3812.19	3827.02	3827.03	3827.04	3827.05	3827.06
Field Sample Location		B225 (24")	B226 (6-12")	B226 (24")	B227 (6-12")	B227 (24")	B228 (6-12")	B228 (24")	B229 (6-12")	B229 (24")	B230 (6-12")	B230 (24")	B231 (6-12")	B231 (24")	B232 (6-12")	B232 (24")	B233 (6-12")	B233 (24")	B234 (6-12")
Sample Date		8/14/1998	8/14/1998	8/14/1998	8/14/1998	8/14/1998	8/14/1998	8/14/1998	8/14/1998	8/14/1998	8/14/1998	8/14/1998	8/14/1998	8/14/1998	8/25/1998	8/25/1998	8/25/1998	8/25/1998	8/25/1998
Volatiles (mg/kg)																			
Benzene	3	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Chloroform	19	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Methylene Chloride	49	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Tetrachloroethene	4	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Toluene	1000	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Semi-Volatiles (mg/kg)																			
Pyridine	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND
4-Methylphenol	2800		ND		ND		ND		ND		ND		ND		ND		ND		ND
Naphthalene	230		ND		ND		ND		ND		ND		ND		ND		ND		ND
2-Methylnaphthalene	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND
Dimethylphthalate	10,000		ND		ND		ND		ND		ND		ND		ND		ND		ND
Acenaphthylene	NLE		0.11J		ND		ND		ND		ND		ND		ND		0.23J		ND
Acenaphthene	3400		ND		ND		ND		ND		ND		ND		ND		ND		0.21 J
Dibenzofuran	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND
Diethylphthalate	10,000		ND		ND		ND		ND		ND		ND		ND		ND		ND
Fluorene	2300		ND		ND		ND		ND		ND		ND		ND		ND		0.26 J
n-Nitrosodiphenylamine	140		ND		ND		ND		ND		ND		ND		ND		ND		ND
Phenanthrene	NLE		0.36J		ND		0.17J		0.28J		0.31J		ND		ND		0.59J		3.2
Anthracene	10,000		ND		ND		ND		ND		ND		ND		ND		0.17J		0.75 J
Di-n-butylphthalate	5700		0.53J		0.21J		0.67J		0.71J		0.47J		0.16J		0.42J		0.45J		0.58 J
Fluoranthene	2300		0.5J		ND		0.16J		0.29J		0.36J		0.25J		0.13J		0.95J		5.1
Pyrene	1700		0.7J		0.14J		0.27J		0.43J		0.55J		0.38J		0.2J		1.2		4.7
Butylbenzylphthalate	1100		ND		ND		ND		ND		ND		ND		ND		ND		ND
Benzo[a]anthracene	0.9		0.28J		ND		ND		0.16J		0.19J		0.13J		ND		0.57J		**2.1**
3,3'-Dichlorobenzidine	2		ND		ND		ND		ND		ND		ND		ND		ND		ND
Chrysene	9		0.61J		ND		0.2J		0.34J		0.45J		0.35J		ND		1.0J		3.1
bis(2-Ethylhexyl)phthalate	49		ND		ND		ND		ND		ND		ND		ND		ND		0.13 J
Benzo[b]fluoranthene	0.9		0.31J		ND		ND		0.13J		0.18J		0.14J		ND		0.45J		**1.6**
Benzo[k]fluoranthene	0.9		0.36J		ND		ND		0.2J		0.21J		0.16J		ND		0.62J		**1.5**
Benzo[a]pyrene	0.66		0.32J		ND		ND		0.15J		0.21J		0.15J		ND		0.57J		**1.6**
Indeno[1,2,3-cd]pyrene	0.9		0.2J		ND		ND		ND		0.12J		ND		ND		0.33J		0.88 J
Dibenz[a,h]anthracene	0.66		ND		ND		ND		ND		ND		ND		ND		ND		ND
Benzo[g,h,I]perylene	NLE		0.19J		ND		ND		ND		0.13J		ND		ND		0.29J		0.65J
Pesticides/PCBs (mg/kg)																			
Heptachlor	0.15		ND		ND		ND		ND		ND		ND		ND		ND		ND
Heptachlor Epoxide	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND
4,4'-DDE	2		0.612		0.241		0.262		0.169		0.483		0.366		0.383		0.104		0.08
Dieldrin	0.042		ND		ND		ND		ND		ND		ND		ND		ND		ND
Endrin	17		ND		ND		ND		ND		ND		ND		ND		ND		ND
Endosulfan II	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND
4,4'-DDD	3		0.164		0.276		0.419		0.179		0.127		0.089		0.181		0.068		0.143
Endrin Aldehyde	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND
4,4'-DDT	2		0.973		0.859		ND		1.07		0.833		0.626		1.344		0.345		1.143
Endosulfan-Sulfate	NLE		ND		ND		2.215		ND		ND		ND		ND		ND		ND
gamma-Chlordane	NLE		ND		ND		ND		ND		ND		ND		0.007		ND		ND
alpha-Chlordane	NLE		ND		ND		ND		ND		ND		ND		0.01		ND		ND
Arochlor 1254	0.49		ND		ND		ND		ND		ND		ND		ND		ND		ND
Metals (mg/kg)																			
Aluminum	NLE		5370		6730		8520		4570		6620		7420		7250		3370		4870
Antimony	14		0.648		NDo ata		1.17		1.06		0.918		1.12		1.28		0.374		0.9
Arsenic	20		7.7		6.64		8.79		11		9.13		7.76		9.52		6.66		6.23
Barium	700		47.9		38.5		39.9		31.5		19		31		45.3		35.5		25.8
Beryllium	2		0.719		0.916		1.43		0.514		0.723		0.786		0.958		0.5		0.861
Cadmium	39		ND		ND		ND		ND		ND		ND		ND		ND		ND
Calcium	NLE		1020		519		395		344		420		786		862		708		199
Chromium	NLE		44.1		73.2		92.1		51.5		62.7		59.1		74.3		20.6		55.4
Cobalt	NLE		2.1		0.94		1.42		0.718		1.55		2.61		1.36		3.37		0.88
Copper	600		32.9		8.81		5.93		17.7		11.6		12.9		14.2		11.9		2.95
Iron	NLE		18800		25700		30100		30800		20200		26600		29600		12200		19900
Lead	400		111		21.4		23.9		18.8		36.3		47.5		55.9		25.5		14.4
Magnesium	NLE		1470		2690		2940		1530		1890		1430		2260		684		1640
Manganese	NLE		40		11.5		26.8		10.5		45.2		45.2		21.2		61.6		14.7
Mercury	14		0.283		0.198		0.212		0.182		0.067		0.078		0.278		0.22		0.213
Nickel	250		7.43		4.49		5.39		3.49		5.19		9.07		6.07		6.49		3.35
Potassium	NLE		4750		5430		6580		3610		3780		5360		4740		1950		6550
Selenium	63		ND		ND		ND		ND		ND		ND		ND		ND		ND
Silver	110		ND		ND		ND		ND		ND		ND		ND		ND		ND
Sodium	NLE		448		483		315		565		135		241		360		297		194
Thallium	2		0.457		0.898		0.567		0.69		ND		0.429		0.725		0.456		0.68
Vanadium	370		28.9		24.8		32.1		34		42.3		60.8		40.3		15.7		17.6
Zinc	1500		50.3		34.3		50.8		43.5		32.1		36.3		43.4		59.6		28.8

NOTES:
ND = Not Detected
NLE = No Limit Established
J = Estimated Value: Mass spectrometer and retention time data indicate the presence of the analyte, however the result is less than the method detection limit, but greater than zero.

Table 4-1
Soil Sampling Results
M5 Landfill Site
Fort Monmouth, New Jersey

Lab Sample ID	NJDEP Cleanup Criteria (mg/kg)	3827.07	3827.08	3827.09	3827.10	3827.11	3836.02	3836.03	3836.04	3836.05	3836.06	3836.07	3836.08	3836.09	3836.10	3836.11	3836.12	3836.13	3836.14
Field Sample Location		B234 (24")	B235 (6-12")	B235 (24")	B236 (6-12")	B236 (24")	B237 (6-12")	B237 (24")	B238 (6-12")	B238 (24")	B239 (6-12")	B239 (24")	B240 (6-12")	B240 (24")	B241 (6-12")	B241 (24")	B242 (6-12")	B242 (24")	B243 (6-12")
Sample Date		8/25/1998	8/25/1998	8/25/1998	8/25/1998	8/25/1998	8/26/1998	8/26/1998	8/26/1998	8/26/1998	8/26/1998	8/26/1998	8/26/1998	8/26/1998	8/26/1998	8/26/1998	8/26/1998	8/26/1998	8/26/1998
Volatiles (mg/kg)																			
Benzene	3	ND		ND		0.34		ND		ND		ND		ND		ND		ND	
Chloroform	19	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Methylene Chloride	49	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Tetrachloroethene	4	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Toluene	1000	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Semi-Volatiles (mg/kg)																			
Pyridine	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND
4-Methylphenol	2800		ND		ND		ND		ND		ND		ND		ND		ND		ND
Naphthalene	230		ND		ND		ND		ND		ND		ND		ND		ND		ND
2-Methylnaphthalene	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND
Dimethylphthalate	10,000		ND		ND		ND		ND		ND		ND		ND		ND		ND
Acenaphthylene	NLE		ND		0.2J		ND		ND		0.34J		0.26J		ND		ND		ND
Acenaphthene	3400		ND		ND		ND		ND		ND		ND		ND		ND		ND
Dibenzofuran	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND
Diethylphthalate	10,000		ND		ND		ND		ND		ND		ND		ND		ND		ND
Fluorene	2300		ND		ND		ND		ND		ND		ND		ND		ND		ND
n-Nitrosodiphenylamine	140		ND		ND		ND		ND		ND		ND		ND		ND		ND
Phenanthrene	NLE		0.37J		0.67J		0.3J		0.44J		1.0J		0.99J		0.21J		ND		ND
Anthracene	10,000		ND		0.12J		ND		ND		ND		ND		ND		ND		ND
Di-n-butylphthalate	5700		0.41J		0.28J		0.32J		ND		0.19J		0.44J		0.42J		ND		0.29J
Fluoranthene	2300		0.41J		0.7J		0.31J		0.35J		0.95J		0.85J		0.25J		0.18J		ND
Pyrene	1700		0.57J		1.1		0.61J		0.58J		1.8		1.6		0.39J		0.31J		ND
Butylbenzylphthalate	1100		ND		ND		ND		ND		ND		ND		ND		ND		ND
Benzo[a]anthracene	0.9		0.22J		0.38J		0.22J		0.2J		0.55J		0.51J		ND		ND		ND
3,3'-Dichlorobenzidine	2		ND		ND		ND		ND		ND		ND		ND		ND		ND
Chrysene	9		0.45J		0.86J		0.49J		0.41J		1.3		1.1		ND		ND		ND
bis(2-Ethylhexyl)phthalate	49		ND		ND		ND		ND		ND		ND		ND		ND		ND
Benzo[b]fluoranthene	0.9		0.2J		0.34J		ND		ND		0.5J		0.41J		ND		ND		ND
Benzo[k]fluoranthene	0.9		0.24J		0.42J		ND		ND		0.52J		0.47J		ND		ND		ND
Benzo[a]pyrene	0.66		0.21J		0.4J		ND		ND		0.56J		0.51J		ND		ND		ND
Indeno[1,2,3-cd]pyrene	0.9		ND		0.18J		ND		ND		0.24J		0.21J		ND		ND		ND
Dibenz[a,h]anthracene	0.66		ND		ND		ND		ND		ND		ND		ND		ND		ND
Benzo[g,h,I]perylene	NLE		0.12J		0.19J		ND		ND		0.23J		0.22J		ND		ND		ND
Pesticides/PCBs (mg/kg)																			
Heptachlor	0.15		ND		ND		ND		ND		ND		ND		ND		ND		ND
Heptachlor Epoxide	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND
4,4'-DDE	2		0.204		0.272		0.275		0.412		0.592		0.445		0.195		0.036		0.135
Dieldrin	0.042		ND		ND		ND		ND		**0.049**		ND		ND		ND		ND
Endrin	17		ND		ND		ND		ND		ND		ND		ND		ND		ND
Endosulfan II	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND
4,4'-DDD	3		0.209		0.158		0.021		0.033		0.779		0.287		0.077		0.056		0.037
Endrin Aldehyde	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND
4,4'-DDT	2		1.028		1.28		0.65		1.438		**2.914**		1.636		0.599		0.07		0.62
Endosulfan-Sulfate	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND
gamma-Chlordane	NLE		ND		ND		0.012		0.007		0.004		ND		ND		ND		ND
alpha-Chlordane	NLE		ND		ND		0.011		0.007		0.003		0.002		ND		ND		ND
Arochlor 1254	0.49		ND		ND		ND		ND		ND		ND		ND		ND		ND
Metals (mg/kg)																			
Aluminum	NLE		5200		10200		4020		6180		5840		7580		5080		5800		7380
Antimony	14		1.04		1.67		0.604		0.948		0.721		1.16		0.821		0.593		1.15
Arsenic	20		7.87		9.48		5.11		8.95		9.08		12.6		7.6		6.45		10
Barium	700		36.4		36.3		16.8		20.1		49.4		48.1		46.5		24.5		51
Beryllium	2		0.887		1.39		0.479		0.733		0.799		0.949		1.15		0.736		0.927
Cadmium	39		ND		ND		ND		ND		ND		ND		ND		ND		ND
Calcium	NLE		442		583		595		290		371		421		332		575		427
Chromium	NLE		57.3		112		40.3		59.8		61.8		71.4		52.1		45.8		72
Cobalt	NLE		0.948		1.67		1.79		2.79		1.01		1.26		1.11		0.951		2.04
Copper	600		10.5		5.84		8.44		1.78		17.6		18.4		6.5		7.62		12.3
Iron	NLE		22900		41300		17300		31700		24100		28500		21100		17000		33900
Lead	400		30.7		21.9		26		13.4		50.6		55.8		28.5		19.4		17
Magnesium	NLE		1690		4380		928		872		1690		2060		1470		1420		1930
Manganese	NLE		14.1		15.7		53.3		60.2		13.9		16.9		13		28.1		24.9
Mercury	14		0.288		0.217		0.037		0.015		0.38		0.391		0.332		0.19		0.255
Nickel	250		4.77		6.44		5.85		7.59		4.97		6.16		5		**431**		8.64
Potassium	NLE		3720		10200		2360		2490		6150		4130		5540		4830		7840
Selenium	63		ND		ND		ND		ND		ND		ND		ND		ND		ND
Silver	110		ND		ND		ND		ND		ND		ND		ND		ND		ND
Sodium	NLE		431		582		104		97		320		374		304		362		898
Thallium	2		0.475		0.589		0.402		0.57		0.606		1.06		1.03		0.426		0.71
Vanadium	370		22.7		51.8		39.8		74.9		28.9		40.4		21.3		19.8		59.3
Zinc	1500		43.8		43.6		39.1		46.3		39.6		43.7		43.8		53.5		35.8

NOTES:
ND = Not Detected
NLE = No Limit Established
J = Estimated Value: Mass spectrometer and retention time data indicate the presence of the analyte, however the result is less than the method detection limit, but greater than zero.

Table 4-1
Soil Sampling Results
M5 Landfill Site
Fort Monmouth, New Jersey

Lab Sample ID	NJDEP Cleanup Criteria (mg/kg)	3836.15	3836.16	3836.17	3836.18	3836.19	3836.20	3836.21	3836.22	3836.23	3836.24	3836.25	3836.26	3836.27	3836.28	3836.29	3836.30	3836.31	3836.32
Field Sample Location		B243 (24")	B244 (6-12")	B244 (24")	B245 (6-12")	B245 (24")	B246 (6-12")	B246 (24")	B247 (6-12")	B247 (24")	B248 (6-12")	B248 (24")	B249 (6-12")	B249 (24")	B250 (6-12")	B250 (24")	B251 (6-12")	B251 (24")	B252 (6-12")
Sample Date		8/26/1998	8/26/1998	8/26/1998	8/26/1998	8/26/1998	8/26/1998	8/26/1998	8/26/1998	8/26/1998	8/26/1998	8/26/1998	8/26/1998	8/26/1998	8/26/1998	8/26/1998	8/26/1998	8/26/1998	8/26/1998
Volatiles (mg/kg)																			
Benzene	3	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Chloroform	19	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Methylene Chloride	49	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Tetrachloroethene	4	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Toluene	1000	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Semi-Volatiles (mg/kg)																			
Pyridine	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND
4-Methylphenol	2800		ND		ND		ND		ND		ND		ND		ND		ND		ND
Naphthalene	230		ND		ND		ND		ND		ND		ND		ND		ND		ND
2-Methylnaphthalene	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND
Dimethylphthalate	10,000		ND		ND		ND		ND		ND		ND		ND		ND		ND
Acenaphthylene	NLE		0.21J		ND		ND		ND		ND		ND		ND		ND		ND
Acenaphthene	3400		ND		ND		ND		ND		ND		ND		ND		ND		ND
Dibenzofuran	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND
Diethylphthalate	10,000		ND		ND		ND		ND		ND		ND		ND		ND		ND
Fluorene	2300		ND		ND		ND		ND		ND		ND		ND		ND		ND
n-Nitrosodiphenylamine	140		ND		ND		ND		ND		ND		ND		ND		ND		ND
Phenanthrene	NLE		1.1		0.44J		0.36J		ND		ND		ND		0.4J		0.3J		0.24J
Anthracene	10,000		ND		ND		ND		ND		ND		ND		ND		ND		ND
Di-n-butylphthalate	5700		0.96J		0.46J		0.96J		0.44J		0.44J		0.35J		0.78J		0.39J		0.37J
Fluoranthene	2300		0.72J		0.42J		0.36J		0.19J		0.19J		ND		0.31J		0.29J		0.3J
Pyrene	1700		1.4		0.68J		0.57J		0.31J		0.3J		ND		0.56J		0.45J		0.57J
Butylbenzylphthalate	1100		ND		ND		ND		ND		ND		ND		ND		ND		ND
Benzo[a]anthracene	0.9		0.41J		0.22J		ND		ND		ND		ND		ND		ND		0.22J
3,3'-Dichlorobenzidine	2		ND		ND		ND		ND		ND		ND		ND		ND		ND
Chrysene	9		0.88J		0.46J		ND		ND		ND		ND		ND		ND		0.43J
bis(2-Ethylhexyl)phthalate	49		ND		ND		ND		ND		ND		ND		ND		ND		ND
Benzo[b]fluoranthene	0.9		ND		ND		ND		ND		ND		ND		ND		ND		ND
Benzo[k]fluoranthene	0.9		ND		ND		ND		ND		ND		ND		ND		ND		ND
Benzo[a]pyrene	0.66		ND		ND		ND		ND		ND		ND		ND		ND		ND
Indeno[1,2,3-cd]pyrene	0.9		ND		ND		ND		ND		ND		ND		ND		ND		ND
Dibenz[a,h]anthracene	0.66		ND		ND		ND		ND		ND		ND		ND		ND		ND
Benzo[g,h,I]perylene	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND
Pesticides/PCBs (mg/kg)																			
Heptachlor	0.15		ND		ND		ND		ND		ND		ND		ND		ND		ND
Heptachlor Epoxide	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND
4,4'-DDE	2		1.003		0.164		0.33		0.408		0.083		0.903		**3.33**		0.742		1.104
Dieldrin	0.042		ND		ND		ND		ND		ND		ND		ND		ND		ND
Endrin	17		ND		ND		ND		ND		ND		ND		ND		ND		ND
Endosulfan II	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND
4,4'-DDD	3		0.178		0.08		0.171		0.145		0.045		0.378		0.729		0.046		0.041
Endrin Aldehyde	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND
4,4'-DDT	2		**2.781**		0.789		**2.226**		1.918		0.525		**13.949**		**23.629**		**2.094**		1.746
Endosulfan-Sulfate	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND
gamma-Chlordane	NLE		ND		ND		ND		ND		ND		ND		0.015		ND		ND
alpha-Chlordane	NLE		ND		ND		0.003		ND		ND		ND		0.023		ND		ND
Arochlor 1254	0.49		ND		ND		ND		ND		ND		ND		ND		ND		ND
Metals (mg/kg)																			
Aluminum	NLE		3900		8730		5890		5890		6970		3390		8150		6430		5560
Antimony	14		0.495		1.28		0.94		0.931		1.14		0.654		1.43		1.31		0.774
Arsenic	20		6.62		9.43		8.91		8.61		9.13		5.72		7.84		11.3		9.19
Barium	700		34.5		53.7		53.3		40.9		34.6		25.1		31.1		69.6		32.2
Beryllium	2		0.45		1.25		0.811		1.02		0.945		0.538		1.02		0.824		0.736
Cadmium	39		ND		ND		ND		ND		ND		ND		ND		ND		ND
Calcium	NLE		929		396		306		787		1140		278		389		828		1100
Chromium	NLE		31.3		88.1		63.2		60.5		72.5		39.3		90.1		72.6		56.7
Cobalt	NLE		1.85		1.68		0.96		0.998		1.55		0.926		1.02		1.36		1.43
Copper	600		27		45.3		22.5		18		10.1		5.01		5.52		110		15.8
Iron	NLE		13200		33700		28200		24400		30600		17500		32800		31400		21200
Lead	400		94.5		50.5		53.2		47.4		21.6		23.1		20.2		163		69.8
Magnesium	NLE		1090		2980		1660		1830		2730		1160		3380		2210		1920
Manganese	NLE		53.9		18.8		15		19		33.2		8.41		12.4		38.5		49.7
Mercury	14		0.228		0.355		0.385		0.371		0.229		0.267		0.163		0.275		0.361
Nickel	250		5.75		7.73		4.64		4.52		6.14		2.99		4.74		5.81		5.24
Potassium	NLE		3120		7070		3650		3760		5980		4390		8120		4900		3860
Selenium	63		ND		ND		ND		ND		ND		ND		ND		ND		ND
Silver	110		ND		ND		ND		ND		ND		ND		ND		ND		ND
Sodium	NLE		262		303		310		349		360		336		342		388		147
Thallium	2		0.389		0.969		0.665		0.863		0.563		0.681		0.6		0.709		0.535
Vanadium	370		27.8		45.4		28.6		27.3		33		15.9		40		35.1		25.7
Zinc	1500		65.6		47.6		181		43.6		69.5		27.2		39.4		123		115

NOTES:
ND = Not Detected
NLE = No Limit Established
J = Estimated Value: Mass spectrometer and retention time data indicate the presence of the analyte, however the result is less than the method detection limit, but greater than zero.

Table 4-1
Soil Sampling Results
M5 Landfill Site
Fort Monmouth, New Jersey

Lab Sample ID Field Sample Location Sample Date	NJDEP Cleanup Criteria (mg/kg)	3836.33 B252 (24") 8/26/1998	3836.34 B253 (6-12") 8/26/1998	3836.35 B253 (24") 8/26/1998	3836.36 B254 (6-12") 8/26/1998	3836.37 B254 (24") 8/26/1998
Volatiles (mg/kg)						
Benzene	3	ND		ND		ND
Chloroform	19	ND		ND		ND
Methylene Chloride	49	ND		ND		ND
Tetrachloroethene	4	ND		ND		ND
Toluene	1000	ND		ND		ND
Semi-Volatiles (mg/kg)						
Pyridine	NLE		ND		ND	
4-Methylphenol	2800		ND		ND	
Naphthalene	230		ND		ND	
2-Methylnaphthalene	NLE		ND		ND	
Dimethylphthalate	10,000		ND		ND	
Acenaphthylene	NLE		ND		0.25J	
Acenaphthene	3400		ND		ND	
Dibenzofuran	NLE		ND		ND	
Diethylphthalate	10,000		ND		ND	
Fluorene	2300		ND		ND	
n-Nitrosodiphenylamine	140		ND		ND	
Phenanthrene	NLE		ND		1.8	
Anthracene	10,000		ND		ND	
Di-n-butylphthalate	5700		ND		ND	
Fluoranthene	2300		ND		1.3	
Pyrene	1700		ND		2.4	
Butylbenzylphthalate	1100		ND		ND	
Benzo[a]anthracene	0.9		ND		0.69J	
3,3'-Dichlorobenzidine	2		ND		ND	
Chrysene	9		ND		1.4	
bis(2-Ethylhexyl)phthalate	49		ND		ND	
Benzo[b]fluoranthene	0.9		ND		0.48J	
Benzo[k]fluoranthene	0.9		ND		0.51J	
Benzo[a]pyrene	0.66		ND		0.52J	
Indeno[1,2,3-cd]pyrene	0.9		ND		0.31J	
Dibenz[a,h]anthracene	0.66		ND		ND	
Benzo[g,h,I]perylene	NLE		ND		0.32J	
Pesticides/PCBs (mg/kg)						
Heptachlor	0.15		ND		ND	
Heptachlor Epoxide	NLE		ND		ND	
4,4'-DDE	2		0.23		**4.185**	
Dieldrin	0.042		ND		ND	
Endrin	17		ND		ND	
Endosulfan II	NLE		ND		ND	
4,4'-DDD	3		0.043		**3.787**	
Endrin Aldehyde	NLE		ND		ND	
4,4'-DDT	2		0.856		**56.446**	
Endosulfan-Sulfate	NLE		ND		ND	
gamma-Chlordane	NLE		ND		0.021	
alpha-Chlordane	NLE		ND		0.026	
Arochlor 1254	0.49		ND		ND	
Metals (mg/kg)						
Aluminum	NLE		4350		6740	
Antimony	14		0.688		0.916	
Arsenic	20		5.88		10.1	
Barium	700		17		48.4	
Beryllium	2		0.84		**2.05**	
Cadmium	39		ND		ND	
Calcium	NLE		563		143	
Chromium	NLE		46.7		52.8	
Cobalt	NLE		1.21		2.76	
Copper	600		11.9		10.1	
Iron	NLE		16400		27700	
Lead	400		12.4		40.3	
Magnesium	NLE		1330		1130	
Manganese	NLE		15.4		38	
Mercury	14		0.069		0.706	
Nickel	250		3.33		6.57	
Potassium	NLE		5380		4170	
Selenium	63		ND		ND	
Silver	110		ND		0.413	
Sodium	NLE		84.6		99.8	
Thallium	2		0.332		0.691	
Vanadium	370		13.5		26.8	
Zinc	1500		32.1		51.5	

NOTES:
ND = Not Detected
NLE = No Limit Established
J = Estimated Value: Mass spectrometer and retention time data indicate the presence of the analyte, however the result is less than the method detection limit, but greater than zero.

Table 4-2
Borings in Which Detections Exceeded Criteria
M-5 Landfill
Fort Monmouth, New Jersey

Boring ID	Analyte
VOCs - 2 Borings	
B15	
	Tetrachloroethene
B23	
	Tetrachloroethene
SVOCs - 17 Borings	
B07	
	Benzo(a)anthracene
	Benzo(a)pyrene
B26	
	Benzo(a)pyrene
B27	
	Benzo(a)anthracene
	Benzo(a)pyrene
	Benzo(b)fluoranthene
	Benzo(k)fluoranthene
	Indeno(1,2,3-cd)pyrene
B35	
	Benzo(a)pyrene
B42	
	Benzo(a)pyrene
B44	
	Benzo(a)anthracene
	Benzo(a)pyrene
	Benzo(b)fluoranthene
	Benzo(k)fluoranthene
	Indeno(1,2,3-cd)pyrene
B67	
	Benzo(a)pyrene
B69	
	Benzo(a)pyrene
B71	
	Benzo(a)anthracene
	Benzo(a)pyrene
	Benzo(b)fluoranthene
	Benzo(k)fluoranthene
	Dibenz(a,h)anthracene
	Indeno(1,2,3-cd)pyrene
B72	
	Benzo(a)anthracene
	Benzo(a)pyrene
	Benzo(b)fluoranthene
	Benzo(k)fluoranthene
B84	
	Benzo(a)anthracene

Notes:
RDCSCC = Residential Direct Contact Cleanup Criteria pre N.J.A.C. 7:26D.
VOCs = Volatile Organic Compounds; SVOCs = Semi-Volatile Organic Compounds.
Pest/PCBs = Pesticides/Polychlorinated-Biphenyls.

Table 4-2
Borings in Which Detections Exceeded Criteria
M-5 Landfill
Fort Monmouth, New Jersey

Boring ID	Analyte
	Benzo(a)pyrene
	Benzo(b)fluoranthene
	Benzo(k)fluoranthene
	Chrysene
	Dibenz(a,h)anthracene
	Indeno(1,2,3-cd)pyrene
B92	
	Benzo(a)anthracene
	Benzo(a)pyrene
	Benzo(b)fluoranthene
	Benzo(k)fluoranthene
	Chrysene
	Indeno(1,2,3-cd)pyrene
B202	
	Benzo(a)anthracene
	Benzo(a)pyrene
	Benzo(b)fluoranthene
	Benzo(k)fluoranthene
	Dibenz(a,h)anthracene
	Indeno(1,2,3-cd)pyrene
B218	
	Benzo(a)anthracene
	Benzo(a)pyrene
	Benzo(b)fluoranthene
	Benzo(k)fluoranthene
B220	
	Benzo(a)anthracene
	Benzo(a)pyrene
	Benzo(b)fluoranthene
	Benzo(k)fluoranthene
	Chrysene
	Dibenz(a,h)anthracene
	Indeno(1,2,3-cd)pyrene
B223	
	Benzo(a)pyrene
B234	
	Benzo(a)anthracene
	Benzo(a)pyrene
	Benzo(b)fluoranthene
	Benzo(k)fluoranthene
Pest/PCBs - 10 Borings	
B59	
	4,4'-DDE
	4,4'-DDT
B201	

Notes:
RDCSCC = Residential Direct Contact Cleanup Criteria pre N.J.A.C. 7:26D.
VOCs = Volatile Organic Compounds; SVOCs = Semi-Volatile Organic Compounds.
Pest/PCBs = Pesticides/Polychlorinated-Biphenyls.

Table 4-2
Borings in Which Detections Exceeded Criteria
M-5 Landfill
Fort Monmouth, New Jersey

Boring ID	Analyte
	Arochlor 1254
B221	
	4,4'-DDT
B239	
	4,4'-DDT
	Dieldrin
B244	
	4,4'-DDT
B246	
	4,4'-DDT
B249	
	4,4'-DDT
B250	
	4,4'-DDE
	4,4'-DDT
B251	
	4,4'-DDT
B254	
	4,4'-DDD
	4,4'-DDE
	4,4'-DDT
Metals - 28 Borings	
B02	
	Arsenic
B03	
	Arsenic
B09	
	Copper
B17	
	Lead
B19	
	Arsenic
B26	
	Lead
B27	
	Lead
B33	
	Arsenic
	Lead
B34	
	Lead
B35	
	Arsenic
	Beryllium
	Lead

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Pest/PCBs = Pesticides/Polychlorinated-Biphenyls.

Table 4-2
Borings in Which Detections Exceeded Criteria
M-5 Landfill
Fort Monmouth, New Jersey

Boring ID	Analyte
	Thallium
B41	
	Lead
B42	
	Lead
B44	
	Zinc
B46	
	Zinc
B48	
	Lead
B51	
	Arsenic
B54	
	Arsenic
B57	
	Lead
B59	
	Mercury
B63	
	Lead
B69	
	Copper
	Lead
B88	
	Beryllium
	Copper
	Lead
B99	
	Copper
	Lead
	Zinc
B163	
	Arsenic
B198	
	Arsenic
B199	
	Lead
B242	
	Nickel
B254	
	Beryllium

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Table 4-3
Laboratory Analysis Exceedance Summary
M-5 Landfill
Fort Monmouth, New Jersey

Analyte Name	RDCSC	Units	Number of Exceedances	Minimum Exceedance	Boring ID (Min)	Maximum Exceedance	Boring ID (Max)	Average Exceedance
VOCs								
Tetrachloroethene	4	mg/kg	2	4.8	B23	5	B15	4.900
SVOCs								
Benzo(a)anthracene	0.9	mg/kg	11	0.97	B72	14	B220	4.369
Benzo(a)pyrene	0.66	mg/kg	17	0.67	B26, B42	11	B84	2.405
Benzo(b)fluoranthene	0.9	mg/kg	10	1.1	B218	9.5	B220	3.690
Benzo(k)fluoranthene	0.9	mg/kg	10	1.2	B218, B72	8.8	B84	2.600
Chrysene	9	mg/kg	3	9.7	B92	25	B220	18.567
Dibenz(a,h)anthracene	0.66	mg/kg	4	1	B71	2.9	B84	1.700
Indeno(1,2,3-cd)pyrene	0.9	mg/kg	7	1.2	B27	4.9	B84	2.343
Pest/PCBs								
4,4'-DDD	3	mg/kg	1	3.787	B254	3.787	B254	3.787
4,4'-DDE	2	mg/kg	3	2.058	B59	4.185	B254	3.191
4,4'-DDT	2	mg/kg	9	2.094	B251	56.446	B254	13.425
Arochlor 1254	0.49	mg/kg	1	1.499	B201	1.499	B201	1.499
Dieldrin	0.042	mg/kg	1	0.049	B239	0.049	B239	0.049
Metals								
Arsenic	20	mg/kg	9	20.13	B02	1030	B19	164.416
Beryllium	2	mg/kg	3	2.05	B254	10.89	B35	5.909
Copper	600	mg/kg	4	1168	B99	2837	B09	1965.750
Lead	400	mg/kg	15	494	B199	4549	B99	1357.733
Mercury	14	mg/kg	1	17.584	B59	17.584	B59	17.584

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Pest/PCBs = Pesticides/Polychlorinated-Biphenyls.
Site Specific Maximum Concentrations were developed by Weston (1995) and may apply to arsenic and thallium in determining whether compliance averaging can be used per NJDEP (Spring 1995).

Table 4-3
Laboratory Analysis Exceedance Summary
M-5 Landfill
Fort Monmouth, New Jersey

Analyte Name	RDCSC	Units	Number of Exceedances	Minimum Exceedance	Boring ID (Min)	Maximum Exceedance	Boring ID (Max)	Average Exceedance
Nickel	250	mg/kg	1	431	B242	431	B242	431.000
Thallium	2	mg/kg	1	47.42	B35	47.42	B35	47.420
Zinc	1500	mg/kg	3	1598	B44	9772	B99	4393.000

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Pest/PCBs = Pesticides/Polychlorinated-Biphenyls.
Site Specific Maximum Concentrations were developed by Weston (1995) and may apply to arsenic and thallium in determining whether compliance averaging can be used per NJDEP (Spring 1995).

Table 4-4
Compliance Analysis Method Summary
M-5 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Average Area	RDCSCC	Units	Compliance Analysis Decision
VOCs				
Tetrachloroethene	AREA VOC-1	4	mg/kg	Compliance averaging used.
SVOCs				
Benzo(a)anthracene	AREA SVOC-1	0.9	mg/kg	Compliance averaging not allowed due to exceedance of the ceiling limit of 10X (for criterion<10 ppm).
Benzo(a)pyrene	AREA SVOC-1	0.66	mg/kg	Compliance averaging not allowed due to exceedance of 0.9 ppm limit for Benzo(a)pyrene.
Benzo(b)fluoranthene	AREA SVOC-1	0.9	mg/kg	Compliance averaging used.
Benzo(k)fluoranthene	AREA SVOC-1	0.9	mg/kg	Compliance averaging used.
Chrysene	AREA SVOC-1	9	mg/kg	Compliance averaging used.
Dibenz(a,h)anthracene	AREA SVOC-1	0.66	mg/kg	Compliance averaging not allowed due to exceedance of 0.9 ppm limit for Dibenz(a,h)anthracene.
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	mg/kg	Compliance averaging used.
Pest/PCBs				
4,4'-DDD	AREA PESTPCB-1	3	mg/kg	Compliance averaging used.
4,4'-DDE	AREA PESTPCB-1	2	mg/kg	Compliance averaging used.
4,4'-DDT	AREA PESTPCB-1	2	mg/kg	Compliance averaging not allowed due to exceedance of the ceiling limit of 10X (for criterion<10 ppm).

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VOCs = Volatile Organic Compounds; SVOCs = Semi-Volatile Organic Compounds.
Pest/PCBs = Pesticides/Polychlorinated-Biphenyls.
Site Specific Maximum Concentrations were developed by Weston (1995) and may apply to arsenic and thallium in determining whether compliance averaging can be used per NJDEP (Spring 1995).

Table 4-4
Compliance Analysis Method Summary
M-5 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Average Area	RDCSCC	Units	Compliance Analysis Decision
Arochlor 1254	AREA PESTPCB-1	0.49	mg/kg	Compliance averaging used.
Dieldrin	AREA PESTPCB-1	0.042	mg/kg	Compliance averaging used.
Metals				
Arsenic	AREA METALS-1	20	mg/kg	Compliance averaging not allowed due to exceedance of RDCSCC and site-specific maximum (22.9 mg/kg, Weston-1995).
Beryllium	AREA METALS-1	2	mg/kg	Compliance averaging not allowed due to exceedance of 2 mg/kg limit for Beryllium.
Copper	AREA METALS-1	600	mg/kg	Compliance averaging not allowed due to exceedance of the ceiling limit of 2X (for criterion>100 ppm).
Lead	AREA METALS-1	400	mg/kg	Compliance averaging not allowed due to exceedance of the ceiling limit of 2X (for criterion>100 ppm).
Mercury	AREA METALS-1	14	mg/kg	Compliance averaging used.
Nickel	AREA METALS-2	250	mg/kg	Compliance averaging used.
Thallium	AREA METALS-1	2	mg/kg	Compliance averaging not allowed due to exceedance of 2 mg/kg limit for Thallium.
Zinc	AREA METALS-1	1500	mg/kg	Compliance averaging not allowed due to exceedance of the ceiling limit of 2X (for criterion>100 ppm).

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Pest/PCBs = Pesticides/Polychlorinated-Biphenyls.
Site Specific Maximum Concentrations were developed by Weston (1995) and may apply to arsenic and thallium in determining whether compliance averaging can be used per NJDEP (Spring 1995).

Table 4-5
Compliance Averaging Results
M-5 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Area	RDCSCC	Boring ID	Result	Units	Exceeds Criteria	MDL	Dilution Factor	Result Used for Average
VOCs									
Tetrachloroethene									
	AREA VOC-1								
Tetrachloroethene	AREA VOC-1	4	B15	5	mg/kg	yes			5
Tetrachloroethene	AREA VOC-1	4	B23	4.8	mg/kg	yes			4.8
Tetrachloroethene	AREA VOC-1	4	B24	3.2	mg/kg	no			3.2
Tetrachloroethene	AREA VOC-1	4	B32	ND	mg/kg	no	0.27		0.135
Tetrachloroethene	AREA VOC-1	4	B40	3.1	mg/kg	no			3.1
						Compliance Average Result:			**3.247**

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Pest/PCBs = Pesticides/Polychlorinated-Biphenyls; ND = Not Detected.
MDL = Method Detction Limit (shown only for "ND" Results); 0.5*MDL used for calculating average.
For samples with dilution factors greater than 1, "ND" results were not used (Dilution factors shown only for these cases).

Table 4-5
Compliance Averaging Results
M-5 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Area	RDCSCC	Boring ID	Result	Units	Exceeds Criteria	MDL	Dilution Factor	Result Used for Average
SVOCs									
Benzo(b)fluoranthene									
	AREA SVOC-1								
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B07	0.89	mg/kg	no			0.89
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B08	0.16J	mg/kg	no			0.16
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B09	0.6	mg/kg	no			0.6
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B16	0.27	mg/kg	no			0.27
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B17	ND	mg/kg	no	0.27		0.135
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B24	ND	mg/kg	no	0.26		0.13
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B25	0.29	mg/kg	no			0.29
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B26	0.69	mg/kg	no			0.69
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B27	1.6	mg/kg	yes			1.6
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B32	0.16J	mg/kg	no			0.16
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B33	0.35	mg/kg	no			0.35
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B34	0.42	mg/kg	no			0.42
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B35	0.84	mg/kg	no			0.84
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B39	ND	mg/kg	no	0.3		0.15
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B40	ND	mg/kg	no	0.26		0.13
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B41	0.25J	mg/kg	no			0.25
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B42	0.72	mg/kg	no			0.72
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B43	ND	mg/kg	no	0.31		0.155
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B44	1.6	mg/kg	yes			1.6
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B67	0.41	mg/kg	no			0.41
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B68	ND	mg/kg	no			
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B69	0.74	mg/kg	no			0.74
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B70	ND	mg/kg	no	0.26		0.13
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B71	2.4	mg/kg	yes			2.4
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B72	1.2	mg/kg	yes			1.2
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B75	0.11J	mg/kg	no			0.11
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B76	0.2J	mg/kg	no			0.2
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B77	ND	mg/kg	no			
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B78	ND	mg/kg	no	0.26		0.13
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B79	ND	mg/kg	no	0.28		0.14
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B80	ND	mg/kg	no	0.28		0.14
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B83	ND	mg/kg	no	0.24		0.12
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B84	9.2	mg/kg	yes			9.2
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B85	ND	mg/kg	no			
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B86	ND	mg/kg	no	0.26		0.13

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For samples with dilution factors greater than 1, "ND" results were not used (Dilution factors shown only for these cases).

Table 4-5
Compliance Averaging Results
M-5 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Area	RDCSCC	Boring ID	Result	Units	Exceeds Criteria	MDL	Dilution Factor	Result Used for Average
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B87	ND	mg/kg	no			
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B92	5.6	mg/kg	yes			5.6
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B93	ND	mg/kg	no	0.26		0.13
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B94	ND	mg/kg	no			
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B95	ND	mg/kg	no			
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B96	ND	mg/kg	no			
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B159	ND	mg/kg	no	0.28		0.14
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B160	0.14J	mg/kg	no			0.14
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B161	ND	mg/kg	no			
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B162	ND	mg/kg	no			
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B163	0.61	mg/kg	no			0.61
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B165	ND	mg/kg	no			
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B166	0.17J	mg/kg	no			0.17
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B167	0.2J	mg/kg	no			0.2
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B168	ND	mg/kg	no			
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B169	ND	mg/kg	no			
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B179	ND	mg/kg	no			
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B181	ND	mg/kg	no			
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B197	ND	mg/kg	no			
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B200	0.16J	mg/kg	no			0.16
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B201	0.36	mg/kg	no			0.36
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B202	3.1	mg/kg	yes			3.1
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B203	0.23J	mg/kg	no			0.23
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B204	ND	mg/kg	no			
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B205	ND	mg/kg	no			
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B206	ND	mg/kg	no			
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B207	ND	mg/kg	no	0.26		0.13
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B209	0.53	mg/kg	no			0.53
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B210	ND	mg/kg	no	0.24		0.12
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B211	ND	mg/kg	no	0.26		0.13
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B212	0.18J	mg/kg	no			0.18
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B213	0.19J	mg/kg	no			0.19
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B216	ND	mg/kg	no			
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B217	ND	mg/kg	no	1		0.5
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B218	1.1	mg/kg	yes			1.1
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B219	0.17J	mg/kg	no			0.17
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B220	9.5	mg/kg	yes			9.5
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B223	0.67J	mg/kg	no			0.67
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B226	0.31J	mg/kg	no			0.31
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B227	ND	mg/kg	no	1.2		0.6

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For samples with dilution factors greater than 1, "ND" results were not used (Dilution factors shown only for these cases).

Table 4-5
Compliance Averaging Results
M-5 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Area	RDCSCC	Boring ID	Result	Units	Exceeds Criteria	MDL	Dilution Factor	Result Used for Average
						Compliance Average Result:			**0.885**
Benzo(k)fluoranthene									
	AREA SVOC-1								
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B07	0.86	mg/kg	no			0.86
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B08	ND	mg/kg	no	0.23		0.115
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B09	0.69	mg/kg	no			0.69
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B16	0.26	mg/kg	no			0.26
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B17	ND	mg/kg	no	0.2		0.1
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B24	ND	mg/kg	no	0.19		0.095
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B25	0.26	mg/kg	no			0.26
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B26	0.56	mg/kg	no			0.56
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B27	1.4	mg/kg	yes			1.4
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B32	0.15J	mg/kg	no			0.15
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B33	0.36	mg/kg	no			0.36
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B34	0.34	mg/kg	no			0.34
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B35	0.7	mg/kg	no			0.7
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B39	ND	mg/kg	no	0.98		0.49
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B40	ND	mg/kg	no	0.19		0.095
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B41	0.18J	mg/kg	no			0.18
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B42	0.59	mg/kg	no			0.59
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B43	ND	mg/kg	no	0.23		0.115
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B44	1.5	mg/kg	yes			1.5
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B67	0.53	mg/kg	no			0.53
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B68	ND	mg/kg	no			
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B69	0.7	mg/kg	no			0.7
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B70	ND	mg/kg	no	0.2		0.1
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B71	2.4	mg/kg	yes			2.4
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B72	1.2	mg/kg	yes			1.2
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B75	0.13J	mg/kg	no			0.13
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B76	0.22	mg/kg	no			0.22
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B77	ND	mg/kg	no	0.2		0.1
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B78	ND	mg/kg	no	0.2		0.1
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B79	ND	mg/kg	no	0.2		0.1
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B80	ND	mg/kg	no	0.2		0.1
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B83	ND	mg/kg	no	0.18		0.09
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B84	8.8	mg/kg	yes			8.8
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B85	ND	mg/kg	no	0.18		0.09
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B86	ND	mg/kg	no	0.2		0.1

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MDL = Method Detction Limit (shown only for "ND" Results); 0.5*MDL used for calculating average.
For samples with dilution factors greater than 1, "ND" results were not used (Dilution factors shown only for these cases).

Table 4-5
Compliance Averaging Results
M-5 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Area	RDCSCC	Boring ID	Result	Units	Exceeds Criteria	MDL	Dilution Factor	Result Used for Average
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B87	ND	mg/kg	no			
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B92	3.9	mg/kg	yes			3.9
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B93	ND	mg/kg	no	0.2		0.1
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B94	ND	mg/kg	no	0.18		0.09
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B95	ND	mg/kg	no			
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B96	ND	mg/kg	no			
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B159	ND	mg/kg	no	0.2		0.1
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B160	0.13J	mg/kg	no			0.13
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B161	ND	mg/kg	no			
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B162	ND	mg/kg	no			
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B163	0.63	mg/kg	no			0.63
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B165	ND	mg/kg	no			
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B166	0.14J	mg/kg	no			0.14
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B167	0.22	mg/kg	no			0.22
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B168	ND	mg/kg	no			
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B169	ND	mg/kg	no			
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B179	ND	mg/kg	no			
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B181	ND	mg/kg	no			
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B197	ND	mg/kg	no			
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B200	0.17J	mg/kg	no			0.17
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B201	0.36	mg/kg	no			0.36
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B202	2.8	mg/kg	yes			2.8
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B203	0.25	mg/kg	no			0.25
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B204	ND	mg/kg	no			
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B205	ND	mg/kg	no			
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B206	ND	mg/kg	no			
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B207	ND	mg/kg	no	0.2		0.1
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B209	ND	mg/kg	no			
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B210	ND	mg/kg	no	0.18		0.09
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B211	ND	mg/kg	no	0.2		0.1
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B212	0.22J	mg/kg	no			0.22
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B213	0.24J	mg/kg	no			0.24
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B216	ND	mg/kg	no			
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B217	ND	mg/kg	no	1		0.5
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B218	1.2	mg/kg	yes			1.2
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B219	ND	mg/kg	no	1.1		0.55
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B220	1.3	mg/kg	yes			1.3
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B223	0.72J	mg/kg	no			0.72
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B226	0.36J	mg/kg	no			0.36
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B227	ND	mg/kg	no	1.2		0.6

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For samples with dilution factors greater than 1, "ND" results were not used (Dilution factors shown only for these cases).

Table 4-5
Compliance Averaging Results
M-5 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Area	RDCSCC	Boring ID	Result	Units	Exceeds Criteria	MDL	Dilution Factor	Result Used for Average
						Compliance Average Result:			**0.664**
Chrysene									
	AREA SVOC-1								
Chrysene	AREA SVOC-1	9	B07	1.5	mg/kg	no			1.5
Chrysene	AREA SVOC-1	9	B08	0.49	mg/kg	no			0.49
Chrysene	AREA SVOC-1	9	B09	0.28J	mg/kg	no			0.28
Chrysene	AREA SVOC-1	9	B16	0.46	mg/kg	no			0.46
Chrysene	AREA SVOC-1	9	B17	0.25J	mg/kg	no			0.25
Chrysene	AREA SVOC-1	9	B24	ND	mg/kg	no	0.26		0.13
Chrysene	AREA SVOC-1	9	B25	0.41	mg/kg	no			0.41
Chrysene	AREA SVOC-1	9	B26	0.83	mg/kg	no			0.83
Chrysene	AREA SVOC-1	9	B27	2.3	mg/kg	no			2.3
Chrysene	AREA SVOC-1	9	B32	0.3	mg/kg	no			0.3
Chrysene	AREA SVOC-1	9	B33	0.6	mg/kg	no			0.6
Chrysene	AREA SVOC-1	9	B34	0.57	mg/kg	no			0.57
Chrysene	AREA SVOC-1	9	B35	1.2	mg/kg	no			1.2
Chrysene	AREA SVOC-1	9	B39	ND	mg/kg	no	1.4		0.7
Chrysene	AREA SVOC-1	9	B40	ND	mg/kg	no	0.27		0.135
Chrysene	AREA SVOC-1	9	B41	0.41	mg/kg	no			0.41
Chrysene	AREA SVOC-1	9	B42	0.98	mg/kg	no			0.98
Chrysene	AREA SVOC-1	9	B43	0.13J	mg/kg	no			0.13
Chrysene	AREA SVOC-1	9	B44	2.4	mg/kg	no			2.4
Chrysene	AREA SVOC-1	9	B67	1.2	mg/kg	no			1.2
Chrysene	AREA SVOC-1	9	B68	0.18J	mg/kg	no			0.18
Chrysene	AREA SVOC-1	9	B69	0.97	mg/kg	no			0.97
Chrysene	AREA SVOC-1	9	B70	ND	mg/kg	no			
Chrysene	AREA SVOC-1	9	B71	5.0	mg/kg	no			5
Chrysene	AREA SVOC-1	9	B72	1.7	mg/kg	no			1.7
Chrysene	AREA SVOC-1	9	B75	0.3	mg/kg	no			0.3
Chrysene	AREA SVOC-1	9	B76	0.52	mg/kg	no			0.52
Chrysene	AREA SVOC-1	9	B77	ND	mg/kg	no	0.28		0.14
Chrysene	AREA SVOC-1	9	B78	ND	mg/kg	no			
Chrysene	AREA SVOC-1	9	B79	ND	mg/kg	no			
Chrysene	AREA SVOC-1	9	B80	ND	mg/kg	no			
Chrysene	AREA SVOC-1	9	B83	ND	mg/kg	no	0.26		0.13
Chrysene	AREA SVOC-1	9	B84	21E	mg/kg	yes			21
Chrysene	AREA SVOC-1	9	B85	0.12J	mg/kg	no			0.12
Chrysene	AREA SVOC-1	9	B86	ND	mg/kg	no			

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M-5 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Area	RDCSCC	Boring ID	Result	Units	Exceeds Criteria	MDL	Dilution Factor	Result Used for Average
Chrysene	AREA SVOC-1	9	B87	ND	mg/kg	no			
Chrysene	AREA SVOC-1	9	B92	9.7	mg/kg	yes			9.7
Chrysene	AREA SVOC-1	9	B93	ND	mg/kg	no	0.28		0.14
Chrysene	AREA SVOC-1	9	B94	ND	mg/kg	no	0.26		0.13
Chrysene	AREA SVOC-1	9	B95	ND	mg/kg	no			
Chrysene	AREA SVOC-1	9	B96	ND	mg/kg	no			
Chrysene	AREA SVOC-1	9	B159	ND	mg/kg	no	0.28		0.14
Chrysene	AREA SVOC-1	9	B160	0.34	mg/kg	no			0.34
Chrysene	AREA SVOC-1	9	B161	ND	mg/kg	no			
Chrysene	AREA SVOC-1	9	B162	ND	mg/kg	no			
Chrysene	AREA SVOC-1	9	B163	1.1	mg/kg	no			1.1
Chrysene	AREA SVOC-1	9	B165	ND	mg/kg	no			
Chrysene	AREA SVOC-1	9	B166	0.16J	mg/kg	no			0.16
Chrysene	AREA SVOC-1	9	B167	0.58	mg/kg	no			0.58
Chrysene	AREA SVOC-1	9	B168	ND	mg/kg	no			
Chrysene	AREA SVOC-1	9	B169	ND	mg/kg	no			
Chrysene	AREA SVOC-1	9	B179	ND	mg/kg	no			
Chrysene	AREA SVOC-1	9	B181	ND	mg/kg	no			
Chrysene	AREA SVOC-1	9	B197	ND	mg/kg	no			
Chrysene	AREA SVOC-1	9	B200	0.29	mg/kg	no			0.29
Chrysene	AREA SVOC-1	9	B201	0.67	mg/kg	no			0.67
Chrysene	AREA SVOC-1	9	B202	4.9	mg/kg	no			4.9
Chrysene	AREA SVOC-1	9	B203	0.49	mg/kg	no			0.49
Chrysene	AREA SVOC-1	9	B204	0.24J	mg/kg	no			0.24
Chrysene	AREA SVOC-1	9	B205	ND	mg/kg	no			
Chrysene	AREA SVOC-1	9	B206	ND	mg/kg	no			
Chrysene	AREA SVOC-1	9	B207	ND	mg/kg	no			
Chrysene	AREA SVOC-1	9	B209	ND	mg/kg	no			
Chrysene	AREA SVOC-1	9	B210	0.24J	mg/kg	no			0.24
Chrysene	AREA SVOC-1	9	B211	ND	mg/kg	no			
Chrysene	AREA SVOC-1	9	B212	0.36J	mg/kg	no			0.36
Chrysene	AREA SVOC-1	9	B213	0.46J	mg/kg	no			0.46
Chrysene	AREA SVOC-1	9	B216	0.28J	mg/kg	no			0.28
Chrysene	AREA SVOC-1	9	B217	ND	mg/kg	no			
Chrysene	AREA SVOC-1	9	B218	2.5	mg/kg	no			2.5
Chrysene	AREA SVOC-1	9	B219	0.28J	mg/kg	no			0.28
Chrysene	AREA SVOC-1	9	B220	25D	mg/kg	yes			25
Chrysene	AREA SVOC-1	9	B223	1.5	mg/kg	no			1.5
Chrysene	AREA SVOC-1	9	B226	0.61J	mg/kg	no			0.61
Chrysene	AREA SVOC-1	9	B227	ND	mg/kg	no	1.2		0.6

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Table 4-5
Compliance Averaging Results
M-5 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Area	RDCSCC	Boring ID	Result	Units	Exceeds Criteria	MDL	Dilution Factor	Result Used for Average
						Compliance Average Result:			**1.812**
Indeno(1,2,3-cd)pyrene									
	AREA SVOC-1								
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B07	0.58	mg/kg	no			0.58
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B08	ND	mg/kg	no	0.26		0.13
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B09	0.39	mg/kg	no			0.39
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B16	0.2J	mg/kg	no			0.2
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B17	ND	mg/kg	no	0.23		0.115
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B24	ND	mg/kg	no	0.21		0.105
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B25	0.19J	mg/kg	no			0.19
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B26	0.58	mg/kg	no			0.58
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B27	1.2	mg/kg	yes			1.2
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B32	0.12J	mg/kg	no			0.12
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B33	0.26	mg/kg	no			0.26
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B34	0.3	mg/kg	no			0.3
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B35	0.49	mg/kg	no			0.49
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B39	ND	mg/kg	no	1.1		0.55
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B40	ND	mg/kg	no	0.22		0.11
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B41	0.13J	mg/kg	no			0.13
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B42	0.58	mg/kg	no			0.58
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B43	ND	mg/kg	no	0.26		0.13
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B44	1.3	mg/kg	yes			1.3
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B67	0.43	mg/kg	no			0.43
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B68	ND	mg/kg	no			
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B69	0.47	mg/kg	no			0.47
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B70	ND	mg/kg	no	0.2		0.1
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B71	1.9	mg/kg	yes			1.9
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B72	0.76	mg/kg	no			0.76
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B75	ND	mg/kg	no	0.2		0.1
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B76	0.16J	mg/kg	no			0.16
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B77	ND	mg/kg	no	0.24		0.12
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B78	ND	mg/kg	no	0.22		0.11
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B79	ND	mg/kg	no	0.24		0.12
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B80	ND	mg/kg	no	0.22		0.11
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B83	ND	mg/kg	no	0.2		0.1
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B84	4.9	mg/kg	yes			4.9
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B85	ND	mg/kg	no	0.2		0.1
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B86	ND	mg/kg	no	0.22		0.11

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Table 4-5
Compliance Averaging Results
M-5 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Area	RDCSCC	Boring ID	Result	Units	Exceeds Criteria	MDL	Dilution Factor	Result Used for Average
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B87	ND	mg/kg	no			
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B92	3	mg/kg	yes			3
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B93	ND	mg/kg	no	0.22		0.11
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B94	ND	mg/kg	no	0.22		0.11
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B95	ND	mg/kg	no			
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B96	ND	mg/kg	no			
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B159	ND	mg/kg	no	0.24		0.12
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B160	ND	mg/kg	no	0.22		0.11
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B161	ND	mg/kg	no			
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B162	ND	mg/kg	no			
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B163	0.29	mg/kg	no			0.29
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B165	ND	mg/kg	no			
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B166	0.12J	mg/kg	no			0.12
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B167	0.12J	mg/kg	no			0.12
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B168	ND	mg/kg	no			
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B169	ND	mg/kg	no			
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B179	ND	mg/kg	no			
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B181	ND	mg/kg	no			
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B197	ND	mg/kg	no			
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B200	ND	mg/kg	no			
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B201	ND	mg/kg	no	0.24		0.12
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B202	2.1	mg/kg	yes			2.1
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B203	0.15J	mg/kg	no			0.15
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B204	ND	mg/kg	no			
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B205	ND	mg/kg	no			
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B206	ND	mg/kg	no			
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B207	ND	mg/kg	no	0.24		0.12
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B209	0.19J	mg/kg	no			0.19
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B210	ND	mg/kg	no			
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B211	ND	mg/kg	no			
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B212	0.12J	mg/kg	no			0.12
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B213	0.14J	mg/kg	no			0.14
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B216	ND	mg/kg	no			
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B217	ND	mg/kg	no			
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B218	0.55J	mg/kg	no			0.55
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B219	ND	mg/kg	no	1.1		0.55
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B220	2	mg/kg	yes			2
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B223	0.55J	mg/kg	no			0.55
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B226	0.2J	mg/kg	no			0.2
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B227	ND	mg/kg	no	1.2		0.6

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For samples with dilution factors greater than 1, "ND" results were not used (Dilution factors shown only for these cases).

Table 4-5
Compliance Averaging Results
M-5 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Area	RDCSCC	Boring ID	Result	Units	Exceeds Criteria	MDL	Dilution Factor	Result Used for Average
								Compliance Average Result:	**0.517**

Notes:
RDCSCC = Residential Direct Contact Cleanup Criteria pre N.J.A.C. 7:26D.
VOCs = Volatile Organic Compounds; SVOCs = Semi-Volatile Organic Compounds.
Pest/PCBs = Pesticides/Polychlorinated-Biphenyls; ND = Not Detected.
MDL = Method Detction Limit (shown only for "ND" Results); 0.5*MDL used for calculating average.
For samples with dilution factors greater than 1, "ND" results were not used (Dilution factors shown only for these cases).

Table 4-5
Compliance Averaging Results
M-5 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Area	RDCSCC	Boring ID	Result	Units	Exceeds Criteria	MDL	Dilution Factor	Result Used for Average
Pest/PCBs									
4,4'-DDD									
	AREA PESTPCB-1								
4,4'-DDD	AREA PESTPCB-1	3	B201	ND	mg/kg	no			
4,4'-DDD	AREA PESTPCB-1	3	B207	ND	mg/kg	no			
4,4'-DDD	AREA PESTPCB-1	3	B212	ND	mg/kg	no			
4,4'-DDD	AREA PESTPCB-1	3	B213	0.814	mg/kg	no			0.814
4,4'-DDD	AREA PESTPCB-1	3	B220	0.021	mg/kg	no			0.021
4,4'-DDD	AREA PESTPCB-1	3	B221	2.225	mg/kg	no			2.225
4,4'-DDD	AREA PESTPCB-1	3	B227	0.276	mg/kg	no			0.276
4,4'-DDD	AREA PESTPCB-1	3	B228	0.419	mg/kg	no			0.419
4,4'-DDD	AREA PESTPCB-1	3	B233	0.068	mg/kg	no			0.068
4,4'-DDD	AREA PESTPCB-1	3	B234	0.143	mg/kg	no			0.143
4,4'-DDD	AREA PESTPCB-1	3	B235	0.209	mg/kg	no			0.209
4,4'-DDD	AREA PESTPCB-1	3	B239	0.779	mg/kg	no			0.779
4,4'-DDD	AREA PESTPCB-1	3	B240	0.287	mg/kg	no			0.287
4,4'-DDD	AREA PESTPCB-1	3	B241	0.077	mg/kg	no			0.077
4,4'-DDD	AREA PESTPCB-1	3	B242	0.056	mg/kg	no			0.056
4,4'-DDD	AREA PESTPCB-1	3	B244	0.178	mg/kg	no			0.178
4,4'-DDD	AREA PESTPCB-1	3	B245	0.08	mg/kg	no			0.08
4,4'-DDD	AREA PESTPCB-1	3	B246	0.171	mg/kg	no			0.171
4,4'-DDD	AREA PESTPCB-1	3	B247	0.145	mg/kg	no			0.145
4,4'-DDD	AREA PESTPCB-1	3	B248	0.045	mg/kg	no			0.045
4,4'-DDD	AREA PESTPCB-1	3	B249	0.378	mg/kg	no			0.378
4,4'-DDD	AREA PESTPCB-1	3	B250	0.729	mg/kg	no			0.729
4,4'-DDD	AREA PESTPCB-1	3	B251	0.046	mg/kg	no			0.046
4,4'-DDD	AREA PESTPCB-1	3	B252	0.041	mg/kg	no			0.041
4,4'-DDD	AREA PESTPCB-1	3	B253	0.043	mg/kg	no			0.043
4,4'-DDD	AREA PESTPCB-1	3	B254	3.787	mg/kg	yes			3.787
						Compliance Average Result:			**0.479**
4,4'-DDE									
	AREA PESTPCB-1								
4,4'-DDE	AREA PESTPCB-1	2	B201	0.047	mg/kg	no			0.047
4,4'-DDE	AREA PESTPCB-1	2	B207	ND	mg/kg	no			
4,4'-DDE	AREA PESTPCB-1	2	B212	ND	mg/kg	no			
4,4'-DDE	AREA PESTPCB-1	2	B213	0.473	mg/kg	no			0.473

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Pest/PCBs = Pesticides/Polychlorinated-Biphenyls; ND = Not Detected.
MDL = Method Detction Limit (shown only for "ND" Results); 0.5*MDL used for calculating average.
For samples with dilution factors greater than 1, "ND" results were not used (Dilution factors shown only for these cases).

Table 4-5
Compliance Averaging Results
M-5 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Area	RDCSCC	Boring ID	Result	Units	Exceeds Criteria	MDL	Dilution Factor	Result Used for Average
4,4'-DDE	AREA PESTPCB-1	2	B220	0.104	mg/kg	no			0.104
4,4'-DDE	AREA PESTPCB-1	2	B221	0.433	mg/kg	no			0.433
4,4'-DDE	AREA PESTPCB-1	2	B227	0.241	mg/kg	no			0.241
4,4'-DDE	AREA PESTPCB-1	2	B228	0.262	mg/kg	no			0.262
4,4'-DDE	AREA PESTPCB-1	2	B233	0.104	mg/kg	no			0.104
4,4'-DDE	AREA PESTPCB-1	2	B234	0.08	mg/kg	no			0.08
4,4'-DDE	AREA PESTPCB-1	2	B235	0.204	mg/kg	no			0.204
4,4'-DDE	AREA PESTPCB-1	2	B239	0.592	mg/kg	no			0.592
4,4'-DDE	AREA PESTPCB-1	2	B240	0.445	mg/kg	no			0.445
4,4'-DDE	AREA PESTPCB-1	2	B241	0.195	mg/kg	no			0.195
4,4'-DDE	AREA PESTPCB-1	2	B242	0.036	mg/kg	no			0.036
4,4'-DDE	AREA PESTPCB-1	2	B244	1.003	mg/kg	no			1.003
4,4'-DDE	AREA PESTPCB-1	2	B245	0.164	mg/kg	no			0.164
4,4'-DDE	AREA PESTPCB-1	2	B246	0.33	mg/kg	no			0.33
4,4'-DDE	AREA PESTPCB-1	2	B247	0.408	mg/kg	no			0.408
4,4'-DDE	AREA PESTPCB-1	2	B248	0.083	mg/kg	no			0.083
4,4'-DDE	AREA PESTPCB-1	2	B249	0.903	mg/kg	no			0.903
4,4'-DDE	AREA PESTPCB-1	2	B250	3.33	mg/kg	yes			3.33
4,4'-DDE	AREA PESTPCB-1	2	B251	0.742	mg/kg	no			0.742
4,4'-DDE	AREA PESTPCB-1	2	B252	1.104	mg/kg	no			1.104
4,4'-DDE	AREA PESTPCB-1	2	B253	0.23	mg/kg	no			0.23
4,4'-DDE	AREA PESTPCB-1	2	B254	4.185	mg/kg	yes			4.185
						Compliance Average Result:			**0.654**

Arochlor 1254

AREA PESTPCB-1

Arochlor 1254	AREA PESTPCB-1	0.49	B201	1.499	mg/kg	yes			1.499
Arochlor 1254	AREA PESTPCB-1	0.49	B207	0.165	mg/kg	no			0.165
Arochlor 1254	AREA PESTPCB-1	0.49	B212	ND	mg/kg	no			
Arochlor 1254	AREA PESTPCB-1	0.49	B213	ND	mg/kg	no			
Arochlor 1254	AREA PESTPCB-1	0.49	B220	ND	mg/kg	no			
Arochlor 1254	AREA PESTPCB-1	0.49	B221	ND	mg/kg	no			
Arochlor 1254	AREA PESTPCB-1	0.49	B227	ND	mg/kg	no			
Arochlor 1254	AREA PESTPCB-1	0.49	B228	ND	mg/kg	no			
Arochlor 1254	AREA PESTPCB-1	0.49	B233	ND	mg/kg	no			
Arochlor 1254	AREA PESTPCB-1	0.49	B234	ND	mg/kg	no			
Arochlor 1254	AREA PESTPCB-1	0.49	B235	ND	mg/kg	no			
Arochlor 1254	AREA PESTPCB-1	0.49	B239	ND	mg/kg	no			
Arochlor 1254	AREA PESTPCB-1	0.49	B240	ND	mg/kg	no			

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MDL = Method Detction Limit (shown only for "ND" Results); 0.5*MDL used for calculating average.
For samples with dilution factors greater than 1, "ND" results were not used (Dilution factors shown only for these cases).

Table 4-5
Compliance Averaging Results
M-5 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Area	RDCSCC	Boring ID	Result	Units	Exceeds Criteria	MDL	Dilution Factor	Result Used for Average
Arochlor 1254	AREA PESTPCB-1	0.49	B241	ND	mg/kg	no			
Arochlor 1254	AREA PESTPCB-1	0.49	B242	ND	mg/kg	no			
Arochlor 1254	AREA PESTPCB-1	0.49	B244	ND	mg/kg	no			
Arochlor 1254	AREA PESTPCB-1	0.49	B245	ND	mg/kg	no			
Arochlor 1254	AREA PESTPCB-1	0.49	B246	ND	mg/kg	no			
Arochlor 1254	AREA PESTPCB-1	0.49	B247	ND	mg/kg	no			
Arochlor 1254	AREA PESTPCB-1	0.49	B248	ND	mg/kg	no			
Arochlor 1254	AREA PESTPCB-1	0.49	B249	ND	mg/kg	no			
Arochlor 1254	AREA PESTPCB-1	0.49	B250	ND	mg/kg	no			
Arochlor 1254	AREA PESTPCB-1	0.49	B251	ND	mg/kg	no			
Arochlor 1254	AREA PESTPCB-1	0.49	B252	ND	mg/kg	no			
Arochlor 1254	AREA PESTPCB-1	0.49	B253	ND	mg/kg	no			
Arochlor 1254	AREA PESTPCB-1	0.49	B254	ND	mg/kg	no			
						Compliance Average Result:			**0.832**
Dieldrin									
	AREA PESTPCB-1								
Dieldrin	AREA PESTPCB-1	0.042	B201	ND	mg/kg	no			
Dieldrin	AREA PESTPCB-1	0.042	B207	ND	mg/kg	no			
Dieldrin	AREA PESTPCB-1	0.042	B212	ND	mg/kg	no			
Dieldrin	AREA PESTPCB-1	0.042	B213	ND	mg/kg	no			
Dieldrin	AREA PESTPCB-1	0.042	B220	ND	mg/kg	no			
Dieldrin	AREA PESTPCB-1	0.042	B221	ND	mg/kg	no			
Dieldrin	AREA PESTPCB-1	0.042	B227	ND	mg/kg	no			
Dieldrin	AREA PESTPCB-1	0.042	B228	ND	mg/kg	no			
Dieldrin	AREA PESTPCB-1	0.042	B233	ND	mg/kg	no			
Dieldrin	AREA PESTPCB-1	0.042	B234	ND	mg/kg	no			
Dieldrin	AREA PESTPCB-1	0.042	B235	ND	mg/kg	no			
Dieldrin	AREA PESTPCB-1	0.042	B239	0.049	mg/kg	yes			0.049
Dieldrin	AREA PESTPCB-1	0.042	B240	ND	mg/kg	no			
Dieldrin	AREA PESTPCB-1	0.042	B241	ND	mg/kg	no			
Dieldrin	AREA PESTPCB-1	0.042	B242	ND	mg/kg	no			
Dieldrin	AREA PESTPCB-1	0.042	B244	ND	mg/kg	no			
Dieldrin	AREA PESTPCB-1	0.042	B245	ND	mg/kg	no			
Dieldrin	AREA PESTPCB-1	0.042	B246	ND	mg/kg	no			
Dieldrin	AREA PESTPCB-1	0.042	B247	ND	mg/kg	no			
Dieldrin	AREA PESTPCB-1	0.042	B248	ND	mg/kg	no			
Dieldrin	AREA PESTPCB-1	0.042	B249	ND	mg/kg	no			
Dieldrin	AREA PESTPCB-1	0.042	B250	ND	mg/kg	no			

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For samples with dilution factors greater than 1, "ND" results were not used (Dilution factors shown only for these cases).

Table 4-5
Compliance Averaging Results
M-5 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Area	RDCSCC	Boring ID	Result	Units	Exceeds Criteria	MDL	Dilution Factor	Result Used for Average
Dieldrin	AREA PESTPCB-1	0.042	B251	ND	mg/kg	no			
Dieldrin	AREA PESTPCB-1	0.042	B252	ND	mg/kg	no			
Dieldrin	AREA PESTPCB-1	0.042	B253	ND	mg/kg	no			
Dieldrin	AREA PESTPCB-1	0.042	B254	ND	mg/kg	no			
						Compliance Average Result:			**0.049**

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MDL = Method Detction Limit (shown only for "ND" Results); 0.5*MDL used for calculating average.
For samples with dilution factors greater than 1, "ND" results were not used (Dilution factors shown only for these cases).

Table 4-5
Compliance Averaging Results
M-5 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Area	RDCSCC	Boring ID	Result	Units	Exceeds Criteria	MDL	Dilution Factor	Result Used for Average
Metals									
Mercury									
	AREA METALS-1								
Mercury	AREA METALS-1	14	B03	0.949	mg/kg	no			0.949
Mercury	AREA METALS-1	14	B04	ND	mg/kg	no	0.011		0.0055
Mercury	AREA METALS-1	14	B05	0.228	mg/kg	no			0.228
Mercury	AREA METALS-1	14	B06	ND	mg/kg	no	0.011		0.0055
Mercury	AREA METALS-1	14	B07	0.687	mg/kg	no			0.687
Mercury	AREA METALS-1	14	B08	1.257	mg/kg	no			1.257
Mercury	AREA METALS-1	14	B09	0.236	mg/kg	no			0.236
Mercury	AREA METALS-1	14	B13	0.467	mg/kg	no			0.467
Mercury	AREA METALS-1	14	B15	0.012	mg/kg	no			0.012
Mercury	AREA METALS-1	14	B16	0.437	mg/kg	no			0.437
Mercury	AREA METALS-1	14	B17	0.062	mg/kg	no			0.062
Mercury	AREA METALS-1	14	B18	0.133	mg/kg	no			0.133
Mercury	AREA METALS-1	14	B23	ND	mg/kg	no	0.012		0.006
Mercury	AREA METALS-1	14	B24	ND	mg/kg	no	0.011		0.0055
Mercury	AREA METALS-1	14	B25	0.201	mg/kg	no			0.201
Mercury	AREA METALS-1	14	B26	0.485	mg/kg	no			0.485
Mercury	AREA METALS-1	14	B27	0.512	mg/kg	no			0.512
Mercury	AREA METALS-1	14	B32	0.025	mg/kg	no			0.025
Mercury	AREA METALS-1	14	B33	0.979	mg/kg	no			0.979
Mercury	AREA METALS-1	14	B34	0.662	mg/kg	no			0.662
Mercury	AREA METALS-1	14	B35	1.562	mg/kg	no			1.562
Mercury	AREA METALS-1	14	B40	0.013	mg/kg	no			0.013
Mercury	AREA METALS-1	14	B41	0.891	mg/kg	no			0.891
Mercury	AREA METALS-1	14	B42	0.754	mg/kg	no			0.754
Mercury	AREA METALS-1	14	B43	0.085	mg/kg	no			0.085
Mercury	AREA METALS-1	14	B44	0.164	mg/kg	no			0.164
Mercury	AREA METALS-1	14	B45	10.194	mg/kg	no			10.194
Mercury	AREA METALS-1	14	B46	5.04	mg/kg	no			5.04
Mercury	AREA METALS-1	14	B47	0.039	mg/kg	no			0.039
Mercury	AREA METALS-1	14	B48	0.51	mg/kg	no			0.51
Mercury	AREA METALS-1	14	B49	5.141	mg/kg	no			5.141
Mercury	AREA METALS-1	14	B50	0.074	mg/kg	no			0.074
Mercury	AREA METALS-1	14	B51	0.225	mg/kg	no			0.225
Mercury	AREA METALS-1	14	B55	0.213	mg/kg	no			0.213
Mercury	AREA METALS-1	14	B56	0.9	mg/kg	no			0.9

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MDL = Method Detction Limit (shown only for "ND" Results); 0.5*MDL used for calculating average.
For samples with dilution factors greater than 1, "ND" results were not used (Dilution factors shown only for these cases).

Table 4-5
Compliance Averaging Results
M-5 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Area	RDCSCC	Boring ID	Result	Units	Exceeds Criteria	MDL	Dilution Factor	Result Used for Average
Mercury	AREA METALS-1	14	B57	0.459	mg/kg	no			0.459
Mercury	AREA METALS-1	14	B58	0.039	mg/kg	no			0.039
Mercury	AREA METALS-1	14	B59	17.584	mg/kg	yes			17.584
Mercury	AREA METALS-1	14	B60	0.671	mg/kg	no			0.671
Mercury	AREA METALS-1	14	B61	0.058	mg/kg	no			0.058
Mercury	AREA METALS-1	14	B62	0.161	mg/kg	no			0.161
Mercury	AREA METALS-1	14	B63	0.115	mg/kg	no			0.115
Mercury	AREA METALS-1	14	B69	ND	mg/kg	no			
Mercury	AREA METALS-1	14	B70	ND	mg/kg	no			
Mercury	AREA METALS-1	14	B71	0.079	mg/kg	no			0.079
Mercury	AREA METALS-1	14	B72	0.115	mg/kg	no			0.115
Mercury	AREA METALS-1	14	B77	0.029	mg/kg	no			0.029
Mercury	AREA METALS-1	14	B78	ND	mg/kg	no			
Mercury	AREA METALS-1	14	B79	ND	mg/kg	no			
Mercury	AREA METALS-1	14	B80	ND	mg/kg	no			
Mercury	AREA METALS-1	14	B86	ND	mg/kg	no			
Mercury	AREA METALS-1	14	B87	0.034	mg/kg	no			0.034
Mercury	AREA METALS-1	14	B88	0.044	mg/kg	no			0.044
Mercury	AREA METALS-1	14	B97	0.099	mg/kg	no			0.099
Mercury	AREA METALS-1	14	B98	0.34	mg/kg	no			0.34
Mercury	AREA METALS-1	14	B99	4.465	mg/kg	no			4.465
Mercury	AREA METALS-1	14	B197	0.063	mg/kg	no			0.063
Mercury	AREA METALS-1	14	B198	0.029	mg/kg	no			0.029
Mercury	AREA METALS-1	14	B199	0.153	mg/kg	no			0.153
Mercury	AREA METALS-1	14	B243	0.255	mg/kg	no			0.255
						Compliance Average Result:			**1.073**

Nickel

AREA METALS-2

Nickel	AREA METALS-2	250	B235	4.77	mg/kg	no			4.77
Nickel	AREA METALS-2	250	B236	6.44	mg/kg	no			6.44
Nickel	AREA METALS-2	250	B241	5	mg/kg	no			5
Nickel	AREA METALS-2	250	B242	431	mg/kg	yes			431
Nickel	AREA METALS-2	250	B243	8.64	mg/kg	no			8.64
Nickel	AREA METALS-2	250	B247	4.52	mg/kg	no			4.52
Nickel	AREA METALS-2	250	B248	6.14	mg/kg	no			6.14
						Compliance Average Result:			**66.644**

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MDL = Method Detction Limit (shown only for "ND" Results); 0.5*MDL used for calculating average.
For samples with dilution factors greater than 1, "ND" results were not used (Dilution factors shown only for these cases).

Table 4-6
Compliance Analysis Results Summary
M-5 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Average Area	RDCSCC	Units	Compliance Averaging Performed	Compliance Average Result	Compliance Analysis Result
VOCs						
Tetrachloroethene	AREA VOC-1	4	mg/kg	Yes	3.247	Compliance average below RDCSCC. No Further Action is warranted.

Notes:
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VOCs = Volatile Organic Compounds; SVOCs = Semi-Volatile Organic Compounds.
Pest/PCBs = Pesticides/Polychlorinated-Biphenyls.
DER = Declaration of Environmental Restriction.

Table 4-6
Compliance Analysis Results Summary
M-5 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Average Area	RDCSCC	Units	Compliance Averaging Performed	Compliance Average Result	Compliance Analysis Result
SVOCs						
Benzo(a)anthracene	AREA SVOC-1	0.9	mg/kg	No		Given the scattered distribution of exceedances,site conditions, and limited public access to the site, No Further Action is warranted. The DPW will incorporate a document equivalent to a DER into the Fort Monmouth Master Plan.
Benzo(a)pyrene	AREA SVOC-1	0.66	mg/kg	No		Given the scattered distribution of exceedances,site conditions, and limited public access to the site, No Further Action is warranted. The DPW will incorporate a document equivalent to a DER into the Fort Monmouth Master Plan.
Benzo(b)fluoranthene	AREA SVOC-1	0.9	mg/kg	Yes	0.885	Compliance average below RDCSCC. No Further Action is warranted.
Benzo(k)fluoranthene	AREA SVOC-1	0.9	mg/kg	Yes	0.664	Compliance average below RDCSCC. No Further Action is warranted.
Chrysene	AREA SVOC-1	9	mg/kg	Yes	1.812	Compliance average below RDCSCC. No Further Action is warranted.
Dibenz(a,h)anthracene	AREA SVOC-1	0.66	mg/kg	No		Given the scattered distribution of exceedances,site conditions, and limited public access to the site, No Further Action is warranted. The DPW will incorporate a document equivalent to a DER into the Fort Monmouth Master Plan.
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	mg/kg	Yes	0.517	Compliance average below RDCSCC. No Further Action is warranted.

Notes:
RDCSCC = Residential Direct Contact Cleanup Criteria pre N.J.A.C. 7:26D.
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Pest/PCBs = Pesticides/Polychlorinated-Biphenyls.
DER = Declaration of Environmental Restriction.

Table 4-6
Compliance Analysis Results Summary
M-5 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Average Area	RDCSCC	Units	Compliance Averaging Performed	Compliance Average Result	Compliance Analysis Result
Pest/PCBs						
4,4'-DDD	AREA PESTPCB-1	3	mg/kg	Yes	0.479	Compliance average below RDCSCC. No Further Action is warranted.
4,4'-DDE	AREA PESTPCB-1	2	mg/kg	Yes	0.654	Compliance average below RDCSCC. No Further Action is warranted.
4,4'-DDT	AREA PESTPCB-1	2	mg/kg	No		Given the scattered distribution of exceedances,site conditions, and limited public access to the site, No Further Action is warranted. The DPW will incorporate a document equivalent to a DER into the Fort Monmouth Master Plan.
Arochlor 1254	AREA PESTPCB-1	0.49	mg/kg	Yes	0.832	Compliance average marginally above RDCSCC (within 1 to 2 mg/kg). No Further Action is warranted.
Dieldrin	AREA PESTPCB-1	0.042	mg/kg	Yes	0.049	Compliance average marginally above RDCSCC (within 1 to 2 mg/kg). No Further Action is warranted.

Notes:
RDCSCC = Residential Direct Contact Cleanup Criteria pre N.J.A.C. 7:26D.
VOCs = Volatile Organic Compounds; SVOCs = Semi-Volatile Organic Compounds.
Pest/PCBs = Pesticides/Polychlorinated-Biphenyls.
DER = Declaration of Environmental Restriction.

Table 4-6
Compliance Analysis Results Summary
M-5 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Average Area	RDCSCC	Units	Compliance Averaging Performed	Compliance Average Result	Compliance Analysis Result
Metals						
Arsenic	AREA METALS-1	20	mg/kg	No		Given the scattered distribution of exceedances,site conditions, and limited public access to the site, No Further Action is warranted. The DPW will incorporate a document equivalent to a DER into the Fort Monmouth Master Plan.
Beryllium	AREA METALS-1	2	mg/kg	No		Given the scattered distribution of exceedances,site conditions, and limited public access to the site, No Further Action is warranted. The DPW will incorporate a document equivalent to a DER into the Fort Monmouth Master Plan.
Copper	AREA METALS-1	600	mg/kg	No		Given the scattered distribution of exceedances,site conditions, and limited public access to the site, No Further Action is warranted. The DPW will incorporate a document equivalent to a DER into the Fort Monmouth Master Plan.
Lead	AREA METALS-1	400	mg/kg	No		Given the scattered distribution of exceedances,site conditions, and limited public access to the site, No Further Action is warranted. The DPW will incorporate a document equivalent to a DER into the Fort Monmouth Master Plan.
Mercury	AREA METALS-1	14	mg/kg	Yes	1.073	Compliance average below RDCSCC. No Further Action is warranted.
Nickel	AREA METALS-2	250	mg/kg	Yes	66.644	Compliance average below RDCSCC. No Further Action is warranted.
Thallium	AREA METALS-1	2	mg/kg	No		Given the scattered distribution of exceedances,site conditions, and limited public access to the site, No Further Action is warranted. The DPW will incorporate a document equivalent to a DER into the Fort Monmouth Master Plan.

Notes:
RDCSCC = Residential Direct Contact Cleanup Criteria pre N.J.A.C. 7:26D.
VOCs = Volatile Organic Compounds; SVOCs = Semi-Volatile Organic Compounds.
Pest/PCBs = Pesticides/Polychlorinated-Biphenyls.
DER = Declaration of Environmental Restriction.

Table 4-6
Compliance Analysis Results Summary
M-5 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Average Area	RDCSCC	Units	Compliance Averaging Performed	Compliance Average Result	Compliance Analysis Result
Zinc	AREA METALS-1	1500	mg/kg	No		Given the scattered distribution of exceedances,site conditions, and limited public access to the site, No Further Action is warranted. The DPW will incorporate a document equivalent to a DER into the Fort Monmouth Master Plan.

Notes:
RDCSCC = Residential Direct Contact Cleanup Criteria pre N.J.A.C. 7:26D.
VOCs = Volatile Organic Compounds; SVOCs = Semi-Volatile Organic Compounds.
Pest/PCBs = Pesticides/Polychlorinated-Biphenyls.
DER = Declaration of Environmental Restriction.

FIGURES

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Geologic Map of New Jersey

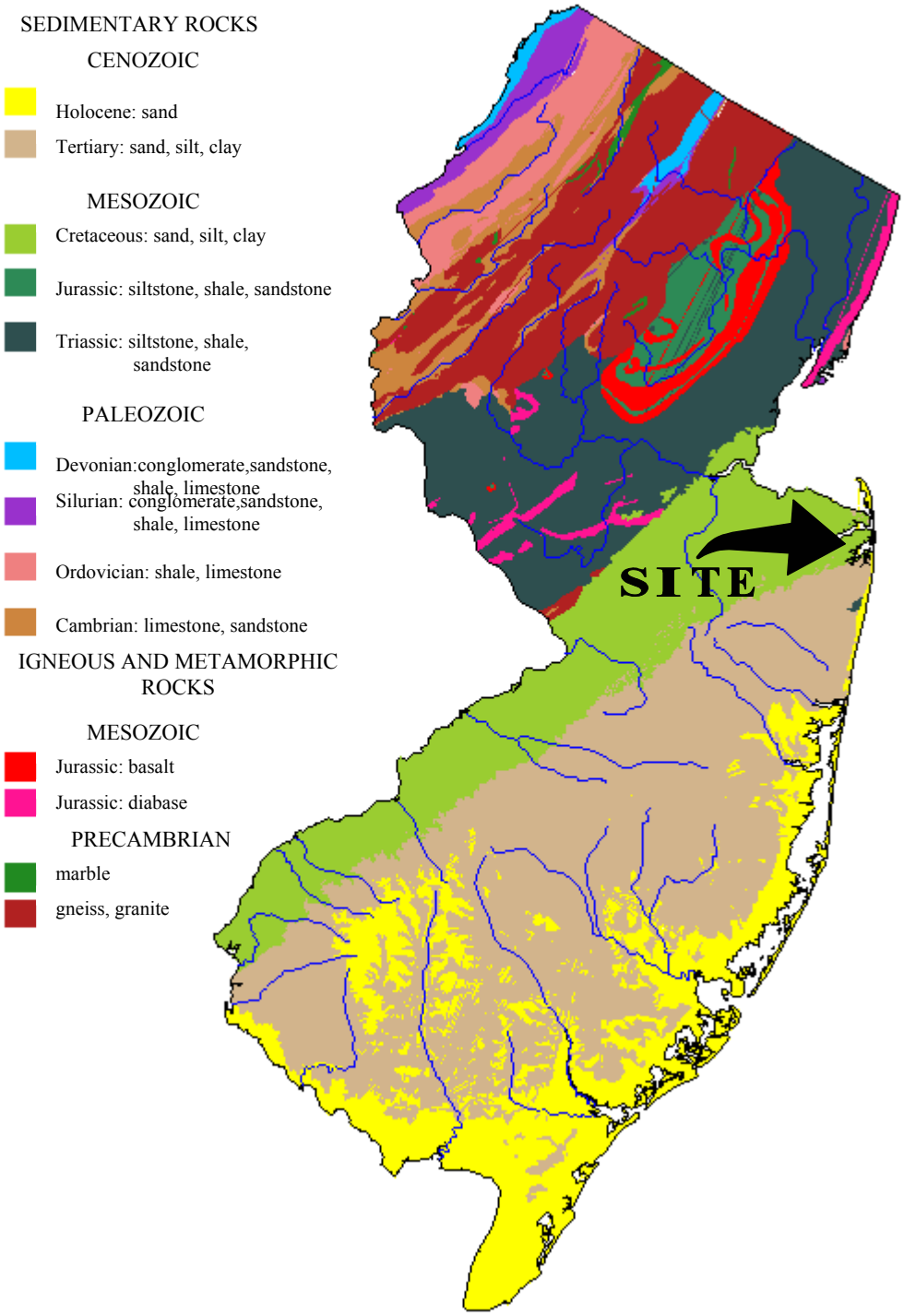
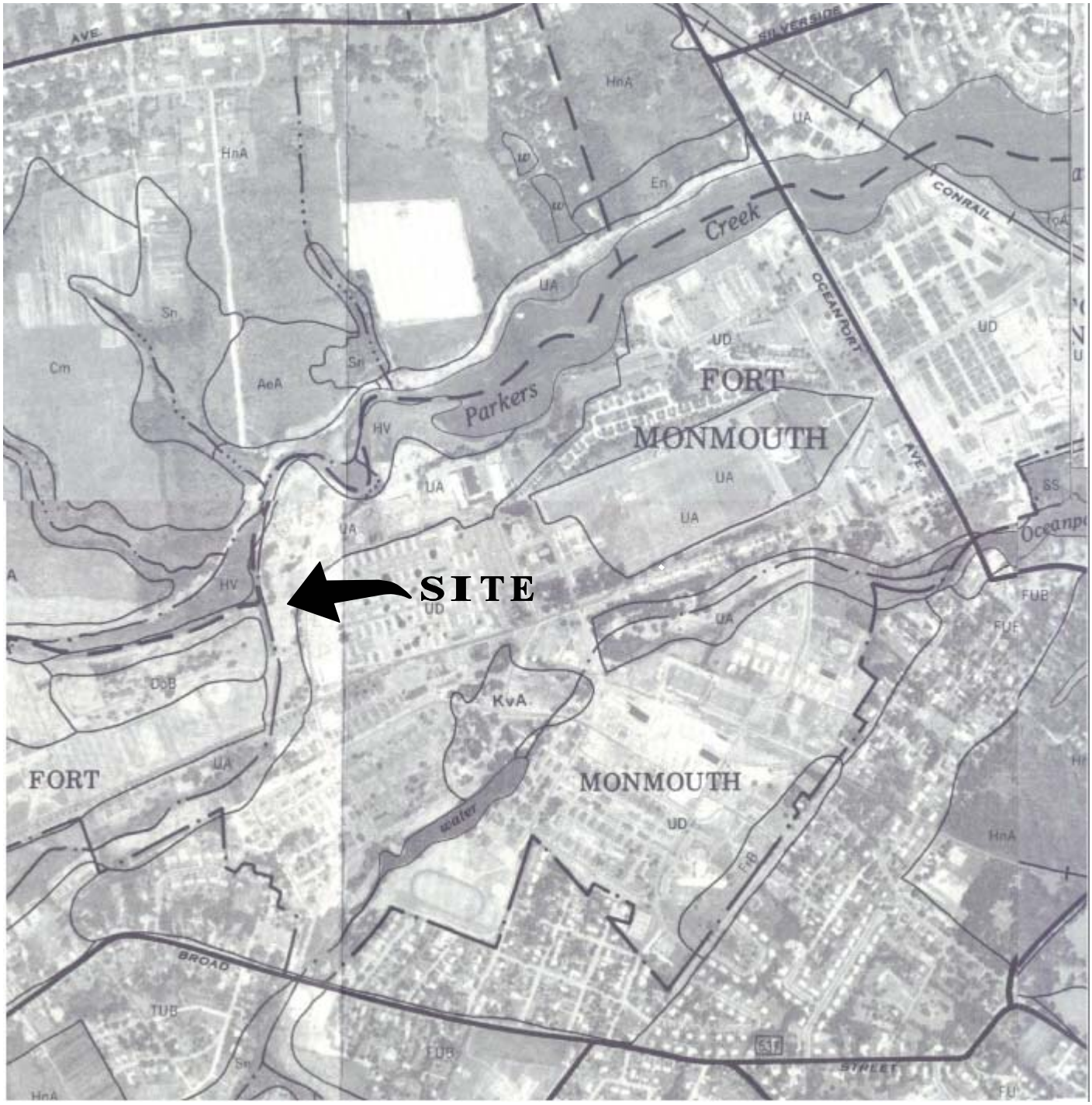


Figure 2-2
Geologic Map of New Jersey
M-5 Landfill Site
Fort Monmouth, New Jersey

Versar INC.
201 Gibraltar Road, Suite 100
Horsham, PA 19044
(215) 957-0955

Source: New Jersey Gelolgic Survey, 1994, *Geologic Map of New Jersey*.



US Department of Agriculture
Soil Conservation Service
Soil Survey of Monmouth County, NJ
April 1989

Figure 2-3
Soil Map of Monmouth County
M-5 Landfill Site
Fort Monmouth, New Jersey

Versar INC.
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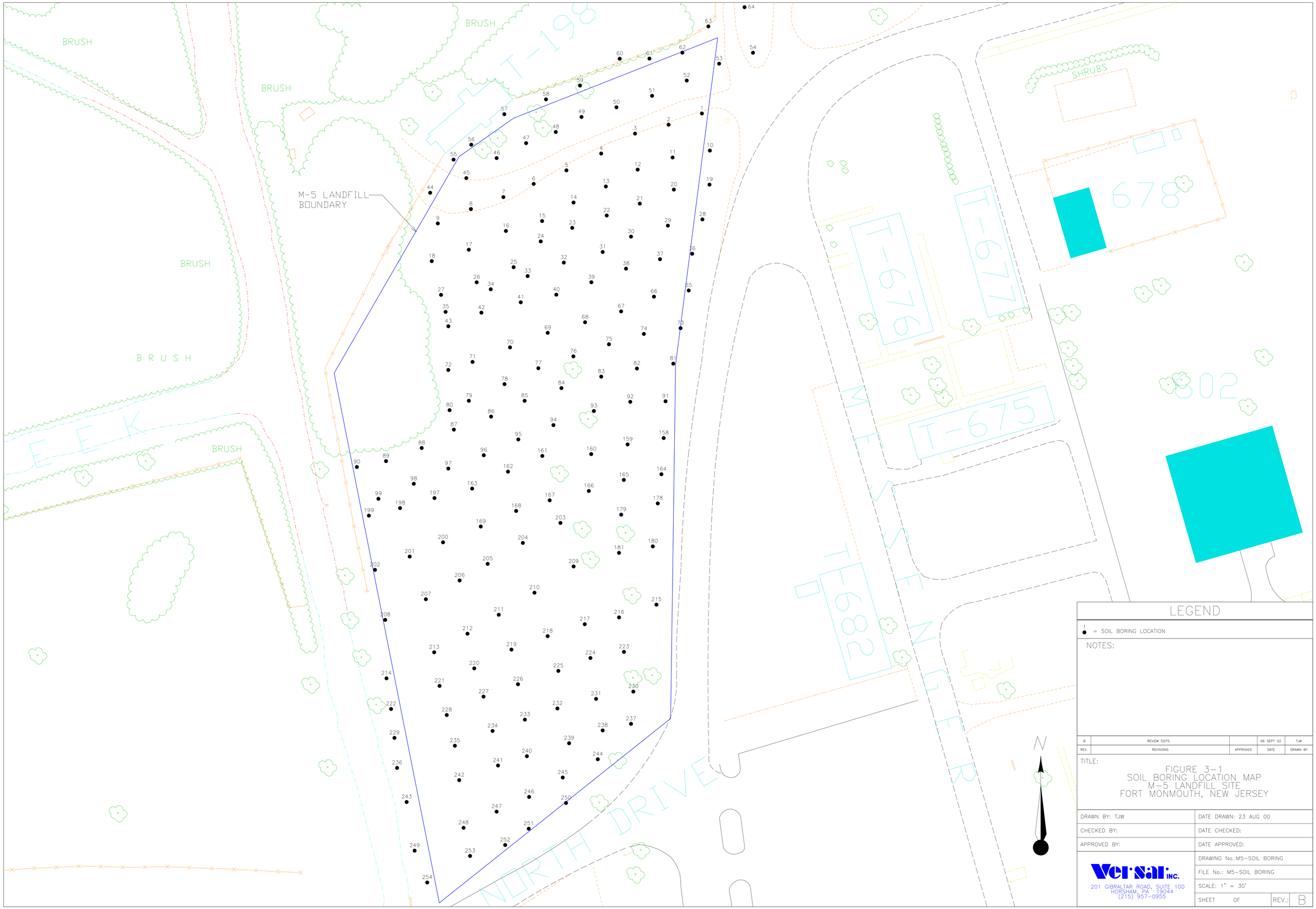
Horsham, PA 19044
(215) 957-0955



LEGEND

1 ● = SOIL BORING LOCATION

NOTES:

REV.	REVISIONS	APPROVED	DATE	DRAWN BY
B	REVIEW EDITS		06 SEPT 02	TJW

TITLE:

FIGURE 3-1
SOIL BORING LOCATION MAP
M-5 LANDFILL SITE
FORT MONMOUTH, NEW JERSEY

DRAWN BY: TJW	DATE DRAWN: 23 AUG 00
CHECKED BY:	DATE CHECKED:
APPROVED BY:	DATE APPROVED:
Ver·Sal INC. 201 GIBRALTAR ROAD, SUITE 100 HORSHAM, PA 19044 (215) 957-0955	DRAWING No.:M5-SOIL BORING
	FILE No.: M5-SOIL BORING
	SCALE: 1" = 30'
	SHEET OF REV.: B

LEGEND

VOLATILES	NJDEP RESIDENTIAL DIRECT CONTACT SOIL CLEANUP CRITERIA
TETRACHLOROETHENE	4 (mg/kg)

NOTES:

1.) SAMPLING DEPTH IS 24" FOR ALL SOIL BORINGS.
2.) [ ] = EXCEEDS NJDEP RESIDENTIAL DIRECT CONTACT SOIL CLEANUP CRITERIA
3.) THIS MAP PRESENTS DATA FOR THOSE ANALYTES THAT EXCEEDED THE RDCSCC IN AT LEAST ONE SOIL BORING.
4.) NLE = NO LIMIT ESTABLISHED
5.) ND = NOT DETECTED

REV.	REVISIONS	APPROVED	DATE	DRAWN BY
B	REVIEW EDITS		09 SEPT 02	TJW

TITLE:

FIGURE 4-1
VOLATILES CONTAMINANT MAP
M-5 LANDFILL SITE
FORT MONMOUTH, NEW JERSEY

DRAWN BY: TJW	DATE DRAWN: 23 AUG 00
CHECKED BY: TJK	DATE CHECKED:
APPROVED BY:	DATE APPROVED:
	DRAWING No.: M5-VOLATILES
	FILE No.: M5-VOLATILES
	SCALE: 1" = 40'
	SHEET OF REV.: B

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201 GIBRALTAR ROAD, SUITE 100
HORSHAM, PA 19044
(215) 957-0955

LEGEND

SEMI-VOLATILES	NJDEP RESIDENTIAL DIRECT CONTACT SOIL CLEANUP CRITERIA
BENZO[A]ANTHRACENE	0.9 (mg/kg)
BENZO[A]PYRENE	0.66 (mg/kg)
BENZO[B]FLUORANTHENE	0.9 (mg/kg)
BENZO[K]FLUORANTHENE	0.9 (mg/kg)
CHRYSENE	9 (mg/kg)
DIBENZA[A,H]ANTHRACENE	0.66 (mg/kg)
INDENO[1,2,3-CD]PYRENE	0.9 (mg/kg)

NOTES:

1.) SAMPLING DEPTH IS 12" FOR ALL SOIL BORINGS.
2.) ▭ = EXCEEDS NJDEP RESIDENTIAL DIRECT CONTACT SOIL CLEANUP CRITERIA
3.) THIS MAP PRESENTS DATA FOR THOSE ANALYTES THAT EXCEEDED THE RDCSCC IN AT LEAST ONE SOIL BORING.
4.) NLE = NO LIMIT ESTABLISHED
5.) ND = NOT DETECTED
6.) J = ESTIMATED RESULT; MASS SPECTROMETER AND RETENTION TIME DATA INDICATE THE PRESENCE OF THE ANALYTE, HOWEVER THE RESULT IS LESS THAN THE METHOD DETECTION LIMIT BUT GREATER THAN ZERO.

REV.	REVISIONS	APPROVED	DATE	DRAWN BY
B	REVIEW EDITS		06 SEPT 02	TJW

TITLE:

FIGURE 4-2
SEMI-VOLATILES CONTAMINANT MAP
M-5 LANDFILL SITE
FORT MONMOUTH, NEW JERSEY

DRAWN BY: TJW	DATE DRAWN: 23 AUG 00
CHECKED BY:	DATE CHECKED:
APPROVED BY:	DATE APPROVED:
	DRAWING No.:M5-SEMI VOLATILES
	FILE No.: M5-SEMI VOLATILES
	SCALE: 1" = 40'
	SHEET OF REV.: B

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201 GIBRALTAR ROAD, SUITE 100
HORSHAM, PA 19044
(215) 957-0955

LEGEND

PESTICIDES/PCB'S	NJDEP RESIDENTIAL DIRECT CONTACT SOIL CLEANUP CRITERIA
4,4'-DDE	2 (mg/kg)
DIELDRIN	0.042 (mg/kg)
4,4'-DDD	3 (mg/kg)
4,4'-DDT	2 (mg/kg)
AROCHLOR 1254	0.49 (mg/kg)

NOTES:

1.) SAMPLING DEPTH IS 12" FOR ALL SOIL BORINGS.
2.) [ ] = EXCEEDS NJDEP RESIDENTIAL DIRECT CONTACT SOIL CLEANUP CRITERIA
3.) THIS MAP PRESENTS DATA FOR THOSE ANALYTES THAT EXCEEDED THE RDCSCC IN AT LEAST ONE SOIL BORING.
4.) NLE = NO LIMIT ESTABLISHED
5.) ND = NOT DETECTED

REV.	REVISIONS	APPROVED	DATE	DRAWN BY
B	REVIEW EDITS		06 SEPT 02	TJW

TITLE:

FIGURE 4-3
PESTICIDES AND PCBs CONTAMINANT MAP
M-5 LANDFILL SITE
FORT MONMOUTH, NEW JERSEY

DRAWN BY: TJW	DATE DRAWN: 23 AUG 00
CHECKED BY:	DATE CHECKED:
APPROVED BY:	DATE APPROVED:
	DRAWING No.: M5-PESTICIDES
	FILE No.: M5-PESTICIDES
	SCALE: 1" = 40'
	SHEET OF REV.: B

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HORSHAM, PA 19044
(215) 957-0955

LEGEND

METALS	NJDEP RESIDENTIAL DIRECT CONTACT SOIL CLEANUP CRITERIA
ARSENIC	20 (mg/kg)
BERYLLIUM	2 (mg/kg)
COPPER	600 (mg/kg)
LEAD	400 (mg/kg)
MERCURY	14 (mg/kg)
NICKEL	250 (mg/kg)
THALLIUM	2 (mg/kg)
ZINC	1500 (mg/kg)

NOTES:

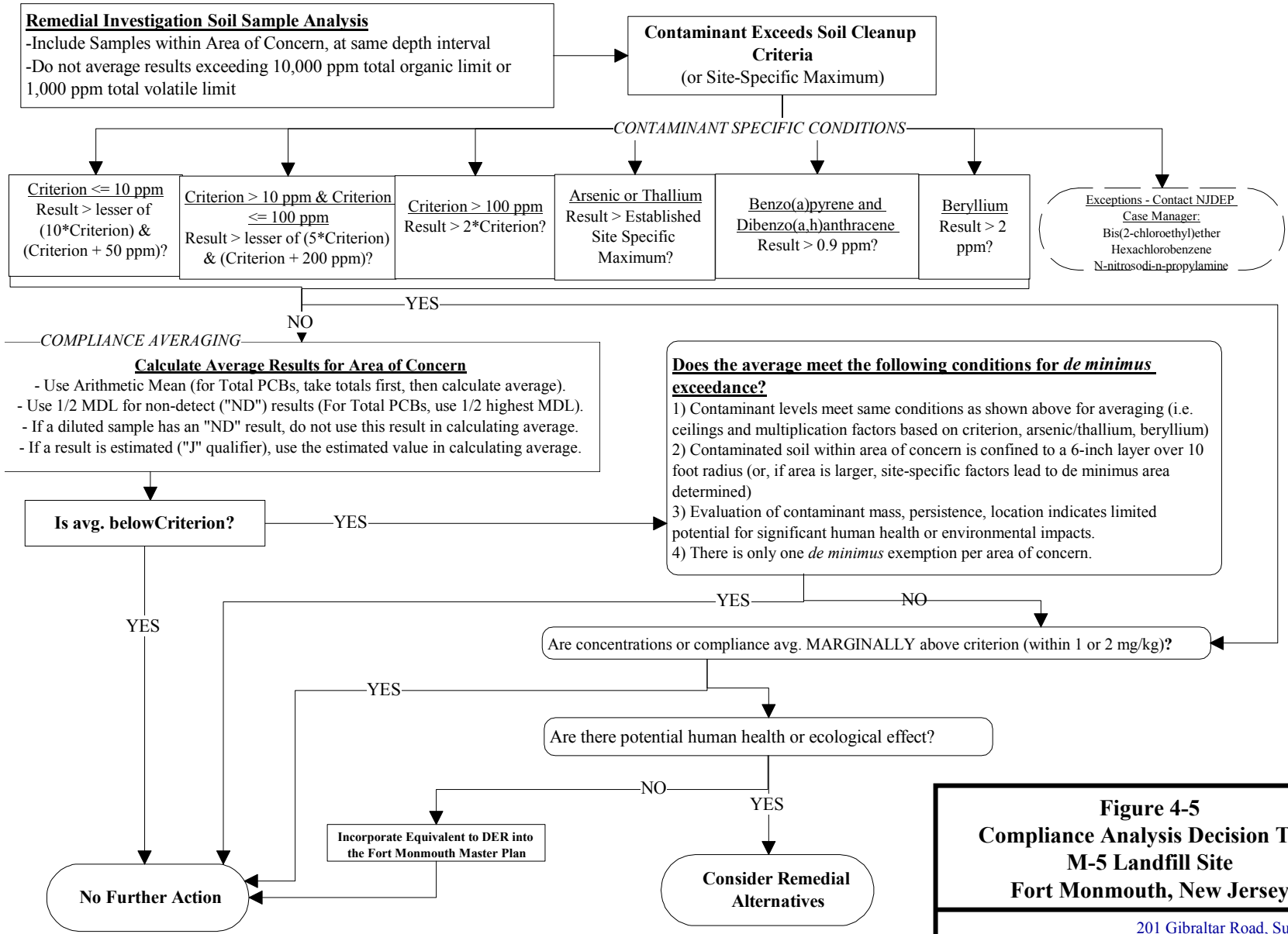
1.) SAMPLING DEPTH IS 12" FOR ALL SOIL BORINGS.
2.) [ ] = EXCEEDS NJDEP RESIDENTIAL DIRECT CONTACT SOIL CLEANUP CRITERIA
3.) THIS MAP PRESENTS DATA FOR THOSE ANALYTES THAT EXCEEDED THER RDCSCC IN AT LEAST ONE SOIL BORING.
4.) NLE = NO LIMIT ESTABLISHED
5.) ND = NOT DETECTED
6.) NO DATA AVALABLE FOR SOIL BORINGS 14, 15 AND 159

REV.	REVISIONS	APPROVED	DATE	DRAWN BY
B	REVIEW EDITS		06 SEPT 02	TJW

TITLE:

FIGURE 4-4
METALS CONTAMINANT MAP
M-5 LANDFILL SITE
FORT MONMOUTH, NEW JERSEY

DRAWN BY: TJW	DATE DRAWN: 06 JUL 00
CHECKED BY:	DATE CHECKED:
APPROVED BY:	DATE APPROVED:
Ver-Sal INC. GIBRALTAR ROAD, SUITE 100 HORSHAM, PA 19044 (215) 957-0955	DRAWING No.: M5-METALS
	FILE No.: M5-METALS
	SCALE: 1" = 40'
	SHEET OF REV.: B



Source: NJDEP *Site Remediation News*, Spring 1995 (Vol 7, No 2) - Article 08

Figure 4-5
Compliance Analysis Decision Tree
M-5 Landfill Site
Fort Monmouth, New Jersey

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APPENDICES

APPENDIX A

DPW Proposal Letter to NJDEP defining RIR for Near Surface Soils at the M-5 Landfill Site, dated July 7, 1998

DEPARTMENT OF THE ARMY
Headquarters, U.S. Army Garrison Fort Monmouth
Fort Monmouth, New Jersey 07703 - 5101

REPLY TO
ATTENTION OF
Directorate of Public Works

July 7, 1998

State of New Jersey
Department of Environmental Protection
Division of Responsible Party Site Remediation
Bureau of Federal Case Management
ATTN: Ian Curtis
CN 028
Trenton, NJ 08625-0028

SUBJECT: Remedial Investigation of Landfill Cover Material

Re: NJDEP Correspondence (Dated April 4, 1996),
Remedial Investigation Report,
Fort Monmouth (Main Post and Charles Wood), NJ

U.S. Army Fort Monmouth
Directorate of Public Works Correspondence (Dated February 24, 1997)
Response to NJDEP Comments, Remedial Investigation Report
Fort Monmouth (Main Post and Charles Wood), NJ

Dear Mr. Curtis:

Based upon our recent discussions regarding ongoing remedial activities at Fort Monmouth, I'm writing this letter to reiterate the Directorate of Public Works (DPW) position regarding the landfill cover material which currently exists at nine former sanitary landfill sites. Eight of the nine landfill sites are located on the Main Post and the remaining site is located in the Charles Wood area. The nine former landfill sites are as follows: M-2, M-3, M-4, M-5, M-8, M-12, M-14, M-18 and CW-3A.

In a letter dated April 4, 1996, under the General Comments Section, Item # 1 - Landfills, you state that all base landfills must comply with NJ Solid Waste Management Act N.J.A.C. 7:26-2A et seq. If Fort Monmouth is able to document that the appropriate solid waste closure procedures were followed, no additional action is required other than the NJDEP approved monitoring. However, if an approved closure was not performed at the landfill, it is recommended that a minimum soil cover of one foot be extended over all areas of documented disposal activities. Also, the approximate boundaries must be established and annotated in the Declaration of Environmental Restriction.

A meeting was held at Fort Monmouth on May 14, 1996 to further discuss various issues of concern as referenced in your April 4, 1996 letter. During the course of the meeting a discussion ensued regarding the existing cover material at each of the closed landfill sites. At said time I stated that the DPW would be unable to document that the nine former landfill sites had been closed in accordance with N.J.A.C. 7:26-2A et seq. It should be noted however that the regulatory statue cited only refers to sanitary landfills operated on or after January 1, 1982. The last sanitary landfill (Site M-8) remaining in operation at Fort Monmouth was closed in October of 1981. Data presented in Table # 1 lists each of the nine landfill sites, approximate acreage and their dates of operation. At the time of closure, each landfill was covered with sufficient soil to properly cap the waste debris which was placed at the site. Cover materials were derived from both onsite and offsite. At present, the thickness of the cover material varies from site to site, but generally is at least one foot in thickness. In accordance with the data presented in Table # 1, the referenced landfills have been closed for a period of between seventeen and forty-two years. During the course of that time, each site has naturally vegetated. The existing vegetation provides both habitat and a food source for a variety of animal species. In addition, the existing vegetation plays a major role in controlling soil erosion. This is particularly important for sites bordering surface water bodies. Each of the former landfill sites are located adjacent to surface water bodies.

At the May 14, 1996 meeting, the DPW proposed to collect surface soil samples from each of the nine landfill sites to document that the existing cover material did not contain contaminant levels above the Residential Direct Contact Soil Cleanup Criteria and/or established background levels. This proposal was offered as an alternative approach to recovering the landfill sites with additional fill materials. Our alternative approach would prevent the destruction of the existing vegetation which in turn would displace numerous animal species and also result in significant soil erosion problems. Based upon your comments at the time of the meeting, you viewed our proposal as a favorable option. In order to move forward with the proposal, you advised us to submit our alternative approach in writing for view and comment. In a letter dated February 24, 1997, this proposal was formally submitted to you. As part of our write up, we specified that soil samples would be collected in accordance with the requirements set forth in N.J.A.C. 7:26E et seq. and the NJDEP Field Sampling Procedures Manual. The DPW would collect a distinct soil sample at thirty foot intervals within the boundaries of the former landfills. The DPW anticipates collecting approximately 1,900 samples not to include trip, field and duplicate samples. Each sample will be analyzed for TCL + 30 parameters and TAL metals.

The DPW has already made a significant investment in terms of buying new equipment and hiring additional laboratory personnel to initiate this project. To date, the DPW has spent $ 775,000.00 to implement the landfill cover study. We anticipate spending an additional $ 475,000.00 in fiscal year 1999 to complete said project. The DPW commenced sampling of the landfill cover material in March of 1998. Our estimated completion date for this project in terms of field sampling activities is April 30, 1999. Currently, the DPW plans on submitting separate Remedial Investigation Reports for each of the nine landfill sites. Numerical data shall be included within each report which accurately measures the thickness of the existing landfill cover material at each sampling location.

The overall purpose of this letter was to restate our position regarding the landfill cover material and to receive written NJDEP endorsement for our alternative approach method. In summary, we feel our approach will identify any potential areas of concern while protecting existing natural resources. Should you have any questions or concerns, the undersigned can be contacted at the following telephone number: (732) 532-6223.

Joseph M. Fallon

Joseph M. Fallon, CHMM
Environmental Protection Specialist
Directorate of Public Works

TABLE # 1

LANDFILL SITE	ACREAGE	ESTIMATED SAMPLES	YEAR OPEN	YEAR CLOSED
M-2	6.5	314.6	1964	1968
M-3	5.9	285.6	1959	1964
M-4	1.4	67.8	1955	1956
M-5	3.2	154.9	1952	1959
M-8	7.2	348.5	1962	1981
M-12	2.1	101.6	1950	1966
M-14	6.9	334	1965	1966
M-18	4.1	198.4	1968	1969
CW-3A	2.6	125.8	1942	1957

APPENDIX B

NJDEP Approval Letter to DPW for RIR for Near Surface Soils at the M-5 Landfill Site, dated August 10, 1998

State of New Jersey

Department of Environmental Protection

Christine Todd Whitman
Governor

Robert C. Shinn, Jr.
Commissioner

Mr. Joseph Fallon
Env. Protection Specialist
Directorate of Public Works
U.S. Army, Fort Monmouth
Fort Monmouth, NJ 07703

AUG 10 1998

Re: Landfill Remedial Investigation Letter
Fort Monmouth Army Base
Fort Monmouth, Monmouth County

Dear Mr. Fallon:

The NJDEP has received your letter of July 7, 1998 regarding the proposed investigation of the eight sanitary landfill sites located on the Main Post and one sanitary landfill located at the Charles Wood area. The NJDEP accepts the letter as submitted and proposed investigation.

Specifically, your letter proposes an investigation of the covers of the subject landfills which is expected to satisfy our concerns noted in our letter of April 4, 1996 and subsequent meeting of May 14, 1996. The information obtained from the investigation should satisfy any remaining questions regarding the landfills and their potential threat to human health and the environment.

In an effort to assure compliance with applicable regulations, I have discussed this case and associated issues with the Sukhdev Bhalla, Chief, Bureau of Landfill Engineering. According to Mr. Bhalla the proposed investigation satisfies New Jersey policy and procedure, as well as the Solid Waste Management Act. (N.J.A.C. 7:26-2A et seq.) requirements.

I look forward to the reviewing the subject report. If I can be of any further assistance, please do not hesitate to contact me at (609) 633-7232.

Sincerely,

Ian R. Curtis, Case Manager
Bureau of Federal Case Management
ICURTIS@DEP.STATE.NJ.US

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APPENDIX C

Roy F. Weston, Inc. Site Investigation Report, December 1995
Section 4.2.5 – Landfill 5 (M-5)

4.2.5 Landfill 5 (M-5)

4.2.5.1 Site Location

Landfill 5 (M-5) is located just north of Landfill 4 in the area bounded by North Drive to the south, an unpaved road south of Building T-198 to the north, Wilson Avenue to the east, and Mill and Parkers Creeks to the west (Figure 4.2-7). The approximate area of site M-5 is 138,200 ft^2 (3.2 acres).

4.2.5.2 Site History

According to the IA, Landfill 5 was in use between 1952 and 1959, and was reportedly used for the disposal of automobiles as well as for domestic and industrial wastes similar to those mentioned in Subsection 4.2.2.2. Like Landfill 4, this landfill was also constructed in a former swamp and is presently flat and grass covered.

As part of an NJPDES permit, surface-water samples have been taken at two locations (one upstream on Mill Creek and one downstream on Lafetra Creek) since February 1986. The results are summarized in the recent report (WESTON, 1993). One VOC (tetrachloroethene) was detected in concentrations above the NJDEP surface-water criteria.

4.2.5.3 Sampling Effort

Two shallow monitor wells (MW-10 and MW-11) were installed (Figure 4.2-7), and two rounds of groundwater sampling were conducted in an effort to further evaluate the presence of VOCs, metals, and inorganics detected from samples collected during a previous investigation. Monitor wells MW-10 and MW-11 were sampled twice for TCL +30 parameters, TAL metals, sulfate, and cyanide.

4.2.5.4 Hydrogeologic Interpretation

Borehole logs from MW-10 and MW-11 indicate that the lithology consists of a thin soil cover (0.5 ft) partially underlain by fill and interbedded sand with silt and clay laminae. The components of the fill materials observed in both borings consist of coal, glass, and plastic fragments found interspersed within a silty sand and clay matrix and overlie a dark-green-brown silty/clayey medium-coarse-grained sand with silt and clay laminae.

Groundwater saturation was encountered at approximately 4 ft bgs at both well locations. The two monitor wells were screened across the water table, with total depths of 15 ft bgs. Water-level elevation data, measured on 6 March 1995, indicate that approximate local groundwater flow is west toward Mill Creek (Figure 4.2-10). Based on groundwater elevation measurements, monitor well MW-10 is downgradient of the area under investigation.

4.2.5.5 Groundwater Sampling Results

Monitor wells at site M-5 were sampled for the analytical parameters listed in Table 3.8-1. The compounds detected in groundwater samples from the individual sampling rounds, with the corresponding sample identifications, are listed in Appendix D. Table 4.2-8 compares the average concentrations of the detected compounds from the February and March sampling rounds with the NJDEP GWQC, and then compares the results to the site-specific and Monmouth County maximum background concentrations, where appropriate. Figure 4.2-11 presents the locations and average concentrations of compounds detected above the NJDEP GWQC and the established maximum background concentrations.

<u>VOCs</u>

Tetrachloroethene (PCE) was the only VOC detected in site groundwater. However, the PCE concentrations exceeded the NJDEP GWQC and background from both sampling rounds in MW-11, the upgradient well (Figure 4.2-11). In addition, tetrachloroethene was detected in

Table 4.2-8
Fort Monmouth - Main Post
Summary of Average Concentration of Detected Compounds in Groundwater - Site M-5

COMPOUND	METHOD DETECTION LIMIT (µg/L)	NJDEP GROUNDWATER QUALITY CRITERIA (µg/L)	MAXIMUM BACKGROUND CONCENTRATION (µg/L)	ANALYTICAL RESULTS (µg/L) SAMPLING DATE	
				MW10 2/17/95, 3/9/95 (avg.)	MW11 2/17/95, 3/9/95 (avg.)
VOC's (µg/L)					
Tetrachloroethene (PCE)[1]	4.0**	1*	ND	ND	**109**
SVOCs (µg/L)					
bis-(2-Ethylhexyl)phthalate	9.7	30*	ND	ND	3.5J
METALS TOTAL (µg/L)					
Aluminum	24	200	121000	155.8	**1052.5**
Barium	1.7	2000	699	116	16.05
Calcium	10.4	NLE	45400	16500	11100
Chromium	2.9	100	191	3.925	12.9
Copper	1.9	1000	730[2]	7.05	2.9
Iron	6.4	300	431000	**9205**	**4685**
Potassium	685	NLE	137000	8850	3305
Magnesium	18.3	NLE	62700	13550	4220
Manganese	1.8	50	480[2]	**146.5**	14.5
Sodium	30.5	50000	197000[2]	**82800**	17950
Lead	1.6	10*	22.7	5.65	2.2
Vanadium	2.1	NLE	108	1.825	5.85
Zinc	3.8	5000	233	7.75	173
OTHER INORGANICS (µg/L)					
Sulfate	5.0	250000	NA	14.8	43.75

[1] - same compound as listed by NJDEP tetrachloroethylene
Compounds exceding NJDEP groundwater quality criteria are noted by bold numbers.
NJDEP groundwater quality criteria consist of the higher number between the PQL or STANDARD
*PQL - Practical Quantitation Limit -was used as the NJDEP groundwater quality criteria
NLE - No Level Established
ND - Indicates that the compound was not detected above quantification limits
J - Indicates that the concentration value was estimated due to detection at or near the quantification limits
NA - Not Analyzed
** - Method detection limit exceeds NJDEP groundwater quality criteria
[2] - Monmouth County maximum background concentration.

exceedance of the established surface-water criteria in a surface-water sample (SS-6) collected downgradient of site M-5 from a previous investigation.

SVOCs

SVOCs were not detected above laboratory quantitation limits in the site monitor wells from either sampling round. The level of bis(2-ethylhexyl) phthalate that could be estimated below the laboratory quantitation limit was well below the NJDEP GWQC.

Pesticides/PCBs

Pesticides/PCBs were not detected in the site monitor wells from either sampling round.

Metals

As indicated in Table 4.2-8, of the 13 metals detected in site groundwater, 4 metals (aluminum, iron, manganese, and sodium) were found in concentrations exceeding the NJDEP GWQC. However, aluminum, iron, and manganese were found in concentrations below those determined for site-specific and Monmouth County maximum background levels. Although sodium was detected in a concentration in MW-10 greater than the level established as site-specific background, the concentration was well below the Monmouth County maximum background level.

Cyanide and Sulfate

Cyanide and sulfate were analyzed in site groundwater samples. Cyanide was not detected in the site monitor wells from either sampling round. Sulfate was detected at low levels in MW-10 and MW-11 from both sampling rounds, well below the NJDEP GWQC.

4.2.5.6 Recommendations

PCE was detected in the upgradient well in concentrations exceeding NJDEP GWQC and background from both sampling rounds. Because the site formerly had an NJPDES permit, surface water has been sampled since 1986. During previous investigations, PCE was also detected at downgradient surface-water sampling location SS-6 (WESTON, 1993). Surface water was not sampled at site M-5 during this investigation because the maximum VOC concentrations at this site during previous rounds of sampling were less than the maximum concentrations at site M-2, which is upgradient. For site M-2, the results of the current round of surface-water sampling for VOCs are less than the maximum results from previous rounds.

Although groundwater sample results exceeded NJDEP criteria for one VOC, immediate remedial action is not required. Groundwater flows toward and discharges into Mill Creek and Lafetra Creek, as indicated by water-level measurements in site monitor wells. Also, there are no known uses of groundwater between the source and the streams. No surface-water sampling was performed at this site during this project. Previous sampling rounds have indicated that some VOC concentrations exceed NJDEP surface-water criteria in Mill Creek adjacent to site M-5. However, previous rounds of sampling have indicated that VOC concentrations do not exceed surface-water criteria at site M-8, which is downgradient of site M-5. Therefore, there is little immediate threat to human health.

In addition, since the landfill has not been used for decades, the concentrations of VOCs seem, at worst, to be stable and possibly decreasing. Presumably, since no material is being added to the source (the landfill), natural degradation will decrease groundwater and surface-water contamination levels in the future.

Since the existing monitor wells and surface-water sampling locations are adequately placed to monitor downgradient groundwater and surface water, DPW proposes that a long-term surface-water and groundwater monitoring program be developed and implemented for the site. Aqueous samples would be collected and analyzed on a quarterly basis to further evaluate water quality conditions at the site. Groundwater samples would be collected from existing monitor wells and

surface-water samples would be collected from points yet to be determined. Compounds of concern identified in the first two rounds of sampling would be targeted for the monitoring program.

APPENDIX D

Soil Boring Samples Laboratory Analytical Data Sheets

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS

PHONE: (732)532-6224 FAX: (732)532-6263

WET-CHEM - METALS - ORGANICS - FIELD SAMPLING

NJDEP LABORATORY CERTIFICATION # 13461

ANALYTICAL DATA REPORT
Fort Monmouth Environmental Laboratory
ENVIRONMENTAL DIVISION
Fort Monmouth, New Jersey
PROJECT: #IJN-98-0211

M-5 LANDFLL

Field Location No. & Location	Laboratory Sample ID#	Matrix	Date and Time Of Collection	Date Received
Trip Blank	3465.01	Methanol	08-Apr-98	04/08/98
M-5 B-1 6-12"	3465.03	Soil	08-Apr-98 11:25	04/08/98
M-5 B-1 24"	3465.04	Soil	08-Apr-98 11:30	04/08/98
M-5 B-2 6-12"	3465.07	Soil	08-Apr-98 13:38	04/08/98
M-5 B-2 24"	3465.08	Soil	08-Apr-98 13:38	04/08/98
M-5 B-3 6-12"	3465.11	Soil	08-Apr-98 15:10	04/08/98
M-5 B-3 24"	3465.12	Soil	08-Apr-98 15:10	04/08/98
Trip Blank	3470.01	Methanol	09-Apr-98	04/09/98
M-5 B-4 6-12"	3470.03	Soil	09-Apr-98 09:15	04/09/98
M-5 B-4 24"	3470.04	Soil	09-Apr-98 09:20	04/09/98
M-5 B-5 6-12"	3470.07	Soil	09-Apr-98 13:20	04/09/98
M-5 B-5 24"	3470.08	Soil	09-Apr-98 13:25	04/09/98
M-5 B-6 6-12"	3470.11	Soil	09-Apr-98 14:10	04/09/98
M-5 B-6 24"	3470.12	Soil	09-Apr-98 14:15	04/09/98
M-5 B-7 6-12"	3470.15	Soil	09-Apr-98 15:25	04/09/98
M-5 B-7 24"	3470.16	Soil	09-Apr-98 15:30	04/09/98
Trip Blank	3472.01	Methanol	10-Apr-98	04/10/98
M-5 B-8 6-12"	3472.03	Soil	10-Apr-98 10:00	04/10/98
M-5 B-8 24"	3472.04	Soil	10-Apr-98 10:05	04/10/98
M-5 B-9 6-12"	3472.07	Soil	10-Apr-98 11:30	04/10/98
M-5 B-9 24"	3472.08	Soil	10-Apr-98 11:40	04/10/98
M-5 B-10 6-12"	3472.11	Soil	10-Apr-98 13:23	04/10/98
M-5 B-10 24"	3472.12	Soil	10-Apr-98 13:30	04/10/98
Trip Blank	3473.01	Methanol	11-Apr-98	04/11/98
M-5 B-11 6-12"	3473.03	Soil	11-Apr-98 09:28	04/11/98
M-5 B-11 24"	3473.04	Soil	11-Apr-98 09:34	04/11/98
M-5 B-12 6-12"	3473.07	Soil	11-Apr-98 10:35	04/11/98
M-5 B-12 24"	3473.08	Soil	11-Apr-98 10:46	04/11/98
M-5 B-13 6-12"	3473.11	Soil	11-Apr-98 11:23	04/11/98
M-5 B-13 24"	3473.12	Soil	11-Apr-98 11:35	04/11/98

M-5 B-14 6-12"	3473.15	Soil	11-Apr-98 12:41	04/11/98
M-5 B-14 24"	3473.16	Soil	11-Apr-98 12:45	04/11/98
M-5 B-15 6-12"	3473.19	Soil	11-Apr-98 13:38	04/11/98
M-5 B-15 24"	3473.20	Soil	11-Apr-98 13:42	04/11/98
Trip Blank	3477.01	Methanol	13-Apr-98	04/13/98
M-5 B-16 6-12"	3477.03	Soil	13-Apr-98 10:35	04/13/98
M-5 B-16 24"	3477.04	Soil	13-Apr-98 10:40	04/13/98
M-5 B-17 6-12"	3477.07	Soil	13-Apr-98 11:20	04/13/98
M-5 B-17 24"	3477.08	Soil	13-Apr-98 11:28	04/13/98
M-5 B-18 6-12"	3477.11	Soil	13-Apr-98 13:34	04/13/98
M-5 B-18 24"	3477.12	Soil	13-Apr-98 13:38	04/13/98
M-5 B-19 6-12"	3477.15	Soil	13-Apr-98 14:40	04/13/98
M-5 B-19 24"	3477.16	Soil	13-Apr-98 14:46	04/13/98
Trip Blank	3479.01	Methanol	14-Apr-98	04/14/98
M-5 B-20 6-12"	3479.03	Soil	14-Apr-98 09:35	04/14/98
M-5 B-20 24"	3479.04	Soil	14-Apr-98 09:56	04/14/98
M-5 B-21 6-12"	3479.07	Soil	14-Apr-98 11:10	04/14/98
M-5 B-21 24"	3479.08	Soil	14-Apr-98 11:20	04/14/98
M-5 B-22 6-12"	3479.11	Soil	14-Apr-98 13:09	04/14/98
M-5 B-22 24"	3479.12	Soil	14-Apr-98 13:18	04/14/98
M-5 Field Dup. 6-12"	3479.15	Soil	14-Apr-98	04/14/98
M-5 Field Dup. 24"	3479.16	Soil	14-Apr-98	04/14/98
Trip Blank	3485.01	Methanol	15-Apr-98	04/15/98
M-5 B-23 6-12"	3485.03	Soil	15-Apr-98 10:35	04/15/98
M-5 B-23 24"	3485.04	Soil	15-Apr-98 10:42	04/15/98
M-5 B-24 6-12"	3485.07	Soil	15-Apr-98 11:28	04/15/98
M-5 B-24 24"	3485.08	Soil	15-Apr-98 11:43	04/15/98
M-5 B-25 6-12"	3485.11	Soil	15-Apr-98 13:20	04/15/98
M-5 B-25 24"	3485.12	Soil	15-Apr-98 13:32	04/15/98
M-5 B-26 6-12"	3485.15	Soil	15-Apr-98 14:30	04/15/98
M-5 B-26 24"	3485.16	Soil	15-Apr-98 14:38	04/15/98
Trip Blank	3498.01	Methanol	20-Apr-98	04/20/98
M-5 B-27 6-12"	3498.03	Soil	20-Apr-98 12:15	04/20/98
M-5 B-27 24"	3498.04	Soil	20-Apr-98 12:25	04/20/98
M-5 B-28 6-12"	3498.07	Soil	20-Apr-98 13:40	04/20/98
M-5 B-28 24"	3498.08	Soil	20-Apr-98 13:55	04/20/98
M-5 B-29 6-12"	3498.11	Soil	20-Apr-98 14:26	04/20/98
M-5 B-29 24"	3498.12	Soil	20-Apr-98 14:35	04/20/98
M-5 B-30 6-12"	3498.15	Soil	20-Apr-98 15:28	04/20/98
M-5 B-30 24"	3498.16	Soil	20-Apr-98 15:38	04/20/98
Trip Blank	3500.01	Methanol	21-Apr-98	04/21/98
M-5 B-31 6-12"	3500.02	Soil	21-Apr-98 09:40	04/21/98
M-5 B-32 24"	3500.03	Soil	21-Apr-98 09:50	04/21/98
M-5 B-32 6-12"	3500.06	Soil	21-Apr-98 10:30	04/21/98
M-5 B-32 24"	3500.07	Soil	21-Apr-98 10:43	04/21/98
M-5 B-33 6-12"	3500.10	Soil	21-Apr-98 11:33	04/21/98
M-5 B-33 24"	3500.11	Soil	21-Apr-98 11:40	04/21/98
M-5 B-34 6-12"	3500.14	Soil	21-Apr-98 13:30	04/21/98
M-5 B-34 24"	3500.15	Soil	21-Apr-98 13:40	04/21/98
M-5 B-35 6-12"	3500.18	Soil	21-Apr-98 14:20	04/21/98
M-5 B-35 24"	3500.19	Soil	21-Apr-98 14:35	04/21/98
Trip Blank	3501.01	Methanol	22-Apr-98	04/22/98
M-5 B-36 6-12"	3501.02	Soil	22-Apr-98 09:32	04/22/98

M-5 B-36 24"	3501.03	Soil	22-Apr-98 09:32 09:45	04/22/98
M-5 B-37 6-12"	3501.06	Soil	22-Apr-98 09:32 10:20	04/22/98
M-5 B-37 24"	3501.07	Soil	22-Apr-98 09:32 10:37	04/22/98
M-5 B-38 6-12"	3501.10	Soil	22-Apr-98 09:32 11:22	04/22/98
M-5 B-38 24"	3501.11	Soil	22-Apr-98 09:32 11:33	04/22/98
M-5 B-39 6-12"	3501.14	Soil	22-Apr-98 09:32 13:17	04/22/98
M-5 B-39 24"	3501.15	Soil	22-Apr-98 09:32 13:20	04/22/98
M-5 B-40 6-12"	3501.18	Soil	22-Apr-98 09:32 14:21	04/22/98
M-5 B-40 24"	3501.19	Soil	22-Apr-98 09:32 14:30	04/22/98
Trip Blank	3539.01	Methanol	01-May-98	05/01/98
M-5 B-41 6-12"	3539.02	Soil	01-May-98 11:25	05/01/98
M-5 B-41 24"	3539.03	Soil	01-May-98 11:30	05/01/98
M-5 B-42 6-12"	3539.06	Soil	01-May-98 13:35	05/01/98
M-5 B-42 24"	3539.07	Soil	01-May-98 13:46	05/01/98
Trip Blank	3543.01	Methanol	01-May-98	05/01/98
M-5 B-43 6-12"	3543.02	Soil	01-May-98 10:40	05/01/98
M-5 B-43 24"	3543.03	Soil	01-May-98 10:45	05/01/98
M-5 B-44 6-12"	3543.06	Soil	01-May-98 13:20	05/01/98
M-5 B-44 24"	3543.07	Soil	01-May-98 13:25	05/01/98
M-5 B-45 6-12"	3543.10	Soil	01-May-98 14:08	05/01/98
M-5 B-45 24"	3543.11	Soil	01-May-98 14:13	05/01/98
M-5 B-46 6-12"	3543.14	Soil	01-May-98 15:20	05/01/98
M-5 B-46 24"	3543.15	Soil	01-May-98 15:30	05/01/98
Field Dup. 6-12"	3543.18	Soil	01-May-98	05/01/98
Field Dup. 24"	3543.19	Soil	01-May-98	05/01/98
Trip Blank	3547.01	Methanol	05-May-98	05/05/98
M-5 B-47 6-12"	3547.02	Soil	05-May-98 10:10	05/05/98
M-5 B-47 24"	3547.03	Soil	05-May-98 10:13	05/05/98
M-5 B-48 6-12"	3547.06	Soil	05-May-98 10:45	05/05/98
M-5 B-48 24"	3547.07	Soil	05-May-98 10:50	05/05/98
M-5 B-49 6-12"	3547.10	Soil	05-May-98 11:45	05/05/98
M-5 B-49 24"	3547.11	Soil	05-May-98 11:50	05/05/98
M-5 B-50 6-12"	3547.14	Soil	05-May-98 13:45	05/05/98
M-5 B-50 24"	3547.15	Soil	05-May-98 13:50	05/05/98
M-5 B-51 6-12"	3547.18	Soil	05-May-98 14:20	05/05/98
M-5 B-51 24"	3547.19	Soil	05-May-98 14:30	05/05/98
Trip Blank	3550.01	Methanol	06-May-98	05/06/98
M-5 B-52 6-12"	3550.03	Soil	06-May-98 10:20	05/06/98
M-5 B-52 24"	3550.04	Soil	06-May-98 10:30	05/06/98
M-5 B-53 6-12"	3550.07	Soil	06-May-98 11:20	05/06/98
M-5 B-53 24"	3550.08	Soil	06-May-98 11:35	05/06/98
M-5 B-54 6-12"	3550.11	Soil	06-May-98 13:20	05/06/98
M-5 B-54 24"	3550.12	Soil	06-May-98 13:25	05/06/98
M-5 B-55 6-12"	3550.15	Soil	06-May-98 15:15	05/06/98
M-5 B-55 24"	3550.16	Soil	06-May-98 15:25	05/06/98
Trip Blank	3561.01	Methanol	11-May-98	05/11/98
M-5 B-56 6-12"	3561.02	Soil	11-May-98 09:45	05/11/98
M-5 B-56 24"	3561.03	Soil	11-May-98 09:50	05/11/98
M-5 B-57 6-12"	3561.06	Soil	11-May-98 10:40	05/11/98
M-5 B-57 24"	3561.07	Soil	11-May-98 10:50	05/11/98
M-5 B-58 6-12"	3561.10	Soil	11-May-98 13:10	05/11/98
M-5 B-58 24"	3561.11	Soil	11-May-98 13:15	05/11/98
M-5 B-59 6-12"	3561.14	Soil	11-May-98 14:10	05/11/98

M-5 B-59 24"	3561.15	Soil	11-May-98 14:20	05/11/98
Trip Blank	3567.01	Methanol	14-May-98	05/14/98
M-5 B-60 6-12"	3567.02	Soil	14-May-98 09:30	05/14/98
M-5 B-60 24"	3567.03	Soil	14-May-98 09:43	05/14/98
M-5 B-61 6-12"	3567.06	Soil	14-May-98 10:38	05/14/98
M-5 B-61 24"	3567.07	Soil	14-May-98 10:45	05/14/98
M-5 B-62 6-12"	3567.10	Soil	14-May-98 11:35	05/14/98
M-5 B-62 24"	3567.11	Soil	14-May-98 11:40	05/14/98
M-5 B-63 6-12"	3567.14	Soil	14-May-98 13:30	05/14/98
M-5 B-63 20"	3567.15	Soil	14-May-98 14:05	05/14/98
M-5 B-63 24"	3567.16	Soil	14-May-98 14:10	05/14/98
M-5 B-64 6-12"	3567.19	Soil	14-May-98 15:05	05/14/98
M-5 B-64 24"	3567.20	Soil	14-May-98 15:10	05/14/98
Field Dup. 6-12"	3567.23	Soil	14-May-98	05/14/98
Field Dup. 24"	3567.24	Soil	14-May-98	05/14/98
Trip Blank	3571.01	Methanol	15-May-98	05/15/98
M-5 B-65 6-12"	3571.02	Soil	15-May-98 10:20	05/15/98
M-5 B-65 24"	3571.03	Soil	15-May-98 10:35	05/15/98
M-5 B-66 6-12"	3571.06	Soil	15-May-98 11:30	05/15/98
M-5 B-66 24"	3571.07	Soil	15-May-98 11:38	05/15/98
M-5 B-67 6-12"	3571.10	Soil	15-May-98 13:40	05/15/98
M-5 B-67 24"	3571.11	Soil	15-May-98 13:50	05/15/98
M-5 B-68 6-12"	3571.13	Soil	15-May-98 14:30	05/15/98
M-5 B-68 24"	3571.14	Soil	15-May-98 14:40	05/15/98
M-5 B-69 6-12"	3571.17	Soil	15-May-98 15:20	05/15/98
M-5 B-69 24"	3571.18	Soil	15-May-98 15:30	05/15/98
Trip Blank	3576.01	Methanol	18-May-98	05/18/98
M-5 B-70 6-12"	3576.02	Soil	18-May-98 10:25	05/18/98
M-5 B-70 24"	3576.03	Soil	18-May-98 10:35	05/18/98
M-5 B-71 6-12"	3576.06	Soil	18-May-98 11:20	05/18/98
M-5 B-71 24"	3576.07	Soil	18-May-98 11:35	05/18/98
M-5 B-72 6-12"	3576.10	Soil	18-May-98 13:40	05/18/98
M-5 B-72 24"	3576.11	Soil	18-May-98 13:55	05/18/98
M-5 B-73 6-12"	3576.14	Soil	18-May-98 15:10	05/18/98
M-5 B-73 24"	3576.15	Soil	18-May-98 15:18	05/18/98
Trip Blank	3580.01	Methanol	19-May-98	05/19/98
M-5 B-74 6-12"	3580.02	Soil	19-May-98 08:45	05/19/98
M-5 B-74 24"	3580.03	Soil	19-May-98 08:50	05/19/98
M-5 B-75 6-12"	3580.05	Soil	19-May-98 09:30	05/19/98
M-5 B-75 24"	3580.06	Soil	19-May-98 09:40	05/19/98
M-5 B-76 6-12"	3580.08	Soil	19-May-98 10:50	05/19/98
M-5 B-76 24"	3580.09	Soil	19-May-98 11:03	05/19/98
M-5 B-77 6-12"	3580.11	Soil	19-May-98 11:40	05/19/98
M-5 B-77 24"	3580.12	Soil	19-May-98 11:50	05/19/98
M-5 B-78 6-12"	3580.14	Soil	19-May-98 13:20	05/19/98
M-5 B-78 24"	3580.15	Soil	19-May-98 13:25	05/19/98
M-5 B-79 6-12"	3580.18	Soil	19-May-98 14:15	05/19/98
M-5 B-79 24"	3580.19	Soil	19-May-98 14:20	05/19/98
M-5 B-80 6-12"	3580.22	Soil	19-May-98 15:40	05/19/98
M-5 B-80 24"	3580.23	Soil	19-May-98 15:45	05/19/98
M-5 B-81 6-12"	3580.26	Soil	19-May-98 17:00	05/19/98
M-5 B-81 24"	3580.27	Soil	19-May-98 17:05	05/19/98
M-5 B-82 6-12"	3580.30	Soil	19-May-98 17:25	05/19/98

M-5 B-82 24"	3580.31	Soil	19-May-98 17:35	05/19/98
M-5 B-83 6-12"	3580.34	Soil	19-May-98 18:30	05/19/98
M-5 B-83 24"	3580.35	Soil	19-May-98 18:45	05/19/98
Field Dup. 6-12"	3580.38	Soil	19-May-98	05/19/98
Field Dup. 24"	3580.39	Soil	19-May-98	05/19/98
Trip Blank	3584.01	Methanol	20-May-98	05/21/98
M-5 B-84 6-12"	3584.02	Soil	20-May-98 09:10	05/21/98
M-5 B-84 24"	3584.03	Soil	20-May-98 09:15	05/21/98
M-5 B-85 6-12"	3584.06	Soil	20-May-98 10:15	05/21/98
M-5 B-85 24"	3584.07	Soil	20-May-98 10:25	05/21/98
M-5 B-86 6-12"	3584.10	Soil	20-May-98 11:35	05/21/98
M-5 B-86 24"	3584.11	Soil	20-May-98 11:45	05/21/98
M-5 B-87 6-12"	3584.14	Soil	20-May-98 13:10	05/21/98
M-5 B-87 24"	3584.15	Soil	20-May-98 13:15	05/21/98
M-5 B-88 6-12"	3584.18	Soil	20-May-98 14:20	05/21/98
M-5 B-88 24"	3584.19	Soil	20-May-98 14:30	05/21/98
M-5 B-89 6-12"	3584.22	Soil	20-May-98 15:25	05/21/98
M-5 B-89 24"	3584.23	Soil	20-May-98 15:30	05/21/98
M-5 B-90 6-12"	3584.26	Soil	20-May-98 16:12	05/21/98
M-5 B-90 24"	3584.27	Soil	20-May-98 16:18	05/21/98
M-5 B-91 6-12"	3584.30	Soil	20-May-98 17:00	05/21/98
M-5 B-91 24"	3584.31	Soil	20-May-98 17:05	05/21/98
M-5 B-92 6-12"	3584.34	Soil	20-May-98 17:30	05/21/98
M-5 B-92 24"	3584.35	Soil	20-May-98 17:40	05/21/98
Trip Blank	3588.01	Methanol	21-May-98	05/22/98
M-5 B-93 6-12"	3588.02	Soil	21-May-98 11:10	05/22/98
M-5 B-93 24"	3588.03	Soil	21-May-98 11:15	05/22/98
M-5 B-94 6-12"	3588.06	Soil	21-May-98 13:10	05/22/98
M-5 B-94 24"	3588.07	Soil	21-May-98 13:15	05/22/98
M-5 B-95 6-12"	3588.10	Soil	21-May-98 14:20	05/22/98
M-5 B-95 24"	3588.11	Soil	21-May-98 14:25	05/22/98
M-5 B-96 6-12"	3588.14	Soil	21-May-98 15:10	05/22/98
M-5 B-96 24"	3588.15	Soil	21-May-98 15:15	05/22/98
M-5 B-97 6-12"	3588.18	Soil	21-May-98 16:00	05/22/98
M-5 B-97 24"	3588.19	Soil	21-May-98 16:10	05/22/98
M-5 B-98 6-12"	3588.22	Soil	21-May-98 16:50	05/22/98
M-5 B-98 24"	3588.23	Soil	21-May-98 17:00	05/22/98
Trip Blank	3593.01	Methanol	26-May-98	05/26/98
M-5 B-99 6-12"	3593.02	Soil	26-May-98 09:20	05/26/98
M-5 B-99 24"	3593.03	Soil	26-May-98 09:30	05/26/98
Trip Blank	3665.01	Methanol	17-Jun-98	06/18/98
M-5 B-158 6-12"	3665.12	Soil	17-Jun-98 15:05	06/18/98
M-5 B-158 24"	3665.13	Soil	17-Jun-98 15:10	06/18/98
M-5 B-159 6-12"	3665.16	Soil	17-Jun-98 16:15	06/18/98
M-5 B-159 24"	3665.17	Soil	17-Jun-98 16:20	06/18/98
M-5 B-160 6-12"	3665.19	Soil	17-Jun-98 17:00	06/18/98
M-5 B-160 24"	3665.20	Soil	17-Jun-98 17:10	06/18/98
M-5 B-161 6-12"	3665.22	Soil	17-Jun-98 17:55	06/18/98
M-5 B-161 24"	3665.23	Soil	17-Jun-98 18:05	06/18/98
Field Dup. 6-12"	3665.25	Soil	17-Jun-98	06/18/98
Field Dup. 24"	3665.26	Soil	17-Jun-98	06/18/98
Trip Blank	3686.01	Methanol	26-Jun-98	06/26/98
M-5 B-162 6-12"	3686.04	Soil	26-Jun-98 11:40	06/26/98

M-5 B-162 17"	3686.05	Soil	26-Jun-98 11:45	06/26/98
M-5 B-163 6-12"	3686.07	Soil	26-Jun-98 13:15	06/26/98
M-5 B-163 19"	3686.08	Soil	26-Jun-98 13:30	06/26/98
M-5 B-164 6-12"	3686.10	Soil	26-Jun-98 14:25	06/26/98
M-5 B-164 24"	3686.11	Soil	26-Jun-98 14:30	06/26/98
Trip Blank	3688.01	Methanol	29-Jun-98	06/29/98
M-5 B-165 6-12"	3688.02	Soil	29-Jun-98 10:35	06/29/98
M-5 B-165 24"	3688.03	Soil	29-Jun-98 10:45	06/29/98
M-5 B-166 6-12"	3688.06	Soil	29-Jun-98 11:27	06/29/98
M-5 B-166 24"	3688.07	Soil	29-Jun-98 11:35	06/29/98
M-5 B-167 6-12"	3688.09	Soil	29-Jun-98 13:10	06/29/98
M-5 B-167 24"	3688.10	Soil	29-Jun-98 13:15	06/29/98
M-5 B-168 6-12"	3688.12	Soil	29-Jun-98 13:35	06/29/98
M-5 B-168 24"	3688.13	Soil	29-Jun-98 13:45	06/29/98
M-5 B-169 6-12"	3688.15	Soil	29-Jun-98 14:40	06/29/98
M-5 B-169 24"	3688.16	Soil	29-Jun-98 14:50	06/29/98
Trip Blank	3722.01	Methanol	13-Jul-98	07/13/98
M-5 B-178 6-12"	3722.12	Soil	13-Jul-98 13:45	07/13/98
M-5 B-178 24"	3722.13	Soil	13-Jul-98 13:50	07/13/98
M-5 B-179 6-12"	3722.15	Soil	13-Jul-98 14:15	07/13/98
M-5 B-179 24"	3722.16	Soil	13-Jul-98 14:25	07/13/98
M-5 B-180 6-12"	3722.18	Soil	13-Jul-98 15:10	07/13/98
M-5 B-180 24"	3722.19	Soil	13-Jul-98 15:15	07/13/98
M-5 B-181 6-12"	3722.21	Soil	13-Jul-98 15:40	07/13/98
M-5 B-181 24"	3722.22	Soil	13-Jul-98 15:45	07/13/98
Field Dup. 6-12"	3722.24	Soil	13-Jul-98	07/13/98
Field Dup. 24"	3722.25	Soil	13-Jul-98	07/13/98
Trip Blank	3805.01	Methanol	12-Aug-98	08/12/98
M-5 B-197 6-12"	3805.02	Soil	12-Aug-98 09:35	08/12/98
M-5 B-197 24"	3805.03	Soil	12-Aug-98 09:40	08/12/98
M-5 B-198 6-12"	3805.04	Soil	12-Aug-98 09:57	08/12/98
M-5 B-198 24"	3805.05	Soil	12-Aug-98 09:55	08/12/98
M-5 B-199 6-12"	3805.06	Soil	12-Aug-98 10:12	08/12/98
M-5 B-199 24"	3805.07	Soil	12-Aug-98 10:15	08/12/98
M-5 B-200 6-12"	3805.08	Soil	12-Aug-98 10:35	08/12/98
M-5 B-200 24"	3805.09	Soil	12-Aug-98 10:40	08/12/98
M-5 B-201 6-12"	3805.10	Soil	12-Aug-98 11:05	08/12/98
M-5 B- 201 24"	3805.11	Soil	12-Aug-98 11:10	08/12/98
M-5 B-202 6-12"	3805.12	Soil	12-Aug-98 11:32	08/12/98
M-5 B-202 24"	3805.13	Soil	12-Aug-98 11:37	08/12/98
M-5 B-203 6-12"	3805.14	Soil	12-Aug-98 12:59	08/12/98
M-5 B-203 24"	3805.15	Soil	12-Aug-98 13:02	08/12/98
M-5 B-204 6-12"	3805.16	Soil	12-Aug-98 13:17	08/12/98
M-5 B-204 24"	3805.17	Soil	12-Aug-98 13:20	08/12/98
M-5 B-205 6-12"	3805.18	Soil	12-Aug-98 13:34	08/12/98
M-5 B-205 24"	3805.19	Soil	12-Aug-98 13:38	08/12/98
M-5 B-206 6-12"	3805.20	Soil	12-Aug-98 13:50	08/12/98
M-5 B- 206 24"	3805.21	Soil	12-Aug-98 13:55	08/12/98
M-5 B-207 6-12"	3805.22	Soil	12-Aug-98 14:29	08/12/98
M-5 B-207 24"	3805.23	Soil	12-Aug-98 14:14	08/12/98
M-5 B-208 6-12"	3805.24	Soil	12-Aug-98 14:29	08/12/98
M-5 B-208 24"	3805.25	Soil	12-Aug-98 14:37	08/12/98
M-5 B-209 6-12"	3805.26	Soil	12-Aug-98 14:53	08/12/98

M-5 B-209 24"	3805.27	Soil	12-Aug-98 15:05	08/12/98
M-5 B-210 6-12"	3805.28	Soil	12-Aug-98 15:14	08/12/98
M-5 B-210 24"	3805.29	Soil	12-Aug-98 15:20	08/12/98
M-5 B-211 6-12"	3805.30	Soil	12-Aug-98 15:30	08/12/98
M-5 B-211 24"	3805.31	Soil	12-Aug-98 15:40	08/12/98
Field Dup. 6-12"	3805.32	Soil	12-Aug-98	08/12/98
Field Dup. 24"	3805.33	Soil	12-Aug-98	08/12/98
Trip Blank	3809.01	Methanol	13-Aug-98	08/13/98
M-5 B-212 6-12"	3809.02	Soil	13-Aug-98 10:44	08/13/98
M-5 B-212 24"	3809.03	Soil	13-Aug-98 10:48	08/13/98
M-5 B-213 6-12"	3809.04	Soil	13-Aug-98 11:08	08/13/98
M-5 B-213 24"	3809.05	Soil	13-Aug-98 11:13	08/13/98
M-5 B-214 6-12"	3809.06	Soil	13-Aug-98 11:25	08/13/98
M-5 B-214 24"	3809.07	Soil	13-Aug-98 11:28	08/13/98
M-5 B-215 6-12"	3809.08	Soil	13-Aug-98 11:50	08/13/98
M-5 B-215 24"	3809.09	Soil	13-Aug-98 11:55	08/13/98
M-5 B-216 6-12"	3809.10	Soil	13-Aug-98 13:06	08/13/98
M-5 B- 216 24"	3809.11	Soil	13-Aug-98 13:10	08/13/98
M-5 B-217 6-12"	3809.12	Soil	13-Aug-98 13:20	08/13/98
M-5 B-217 24"	3809.13	Soil	13-Aug-98 13:25	08/13/98
M-5 B-218 6-12"	3809.14	Soil	13-Aug-98 13:45	08/13/98
M-5 B-218 24"	3809.15	Soil	13-Aug-98 13:50	08/13/98
M-5 B-219 6-12"	3809.16	Soil	13-Aug-98 14:06	08/13/98
M-5 B-219 24"	3809.17	Soil	13-Aug-98 14:10	08/13/98
M-5 B-220 6-12"	3809.18	Soil	13-Aug-98 14:30	08/13/98
M-5 B-220 24"	3809.19	Soil	13-Aug-98 14:40	08/13/98
M-5 B-221 6-12"	3809.20	Soil	13-Aug-98 15:20	08/13/98
M-5 B-221 24"	3809.21	Soil	13-Aug-98 15:25	08/13/98
M-5 B-222 6-12"	3809.22	Soil	13-Aug-98 15:35	08/13/98
M-5 B-222 24"	3809.23	Soil	13-Aug-98 15:45	08/13/98
Field Dup. 6-12"	3809.24	Soil	13-Aug-98	08/13/98
Field Dup. 24"	3809.25	Soil	13-Aug-98	08/13/98
Trip Blank	3812.01	Methanol	14-Aug-98	08/14/98
M-5 B-223 6-12"	3812.02	Soil	14-Aug-98 10:07	08/14/98
M-5 B-223 24"	3812.03	Soil	14-Aug-98 10:10	08/14/98
M-5 B-224 6-12"	3812.04	Soil	14-Aug-98 10:22	08/14/98
M-5 B-224 24"	3812.05	Soil	14-Aug-98 10:26	08/14/98
M-5 B-225 6-12"	3812.06	Soil	14-Aug-98 10:46	08/14/98
M-5 B-225 24"	3812.07	Soil	14-Aug-98 10:50	08/14/98
M-5 B-226 6-12"	3812.08	Soil	14-Aug-98 11:08	08/14/98
M-5 B-226 24"	3812.09	Soil	14-Aug-98 11:10	08/14/98
M-5 B-227 6-12"	3812.10	Soil	14-Aug-98 11:18	08/14/98
M-5 B-227 24"	3812.11	Soil	14-Aug-98 11:22	08/14/98
M-5 B-228 6-12"	3812.12	Soil	14-Aug-98 11:45	08/14/98
M-5 B-228 24"	3812.13	Soil	14-Aug-98 11:50	08/14/98
M-5 B-229 6-12"	3812.14	Soil	14-Aug-98 13:15	08/14/98
M-5 B-229 24"	3812.15	Soil	14-Aug-98 13:20	08/14/98
M-5 B-230 6-12"	3812.16	Soil	14-Aug-98 13:40	08/14/98
M-5 B-230 24"	3812.17	Soil	14-Aug-98 13:45	08/14/98
M-5 B-231 6-12"	3812.18	Soil	14-Aug-98 14:19	08/14/98
M-5 B-231 24"	3812.19	Soil	14-Aug-98 14:24	08/14/98
Trip Blank	3827.01	Methanol	25-Aug-98	08/25/98
M-5 B-232 6-12"	3827.02	Soil	25-Aug-98 13:45	08/25/98

M-5 B-232 24"	3827.03	Soil	25-Aug-98 13:53	08/25/98
M-5 B-233 6-12"	3827.04	Soil	25-Aug-98 14:15	08/25/98
M-5 B-233 24"	3827.05	Soil	25-Aug-98 14:20	08/25/98
M-5 B-234 6-12"	3827.06	Soil	25-Aug-98 14:35	08/25/98
M-5 B-234 24"	3827.07	Soil	25-Aug-98 14:40	08/25/98
M-5 B-235 6-12"	3827.08	Soil	25-Aug-98 15:09	08/25/98
M-5 B-235 24"	3827.09	Soil	25-Aug-98 15:13	08/25/98
M-5 B-236 6-12"	3827.10	Soil	25-Aug-98 15:20	08/25/98
M-5 B-236 24"	3827.11	Soil	25-Aug-98 15:30	08/25/98
Trip Blank	3836.01	Methanol	26-Aug-98	08/27/98
M-5 B-237 6-12"	3836.02	Soil	26-Aug-98 08:50	08/27/98
M-5 B-237 24"	3836.03	Soil	26-Aug-98 08:56	08/27/98
M-5 B-238 6-12"	3836.04	Soil	26-Aug-98 09:17	08/27/98
M-5 B-238 24"	3836.05	Soil	26-Aug-98 09:20	08/27/98
M-5 B-239 6-12"	3836.06	Soil	26-Aug-98 09:42	08/27/98
M-5 B-239 24"	3836.07	Soil	26-Aug-98 09:50	08/27/98
M-5 B-240 6-12"	3836.08	Soil	26-Aug-98 10:12	08/27/98
M-5 B-240 24"	3836.09	Soil	26-Aug-98 10:18	08/27/98
M-5 B-241 6-12"	3836.10	Soil	26-Aug-98 10:40	08/27/98
M-5 B-241 24"	3836.11	Soil	26-Aug-98 10:45	08/27/98
M-5 B-242 6-12"	3836.12	Soil	26-Aug-98 11:08	08/27/98
M-5 B-242 24"	3836.13	Soil	26-Aug-98 11:12	08/27/98
M-5 B-243 6-12"	3836.14	Soil	26-Aug-98 11:32	08/27/98
M-5 B-243 24"	3836.15	Soil	26-Aug-98 11:38	08/27/98
M-5 B-244 6-12"	3836.16	Soil	26-Aug-98 13:15	08/27/98
M-5 B-244 24"	3836.17	Soil	26-Aug-98 13:20	08/27/98
M-5 B-245 6-12"	3836.18	Soil	26-Aug-98 13:37	08/27/98
M-5 B-245 24"	3836.19	Soil	26-Aug-98 13:42	08/27/98
M-5 B-246 6-12"	3836.20	Soil	26-Aug-98 13:55	08/27/98
M-5 B-246 24"	3836.21	Soil	26-Aug-98 13:58	08/27/98
M-5 B-247 6-12"	3836.22	Soil	26-Aug-98 14:10	08/27/98
M-5 B-247 24"	3836.23	Soil	26-Aug-98 14:15	08/27/98
M-5 B-248 6-12"	3836.24	Soil	26-Aug-98 14:30	08/27/98
M-5 B-248 24"	3836.25	Soil	26-Aug-98 14:36	08/27/98
M-5 B-249 6-12"	3836.26	Soil	26-Aug-98 14:48	08/27/98
M-5 B-249 24"	3836.27	Soil	26-Aug-98 14:50	08/27/98
M-5 B-250 6-12"	3836.28	Soil	26-Aug-98 15:08	08/27/98
M-5 B-250 24"	3836.29	Soil	26-Aug-98 15:14	08/27/98
M-5 B-251 6-12"	3836.30	Soil	26-Aug-98 15:27	08/27/98
M-5 B-251 24"	3836.31	Soil	26-Aug-98 15:32	08/27/98
M-5 B-252 6-12"	3836.32	Soil	26-Aug-98 15:45	08/27/98
M-5 B-252 24"	3836.33	Soil	26-Aug-98 15:50	08/27/98
M-5 B-253 6-12"	3836.34	Soil	26-Aug-98 16:08	08/27/98
M-5 B-253 24"	3836.35	Soil	26-Aug-98 16:13	08/27/98
M-5 B-254 6-12"	3836.36	Soil	26-Aug-98 16:20	08/27/98
M-5 B-254 24"	3836.37	Soil	26-Aug-98 16:25	08/27/98
Field Dup. 6-12"	3836.38	Soil	26-Aug-98	08/27/98
Field Dup. 24"	3836.39	Soil	26-Aug-98	08/27/98

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS

PHONE: (732)532-6224 FAX: (732)532-6263

WET-CHEM - METALS - ORGANICS - FIELD SAMPLING

NJDEP LABORATORY CERTIFICATION # 13461

ENCLOSURE:
CHAIN OF CUSTODY
RESULTS

2-25-99

Daniel Wright/Date
Laboratory Director

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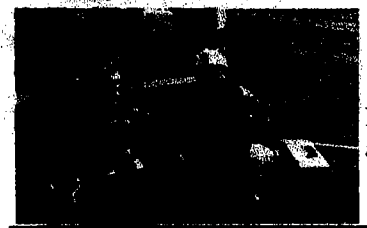
CHAIN OF CUSTODY



Fort Monmouth Environmental Testing Laboratory

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NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:

Project No: IJN 98-0211
Location: M-5 LANDFILL

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments: CORE SAMPLES
#1 HNU-CAL. w/ TRACE HYDRO @ 58 PPM
#2 OVA-CAL. w/ METHANE @ 98 PPM
(H2O @ MW-11 @ 39") O.K.

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	TAL Metals	PEST PCB ABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
3465. ①	TRIP BLANK	4-8-98			2	X				VO 0159		HCL
②	FIELD BLANK			AQ	2	X						HCL *
③	M-5-B-1-6-12"		1125	SOIL	2		X	X	X		0	PPM
④	" - 24"		1130	SOIL	2	X			X	VO 0160	0	PPM
⑤	" - 36"		1130	SOIL	1	X				VO 0161	0	PPM (H2O @ 39")
⑥	" - 4-7'		1148	AQ	2	X					0	PPM (FID) - HCL
⑦	M-5-B-2 - 6-12"		1338	SOIL	2		X	X	X		0	PPM
⑧	" - 24"		1338	SOIL	2	X			X	VO 0162	0	PPM
⑨	" - 36"		1343	SOIL	1	X				VO 0163	0	PPM
⑩	" - 4-7'		1405	AQ	2	X					0	PPM - HCL
⑪	M-5-B-3 - 6-12"		1510	SOIL	2		X	X	X		0	PPM
⑫	" - 24"		1510	SOIL	2	X			X	VO 0164	0	PPM
⑬	" - 36"		1525	SOIL	1	X				VO 0165	.01	PPM
⑭	" - 4-7'		1525	AQ	2	X						

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
[signature]	4-8-98 1540	J. Vergara			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: ( )Full, ( )Reduced, (X)Standard, ( )Screen / non-certified
Turnaround time: (X)Standard 4 wks; ( )Rush ____ Days, ( )ASAP Verbal ____ Hrs.

Remarks: * BLANK TAKEN FROM G.W. SAMPLER AFTER CLEANING w/ ALCONOX + D.I. WATER

000003

print legibly

Custodydera3/2/98

Fort Monmouth Environmental Testing Laboratory

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NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:

Project No: IJN 98-0211
Location: M-5- LANDFILL

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments:
#2 OVA - CAL. 98 PPM
#1 HNU - CAL - 58 PPM
BACKGROUND = 1 PPM

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals TAL	PEST PCB PAB N	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
3470 (1)	TRIP BLANK	4-9-98			1	X				VO 0166		
(2)	FIELD BLANK		0847	AQ	2	X						
(3)	M-5- B-4-(6-12")		0915	SOIL	2		X	X	X		0	PPM
(4)	" - 24"		0920	"	2	X			X	VO0167	3	PPM
(5)	" - 40"		0920	"	2	X			X	VO0168	4	PPM
(6)	" - 4-7'		0927	AQ	2	X					1	PPM (OVA)
(7)	M-5-B-5-(6-12")		1320	SOIL	2		X	X	X		3.84	PPM
(8)	" (24")		1325	"	2	X			X	VO0169	5	PPM
(9)	" (40")		1325	"	2	X			X	VO0170	7	PPM
(10)	" (4-7')		1333	AQ	2	X	X	X	X		2	PPM (OVA)
(11)	M-5-B-6-(6-12")		1410	SOIL	2	X	X	X	X		3	PPM
(12)	" - (24")		1415	"	2	X			X	VO0171	3	PPM
(13)	" (40")		1415	"	2	X			X	VO0172	5	PPM
(14)	" (4-7')		1435	AQ	2	X					2	PPM OVA

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[signature]	4-9-98 1605	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: ( )Full, ( )Reduced, (X)Standard, ( )Screen / non-certified
Turnaround time: (X)Standard 4 wks, ( )Rush ___ Days, ( )ASAP Verbal ___ Hrs.

Remarks: H2O @ well # MW-11 @ 39"
COOL - RAINY - (FIELD BLANK TAKEN FROM G.W. SAMPLER)

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Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-3484 EMail:appleby@doim6.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-5- LANDFILL

Samplers Name / Company: MARK LAURA / TVS PWS-007

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals TAL	PEST PCB	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
3470 (15)	M-5- B- 7- (6-12')	4-9-98	1525	soil	2		X	X	X		2	PPM
(16)	" - (24")		1530		2	X			X	VO 0173	1	PPM
(17)	" - (40")		1530		2	X			X	VO 0174	1	PPM
(18)	" - (4-7')		1545		2	X					2	PPM

Comments:

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
[signature]	4-9-98 1605	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____ Hrs.

Remarks:

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Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-5- LANDFILL

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments: CAL. HNU @ 68 PPM
FIELD BLANK TAKEN FROM G.W SAMPLER

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals	PESTB	PCBN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
3472. (1)	TRIP BLANK	4-10-98			1	X					VO 0175		
(2)	FIELD BLANK		0930	AQ	2	X							
(3)	M-5-B-8-(6-12")		1000	SOIL	2		X	X	X			2	PPM
(4)	" " -(24")		1005	"	2	X			X		VO0176	4	PPM
(5)	" " -(36")		1005	"	2	X			X		VO0177	10	PPM
(6)	" " -(4-7')		1045	AQ	2	X						2	PPM-OVA
(7)	M-5-B-9-(6-12")		1130	SOIL	2		X	X	X			3	PPM
(8)	" " -(24")		1140	"	2	X			X		VO0179	3	PPM
(9)	" " -(36")		1140	"	2	X			X		VO0180	4	PPM
(10)	" " -(4-7')		1155	AQ	2	X						1	PPM-OVA
(11)	M-5-B-10-(6-12")		1323	SOIL	2		X	X	X			0	PPM
(12)	" " -(24")		1330	"	2	X			X		VO 0181	0	PPM
(13)	" " -(36")		1330	"	2	X			X		VO0182	0	PPM
(14)	" " -(4-7')		1341	AQ	3	X						0	OVA

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[signature]	4-10-98 1402	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks:

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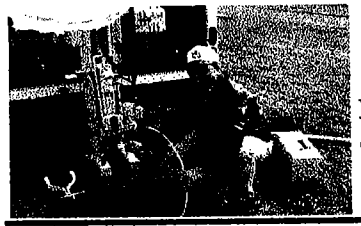

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NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-5 - LANDFILL

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments: VOA PRES - HCL OTHERS - <40C
HNU CAL - 58 PPM W/TRACE HYRO.

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	TAL Metals	PEST PCB ABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
3473. (1)	TRIP BLANK	4-11-98			1	X				VO 0183		
(2)	FIELD BLANK		0900	AQ	2	X						
(3)	M-5-B-11 (6-12")		0928	SOIL	2		X	X	X		0	PPM
(4)	" (24")		0934	"	2	X			X	VO0184	0	PPM
(5)	" (40")		0934	"	2	X			X	VO 0185	0	PPM
(6)	" (4-7')		0937	AQ	2	X					0	PPM
(7)	M-5-B-12 (6-12")		1035	SOIL	2		X	X	X		0	PPM
(8)	" (24")		1046	"	2	X			X	VO 0186	1.04	PPM
(9)	" (40")		1046	"	2	X			X	VO 0187	3	PPM
(10)	" (4-7')		1055	AQ	2	X					0	PPM
(11)	M-5-B-13 (6-12")		1123	SOIL	2		X	X	X			
(12)	" (24")		1135	"	2	X			X	VO 0188		
(13)	" (40")		1135	"	2	X			X	VO 0189		
(14)	" (4-7')		1143	AQ	2	X						

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[signature]	4/11/98 1441	J. Vergara			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks: H2O @ 46" B.G.S.

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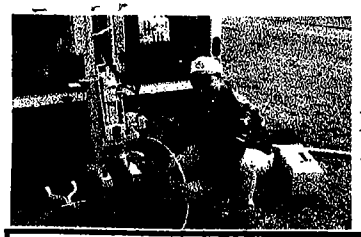

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Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-5- LANDFILL

Comments: see pg. 1

Samplers Name / Company : MARK LAURA / TVS PWS-007

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals	PESTPCB ABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
3473 (15)	M-5-B-14 (6-12")	4-11-98	1241	SOIL	2		X	X	X		0	PPM
(16)	" (24")		1245	"	2	X			X	VO 0190	0	PPM
(17)	" (40")		1245	"	2	X			X	VO 0191	0	PPM
(18)	" (4-7')		1247	AQ	2	X					0	PPM
(19)	M-5-B-15 (6-12")		1338	SOIL	2		X	X	X		0	PPM
(20)	" (24")		1342	"	2	X			X	VO 0192	0	PPM
(21)	" (40")		1342	"	2	X			X	VO 0193	0	PPM
(22)	" (4-7')		1345	AQ	2	X					0	PPM

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[signature]	4/11/98 1441	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____ Hrs.

Remarks: see pg. 1

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NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-5-LANDFILL

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments: HNU + OVA CAL @0948 - HNU @ 58 PPM > CAL (ML) OVA @ 45 PPM HNU BACKGROUND = 1 PPM HNU NEW CAL GAS BOTTLE

Lab Sample I.D.		Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals	PEST	PCB	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
3477	(1)	TRIP BLANK	4-13-98			1	X					VO 0194	~~0~~	~~PPM (ML)~~
	(2)	FIELD BLANK			AQ	2	X							
	(3)	M-5-B-16 (6-12")		1035	SOIL	2		X	X	X			0	PPM
	(4)	" (24")		1040	"	2	X			X		VO 0195	0	PPM
	(5)	" (40")		1040	"	2	X			X		VO 0196	0	PPM
	(6)	" (4-7')		1046	AQ	2	X						0	PPM
	(7)	M-5-B-17 (6-12")		1120	SOIL	2		X	X	X			0	PPM
	(8)	" (24")		1128	"	2	X			X		VO 0197	0	PPM
	(9)	" (40")		1128	"	2	X			X		VO 0198	0	PPM
	(10)	" (4-7')		1143	AQ	2	X						0	PPM
	(11)	M-5-B-18 (6-12")		1334	SOIL			X	X	X			0	PPM
	(12)	" (24")		1338	"		X			X		VO 0199	0	PPM
	(13)	" (40")		1338	"		X			X		VO 0200	0	PPM
	(14)	" (4-7')		1342	AQ		X						0	PPM

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Mark Laura	4-13-98 1600	D. Wright			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____ Hrs.

Remarks: VOA PRES. W/ HCL ALL OTHERS <4°C (H2O @ 46-48")

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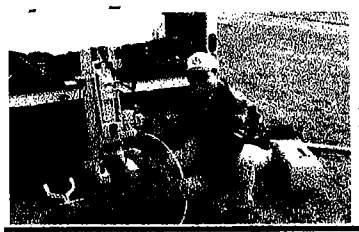

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NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-5-LANDFILL CONT.

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments: see pg. # 1

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals TAL	PESTPCBABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
3477 (15)	M-5-B-19 (6-12")	4-13-98	1440	soil	2		X	X	X			M20 @ 38" OPPM
(16)	" - (24")	↓	1446	"	2	X			X	VO 0201		
(17)	" - (32")		1446	"	2	X			X	VO 0202		
(18)	" - 36' (~~4-7'~~ MD)		1500	AQ	2	X						

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[signature]	4-13-98 1600	[signature] D. Wright			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks: see pg. # 1

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Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-5 Landfill

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments: HNU CAL @ 58 PPM OVA CAL @ 95 PPM Mark Laura

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals TAL	PEST PCB	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
3479 (1)	TRIP BLANK	4-14-98			1	X				VO 0203		
(2)	FIELD BLANK		0925	AQ	2	X						
(3)	M-5-B-20 - (6-12")		0935	SOIL	2		X	X	X		0	PPM
(4)	" - (24")		0956	"	2	X			X	VO0204	2	PPM
(5)	" - (40")		0956	"	2	X			X	VO0205	0	PPM
(6)	" - (4-7')		1009	AQ	2	X					0	OVA
(7)	M-5-B-21 - (6-12")		1110	SOIL	2		X	X	X		0	PPM
(8)	" - (24")		1120	"	2	X			X	VO0206	0	PPM
(9)	" - (40")		1120	"	2	X			X	VO0207	0	PPM
(10)	" - (4-7')		1127	AQ	2	X					0	PPM
(11)	M-5-B-22 - (6-12")		1309	SOIL	2		X	X	X		0	PPM
(12)	" - (24")		1318	"	2	X			X	VO0208	0	PPM
(13)	" - (40")		1318	"	2	X			X	VO0209	0	PPM
(14)	" - (4-7')		1330	AQ	2	X					0	PPM

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Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____ Hrs.

Remarks:

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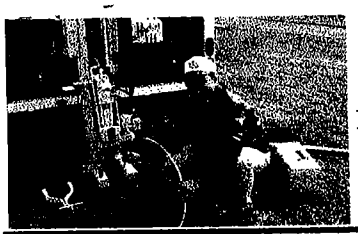

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Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-5- LANDFILL

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments: See pg. 1

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals	PEST PCB	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
3479 15	M-5- FIELD DUP. (6-12)	4-14-98		SOIL	2	~~X~~	X	X	X		0	PPM
16	" (24")	↓		"	2	X			X	VO 0215	0	PPM
17	" (40")			"	2	X			X	VO 0216	0	PPM
18	" (4-7')	↓		AQ	2	X					0	PPM

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Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks:

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Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-5-LANDFILL

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments: OVA #2 – CAL@95 PPM – METH; HNU #1 – CAL@58 PPM – TR. HS

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	TAL Metals	PEST PCB ABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
3485 (1)	TRIP BLANK	4-15-98			1					VO 0210	0	PPM
(2)	FIELD BLANK		1015	AQ	2	X					"	"
(3)	M-5-B-23 - (6-12"		1035	SOIL	2		X	X	X		"	"
(4)	" - (24"		1042	"	2	X			X	VO0~~213~~ 211	"	"
(5)	" - (39"		1042	"	2	X			X	VO0~~214~~ 212	"	"
(6)	" - (4-7'		1054	AQ	2	X					"	" OVA
(7)	M-5-B-24 - (6-12"		1128	SOIL	2		X	X	X		"	"
(8)	" - (24"		1143	"	2	X			X	VO0213	"	"
(9)	" - (39"		1143	"	2	X			X	VO0214	"	"
(10)	" - (4-7'		1156	AQ	2	X					"	" OVA
(11)	M-5-B-25 - (6-12"		1320	SOIL	2		X	X	X		1	PPM
(12)	" - (24"		1332	"	2	X			X	VO0221	3	PPM
(13)	" - (46"		1332	"	2	X			X	VO0222	5	PPM
(14)	" - (4-7'		1345	AQ	2	X					0	PPM OVA

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Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks:

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(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-5-LANDFILL CONT.

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments: See pg. 1

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals TAL	PEST PCB PAH	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
3485 (15)	M-5-B-26-(6-12"	4-15-98	1430	Soil	2		X	X	X		0	PPM
(16)	" -(24"		1438	"	2	X			X	V00223	0	PPM
(17)	" -(40"		1438	"	2	X			X	V00224	0	PPM
(18)	" -(4-7'		1447	AQ	2	X					0	PPM - OVA

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M[illegible]	4-15-98 1525	[illegible]			
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Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks:

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NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No. IJN 98-0211
Location: M-5-LANDFILL

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments: Col HNU #1 @ 58 PPM TRACE HYDRO. OK
Col OVA #2 @ 95 PPM METHANE (ML)

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals TAL	PESTPCBABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
3498. 01	TRIP BLANK	4-20-98			1	X				VO 0232		(VO 0232)
* 02	FIELD BLANK		1140	AQ	2	X						
03	M-5-B-27-(6-12"		1215	SOIL	2		X	X	X		0	PPM
04	" -(24"		1225	"	2	X			X	V00233	0	PPM
05	" -(40"		1225	"	2	X			X	V00234	0	PPM
06	" -(4-7'		1235	AQ	2	X					0	PPM OVA
07	M-5-B-28 = (6-12"		1340	SOIL	2		X	X	X		0	PPM
08	" -(24"		1355	"	2	X			X	V00235	0	PPM
09	" -(40"		1355	"	2	X			X	V00236	0	PPM
10	" -(4-7'		1414	AQ	2	X					0	PPM OVA
11	M-5-B-29 -(6-12"		1426	SOIL	2		X	X	X		0	PPM
12	" -(24"		1435	"	2	X			X	V00237	0	PPM
13	" -(40"		1435	"	2	X			X	V00238	0	PPM
14	" -(4-7'		1445	AQ	2	X					0	PPM OVA

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[signature]	4-20-98 1610	J. Vergara			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____ Hrs.

Remarks: * FIELD BLANK TAKEN OFF 1" P.V.C. WELL SCREENS PRE-WRAPPED @ FACTORY (ML)

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NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-5-LANDFILL

Samplers Name / Company : MARK LAURA / TVS PWS-007

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals TAL	PEST PCB	AB N	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
3498 15	M-5-B-30 - (6-12"	9-20-98	1528	soil	2		X	X		X		0	PPM
16	" - (24"		1538	"	2	X				X	V00239	0	PPM
17	" - (40"		1538	"	2	X				X	V00240	0	PPM
18	" - (4-7'		1544	AQ	2	X						0	-OVA-PPM

Comments:

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[signature]	4-20-98 1600	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____ Hrs.

Remarks:

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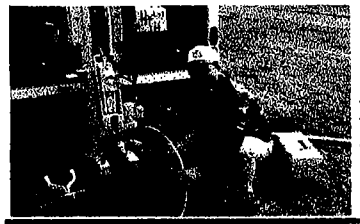

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NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-5- LANDFILL

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments: Cal HNU #1, OVA #2 > OK (ML)

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	TAL Metals	PEST PCB ABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
3500 01	TRIP BLANK	4-21-98			1	X				VO 0242		
02	M-5-B-31-(6-12"		0940	SOIL	2		X	X	X		0	PPM
03	" -(24"		0950	"		X			X	VO 0242	"	"
04	" -(30"		0950	"		X			X	VO0243	"	" H2O @ 36"
05	" -(4-7'		1000	AQ		X					"	"(OVA)
06	M-5-B-32-(6-12"		1030	SOIL			X	X	X		"	"
07	" -(24"		1043	"		X			X	VO0244	"	"
08	" -(40"		1043	"		X			X	VO0245	"	"
09	" -(4-7'		1055	"		X					.04	PPM-OVA
10	M-5-B-33-(6-12"		1133	SOIL			X	X	X		0	PPM
11	" -(24"		1140	"		X			X	VO0246	"	"
12	" -(40"		1140	"		X			X	VO0247	"	"
13	" -(4-7'		1155	AQ		X					"	"
14	M-5-B-34-(6-12"		1330	SOIL			X	X	X			

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[signature]	4-21-98 1550	J. Vereffera			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks:

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NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-S-LANDFILL CONT

Samplers Name / Company : MARK LAURA / TVS PWS-007

Analysis Parameters

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	TAL Metals	PEST PCB	ABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
3500 15	M-S-B-34 (24")	4-21-98	1340	soil	2	X				X	V0 0248	0	PPM
16	" (40"		1340	"		X				X	V0 0249	0	"
17	" (4-7'		1350	AQ		X						0	"
18	M-S-B-35 - (6-12"		1420	soil			X	X		X			
19	" - (24"		1435	"		X				X	V00250		
20	" - (40"		1435	"		X				X	V00251		
21	" - (4-7'		1450	AQ		X							

Comments: see pg. 1

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[signature]	4-21-98 1550	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____ Hrs.

Remarks:

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NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-5-LANDFILL

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments: Col OVA @ 95 PPM - methane

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	TAL Metals	PEST PCB ABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
3501 01	TRIP BLANK	4-22-98			1	X				V00252		
02	M-5-B-36-(6-12"		0932	SOIL	2		X	X	X		0	PPM
03	" -(24"		0945	"		X			X	V00253	"	"
04	" -(40"		0945	"		X			X	V00254	"	"
05	" -(4-7'		0956	AQ		X					.04	PPM
06	M-5-B 37 -(6-12"		1020	SOIL			X	X	X		0	PPM
07	" -(24"		1037	"		X			X	V00255	"	"
08	" -(40"		1037	"		X			X	V00256	"	"
09	" -(4-7'		1048	AQ		X					"	"
10	M-5-B-38 -(6-12"		1122	SOIL			X	X	X		0	PPM
11	" -(24"		1133	"		X			X	V00257	"	"
12	" -(40"		(MD)B 1133	"		X			X	V00258	"	"
13	" -(4-7'		1148	AQ		X					1	PPM
14	M-5-B 39 (6-12"		1317	SOIL			X	X	X		0	PPM

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Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks: H_2O @ 40"

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NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA Long Term Monitoring

Project No: IJN 98-0211
Location: M-5-LANDFILL CONT.

Samplers Name / Company : TVS PWS-007

Comments: see pg. 1

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	TAL Metals	PEST PCB	ABN+25	% SOLID			OVA	Remarks / Preservation Method
3501 15	M-5-B-39 (CONT) (24"	4-22-98	1320	2	2	X				X	VO 0259		1.04 PPM	All samples kept <4 degrees C
16	" (30")		1320	Soil		X				X	VO 0260		3 PPM	VOA pres. W/ HCL B-29-
17	" - (4-7'		1338	Hg		X							.04 PPM	Metals pres. W/ HNO_3 H2O(ED 40"
18	M-5-B 40 6-12"		1421	Soil			X	X	X	X			0	PPM
19	" - 24"		1430	"		X				X	VOO 261		"	"
20	" - 40"		1430	"		X				X	VOO 262		"	"
21	" - 4-7'		1440	Hg		X							"	"

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Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (X) DERA long term monitoring format
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks: see pg. 1

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NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA Long Term Monitoring

Project No: IJN 98-0211
Location: M-5 – LANDFILL

Samplers Name / Company : MARK LAURA **TVS PWS-007**

Comments: HNO3 CAL. TO 5B PPM W/TRACE HYDRO

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals TAL	PEST PCB	ABN+25				OVA	Remarks / Preservation Method
3539 (1)	TRIP BLANK	5-1-98			1	X				V00294				All samples kept <4 degrees C
02	M-5-B-41- 6-12"		1125	soil	2		X	X	X				0 PPM	VOA pres. W/ HCL
03	" - 24-30"		1130	"		X			X	V00295			.02 PPM	~~Metals pres. W/ HNO3~~
04	" - 36		1140	"		X			X	V00296			.02 PPM	
05	" - 4-7'		1150	AQ		X							.04 PPM	
06	M-5-B-42- 6-12"		1335	soil			X	X	X				.04 PPM	
07	" - 24		1346	"		X			X	V00297			.02 PPM	
08	" - 36"		1350	"		X			X	V00298			0 PPM	
09	" - 4-7'		1355	AQ		X							0 PPM	

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[signature]	5-1-98 1445	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (X) DERA long term monitoring format
Turnaround time: (X)Standard 4 wks, ( )Rush ____ Days, ( )ASAP Verbal ____ Hrs.

Remarks: 402 + 202 SAR LOT #32798

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Fort Monmouth Environmental Testing Laboratory

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NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA Long Term Monitoring

Project No: IJN 98-0211
Location: M-5 LAND FILL

Samplers Name / Company : MARK LAURA **TVS PWS-007**

Comments: HNU = Cal. @ 58 PPM OVA - Cal @ 95 PPM INSTR. O.K. (MW)

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals TAL	PEST PCB	ABN+25	% SOLIDS	VOA I.D. #		OVA	Remarks / Preservation Method
3543. 01	TRIP BLANK	5-4-98			1	X					V00299			All samples kept <4 degrees C
02	M-5-B-43 - 6-12"		1040	SOIL	2		X	X	X				0 PPM	VOA pres. W/ HCL
03	" - 24"		1045	"		X				X	V00	300	"	~~Metals pres. W/ HNO_3~~
04	" - 36"		1050	"		X				X	V00	301	"	
05	" - 4-7'		1100	AQ.		X							"	
06	M-5-B-44 - 6-12"		1320	SOIL			X	X	X				"	
07	" - 24"		1325	"		X				X	V00	302	"	
08	" - 36"		1325	"		X				X	V00	303	"	
09	" - 4-7'		1445	AQ.		X							"	
10	M-5-B-45 - 6-12"		1408	SOIL			X	X	X				0	
11	" - 24"		1413	"		X				X	V00	304	8	PPM (HNU)
12	" - 36"		1413	"		X				X	V00	305	0	
13	" - 4-7'		1534	AQ.		X							0	
14	M-5-B-46 - 6-12"		1520	SOIL			X	X	X					

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[signature]	5-4-98 1615	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (X) DERA long term monitoring format
Turnaround time: (X)Standard 4 wks, ( )Rush ____ Days, ( )ASAP Verbal ____ Hrs.

Remarks: M-5-B-44 - SLOW H2O ENTRY IN SAMPLE
M-5-B-45 SCREEN

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NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA Long Term Monitoring

Project No: IJN 98-0211
Location: M-5 LANDFILL CONT

Samplers Name / Company : TVS PWS-007

Comments: See Pg. #1

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals TAL	PEST	PCB	ABN+25	% SOLID	V.O.I.D. #		OVA	Remarks / Preservation Method
3543 15	M-5-B-46 - 24"	5-4-98	1530	soil		X					X	VO	0306	0 PPM	All samples kept <4 degrees C
16	" - 36"		1530	"		X					X	VO	0307	0 PPM	VOA pres. W/ HCL
17	" - 4-7'		1550	AQ		X								0 PPM	~~Metals pres. W/ HNO_3~~
18	FIELD DUP - 6-12"			soil			X	X	X					0 PPM	
19	" - 24"			"		X					X	VO	0311		
20	" - 36"			"		X					X	VO	0312		
21	" - 4-7'			AQ		X									

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[signature]	5-4-98 1615	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (X) DERA long term monitoring format
Turnaround time: (X)Standard 4 wks, ( )Rush ____ Days, ( )ASAP Verbal ____ Hrs.

Remarks:

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NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-5- LANDFILL

Samplers Name / Company : MARK LAURA / TVS PWS-007

Analysis Parameters

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals	PESTB	PCBN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
3547 01	TRIP BLANK	5-5-98			1	X					V00308		
02	M-5-B-47 - 6-12"		1010	soil	2		X	X	X			0	PPM
03	" - 24"		1013	"		X			X		V00309	"	
04	" - 36"		1017	"		X			X		V00310	"	
05	" - 4-7'		1025	AQ		X						"	
06	M-5-B-48 - 6-12"		1045	soil			X	X	X			0	PPM
07	" - 24"		1050	"		X			X		V00313	0	PPM
08	" - 38"		1050	"		X			X		V00314	1.04	PPM
09	" - 4-7'		1100	AQ		X						0	PPM
10	M-5-B-49 - 6-12"		1145	soil			X	X	X			0	PPM
11	" - 24"		1150	"		X			X		V00315	"	
12	" - 36"		1150	"		X			X		V00316	"	
13	" - 4-7'		1205	AQ		X						"	
14	M-5-B-50 - 6-12"		1345	soil			X	X	X			0	PPM

Comments:
#1 HNU CAL. @ 58 PPM - TRI-HYDRO.
#2 OVA CAL. @ 98 PPM - METH.

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
[signature]	5-5-98 1540	J. Vergara			

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen, non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks: 4 oz. JARS, LOT # 32788 @ B-48
See 3550.02 For Resample of B-47 36" 3547.01

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Fort Monmouth Environmental Testing Laboratory

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NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-5 LANDFILL CONT.

Samplers Name / Company : MARK LAURA / TVS PWS-007

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals TAL	PEST PCB PAB N	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
3547. 15	M-5-B-50 - ~~6-12"~~ 24" (M)	5-5-98	1350	soil	2	X			X	V00317	1	PPM
16	" - 36"		1350	"		X			X	V00318	0	PPM
17	" - 4-7		1400	AQ		X					0	PPM
18	M-5-B-51 - 6-12"		1420	soil			X	X	X			
19	" - 24"		1430	"		X			X	V00319		
20	" - 36"		1430	"		X			X	V00320		
21	" - 4-7'		1440	AQ		X						

Comments: see pg. 1

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[signature]	5-5-98 1540	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks: see pg. 1

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Custodydera5/5/98

Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-3484 EMail:appleby@doim6.monmouth.army.mil

NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-5-LANDFILL

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments:
#1-HNU-CAL @ 58 PPM W/ TR. HYD.
#2-OVA - CAL @ 98 PPM W/ METH.

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals TAL	PESTPCB ABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
3550 01	TRIP BLANK	5-6-98			1	X				V00321		
02	M-5-B-47 ~~6-12"~~ 36"		1000		1	X				V00322		LOST METH. IN TRASIT ORIG. SAMPLE V00310 5-5-98
03	M-5-B-52 6-12"		1020	SOIL	2		X	X	X		1	PPM
04	" - 24"		1030	"		X			X	V00323	0	"
05	" - 36"		1030	"		X			X	V00324	0	"
06	" - 4-7'		1040	AQ.		X					0	"
07	M-5-B-53 - 6-12"		1120	SOIL			X	X	X		0	"
08	" - 24"		1135	"		X			X	V00325	0	"
09	" - 36"		1138	"		X			X	V00326	1	PPM
10	" - 4-7'		1150	AQ		X					0	PPM
11	M-5-B-54 - 6-12"		1320	SOIL			X	X	X		0	"
12	" - 24"		1325	"		X			X	V00327		
13	" - 36"		1325	"		X			X	V00328		
14	" - 4-7'		1330	AQ		X						

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[signature]	5-6-98 1545	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks: Sample # 2 Cancelled No Per. Solid, Lost Methanol In Transit
[signature] 6/15/98

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Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-S-LANDFILL CONT.

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments: see Pg-1

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals TAL	PEST PCB	PAB N	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
3550 . 15	M-5-B-55- 6-12"	5-6-98	1515	soil	2		X	X	X			0	PPM
16	" - 24	↓	1525	"	↓	X			X		V00329	"	"
17	" -	↓	1525	"	↓	X			X		V00330	"	"
18	" -	↓	1530	AQ	↓	X						"	"

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Mark Laura	5-6-98 1545	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks:

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NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA Long Term Monitoring

Project No: IJN 98-0211
Location: M-5-LANDFILL

Samplers Name / Company: MARK LAURA **TVS PWS-007**

Comments: CAL #2 HNU @ 58 PPM W/TR. HYDRO. CAL OVA #1 @ 95 PPM W/METANE - 0 AIR (ML) O.K.

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	TAL Metals	PEST PCB	ABN+25	% SOLID			OVA	Remarks / Preservation Method
3561. 01	TRIP BLANK	5-11-98			1	X					V00331			All samples kept <4 degrees C
02	M-5-B-56-6-12		0945	SOIL	2		X	X	X	X			0 PPM	VOA pres. W/ HCL
03	" - 24"		0950	"		X				X	V00332		"	Metals pres. W/ HNO_3
04	" - 40"		0950 ~~[illegible]~~ ML	"		X				X	V00333		"	
05	" - 4-7'		1000	AQ		X							"	
06	M-5-B-57-6-12"		1040	SOIL			X	X	X	X			"	
07	" - 24"		1050	"		X				X	V00334		"	
08	" - 38"		1050	"		X				X	V00335		"	
09	" - 4-7'		1100	AQ		X							"	
10	M-5-B-58 - 6-12"		1310	SOIL			X	X	X	X			"	
11	" - 24"		1315	"		X				X	V00336		"	
12	" - 36"		1315	"		X				X	V00344		"	
13	" - 4-7'		1325	AQ		X							"	
14	M-5-B-59 - 6-12"		1410	SOIL			X	X	X	X				

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
[signature]	~~1500 ML 5-11-98~~ 1500	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (X) DERA long term monitoring format
Turnaround time: (X)Standard 4 wks, ( )Rush ___ Days, ( )ASAP Verbal ___ Hrs.

Remarks: RAIN - HNU NOT PERFORMING CORRECTLY
2 OZ. JARS-LOT # 32798 @ B-57

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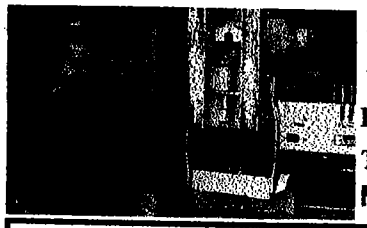

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Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-5-LANDFILL CONT.

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments: see pg-1

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals TAL	PESTPCBAN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
3561. 15	M-5-B-59 - 24"	5-11-98	1420	soil	2	X			X	V00345		
16	" - 36"		1420	"		X			X	V00346		
17	" - 4-7'		1430	AQ.		X						

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[signature]	5-11-98 1500	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____ Hrs.

Remarks:

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Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-5-LANDFILL

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments: Cal. HNU #2, Cal OVA #1 > OK (ML)

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals TAL	PESTCB ABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
35671 1	Trip Blank	5-14-98	—		1	X				V00347	~~0~~	~~PPM~~ (ML)
2	M-5-B-60-(6-12"		0930	soil	2		X	X	X		0	PPM
3	" -(24"		0943	"		X			X	V00348	"	"
4	" -(40"		0943	"		X			X	V00349	"	"
5	" -(4-7'		0950	AQ		X					"	"
6	M-5-B-61-(6-12"		1038	soil			X	X	X		"	"
7	" -(24"		1045	"		X			X	V00350	"	"
8	" -(36"		1050	"		X			X	V00351	"	"
9	" -(4-7'		1059	AQ		X					"	"
10	M-5-B-62-(6-12"		1135	soil			X	X	X		"	"
11	" -(24"		1140	"		X			X	V00352	"	"
12	" -(30"		1140	"		X			X	V00353	2	PPM
13	" -(4-7'		1150 ~~1200~~ (ML)	"		X					0	PPM
14	M-5-B-63-(6-12"		1330	soil			X	X	X		200	PPM

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Mark Laura	5-14-98 1535	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: ( )Full, ( )Reduced, (X)Standard, ( )Screen / non-certified
Turnaround time: (X)Standard 4 wks, ( )Rush ____ Days, ( )ASAP Verbal ____ Hrs.

Remarks: 4-02 — 42298

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Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-5-LANDFILL CONT.

Samplers Name / Company : MARK LAURA / TVS PWS-007

Analysis Parameters

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals TAL	PEST	PCB ABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
3567. 15	M-5-B-63 - 20"	5-14-98	1405	soil	2	X				X	V00354	~~800~~	PPM - HNU
16	" - 24"		1410	"		X				X	V00355	~~800~~ 500	PPM - HNU
17	" - 30"		1410	"		X				X	V00356	~~500~~	1000 PPM - HNU
18	" - 4-7'		1420	AQ		X						0	OVA + HNU
19	M-5-B-64 - 6-12"		1505	soil			X	X	X			0	PPM
20	" - 24"		1510	"		X			X		V00357	"	"
21	" - 30"		1510	"		X			X		V00358	"	"
22	" - 4-7'		1517	AQ		X						"	"
23	Field Dup - 6-12"		X	soil			X	X	X			"	"
24	" - 24"		X	"		X			X		V00359	"	"
25	" - ~~30"~~ 40"		X	"		X			X		V00360	"	"
26	" - 4-7'		X	AQ		X						"	"

Comments: See pg. 1

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
[signature]	5-14-98 1535	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____ Hrs.

Remarks: See pg. 1

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Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-5-LANDFILL

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments:
#2-HNU NOT WORKING CORRECTLY
#1 OVA CAL. @ 95 PPM - METH. O.K. (ML)

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	TAL Metals	PEST PCB ABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
3571 1	TRIP BLANK	5-15-98			1	X				V00367		V00 367
2	M-5-B-65 - 6-12"		1020	SOIL	2		X	X	X		0	PPM
3	" - 24"		1035	"		X			X	V00368	"	"
4	" - 30"		1035	"		X			X	V00369	"	"
5	" - 4-7'		1040	AQ.		X					"	"
6	M-5-B-66 - 6-12"		1130	SOIL			X	X	X		"	"
7	" - 24"		1138	"		X			X	V00370	"	"
8	" - 30"		1138	"		X			X	V00371	"	"
9	" - 4-7'		1148	AQ.		X					"	"
10	M-5-B-67 - 6-12"		1340	SOIL			X	X	X		0	PPM
11	" - 24"		1350	"		X			X	V00372	"	"
12	" - 36'		1400	AQ	3	X			X		"	"
13	M-5-B-68 - 6-12"		1430	SOIL	2		X	X	X		"	"
14	" - 24"		1440	"	"	X			X	V00373	"	"

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[signature]	5-15-98 1550	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: ( )Full, ( )Reduced, (X)Standard, ( )Screen / non-certified
Turnaround time: (X)Standard 4 wks, ( )Rush ____ Days, ( )ASAP Verbal ____ Hrs.

Remarks: M-5-B-67-(1) VOA - H2O @ 30"
2 OZ. JARS LOT # 032798 @ B-68

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Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-5-LANDFILL CONT.

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments: see pg. 1

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals TAL	PEST PCB	ABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
3571 15	M-5-B-68 - (CONT.) (30"	5-15-98	1440	soil	2	X				X	V00374	0	PPM
16	" - (4-7'		1450	AQ		X				X		"	"
17	M-5-B-69 - 6-12"		1520	soil			X	X		X			
18	" - 24"		1530	"		X				X	V00375		
19	" - 30"		1530	"		X				X	V00376		
20	" - 4-7'		1540	AQ		X							

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Mark	5-15-98 1550	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____ Hrs.

Remarks: See pg. 1

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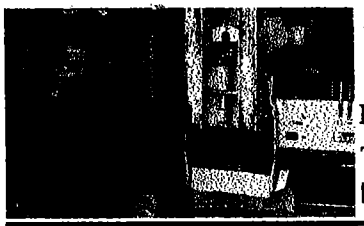

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Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-5-LANDFILL

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments: OVA # 2 - CAL. @ 95 PPM w/ METHANE (NO HNU) O.K. (ML)

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals TAL	PEST PCB ABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
3576. 1	TRIP BLANK	5-18-98			1	X				V00377	0	PPM
2	M-5-B-70 - 6-12"		1025	SOIL	2		X	X	X		"	"
3	" - 24"		1035	"		X			X	V00378	"	"
4	" - 30"		1040	"		X			X	V00379	"	"
5	" - 4-7		1050	AQ		X					"	"
6	M-5-B-71 - 6-12"		1120	SOIL			X	X	X		"	"
7	" - 24"		1135	"		X			X	V00380	"	"
8	" - 30"		1140	"		X			X	V00381	"	"
9	" - 4-7'		1145	AQ		X					"	"
10	M-5-B-72 - 6-12"		1340	SOIL			X	X	X		"	"
11	" - 24"		1355	"		X			X	V00382	"	"
12	" - 30"		1400	"		X			X	V00383	"	"
13	" - 4-7'		1410	AQ.		X					"	"
14	M-5-B-73 - 6-12"		1510	SOIL			X	X	X		"	"

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[signature]	5-18-98 1545	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks:

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(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-5-LANDFILL CONT.

Samplers Name / Company : MARK LAURA / TVS PWS-007

Analysis Parameters: VOA+15 | Metals TAL | PEST PCB ABN | % SOLID | VOA ID NUMBER | OVA

Comments: See pg. 1

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals TAL	PEST PCB ABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
3576 *15	M-5-B-73-/24"	5-18-98	1518	soil	2					V00384		
16	" -(4-7'		1523	AQ								
5-18-98 ML 17	~~" -(4-7'~~		~~1523~~	~~AQ~~								

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[signature]	5-18-98 1545	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks: * B-73 - ① VOA-SOIL H2O @ 30" EG.

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Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-5 LANDFILL

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments: Cal OVA #2 OK ML w/95 PPM w/METHANE

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	TAL Metals	PEST PCB ABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
3580. 1	TRIP BLANK	5-19-98			1	X				V00387	0 PPM	
2	M-5-B-74 - (6-12"		0845	soil	2		X	X	X		"	
3	" - (24"		0850	"	"	X			X	V00388	"	1 METH. H2O @ 30"
4	" (30-62" ~~4-7~~ MO		0900	AQ	3	X					"	
5	M-5-B-75 - (6-12"		0930	soil	2		X	X	X		"	
6	" - (24"		0940	"	"	X			X	V00389	"	1 METH. H2O @ 30"
7	" - (30-62"		0950	AQ	3	X			X	JF 5/2/98	"	
8	M-5-B-76 - (6-12"		1050	soil	2		X	X	X		"	
9	" - (24"		1103	"	"	X			X	V00390	"	1 METH. H2O @ 30"
10	" - (30-62"		1108	AQ	"	X			X	JF 5/20/98	"	
11	M-5-B-77 - (6-12"		1140	soil	"		X	X	X		"	
12	" - (30"		1150	"	"	X			X	V00391	"	
13	" - (30-62"		1200	AQ	"	X			X	JF 5/20/98	"	
14	M-5-B-78 - (6-12"		1320	soil	"		X	X	X		"	

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Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks: 4 OZ. LOT # 32798-B-74

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Custodydera5/5/98

Fort Monmouth Environmental Testing Laboratory

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Tel (732)532-4359 Fax (732)532-3484 EMail:appleby@doim6.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-5-LANDFILL

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments: See pg. 1

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals	PESTCB	PABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
3580.15	M-5-B-78-24"	5-19-98	1325	soil	2	X				X	V00392	0	PPM
16	" -36"		1330	"		X				X	V00393	2	PPM
17	" -4-7'		1340	AQ		X						0	PPM
18	M-5-B-79-6-12"		1415	soil			X	X	X			"	"
19	" -24"		1420	"		X			X		V00394	"	"
20	" -36"		1420	"		X			X		V00395	"	"
21	" -3-6'		1430	AQ		X						"	"
22	M-5-B-80-6-12"		1540	soil			X	X	X			"	"
23	" -24"		1545	"		X			X		V00396	"	"
24	" -36"		1548	"		X			X		V00397	"	"
25	" -3-6'		1555	AQ		X						"	"
26	M-5-B-81-6-12"		1700	soil			X	X	X			"	"
27	" -24"		1705	"		X			X		V00398	"	"
28	" -36"		1710	"		X			X		V00399	"	"

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[signature]	5-19-98 1700	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____ Hrs.

Remarks: 2 oz. COT # 32798 @ B-81

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Fort Monmouth Environmental Testing Laboratory

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NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-5-LANDFILL

Samplers Name / Company : MARK LAURA / TVS PWS-007

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals TAL	PEST PCB PAB	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
3580. 29	M-5-B-81 (4-7'	5-19-98	1715	AQ	2	X					0	PPM
30	M-5-B-82 - 6-12"		1725	soil			X	X	X		"	"
31	" - 24"		1735	"		X			X	V00400	"	"
32	" - 36"		1740	"		X			X	V00401	"	"
33	" - 4-7'		1750	AQ		X					"	"
34	M-5-B-83 - 6-12"		1830	soil			X	X	X		"	"
35	" - 24"		1845	"		X			X	V00402	"	"
36	" - 36"		1850	"		X			X	V00403	"	"
37	" - 4-7'		1900	AQ		X					"	"
38	FIELD DUP. - 6-12"			soil			X	X	X		"	"
39	" - 24"			"		X			X	V00407	"	"
40	" - 36"			"		X			X	V00408	"	"
41	" - 3-6'			AQ		X					"	"

Comments:

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Mark Laura	5-19-98 1700	[illegible]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks:

print legibly

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NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-5-LANDFILL

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments: Cal OVA #2 w/95 PPM METH.

Analysis Parameters

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals	PEST PCB ABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
3584. 1	TRIP BLANK	5-20-98		METH.	1	X				V00404	—	
2	M-5-B-84 - 6-12"		0910	SOIL	2		X	X	X		0 PPM	
3	" - 24"		0915	"		X			X	V00405	"	
4	" - 30"		0920	"		X			X	V00406	"	
5	- 36'		0930	AQ		X					"	
6	M-5-B-85 - 6-12"		1015	SOIL			X	X	X		"	
7	" - 24"		1025	"		X			X	V00409	"	
8	" - 36"		1030	"		X			X	V00410	"	
9	" - 47'		1040	AQ		X					"	
10	M-5-B-86 - 6-12"		1135	SOIL			X	X	X		"	
11	" - 24"		1145	"		X			X	V00411	"	
12	" - 36"		1150	"		X			X	V00412	"	
13	" - 36'		1158	AQ		X					"	
14	M-5-B-87 - 6-12"		1310	SOIL			X	X	X			

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[signature]	5-20-98 750	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____ Hrs.

Remarks: 4oz. LOT # 42298 @ B-84

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Fort Monmouth Environmental Testing Laboratory

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NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-5-LANDFILL CONT.

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments: see pg. 1

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	TAL Metals	PEST PCB ABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
3584 15	M-5-B-87 - 24"	5-20-98	1315	soil	2	X			X	V00413	0 PPM	
16	" - 36"		1320	"		X			X	V00414	"	
17	" - 3-6'		1330	AQ		X					"	
18	M-5-B-88 - 6-12"		1420	soil			X	X	X		"	
19	" - 24"		1430	"		X			X	V00415	"	H2O @ 30" - ONLY ONE VOA SOIL
~~20~~ (ML 5-20-98)	~~" - 32"~~											
3584 21	" - 3-6'		1445	AQ		X					"	
22	M-5-B-89 - 6-12"		1525	soil			X	X	X		"	
23	" - 24"		1530	"		X			X	V00416	"	
24	" - 30"		1539	"		X			X	V00417	3 PPM	
25	" - 3-6'		1543	AQ		X					0 PPM	
26	M-5-B-90 - 6-12		1612	soil			X	X	X		"	
27	" - 24"		1618	"		X			X	V00418	"	
28	" - 30"		1623	"		X			X	V00419	"	

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Mark Laura	5-20-98 750	J. Vergara			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks:

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Fort Monmouth Environmental Testing Laboratory

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NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-S-LANDFILL CONT.

Samplers Name / Company : MARK LAURA / TVS PWS-007

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals	PESTCB	PABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
3584 29	M-5-B-90 (CONT.) 3-6'	5-20-98	1635	AQ	2	X						0	PPM
30	M-5-B-91 - 6-12"		1700	SOIL			X	X	X			"	
31	" - 24"		1705	"		X			X		V00420	"	
32	" - 30"		1710	"		X			X		V00421	"	
33	" - 3-6'		1716	AQ		X						"	
34	M-5-B-92 - 6-12"		1730	SOIL			X	X	X			"	
35	" - 24"		1740	"		X			X		V00422	"	
36	" - 30"		1745	"		X			X		V00423	"	
37	" - 3-6'		1755	AQ		X							

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Mark Laura	5-20-98 750	J. Vergara			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____ Hrs.

Remarks:

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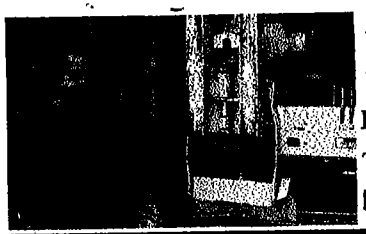
Custodydera5/5/98



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NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-5-LANDFILL

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments: Cal OVA #2 w/ 45 PPM - METHANE (MW) OK.

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	TAL Metals	PEST PCB ABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
3588. 1	TRIP BLANK	5-21-98			1	X				V00424		
2	M-5-B-93-6-12"		1110	SOIL	2		X	X	X		0 PPM	
3	" -24"		1115	"		X			X	V00425	"	
4	" -30"		1120	"		X			X	V00426	"	
5	" -3-6'		1130	AQ.		X					"	
6	M-5-B-94-6-12"		1310	SOIL			X	X	X		"	
7	" -24"		1315	"		X			X	V00427	"	
8	" -30"		1320	"		X			X	V00428	"	
9	" -3-6'		1330	AQ		X					"	
10	M-5-B-95-6-12"		1420	SOIL			X	X	X		"	
11	" -24"		1425	"		X			X	V00429	"	
12	" -36"		1430	"		X			X	V00430	"	
13	" -4-7'		1440	AQ		X					"	
14	M-5-B-96-6-12"		1510	SOIL			X	X	X		"	

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Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks: 2 OZ. JARS LOT # 32798 @ B-94

Custodydera5/5/98

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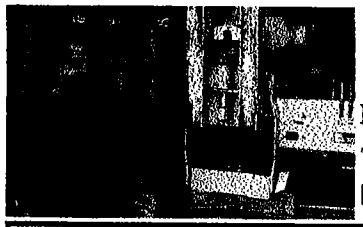

Fort Monmouth Environmental Testing Laboratory

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NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-5- LANDFILL CONT.

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments: see pg. 1

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals TAL	PEST PCB	ABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
3588. 15	M-5-B-96 - 24"	5-21-98	1515	soil	2	X				X	V00431	0	PPM
16	" - 36"		1520	"		X				X	V00432	"	
17	" - 4-7'		1530	AQ		X						"	
18	M-5-B-97 - 6-12"		1600	soil			X	X		X		"	
19	" - 24"		1610	"		X				X	V00433	"	
20	" - 30"		1615	"		X				X	V00434	"	
21	" - 4-7'		1620	AQ		X							
22	M-5-B-98 - 6-12		1650	soil			X	X		X			
23	" - 24"		1700	"		X				X	V00435		
24	" - 36"		1705	"		X				X	V00436		
25	" - 4-7'		1711	AQ		X				"			

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Maryn	5-22-98 730	J. Verghese			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____ Hrs.

Remarks:

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Fort Monmouth Environmental Testing Laboratory

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NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:

Project No: IJN 98-0211
Location: M-5

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments: Cal HNU #2 - 53 PPM TR. HYDRO. → OIL. Cal OVA #2 - 95 PPM METHANE (MA)

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	TAL Metals	PEST PCB ABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
3593 1	TRIP BLANK	5-26-98		METH.	1	X				V00437		
2	M-5-B-99 - 6-12"		0920	SOIL	2		X	X	X		0 PPM	
3	" - 24"		0930	"		X			X	V00438	"	H2O @ 30" (1) VOA-SOIL
4	" - 3-6'		0938	AQ.		X			X		"	
5	M-5-(682) B-100 - 6-12"		1110	SOIL			X	X	X		"	
6	" - 24"		1115	"		X			X	V00439	"	
7	" - 35"		1123	"		X			X	V00440	"	
8	" - 3-6'		1137	AQ.		X					"	
9	M-5(682)-B-101 - 6-12"		1310	SOIL			X	X	X		"	
10	" - 24"		1315	"		X			X	V00441	"	
11	" - 35"		1320	"		X			X	V00442	"	
12	" - 3-6'		1330	AQ		X					"	
13	M-5(682) B-102 - 6-12"		1415	SOIL			X	X	X		"	
14	" - 24"		1420	"		X			X	V00443	"	

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Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____ Hrs.

Remarks:

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Fort Monmouth Environmental Testing Laboratory

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NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-5

Samplers Name / Company : MARK LAURA / TVS PWS-007

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals TAL	PEST PCB	ABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
3593. 15	M-5(682) B-102- 35"	5-26-98	1425	Soil	2	X				X	V00444	3 PPM	
16	" -		1435	AQ		X						0 PPM	
17	Field Dup - 6-12"		X	Soil			X	X		X			
18	" - 24"		X	"		X				X	V00451		
19	" - 35"		X	"		X				X	V00452		
20	" - 3-6'		X	AQ		X							
21	M-5(682) B-103 - 6-12"		1510	Soil			X	X		X			
22	" - 24"		1515	"		X				X	V00445		
23	" - 35"		1520	"		X				X	V00446		
24	" - 3-6'		1530	AQ		X							

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[signature]	5-26-98 1550	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks:

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Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-3484 EMail:appleby@doim6.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-5 LANDFILL

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments: Cal. HNU #2 58 PPM TR. HYDRO. → 0.1 (M
Cal OVA #2 95 PPM METHANE

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	TAL Metals	PEST PCB ABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
3596 1	TRIP BLANK	5-27-98		METH.	1	X				V00447	0 PPM	
2	M-5(676) B-104 - 6-12"		1100	SOIL	2		X	X	X		"	
3	" - 24"		1105	"		X			X	V00448	"	
4	" - 76"		1110	"		X			X	V00449	"	
5	" - 8-11'		1120	AQ		X					"	
6	M-5(676) B-105 - 6-12"		1305	SOIL			X	X	X	~~V00450~~ (M)	"	
7	" - 24"		1310	"		X			X	V00450	"	
8	" - 80"		1315	"		X			X	V00453	"	
9	" - 7-10'		1320	AQ		X					"	
10	M-5(676) B-106 - 6-12"		1355	SOIL			X	X	X		"	
11	" - 24"		1405	"		X			X	V00454	"	
12	" - 70"		1410	"		X			X	V00455	"	
13	" - 6-9'		1415	AQ		X					"	

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[signature]	5-27-98 1605	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____ Hrs.

Remarks: LOT # 42298-2 OZ @ B-105

000046

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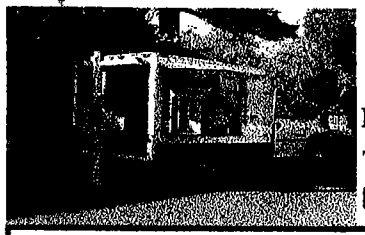
Custodydera5/5/98



Fort Monmouth Environmental Testing Laboratory

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Tel (732)532-4359 Fax (732)532-3484 EMail:appleby@doim6.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-5-LANDFILL

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments: HNU NOT PERFORMING OVA CAL. @ 95 PPM W/METHANE O.K. ML

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals TAL	PEST PCB	ABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
36604 1	TRIP BLANK	5-29-98		MEOH.	1	X					V00456		
2	M-5(676) B-107-6-12"		0915	SOIL	2		X	X		X		0 PPM	
3	" -24"		0920	"		X				X	V00457	"	
4	" -70"		0925	"		X				X	V00458	"	
5	" -6.9'		0935	AQ		X						"	
6	M-5(676) B-108-6-12"		1010	SOIL			X	X		X	~~V00459~~ ML	"	
7	" -24"		1015	"		X				X	V00459	"	
8	" -46'		1020	"		X				X	V00460	"	
9	" -4.7'		1030	"		X						"	
10	M-5(676) B-109-6-12"		1110	SOIL			X	X		X		"	
11	" -24"		1115	"		X				X	V00461	"	
12	" -35"		1120	"		X				X	V00462	"	
13	" -3.6'		1130	AQ		X						"	
14	M-5(676) B-110-6-12"		1320	SOIL			X	X		X		"	

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[signature]	5-29-98 1500	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____ Hrs.

Remarks: 4 oz JARS LOT # 42298 @ B-107

print legibly

Custodydera.xls5/22/98

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NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-5 LANDFILL CONT

Samplers Name / Company : MARK LAURA / TVS PWS-007

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals TAL	PEST PCB	ABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
3(a04) 15	M-5(676) B-110-24"	5-29-98	1325	Soil	2	X				X	V00463		
16	" -45"		1330	"		X				X	V00464		
17	" -4.7'		1336	AQ		X							
18	M-5(676) B-111-6.12"		1425	Soil			X	X		X			
19	" -24"		1430	"		X				X	V00465		
20	" -45"		1435	"		X				X	V00466		
21	" -4.7'		1445	AQ		X							

Comments: See pg 1

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Mark Laura	5-29-98 1500	[illegible]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks: See pg 1

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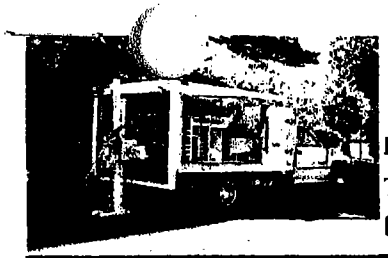

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NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-5 LANDFILL 697 AREA

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments: OVA #2 CAL w/95 PPM METHANE OK (MH)
~~HANA~~ #2 CAL w/58 PPM ~~TOL~~ H Yuma

Lab Sample I.D.		Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals TAL	PESTB	PCBN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
3662	1	TRIP BLANK	6-2-98		METH	1	X					V00467	"	
	2	FIELD BLANK - S.T.		0950	AQ.	2	X						0PPM	2" X 4' SOIL TUBE
	3	" - W		1000	AQ.	2	X						0PPM	1" P.V.C. SCREEN
	4	M-5-(697) B-112-(6-12"		1030	SOIL	2		X	X	X			"	
	5	" - (24"		1045	"		X			X		V00468	"	
	6	" - (94"		1050	"		X			X		V00469	"	
	7	" - (8-11'		1100	AQ		X						"	
	8	M-5(697) B-113 - 6-12"		1320	SOIL			X	X	X			"	
	9	" - (24"		1330	"		X			X		V00470	"	
	10	" - (94"		1340	"		X			X		V00471	"	
	11	" - (8-11'		1350	AQ		X						"	
	12	M-5(697) B-114 - (6-12"		1500	SOIL			X	X	X			"	
	13	" - (24"		1505	"		X			X		V00476	"	
	14	" - (94"		1510	"		X			X		V00477	"	

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Mark Laura	6-2-98 1550	[signature]			
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		[signature]			

Report Type: ( )Full, ( )Reduced, (X)Standard, ( )Screen / non-certified
Turnaround time: (X)Standard 4 wks, ( )Rush ____ Days, ( )ASAP Verbal ____ Hrs.

Remarks:

000049

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NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-5-LANDFILL 697 AREA

Samplers Name / Company : MARK LAURA / TVS PWS-007

Analysis Parameters

Comments:

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	TAL Metals	PEST PCB ABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
3612 15	M-5(697) B-114 8-11'	6-2-98	~~1520~~ MK 1520	AQ	2	X					0 PPM	

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
[signature]	6-2-98 1550	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks:

000050

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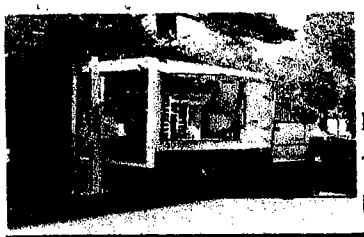

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NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-5-LANDFILL BLDG. 697 AREA

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments: Cal OVA #2 w/ 95 PPM METH; Cal HNU #2 w/ 58 PPM TR. 114 ARO → O.K. (ML)

Lab Sample I.D.		Sample Location	Date	Time	Sample Type	# bottles	VOA+15	TAL Metals	PEST PCB ABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
3616	1	TRIP BLANK	6-3-98		METH.	1	X				VO 0478		
	2	M-5(697)B-115 - 6-12"		0950	SOIL	2		X	X	X		0 PPM	
	3	" - 24"		1000	"		X			X	VO0479	"	
	4	" - 94"		1005	"		X			X	VO0480	"	
	5	" - 8-11'		1015	AQ		X					"	
	6	M-5(697)B-116 - 6-12"		1120	SOIL			X	X	X		"	
	7	" - 24"		1130	"		X			X	VO0481	"	
	8	" - 94"		1135	"		X			X	VO0482	"	
	9	" - 8-11'		1145	AQ		X					"	
	10	M-5(697) B-117 - 6-12"		1320	SOIL			X	X	X	~~VO0483~~ (ML)	"	
	11	" - 24"		1330	"		X			X	VO 0483	"	
	12	" - 76"		1335	"		X			X	VO0484	"	
	13	" - 6.5'-9.5'		1345	AQ	3	X					"	
	14	M-5(697)B-118 - 6-12"		1500	SOIL	2		X	X	X		"	

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Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks:

000051

Fort Monmouth Environmental Testing Laboratory

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NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-5(697) CONT

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments: see pg 1

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	TAL Metals	PEST PCB ABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
3616 15	M-5(697) B-118 - 24"	6-3-98	1505	soil	2	X			X	V00485	0 PPM	
16	" - 79"		1510	"	↓	X			X	V00486	"	
17	" - 6.5-9.5'		1520	AQ	↓	X						

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[signature]	6-3-98 1545	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks:

000052

Fort Monmouth Environmental Testing Laboratory

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NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-5 LANDFILL 697 AREA

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments: Cal OVA #2 w/95 PPM METH.

Lab Sample I.D.		Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals	PESTCB	%SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
3621	1	TRIP BLANK	6-4-98		METH.	1	X				V00487		
	2	M-5(697)B-119-6-12"		1020	SOIL	2		X	X	X		0 PPM	
	3	" -24"		1030	"		X			X	V00488	"	
	4	" -94"		1035	"		X			X	V00489	"	
	5	" -8 11'		1045	AQ		X					"	
	6	M-5(697)B-120 6-12"		1120	SOIL			X	X	X		"	
	7	24"		1130	"		X			X	V00490	"	
	8	94"		1135	"		X			X	V00491	"	
	9	8 11'		1145	AQ		X					"	
	10	M-5(697)B-121-6-12"		1320	SOIL			X	X	X			
	11	" -24"		1330	"		X			X	V00492		
	12	" -94"		1335	"		X			X	V00493		
	13	" -8-11'		1345	AQ		X						
	14	M-5(697)B-122-6-12"		1445	SOIL			X	X	X			

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Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____ Hrs.

Remarks:

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NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-5 (697) AREA CONT.

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments:

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	TAL Metals	PEST PCB ABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
36-21 15	M-5(697) B 122 (MW) 3-24-98 24"	6-4-98	1455	Soil	2	X			X	V00494		
16	" - 94"	↓	1500	"	↓	X			X	V00495		
17	" - 8.11'	↓	1510	AQ	↓	X						

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[signature]	6-4-98 1535	[signature]			
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Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks:

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NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-5 LANDFILL 697 AREA

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments: CAL OVA #2 w/95 PPM METH. (MZ) O.K.

Lab Sample I.D.		Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals	PESTB	PCBN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
3624	1	TRIP BLANK	6-5-98		METH.	1	X					V00496		
	2	FIELD BLANK - S.T.		0905	AQ.	2	X							SOIL TUBE
	3	" - G.W.		0915	"	2	X							1" P.V.C. SCREEN
	4	M-5(697) B-123 - 6-12"		0950	SOIL			X	X	X			0 PPM	
	5	" - 24"		1000	"		X			X		V00497	"	
	6	" - 80"		1005	"		X			X		V00498	"	
	7	" - 7-10'		1015	AQ.		X						"	
	8	M-5(697) B-124 - 6-12"		1120	SOIL			X	X	X		~~V00499~~ (MC)	"	
	9	" - 24"		1130	"		X			X		V00499	"	
	10	" - 80"		1135	"		X			X		V00500	"	
	11	" - 7-10'		1145	AQ.		X						"	
	12	M-5(697) B-125 - 6-12"		1315	SOIL			X	X	X				
	13	24"		1325	"		X			X		V00501		
	14	80"		1330	"		X			X		V00502		

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Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____ Hrs.

Remarks: VOA 40 ml - LOT # 51998

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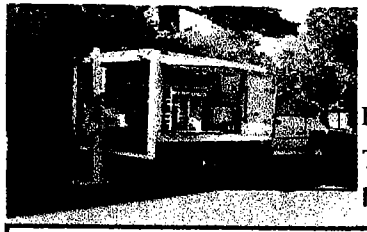

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NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-5 LANDFILL 697 AREA

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments: see pg. 1

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals TAL	PESTPCB ABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
3624 15	M-5 (697) B-125 7-10'	6-5-98	1345	AQ.	2	X						
16	FIELD DUP. - 6-12"	↓	X	SOIL	↓		X	X	X			
17	" - 24"	↓	X	"	↓	X			X	V00503		
18	" - 80"	↓	X	"	↓	X			X	V00504		
19	" - 7-10'	↓	X	AQ	2	X						

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[signature]	6-5-98 1435	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: ( )Full, ( )Reduced, (X)Standard, ( )Screen / non-certified
Turnaround time: (X)Standard 4 wks, ( )Rush ____ Days, ( )ASAP Verbal ____ Hrs.

Remarks: see pg. #1

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Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-3484 EMail:appleby@doim6.monmouth.army.mil

NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-5 LANDFILL 697 AREA

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments: Cal #2 OVA w/ 95 PPM - METH CAL ME

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals	PESTPCB	ABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
3630 1	TRIP BLANK	6-8 98		METH.	1	X					V00505		
2	M-5(697) B-126-6-12"		1020	SOIL	2		X	X	X			0 PPM	
3	" - 24"		1030	"		X			X		V00506	"	
4	" - 118"		1040	"		X			X		V00507	"	
5	" - 10-13'		1050	AQ.		X						"	HCL
6	M-5(697) B-127-6-12"		1105	SOIL			X	X	X			"	
7	" - 24"		1115	"		X			X		V00508	"	
8	" - 94"		1120	"		X			X		V00509	"	
9	" - 8-10'		1130	AQ		X						"	HCL
10	M-5(697) B-128-6-12"		1310	SOIL			X	X	X			"	
11	" - 24"		1315	"		X			X		V00510	"	
12	" - 94"		1320	"		X			X		V00511	"	
13	" - 8-10'		1330	AQ		X						"	HCL
14	M-5(697) B-129-6-12"		1430	SOIL			X	X	X				

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[signature]	6-9-98 730	J. Vergara			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: ( )Full, ( )Reduced, (X)Standard, ( )Screen / non-certified
Turnaround time: (X)Standard 4 wks, ( )Rush ____ Days, ( )ASAP Verbal ____ Hrs.

Remarks: 2 oz LOT # 52892 @ B-127

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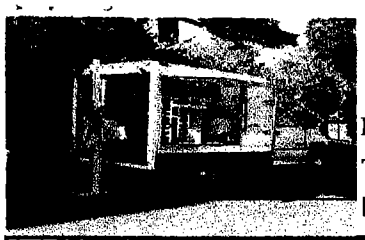

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NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-5 LANDFILL 697 AREA CONT.

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments: see pg. 1

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals	PESTCB	PABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
3630 15	M-5(697)B-129-(24"	6-8-98	1442	soil	2	X				X	V00512	0 ppm	~~HCL~~
16	" -(82"		1448	"	"	X				X	V00513	"	
17	" -7-10'		1455	AQ.	3	X						"	HCL
18	M-5(697)B-130-6-12"		1542	soil	2		X	X	X			"	
19	" - 24"		1555	"		X				X	V00514	"	
20	" - 82"		1600	"		X				X	V00515	"	
21	" - 7-10'		1610	AQ		X						"	HCL
22	M-5(697)B-131-6-12"		1705	soil			X	X	X			"	
23	- 24"		1715	"		X				X	V00516	"	
24	- 82"		1720	"		X				X	V00517	"	
25	- 7-10'		1730	AQ		X						"	HCL
26	M-5(697)B-132-6-12"		1745	soil			X	X	X				
27	" 24"		1755	"		X					V00518		
28	" 82"		1800	"		X					V00519		

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M[illegible]	6998 730	J. [illegible]			
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Report Type: ( )Full, ( )Reduced, (X)Standard, ( )Screen / non-certified
Turnaround time: (X)Standard 4 wks, ( )Rush ____ Days, ( )ASAP Verbal ____Hrs.

Remarks: see pg. 1

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Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-5 LANDFILL 697 AREA CONT.

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments: See pg. 1

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals TAL	PEST PCB	ABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
3630.29	M-5 (697) B132-7-10'	6-8-98	1810	AQ		X							HCL

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Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____ Hrs.

Remarks: see pg. 1

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Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-5 LANDFILL 697 AREA

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments: Cal #2 OVA w/ 95 PPM METH. O.K.

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	TAL Metals	PEST PCB ABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
3633 1	TRIP BLANK	6-9-98		METH	1	X				VO 0520		
2	FIELD BLANK S.T.		0955	AQ	2	X						TAKEN FROM 2"X4' SOIL TUBE (HCL
3	FIELD BLANK G.W.		1005	"		X						TAKEN FROM 1"X5' P.V.C SCREEN (HCL
4	M-5(697)B-133 - 6-12"		1030	SOIL			X	X	X		0 PPM	
5	" - 24"		1045	"		X			X	VO0521	"	
6	" - 94"		1100	"		X			X	VO0522	"	
7	" - 8-10'		1115	AQ.		X					"	HCL
8	M-5(697)B-134 - 6-12"		1335	SOIL			X	X	X		"	
9	- 24"		1345	"		X			X	VO0523	"	
10	- 82"		1350	"		X			X	VO0524	.04 PPM	
11	- 7-10'		1400	AQ		X					.02 PPM	HCL
12	M-5(697)B-135 - 6-12"		1430	SOIL			X	X	X		0 PPM	
13	" - 24"		1440	"		X			X	VO0525	"	
14	" - 70"		1445	"		X			X	VO0526	"	

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Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks:

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Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-5 LANDFILL 697 AREA >CONT.

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments: see pg. 1

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals	PEST PCB PAB N	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
36633.15	M-5 (697) B-135-6-9'	6-9-98	1455	AQ.	2	X					0 PPM	HCL
16	M-5 (697) B-136-6-12"		1530	SOIL			X	X	X		"	
17	" -24"		1535	"		X			X	V00527	"	
18	" -94"		1540	"		X			X	V00528	.04 PPM	
19	" -8-11'		1550	AQ.		X					0 PPM	HCL
20	M-5 (697) B-137-6-12"		1625	SOIL			X	X	X		"	
21	-24"		1635	"		X			X	V00529	"	
22	-118"		1640	"		X			X	V00530	"	
23	-10-13'		1650	AQ.		X					"	HCL
24	M-5 (697) B138-6-12"		1745	SOIL			X	X	X		"	
25	" -24"		1800	"		X			X	V00531	"	
26	" -118"		1805	"		X			X	V00532	"	
27	" -10-13'		1812	AQ		X					"	HCL

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[signature]	6-10-98 0730	[signature]			
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Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks:

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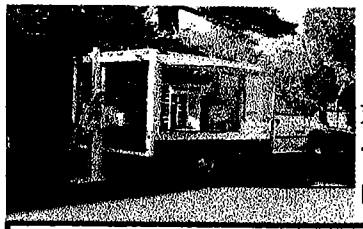

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NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-5 LANDFILL 697 AREA

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments: Cal #2 OVA w/95 PPM METH. O.K.

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	TAL Metals	PEST PCB ABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
3642 1	TRIP BLANK	6-10-98	–	METH	1	X				V00533		
2	M-5(697) B139-6-12"		1300	SOIL	2		X	X	X		0 PPM	
3	-24"		1310	"		X			X	V00534	1 PPM	
4	-82"		1320	"		X			X	V00535	90 PPM	
5	-7-10'		1325	AQ.		X					0 PPM	HCL
6	M-5(697) B-140-6-12"		1415	SOIL			X	X	X		"	
7	-24"		1435	"		X			X	V00536	"	
8	-80"		1445	"		X			X	V00537	"	
9	-7-10'		1458	AQ.		X					"	HCL
10	M-5(697) B-141-6-12"		1540	SOIL			X	X	X		"	
11	" -24"		1545	"		X			X	V00538	"	
12	" -80"		1550	"		X			X	V00539	"	
13	" -7-10'		1600	AQ.		X					"	HCL
14	M-5(697) B-142-6-12"		1645	SOIL			X	X	X		"	

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[signature]	6-11-98 730	[signature]			
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Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks: 2 OZ. JARS-LOT # 52898 @ B# 140

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NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location M5 Landfill (697) Area

Samplers Name / Company : MARK LAURA / TVS PWS-007

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals TAL	PEST PCB	ABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
36042 15	M-5(697) B-142-24"	6-10-98	1655	Soil	2	X				X	V00540	0 PPM	
16	" - 80"		1710	"		X				X	V00541	"	
17	" - 7-10'		1720	AQ.		X							HCL
18	FIELD DUP. 6-12" ~~24"~~ (MD)			SOIL			X	X		X			
19	" - 24"			"		X				X	V00~~540~~ (MD) 556		
20	" - 80"			"		X				X	V00~~541~~ (MD) 557		
21	" - 7-10'			AQ.		X							

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Mark Laura	6-11-98 730	J. Vergara			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____ Hrs.

Remarks:

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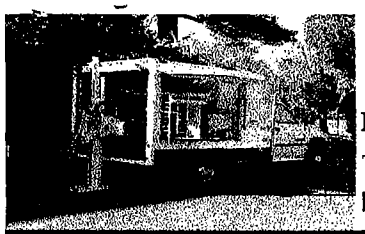

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Chain of Custody Record

9

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-5 LANDFILL 697 AREA

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments:
Cal. #2 HNU w/ 58 PPM TRACE HYDRO. O.K. (ML)
Cal. #2 OVA w/ 45 PPM METHANE O.K. (ML)

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	TAL Metals	PEST PCB ABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
3646 1	TRIP BLANK	6-11-98		METH.	1	X				VO 0542	—	
2	FIELD BLANK S.T.		0920	AQ.	2	X					—	HCL
3	FIELD BLANK G.W.		0930	AQ.	2	X					—	HCL
4	M-5(697)B-143 - 6-12"		1008	SOIL			X	X	X		0 PPM	
5	" - 24"		1015	"		X			X	VO0543	"	
6	" - 94"		1020	"		X			X	VO0554	"	
7	" - 8-11'		1030	AQ.		X					"	HCL
8	M-5(697)B-144 - 6-12"		1120	SOIL			X	X	X		"	
9	" - 24"		1130	"		X			X	VO0555	"	
10	" - 94"		1140	"		X			X	VO0562	"	
11	" - 8-11'		1150	AQ.		X					"	HCL
12	M-5(697)B-145 - 6-12"		1330	SOIL			X	X	X		"	
13	- 24"		1340	"		X			X	VO0563	"	
14	- 82"		1350	"		X			X	VO0564	"	

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[signature]	6-11-98 1545	J. Vergara			
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Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks:

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Chain of Custody Record

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Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-5 LANDFILL 697 AREA

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments: see pg. 1

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals TAL	PEST PCB	ABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
36465 15	M-5(697) B-145 6-5-98	6-11-98	1400	AQ.	2	X						0 ppm	HCL
16	M-5(697) B-146 6-12"		1450	SOIL			X	X		X			
17	" - 24"		1500	"		X				X	V00565		
18	" - 84"		1510	"		X				X	V00566		
19	" - 7-10'		1515	AQ.	3	X							HCL

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Mark Laura	6-11-98 1545	J. Vergura			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks:

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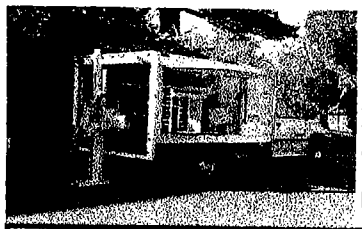

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Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-5 LANDFILL 697 AREA

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments: Cal - HNU #2 w/ ISOBUTYLENE 100 PPM O.K. (ML) NO OVA ON-SITE

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	TAL Metals	PEST PCB ABN	% SOLID	VOA ID NUMBER	HNU ~~OVA~~	Remarks / Preservation Method
3651 1	TRIP BLANK	6-15-98		METH.	1	X				V00567		
2	M-5(697)B-147-6-12"		0945	SOIL	2		X	X	X		0PPM	
3	-24"		0955	"		X			X	V00568	"	
4	-82"		1005	"		X			X	V00569	"	
5	-7-10'		1015	AQ.		X					"	HCL
6	M-5(697)B-148-6-12"		1130	SOIL			X	X	X		"	
7	" -24"		1140	"		X			X	V00570	"	
8	" -82"		1145	"		X			X	V00571	"	
9	" -7-10'		1155	AQ.		X					"	HCL
10	M-5(697)B-149-6-12"		1415	SOIL			X	X	X		"	
11	" -24"		1420	"		X			X	V00572	"	
12	" -94" (ML) 6/15/98		1430	"		X			X	V00573	"	
13	" 8-11' (ML) 6/15/98		1440	AQ.		X					"	
(ML) 6-15-98 14	M-5(697)B-150-6-12			SOIL			X	X	X			

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[signature]	6-15-98 1530	J. Verfeuch			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks:

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Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:

Project No: IJN 98-0211
Location: M-5 LANDFILL 697 AREA

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments: Cal HNu #2 w/ 100 PPM C4Hs/Air O.K. [signature] No OVA ON-SITE

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	TAL Metals	PEST PCB ABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
3658 1	TRIP BLANK	6-16-98	—	METH	1	X				V00574		
2	M-5(697)B 150-6-12"		0930	SOIL	2		X	X	X		0 PPM	
3	" -24"		0940	"	"	X			X	V00575	"	
4	" -76"		0950	"	"	X			X	V00576	"	
5	" -6.5-9.5'		1000	AQ.	3	X					"	HCL
6	M-5(697)B 151-6-12"		1100	SOIL	2		X	X	X		"	
7	" -24"		1110	"	2	X			X	V00577	"	
8	" -83"		1115	"	2	X			X	V00578	"	
9	" -7-10'		1130	AQ.	2	X					"	HCL
10	M-5(697)B 152-6-12"		1250	SOIL	2		X	X	X			
11	" -24"		1255	"	"	X			X	V00579		
12	" -83"		1300	"	"	X			X	V00580		
13	" -7-10'		1310	AQ.	3	X						HCL
14	M-5(697)B-153-6-12"		1405	SOIL	2		X	X	X			

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
[signature]	6-17-98 730	J. Vergara			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks:

000067

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Fort Monmouth Environmental Testing Laboratory

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Tel (732)532-4359 Fax (732)532-3484 EMail:appleby@doim6.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-5 LANDFILL 697 AREA

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments: see pg 1

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals TAL	PEST PCB	ABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
3658 15	M-5 (697) B-153-24"	6-16-98	1410	Soil	2	X				X	V00581	0 PPM	
16	" - 94"		1420	"	"	X				X	V00582	"	
17	" - 8-11'		1430	AQ.	"	X						"	HCL
18	M-5 (697) B-154-6-12'		1505	Soil	2		X	X		X		"	
19	" - 24"		1515	"	"	X				X	V00583	"	
20	" - 94"		1520	"	"	X				X	V00584	"	
21	" - 8-11'		1530	AQ.	"	X						"	HCL
22	M-5 (697) B-155-6-12"		1710	Soil	2		X	X		X		"	
23	" - 24"		1720	"	"	X				X	V00585	"	
24	" - 82"		1725	"	"	X				X	V00586	"	
25	" - 7-10'		1735	AQ.	"	X						"	HCL

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
[signature]	6/17/98 730	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks:

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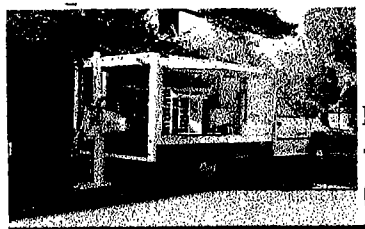

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NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-5 LANDFILL 678 + MAIN LANDFILL AREAS

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments: Cal HNU #2 w/ 100 ppm - Isobutylene Oil ML NO OVA-CN SITE

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	TAL Metals	PEST PCB ABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
3665. 1	TRIP BLANK	6-17-98	—	METH.	1	X				V00587		
2	FIELD BLANK S.T.		1010	AQ.	2	X					HCL	TAKEN FROM GEOPROBE SOIL TUBE 2"x4'
3	" - G.W.		1020	"	2	X					HCL	TAKEN FROM 1" x 5' P.V.C. SCREEN
4	M-5(678)B-156-6-12"		1045	SOIL	↓		X	X	X		0 PPM	
5	" - 24"		1055	"		X			X	V00588	"	
6	" - 82"		1105	"		X			X	V00589	"	
7	" - 7-10'		1115	AQ.	3	X					"	HCL
8	M-5(678) B-157-6-12"		1240	SOIL			X	X	X		"	
9	" - 24"		1248	"		X			X	V00590	"	
10	" - 74"		1255	"		X			X	V00591	"	
11	" - 6.5-9.5'		1305	AQ.		X					"	
12	M-5-B-158-6-12"		1505	SOIL			X	X	X			
13	- 24"		1510			X			X	V00592		
14	- 30"		1520			X			X	V00593		

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	6-18-98 730	J. Vergara			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks:

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Fort Monmouth Environmental Testing Laboratory

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NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-5 LANDFILL

Comments: see pg. 1

Samplers Name / Company : MARK LAURA / TVS PWS-007

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	TAL Metals	PEST PCB ABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
3665 15	M-5-B-158 2.5-5.5'	6-17-98	1530	AQ.	2	X					0 PPM	HCL
16	M-5-B-159 - 6-12"		1615	SOIL	"		X	X	X		"	
17	" - 24"		1620	"	"	X			X	V00594	"	
18	" - 2-5'		1630	AQ.	3	X					"	
19	M-5-B-160 - 6-12"		1700	SOIL			X	X	X		"	
20	" - 24"		1710	"		X			X	V00595	.04 PPM	
21	" - 2-5'		1715	AQ		X					0 PPM	
22	M-5B ~~160~~ 161 - 6-12"		1755	SOIL			X	X	X		"	
23	" - 24"		1805	"		X			X	V00596	"	
24	" - 2-5'		1815	AQ.		X					"	
25	FIELD DUP - 6-12"		—	SOIL			X	X	X		"	
26	" - 24"		—	"		X			X	V00605	"	
27	" - 2-5'		—	AQ.		X					"	

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	6-18-98 730	J. Verguero			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks:

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Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-5 LANDFILL

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments: Cal. HNu #2 w/100 PPM ISOBUTYLENE O.K. (ML)

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals	PESTCB	ABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
3686 1	TRIP BLANK	6-26-98		METH.	1	X					V00598		
2	FIELD BLANK - S.T.		0830	AQ.	2	X	~~X~~ ML 6-26	~~X~~					
3	" " - G.W.		0839	AQ.	2	X	~~X~~ ML 6-26	~~X~~					
4	M-5-B-162 - 6-12"		1140	SOIL	2		X	X		X		0 PPM	
5	" " - 17"		1145	"	2	X				X	V00597 ~~V00596~~ ML 6-26-98	"	
6	" " - 18-54"		1158	AQ.	2	X						"	HCL
7	M-5-B-163 - 6-12"		1315	SOIL	2		X	X		X		"	
8	" - 19"		1330	"	2	X				X	V00599	"	
9	" - 20-56"		1345	AQ.	2	X						"	HCL
10	M-5-B-164 - 6-12		1425	SOIL	2		X	X		X		"	
11	" - 24"		1430	"	2	X				X	V00600	"	
12	" - 36"		1440	"	2	X				X	V00601	"	
13 ~~14~~ (ML 6-26-98)	" - 36"-72"		1450	AQ	2	X						"	HCL

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[signature]	3-26-98 1530	[signature]			
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Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks:

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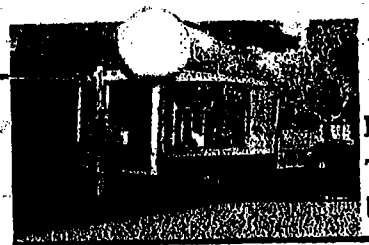

Fort Monmouth Environmental Testing Laboratory

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NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-5 LANDFILL

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments: Cal. HNU #2 - w/100 PPM ISOBUTYLENE ok. ML NO OVA

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals TAL	PEST PCB PAN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
31688 1	TRIP BLANK	6-29-98		METH	1	X				V00602		
2	M-5-B-165 - 6-12"		1035	SOIL	2		X	X	X		0PPM	
3	" - 24"		1045	"	1	X			X	V00603	"	
4	" 35" - ~~38"~~ ML		1050	"		X			X	V00604	"	
5	" - 3-6'		1100	AQ.		X					"	HCL
6	M-5-B-166 - 6-12		1127	SOIL			X	X	X		"	
7	" - 24"		1135	"		X			X	V00620	"	
8	" - 26"-50"		1145	AQ.		X					"	HCL
9	M-5-B-167 - 6-12"		1310	SOIL			X	X	X		"	
10	" - 24"		1315	"		X			X	V00621	"	
11	" - 26-50"		1320	AQ		X					"	HCL
12	M-5-B-168 - 6-12"		1335	SOIL			X	X	X			
13	" - 24"		1345	"		X			X	V00622		
14	" - 26-50"		1355	AQ		X						HCL

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Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks: LOT #52868 @ B-165 - 2 oz.

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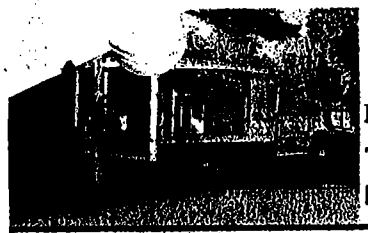
Custodydera6/15/98



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NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-5-LANDFILL

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments: see pg. 1

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals TAL	PESTICIDES	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
36888 15	M-5-B-169-6-12"	6-29-98	1440	soil	2		X	X	X		0 PPM	
16	" -24"	↓	1450	"	↓	X			X	V00623	"	HCl
17	" -26-50"	↓	1500	"	↓	X					"	HCl

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[signature]	6-29-98 1530	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks: see pg. 1

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Custodydera6/15/98

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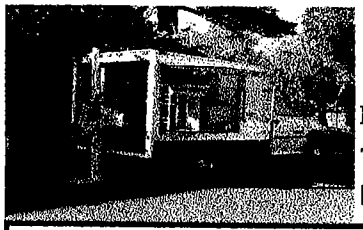

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NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-5 LANDFILL 682 AREA

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments: Cal #2 HNU w/100 ppm ISOBUTYLENE

Analysis Parameters

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals TAL	PEST PCB	ABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
3697. 1	TRIP BLANK	7-6-98	—	METH.	1	X					V00627	—	
2	M-5(682) B-170-6-12"		1050	SOIL	2		X	X		X		0 PPM	
3	" -24"		1100	"		X				X	V00628	"	
4	" -47"		1105	"		X				X	V00629	"	
5	" -4-7'		1110	AQ.		X						"	HCL
6	M-5(682) B-171-6-12"		1135	SOIL			X	X		X		"	
7	" -24"		1145	"		X				X	V00630	"	
8	" -58"		1150	"		X				X	V00631	"	
9	" -5-8'		1155	AQ.		X						"	HCL
10	M-5(682) B-172-6-12"		1310	SOIL			X	X		X		"	
11	" -24"		1315	"		X				X	V00632	"	
12	" -58"		1320	"		X				X	V00633	"	
13	" -5-8' ~~6-12~~ (ML)		1330	AQ.		X						"	HCL
14	M-5(682) B-173-6-12"		1405	SOIL			X	X		X		"	

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[signature]	7-6-98 1445	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____ Hrs.

Remarks: 4 oz. JARS LOT #-32798
2 oz. " " #-52898

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Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location:

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments: see Pg. 1

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals TAL	PEST PCB	ABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
3697 15	M-5(682) B-173 - 24"	7-6-98	1410	soil	2	X				X	V00634		
16	" - 58"	↓	1415	"	↓	X				X	V00635		
17	" - 5-8'	↓	1420	AQ.	↓	X							

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[signature]	7-6-98 1445	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks: see Pg. 1

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NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-5 LANDFILL

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments: HNU #2 CAL @ 100 PPM ISOBUTYLENE O.K. ML

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals TAL	PESTPCB ABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
3714 1	TRIP BLANK	7-9-98		METH.	1			7.4 ML		V00636		
2	FIELD BLANK-S.T.		1340	AQ.	2	X	~~X~~	~~X~~				HCL
3	" " -G.W.		1345	"		X						HCL
4	M-5-682-B-174-6-12"		1400	SOIL			X	X	X		0 PPM	
5	" - 24"		1410	"		X			X	V00637	"	
6	" - 45"		1415	"		X			X	V00638	"	
7	" - 4-7		1425	AQ.		X					"	HCL
8	M-5 682-B-175- 6-12"		1500	SOIL			X	X	X		"	
9	" - 24"		1510	"		X			X	V00639	"	
10	" - 47"		1515	"		X			X	V00640	"	
11	" - 4-7'		1525	AQ.		X					"	HCL

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[signature]	7-9-98 1540	J. [signature]			
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Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks:

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Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-5 LANDFILL (676 + MAIN LANDFILL)

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments: Cal #2 HNA @ 100 PPM w/ISOBUTYLENE

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	TAL Metals	PEST PCB ABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
3722 1	TRIP BLANK	7-13-98	—	METH	1	X				V00649		
2	FIELD BLANK-S.T.		0850	AQ.	2	X						HCL
3	" " -G.W.		0900	"		X						"
4	M-5(676)B-176 0-6"		0935	SOIL			X	X	X		0 PPM	
5	" -24"		0940	"		X			X	V00650	"	
6	" -83"		0950	"		X			X	V00651	"	
7	" -7-10'		1000	AQ		X					"	HCL
8	M-5(676)B-177 - 0-6"		1040	SOIL			X	X	X		"	
9	" -24"		1050	"		X			X	V00652	"	
10	" -83"		1100	"		X			X	V00653	"	
11	" -7-10'		1110	AQ.		X					"	HCL
12	M-5-B-178 -6-12		1345	SOIL			X	X	X		"	
13	" - ~~24" 30"~~ (M)		1350	"		X			X	V00654	"	
14	" - ~~30~~ 25.55' (M)		1400	AQ.		X					"	HCL

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[signature]	7-13-98 1610	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks:

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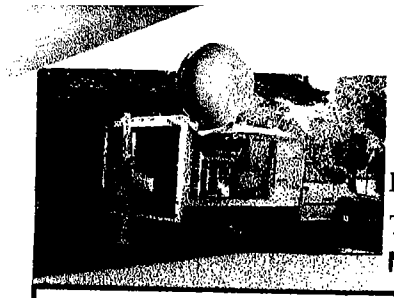
Custodydera6/15/98



Fort Monmouth Environmental Testing Laboratory

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Tel (732)532-4359 Fax (732)532-3484 EMail:appleby@doim6.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-S LANDFILL

Samplers Name / Company : MARK LAURA / TVS PWS-007

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals TAL	PEST PCB	ABN % SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
3722 15	M-S-B-179 - 6-12"	7-13-98	1415	soil	2		X	X	X			
16	" - 24"		1425	"		X			X	V00655		
17	" - 25.5.5'		1435	AQ.		X						HCL
18	M-S-B 180 - 6-12"		1510	soil			X	X	X			
19	" - 24"		1515	"		X			X	V00656		
20	" - 25.5.5'		1525	AQ		X						HCL
21	M-S-B 181 - 6-12"		1540	soil			X	X	X			
22	" - 24"		1545	"		X			X	V00657		
23	" - 25.5.5'		1555	AQ.		X						HCL
24	FIELD DUP - 6-12"		-	soil			X	X	X			
25	" - 24"		-	"		X			X	V00659		
26	" - 25.5.5'		-	AQ.		X						HCL

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Matthew	7-13-98 1610	[illegible]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____ Hrs.

Remarks:

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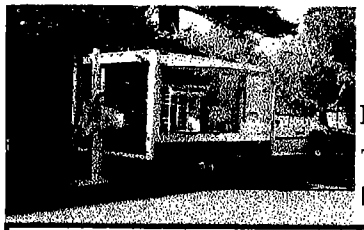

Fort Monmouth Environmental Testing Laboratory

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NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-5 LANDFILL 682 AREA

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments: Cal. HNU #2 w/ISOBUTYLENE @ 100 PPM OK - ML

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	TAL Metals	PEST PCB ABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
3790, 1	TRIP BLANK	8-6-98		METH.	1	X				V00797		
2	M-5(682) B-182 6-12"		1110	SOIL	2		X	X	X		0 PPM	<4°C
3	" 24"		1115	"	2	X			X	V00798	"	↓
4	" 73"		1125	"	"	X			X	V00799	"	↓
5	" 6-8"		1135	AQ	"	X					"	HCL
6	M-5(682) B-183 6-12"		1300	SOIL	"		X	X	X		"	<4°C
7	" 24"		1310	"	"	X			X	V00800	"	↓
8	" 73"		1315	"	"	X			X	V00801	"	↓
9	" 6-8"		1325	AQ	"	X					"	HCL
10	M-5(682) B-184 6-12"		1415	SOIL	"		X	X	X		"	<4°C
11	" 24"		1420	"	"	X			X	V00802	"	↓
12	" 78"		1430	"	"	X			X	V00803	"	↓
13	" 6-8"		1440	AQ	"	X					"	HCL
14	M-5(682) B-185 6-12"		1515	SOIL	"		X	X	X		"	

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Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks: 2 oz. JARS LOT # - 052898
4 oz. " " - 072398

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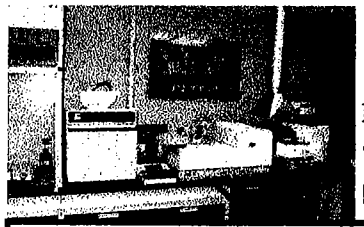

Fort Monmouth Environmental Testing Laboratory

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NJDEP Certification #13461

Chain of Custody Record

Customer: JOSEPH FALLON
Phone #: X26623
(✓)DERA ( )OMA ( )Other:_____

Project No:
Location: M-5 LANDFILL 682 AREA

Samplers Name / Company: MARK LAURA / TVS PWS 007

Comments: see pg. 1

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA + 15	TAL METALS	PEST PCB BNA	% SOLID		HNU			Remarks / Preservation Method
3790.15	M-5(682)B-185 24"	8-6-98	1520	SOIL	2	X			X	ML	0ppm			V00804 <4°C
16	" - 73"	↓	1530	"	"	X			X		"			V00805 ↓
17	" - 6-8'	↓	1540	AQ	"	X					"			HCL

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[signature]	8-6-98 1600	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (_)Standard, (_)Screen / non-certified
Turnaround time: (_)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks: see pg. 1

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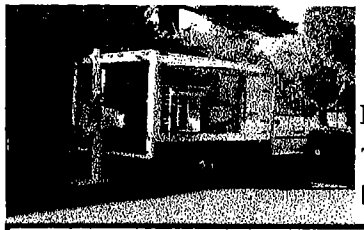

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NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-5 LANDFILL 682 + 676 AREA

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments: Cal. HNU #2 w/ISOBUTY LENE @ 100 PPM O.K. (ML)

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals TAL	PESTPCB ABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
3791 .01	TRIP BLANK	8-7-98		MATH.	1	X				VOO 806		
.02	M-5(682)B-186 6-12"		0900	SOIL	2		X	X	X		0 PPM	24°C
.03	" 24"		0910	"	"	X			X	VOO 807	"	
.04	" 73"		0915	"	"	X			X	VOO 808	"	
.05	" 6.5-9.5'		0925	AQ.	"	X					"	HCL
.06	M-5(682)B-187 6-12"		1015	SOIL	"		X	X	X		"	24°C
.07	" 24"		1020	"	"	X			X	VOO 809	"	
.08	" 80"		1025	"	"	X			X	VOO810	"	
.09	" 6.5-9.5'		1035	AQ.	"	X					"	HCL
.10	M-5(676)B-188 6-12"		1115	SOIL	"		X	X	X			24°C
.11	" 24"		1125	"	"	X			X	VOO811		
.12	"		1130	"	"	X			X	VOO812		
.13	"		1200	AQ.	4	X						HCL

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Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks:

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Page 1 of 2 [signature] 8/7/98

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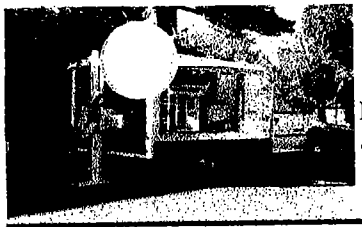

Fort Monmouth Envi nmental Testing Laboratory

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NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-S LANDFILL BLDG. 676

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments: Cal HNU #2 w/ ISOBUTYLENE @ 100 PPM OK. (MW)

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals TAL	PEST PCB ABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
3797 1	TRIP BLANK	8-10-98		METH.	1	X				V00813		<4°C
2	FIELD BLANK S.T.		0920	AQ.	2	X						TAKEN FROM 2"x4' SOIL TUBE
3	" " G.W.		0925	"	"	X						TAKEN FROM 1" P.V.C SCREEN
4	M5(676)B189 6-12"		1010	SOIL	"		X	X	X		0 PPM	<4°C
5	" 24"		1015	"	"	X			X	V00814	"	↓
6	" 78"		[illegible]	"	"	X			X	V00815	"	↓
7	" 6.5-9.5'		1025	AQ	"	X					"	HCL
8	M5(676)B190 6-12"		1140	SOIL	"		X	X	X		"	<4°C.
9	" 24"		1145	"		X			X	V00816	"	↓
10	" 78'		1150	"	"	X			X	V00817	"	↓
11	" 6.5-9.5'		1200	AQ	"	X					"	HCL
12	M5(676)B191 6-12"		1315	SOIL	"		X	X	X		"	<4°C
13	24"		1320	"	"	X			X	V00818	"	↓
14	78"		1330	"	"	X			X	V00819	"	↓

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[signature]	8-10-98 1600	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____ Hrs.

Remarks:

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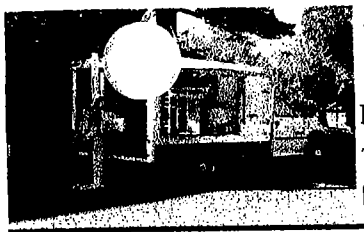

Fort Monmouth Envi nmental Testing Laboratory

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NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-S LandFill BLDG 676

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments: see pg. 1

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals	PESTB	PCBN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
3797 15	M-S(676)B191 6.5-9.5'	5 19 98	1340	AG	2	X						OVA	HCL
16	M-S(676)B192 6-12"		1415	SOIL			X	X		X		"	<4°C
17	" 24"		1420	"		X				X	V00820	"	↓
18	" 78"		1430	"		X				X	V00821	"	
19	" 6.5-9.5'		1440	AG		X						"	HCL
20	M-S(677)B193 6-12"		1505	SOIL			X	X		X		"	<4°
21	" 24"		1515	"		X				X	V00822	"	↓
22	" 36"		1520	"		X				X	V00823	"	
23	" 3-6'		1540	AG		X						"	HCL

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Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____ Hrs.

Remarks:

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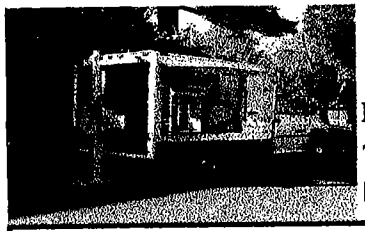

Fort Monmouth Environmental Testing Laboratory

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NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-5 LANDFILL 697 AREA *

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments: HNU #2 O.K. (ML)

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals TAL	PEST PCB	ABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
3893 1	TRIP BLANK	8-11-98	—	MEOH.	1	X					V00826	—	<4°C
2	M-5(697) B-194 6-12"		1315	SOIL	2		X	X		X		PPM	
3	" 24"		1320	"		X				X	V00827	"	
4	" 72"		1325	"		X				X	V00828	"	
5	" 65-9.5'		1335	AQ.		X						"	HCL
6	M-5(697) B-195 6-12"		1410	SOIL			X	X		X		"	<4°C
7	" 24"		1420	"		X				X	V00829	"	
8	" 82"		1425	"		X				X	V00830	"	
9	" 7-10'		1435	AQ.		X						"	HCL
10	M-5(697) B-196 6-12"		1515	SOIL			X	X		X		"	<4°C
11	" 24"		1520	"		X				X	V00831	"	
12	" 82"		1525	"		X				X	V00832	"	
13	" 7-10'		1535	AQ.		X						"	HCL

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Mark Laura	8-11-98 1600	J Homer			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks: * BORINGS IN M-8 LANDFILL AREA - RELATES TO SAMPLE RESULTS - M-5 697 AREA

000084

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Fort Monmouth Environmental Testing Laboratory

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NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-5 LANDFILL MAIN LANDFILL

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments: Cal #2 HNU O.K. (ML)

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals	PEST PCB ABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
3805. 1	TRIP BLANK	8-12-98	—	METH.	1	X				V00837		<4°C
2	M-5-197 6-12"		0935	SOIL	2		X	X	X			
3	" 24"		0940			X			X	V00838		
4	M-5-198 6-12"		0957				X	X	X			
5	" 24"		0955			X			X	V00839		
6	M-5-199 6-12"		1012				X	X	X			
7	" 24"		1015			X			X	V00840		
8	M-5-200 6-12"		1035				X	X	X			
9	" 24"		1040			X			X	V00841		
10	M-5-201 6-12"		1105				X	X	X			
11	" 24"		1110			X			X	V00842		
12	M-5-202 6-12"		1132				X	X	X			
13	" 24"		1137			X			X	V00843		
14	M-5-203 6-12"		1259				X	X	X			

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Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks: LOT #042298 - 2 oz. JARS
LOT #072398 - 4 oz JARS

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Fort Monmouth Environmental Testing Laboratory

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Tel (732)532-4359 Fax (732)532-3484 EMail:appleby@doim6.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-5 LANDFILL
MAIN LANDFILL

Samplers Name / Company : MARK LAURA / TVS PWS-007

Analysis Parameters

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals	PEST PCB	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
3805 15	M-5-203 24"	8-12-98	1302	soil	2	X			X	V00844	0ppm	4°C
16	M-5-204 6-12"		1317				X	X	X		"	
17	" 24"		1320			X			X	V00845	"	
18	M-5-205 6-12"		1334				X	X	X		"	
19	" 24"		1338			X			X	V00846	"	
20	M-5-206 6-12"		1350				X	X	X		"	
21	" 24"		1355			X			X	V00847	"	
22	M-5-207 6-12"		1429				X	X	X		"	
23	" 24"		14:14 ~~1435~~			X			X	V00848	"	
24	M-5-208 6-12"		1429				X	X	X		"	
25	" 24"		1437			X			X	V00849	"	
26	M-5-209 6-12"		1453				X	X	X		"	
27	" 24"		1505			X			X	V00850	"	
28	M-5-210 6-12"		1514				X	X	X		"	

Comments: see pg. 1

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[signature]	8-12-98 1600	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks: see pg. 1

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Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-3484 EMail:appleby@doim6.monmouth.army.mil

NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-5 Land Fill
Main Land Fill

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments: see pg. 1

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals	PEST PCB ABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
3805 29	M-5-210 24"	8-12-98	1520	soil	2	X			X	V00851	0 PPM	<4°C
30	M-5-211 6-12"	↓	1530		↓		X	X	X		"	↓
31	" 24"	↓	1540		↓	X			X	V00852	"	↓
32	Field Dup 6-12"	↓	—		2		X	X	X			
33	" 24"	↓	—		1	X			X	(V00855)		

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[signature]	8-12-98 1600	J. Vergara			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks: see pg. 1

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NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-5 LANDFILL

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments: Cal HNU #2 o.k. (MLL)

Analysis Parameters

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals TAL	PEST PCB PAH	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
3809. 1	TRIP BLANK	8-13-98		METH.	1	X				V00853	0 PPM	<4°C
2	M-5-212 6-12"		1044	SOIL	2		X	X	X		"	
3	" 24"		1048			X			X	V00854	"	
4	M-5-213 6-12"		1108				X	X	X		"	
5	" 24"		1113			X			X	V00856	"	
6	M-5-214 6-12"		1125				X	X	X		"	
7	" 24"		1128			X			X	V00857	"	
8	M-5-215 6-12"		1150				X	X	X		"	
9	" 24"		1155			X			X	V00858	"	
10	M-5-216 6-12"		1306				X	X	X		"	
11	" 24"		1310			X			X	V00859	"	
12	M-5-217 6-12"		1320				X	X	X		"	
13	" 24"		1325			X			X	V00860	"	
14	M-5-218 6-12"		1345				X	X	X		"	

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[signature]	8-13-98 1605	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks:

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NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-5 LANDFILL

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments: see pg. 1

Analysis Parameters

Lab Sample I.D.		Sample Location		Date	Time	Sample Type	# bottles	VOA+15	Metals	PEST PCB	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
3809	15	M-5-218	24"	8-13-98	1350	soil	2	X			X	V00861	ppm	
	16	M-5-219	6-12"		1406				X	X	X		"	
	17	"	24"		1410			X			X	V00862	"	
	18	M-5-220	6-12"		1430				X	X	X		"	
	19	"	24"		1440			X			X	V00863	"	
	20	M-5-221	6-12"		1520				X	X	X		"	
	21	"	24"		1525			X			X	V00864	"	
	22	M-5-222	6-12"		1535				X	X	X		"	
	23	"	24"		1545			X			X	V00865	"	
	24	FIELD DUP	6-12"		—				X	X	X		"	
	25	"	24"		—			X			X	V00882	"	
													"	

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[signature]	8-13-98 1605	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks:

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NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-5 LANDFILL *

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments: Cal. #2 HNU w/100 PPM ISO. O.K. (MU)

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals	PESTCB	PABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
3812. 1	TRIP BLANK	8-14-98	—	MEM.	1	X					V00866	0 PPM	4°C
2	M-5 - 223 6-12"		1007	SOIL	2		X	X	X		~~V0~~ (MU)	"	
3	" 24"		1010			X			X		V00867	"	
4	M-5 - 224 6-12"		1022				X	X	X			"	
5	" 24"		1026			X			X		V00868	"	
6	M-5-225 6-12"		1046				X	X	X			"	
7	" 24"		1050			X			X		V00869	"	
8	M-5-226 6-12"		1108				X	X	X				
9	" 24"		1110			X			X		V00870		
10	M-5-227 6-12"		1118				X	X	X				
11	" 24"		1122			X			X		V00871		
12	M-5-228 6-12"		1145				X	X	X				
13	" 24"		1150			X			X		V00872		
14	M-5 ~~228~~ 6-12"		1315				X	X	X				

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[signature]	8-14-98 1530	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks: * CAUTION: GLASS FRAGS. IN SAMPLES

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NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-5 LANDFILL *

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments: see pg 1

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals TAL	PEST PCB	AB N	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
3812 15	M-5-229 24"	8-14-98	1320	SOIL	2	X				X	V00873	0 ppm	24°C
16	M-5-230 6-12"		1340				X	X		X		"	
17	" 24"		1345			X				X	V00874	"	
18	M-5-231 6-12"		1419				X	X		X		"	
19	" 24"		1424			X				X	V00875	"	
~~20~~													

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[signature]	8-14-98 1530	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks: * CAUTION- GLASS FRAGS. IN SAMPLES

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NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:

Project No: IJN 98-0211
Location: M-5 LANDFILL

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments: Cal. #2 HNU w/100 PPM ISOBUT. O.K. ML

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	TAL Metals	PEST PCB ABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
3827. 1	TRIP BLANK	8-25-98	—	METH.	1	X						
2	M-5-232 6-12"		1345	SOIL	2		X	X	X		0 PPM	<400
3	" 24"		1353			X			X	V00908	"	
4	M-5-233 6-12"		1415				X	X	X		"	
5	" 24"		1420			X			X	V00909	"	
6	M-5-234 6-12"		1435				X	X	X		"	
7	" 24"		1440			X			X	V00910	"	
8	M-5-235 6-12"		1509				X	X	X		"	
9	" 24"		1513			X			X	V00911	"	
10	M-5-236 6-12"		1520				X	X	X		"	
11	" 24"		1530			X			X	V00912	"	

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Mark Laura	8-25-98 1545	J. Vergara			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks:

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Fort Monmouth Environmental Testing Laboratory

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NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-5 LANDFILL

Samplers Name / Company ; MARK LAURA / TVS PWS-007

Comments: Cal. #2 HNU w/ISOBUTYLENE - 100 PPM O.K. [signature]

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals	PEST PCB ABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
3836. 1	TRIP BLANK	8-26-98	—	METH.	1	X				V00917		24°C
2	M-5-237 6-12"		0850	SOIL	2		X	X	X		HNU .02	
3	" 24"		0856			X			X	V00918	0 PPM	
4	M-5-238 6-12"		0917				X	X	X		"	
5	" 24"		0920			X			X	V00919	"	
6	M-5-239 6-12"		0942				X	X	X		"	
7	" 24"		0950			X			X	V00920	"	
8	M-5-240 6-12"		1012				X	X	X		"	
9	" 24"		1018			X			X	V00921	"	
10	M-5-241 6-12"		1040				X	X	X		"	
11	" 24"		1045			X			X	V00922	"	
12	M-5-242 6-12"		1108				X	X	X		"	
13	" 24"		1112			X			X	V00923	5 PPM	HNU
14	M-5-243 6-12"		1132				X	X	X		0 PPM	

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[signature]	8-27-98 730	J. [signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks:

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Fort Monmouth Environmental Testing Laboratory

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NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-5 LANDFILL

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments: see pg. 1

Analysis Parameters

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals	PEST PCB	ABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
3836 15	M-5-243 24"	8-26-98	1138	SOIL	2	X				X	V00924	8ppm	<4°C
16	M-5-244 6-12"		1315				X	X		X		"	
17	" 24"		1320			X				X	V00925	"	
18	M-5-245 6-12"		1337				X	X		X		"	
19	" 24"		1342			X				X	V00926	"	
20	M-5-246 6-12"		1355				X	X		X		"	
21	" 24'		1358			X				X	V00927	"	
22	M-5-247 6-12"		1410				X	X		X		"	
23	" 24"		1415			X				X	V00928	"	
24	M-5-248 6-12"		1430				X	X		X		"	
25	" 24"		1436			X				X	V00929	"	
26	M-5-249 6-12"		1448				X	X		X		"	
27	" 24"		1450			X				X	V00931	"	
28	M-5-250 6-12"		1508				X	X		X		"	

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[signature]	8-27-98 130	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks:

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NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:

Project No: IJN 98-0211
Location: M-5 LANDFILL

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments: see pg. 1

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals	PESTBCN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
3836. 29	M-5-250 24"	8-26-98	1514	soil	2	X			X	V00932	8 PPM	<4°C
30	M-5-251 6-12"		1527				X	X	X		"	
31	" 24"		1532			X			X	V00913	"	
32	M-5-252 6-12"		1545				X	X	X		"	
33	" 24"		1550			X			X	V00914	"	
34	M-5-253 6-12"		1608				X	X	X		"	
35	" 24"		1613			X			X	V00915	"	
36	M-5-254 6-12"		1620				X	X	X		"	
37	" 24"		1625			X			X	V00916	"	
38	FIELD DUP. 6-12"		—				X	X	X	~~V00930~~ (MW)	"	
39	" 24"		—			X			X	V00930	"	

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[signature]	8/27/98 730	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks:

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Fort Monmouth Environmental Testing Laboratory

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Tel (732)532-4359 Fax (732)532-3484 EMail:appleby@doim6.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-5-682 AREA LANDFILL

Samplers Name / Company : MARK LAURA / TVS PWS-007

Analysis Parameters

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals TAL	PEST PCB PAN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
3839. 1	TRIP BLANK	8-27-98		METH	1	X				V00933		4°C
2	FIELD BLANK S.T.		1030	AQ.	2	X						HCL
3	FIELD BLANK G.W.		1045	AQ.		X						"
4	M-5-682-255 6-12"		1120	SOIL			X	X	X		0 PPM	4°C
5	" 24"		1130	"		X			X	V00934	"	"
6	" 70"		1135	"		X			X	V00935	"	"
7	" 5.5-8.5'		1145	AQ.		X					"	HCL
8	M-5-682-256 6-12"		1310	SOIL			X	X	X		"	4°C
9	" 24"		1315	"		X			X	V00936	HNU .02	"
10	" 70"		1320	"		X			X	V00937	0 PPM	"
11	" 5.5-8.5'		1330	AQ.		X					"	HCL
12	M-5-682-257 6-12"		1355	SOIL			X	X	X			4°C
13	" 24"		1400	"		X			X	V00938		"
14	" 70"		1405	"		X			X	V00939		"

Comments: Cal #2 HNO W/100 PPM ISOBUTYLENE O.K. Matthew

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Matthew	8-27-98 1400	J. Mayra			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks:

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3839

Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-3484 EMail:appleby@doim6.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-5 LANDFILL 657 AREA

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments: see pg 1

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals	PESTCB	PABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
3839 15	M-5-682-257 5.5-8.5'	5-27-98	1410	AQ.	2	X						PPM	HCL
16	M-5-682-255 6-12"		1435	SOIL			X	X		X		"	<4°C
17	" 24"		1440	"		X				X	V00940	"	"
18	" 70'		1450	"		X				X	V00941	"	"
19	" 5.5-8.5'		1500	AQ.		X						"	HCL

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[signature]	8-27-98 1600	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks:

000097

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NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-5-682 LANDFILL

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments: Cal. #2 IJNW 4:00 PM 250BCY. O.K. (ML)

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals	PESTCB	PABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
3844 1	TRIP BLANK	8-28-98	—	METAL	1	X					V00942		4°C
2	M-5-682-259 6-12"		0910	SOIL	2		X	X	X			PPM	"
3	" 24"		0915	"		X			X		V00943	"	"
4	" 70"		0920	"		X			X		V00944	"	"
5	" 5.5-8.5'		0925	AQ.		X						"	HCL
6	M-5-682-260 6-12"		1000	SOIL			X	X	X			"	4°C
7	" 24"		1010	"		X			X		V00945	"	"
8	" 70"		1015	"		X			X		V00946	"	"
9	" 5.5-8.5'		1020	AQ.		X						"	HCL
10	M-5-682-261 6-12"		1049	SOIL			X	X	X			"	4°C
11	" 24"		1105	"		X			X		V00947	"	"
12	" 70"		1110	"		X			X		V00948	"	"
13	" 5.5-8.5'		1115	AQ.		X						"	HCL
14	M-5-676-262 6-12"		1325	SOIL			X	X	X			"	4°C

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Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks:

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NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-5 676 AREA LANDFILL

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments: see pg. 1

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	TAL Metals	PEST PCB ABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
3844 15	M-5-676-262 24"	8-25-98	1335	Soil	2	X			X	V00949	PPM	<4°C
16	" 76"	↓	1345	"	↓	X			X	V00950	"	"
17	" 65-95'	↓	1450	AQ	↓	X					"	HCL

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[signature]	8-28-98 1530	J. Vereyna			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks:

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Page 2 of 2

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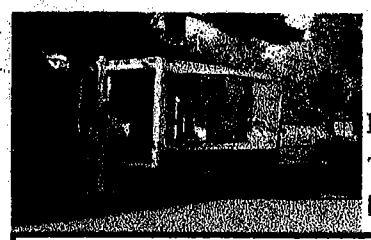

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NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-5 LANDFILL 676 + 697 AREA

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments: Cal # 2 HNU w/200 PPM isobutylene O.K. (ML)

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	TAL Metals	PEST PCB ABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
3847. 1	TRIP BLANK	8-31-98	—	METH.	1	X				V00951		<4°C
2	M-5-676-263 6-12"		1035	SOIL	2		X	X	X		0 PPM	"
3	" 24"		1045	"		X			X	V00952	"	"
4	" 94"		1055	"		X			X	V00953	"	"
5	" 8-10'		1105	AQ.		X					"	HCL
6	M-5-676-264 6-12"		1130	SOIL			X	X	X		"	<4°C
7	" 24"		1140	"		X			X	V00954	"	"
8	" 94"		1145	"		X			X	V00955	"	"
9	" 8-10'		1250	AQ.		X					"	HCL
10	M-5-676-265 6-12"		1315	SOIL			X	X	X		"	<4°C
11	" 24"		1320	"		X			X	V00956	"	"
12	" 94"		1325	"		X			X	V00957	"	"
13	" 8-10'		1330	AQ		X					"	HCL
14	M-5-~~676~~ 697-266 6-12"		1515	SOIL			X	X	X		"	<4°C

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[signature]	9-1-98 0730	J. Vergara			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks:

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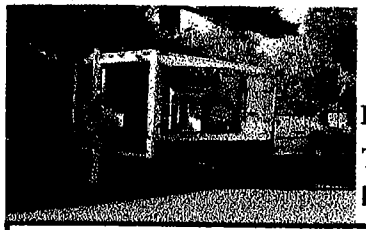

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NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-5 LANDFILL 676 + 697 AREAS

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments: see pg. 1

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals	PESTCB	PABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
3847.15	M-5-697-266 24"	8-31-98	1520	soil	2	X				X	V00958	0 PPM	<4°c
16	" 48"		1525	"		X				X	V00959	"	"
17	" 4-7'		1530	AQ		X						"	HCL
18	M-5-697-267 6-12"		1610	soil			X	X	X			"	<4°c
19	" 24"		1620	"		X				X	V00960	"	"
20	" 48"		1625	"		X				X	V00961	"	"
21	" 4-7'		1635	AQ		X						"	HCL
22	M-5-697-268 6-12"		1700	soil			X	X	X			"	<4°c
23	" 24"		1705	"		X				X	V00962	"	"
24	" 48"		1715	"		X				X	V00963	"	"
25	" 4-7'		1725	AQ		X						"	HCL

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[signature]	8-1-98 0730	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks:

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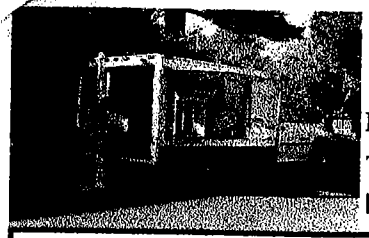

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Tel (732)532-4359 Fax (732)532-3484 EMail:appleby@doim6.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M.S LANDFILL 675 + 676 AREA

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments: Cal #2 HNU @ 100 PPM w/ ISOBUT. O.K. (ML)

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals	PESTCB	PABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
3872. 1	TRIP BLANK	9-10-98	—	METH.	1	X					V00999		4°C
2	M-5-675-269 6-12"		1046	SOIL	2		X	X	X			0 PPM	"
3	" 24"		1058	"		X			X		V0001	"	"
4	" 76"		1105	"		X			X		V0002	"	"
5	" 7-10'		1118	AQ		X						"	HCL
6	M-5-675-270 6-12"		1250	SOIL			X	X	X			"	4°C
7	" 24"		1255	"		X			X		V0003	"	"
8	" 76"		1303	"		X			X		V0004	"	"
9	" 7-10'		1311	AQ.		X						"	HCL
10	M-5-676-271 6-12"		1400	SOIL			X	X	X			"	4°C
11	" 24"		1410	"		X			X		V0005	"	"
12	" 94"		1415	"		X			X		V0006	"	"
13	" 8-11'		1440	AQ		X						"	HCL

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[signature]	9-10-98 1450	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks:

000102

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Fort Monmouth Environmental Testing Laboratory

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Tel (732)532-4359 Fax (732)532-3484 EMail:appleby@doim6.monmouth.army.mil

NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-5 LANDFILL RE: 697 AREA *

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments: HNU #2 CAL. w/ 100 PPM ISOBUT. O.K. ML

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	TAL Metals	PEST PCB ABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
3875 1	TRIP BLANK	9-11-98	—	METH	1	X				VO 013	—	<4°C
2	M-5-697-272 6-12"		1020	SOIL	2		X	X	X		0 PPM	"
3	" 24"		1030	"		X			X	VO 014	"	"
4	" 88"		1040	"		X			X	VO 015	.04 PPM	"
5	" 7.5-10.5'		1050	AQ.		X					0 PPM	HCL
6	M-5 697-273 6-12"		1147	SOIL			X	X	X		"	<4°C
7	" 24"		1155	"		X			X	VO016	"	"
8	" 88"		1200	"		X			X	VO017	"	"
9	" 7.5-10.5'		1205	AQ.		X					"	HCL
10	M-5-697-274 6-12"		1350	SOIL			X	X	X		"	<4°C
11	" 24"		1400	"		X			X	VO018	"	"
12	" 112"		1410	"		X			X	VO019	"	"
13	" 9.5-12.5'		1415	AQ.		X					"	HCL
14	~~M-5-697-27~~ FIELD DUP. ML 6-12"		-	SOIL			X	X	X			

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[signature]	9-11-98 1525	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks: * ACTUAL SAMPLE LOC. @ M-8 LANDFILL SITE

000103

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Fort Monmouth Environmental Testing Laboratory

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Tel (732)532-4359 Fax (732)532-3484 EMail:appleby@doim6.monmouth.army.mil

NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-5 LANDFILL CONT.

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments: see pg. 1

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	TAL Metals	PEST PCB ABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
~~3875 15~~	~~FIELD DUP. 24"~~	~~9-11-98~~		~~SOIL~~	~~2~~	~~X~~			~~X~~	~~VO024 *~~	~~0 PPM~~	(15) 4oc
16	" 58"	"	–	"	"	X			X	VO025	"	"
17	" 7.5-10.5'	"	–	AQ.	"	X					"	HCL

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[signature]	9-11-98 1525	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks: * METH SPILLED OUT OF JAR - ONLY SMALL AMOUNT

000104

Fort Monmouth Environmental Testing Laboratory

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NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-5 LANDFILL M-8 AREA

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments: Cal #2 HNU @ 100 PPM W/ISOBUT. O.K. (MW)

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	TAL Metals	PEST PCB ABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
3878. 1	TRIP BLANK	9-14-98	—	METH.	1	X				V0023	0 PPM	<4°C
2	M-5 (M-8) 275 6-12"		1315	SOIL	2		X	X	X		"	"
3	" 24"		1330	"		X			X	V0026	"	"
4	" 130"		1340	"		X			X	V0027	"	"
5	" 11-14'		1350	AQ.		X					"	HCL
6	M-5 (M-8) 276 6-12"		1445	SOIL			X	X	X		"	<4°C
7	" 24"		1455	"		X			X	V0029	"	"
8	" 130"		1500	"		X			X	V0030	"	"

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[signature]	9-14-98 1515	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks: 8 ATTEMPTS TO EXTRACT G.W. @ 276 LOC. ATTEMPTS N/G WILL ATTEMPT ON 9-15-98

000105

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3880

Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
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NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-5(M-8) LANDFILL

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments: Cal. #2 HNU w/100ppm Iso But. O.K. ML

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals	PESTCB	PABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
3880. 01	Trip Blank	9-15-98	—	Meth.	1	X					V00035		<4°c
02	M-5(M-8)276 0-16'		950	Aq	2	X							HCL
03	M-5(M-8)277 6-12"		1110	Soil			X	X	X			0 ppm	<4°c
04	24"		1120			X				X	V00036	"	"
05	142"		1130			X				X	V00037	3 ppm	"
06	12-15'		1300	Aq		X						0 ppm	HCL
07	M5(M-8)278 6-12"		1410	Soil			X	X	X				<4°c
08	24"		1420			X				X	V00038		"
09	142"		1430			X				X	V00039		"
10	16-20'		1646	Aq		X							HCL
11	M-5(M-8)279 6-12"		1600	Soil			X	X	X				<4°c
12	24"		1610			X				X	V00053		"
13	142"		1615			X				X	V00054		"
M	16-20'		1700	Aq		X							HCL

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	9-16-98 755	J. Velez			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks:

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3880

Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-3484 EMail:appleby@doim6.monmouth.army.mil

NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-5(M-5) Landfill

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments: See pg. 1.

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals TAL	PESTPCB ABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
3880. 15	M-5(M-5)280 6-12"	9-15-98	1740	Soil	2		X	X	X			<4°C
16	24"		1750			X			X	V00040		"
17	142"		1800			X			X	V00047		"
18	12-15'		1830	Dg		X						HCL

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
[signature]	9-16-98 755	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks:

000107

Custodydera.xls9/16/98

Fort Monmouth Environmental Testing Laboratory

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Tel (732)532-4359 Fax (732)532-3484 EMail:appleby@doim6.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:

Project No: IJN 98-0211
Location: M-5 (M-5) LANDFILL

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments: Cal. #2 HNU w/ 100 PPM ISOBUT. Cal (ML)

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals	PEST PCB	ABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
3883. 1	TRIP BLANK	9-16-98	—	METH	1	X					V0048		<4°c
2	M-5 (M-8) 281 - 6-12"		1010	SOIL	2		X	X		X		0 PPM	"
3	" - 24"		1020	"		X				X	V0049	"	"
4	" - 142"		1030	"		X				X	V0050	"	"
5	" - 16-20'		1410	AQ.		X						"	HCL
6	M-5 (M-8) 282 - 6-12"		1120	SOIL			X	X		X		"	<4°c
7	" - 24"		1135	"		X				X	V0051	"	"
8	" - 142"		1145	"		X				X	V0052	"	"
9	" - 16-20'		1350	AQ.		X						"	HCL
10	M-5 (M-8) 283 - 6-12"		1425	SOIL			X	X		X		"	<4°c
11	- 24"		1435	"		X				X	V0055	"	"
12	- 48"		1440	"		X				X	V0056	"	"
13	- 45-25'		1450	AQ.		X						"	HCL
14	M-5 (M-8) 284 - 6-12"		1532	SOIL			X	X		X			<4°c

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Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks:

000108

print legibly

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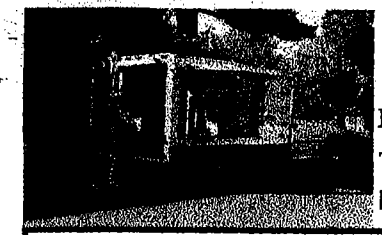

Fort Monmouth Environmental Testing Laboratory

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NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-5 (M-8) LANDFILL CONT.

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments: see pg. 1

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	TAL Metals	PEST PCB ABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
38.83 15	M-5(M-8) ~~283~~ 284 - 24"	9-16-98	1540	Soil	2	X			X	V0057	0 PPM	<4°C
16	" - 48"		1545	"		X			X	V0058	"	"
17	" - 4.5-7.5'		1555	AQ.		X					"	AQ
18	M-5(M-8) ~~284~~ 285 - 6-12"		1625	Soil			X	X	X		"	
19	" - 24"		1635	"		X			X	V0059	"	
20	" - 48"		1645	"		X			X	V0060	"	
21	" - 4.5-7.5'		1700	AQ.		X					"	
22	M-5(M-8) ~~285~~ 286 - 6-12"		1720	Soil			X	X	X			
23	" - 24"		1736	"		X			X	V00 61		
24	" - 48"		1745	"		X			X	V00 62		
25	" - 4.5-7.5'		1755	AQ.		X						

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[signature]	9-17-98 730	J. Vergara			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks:

000109

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NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-5 677
E. SIDE - BLDG. 677 IN ROAD

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments: Cal. #2 HNU @ 100 PPM W-ISOBUT. O.K. [illegible]

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals TAL	PESTPCBABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
3889 1	TRIP BLANK	9-18-98	—	METH.	1	X				V0069		<4°C
2	M-5-677-257-6-12"		0950	SOIL			X	X	X		8PM	"
3	" 24"		1010	"		X			X	V0070	"	"
4	" 87"		1015	"		X			X	V0071	"	"
5	" 7.5-10.5'		1130	AQ.		X					"	HCL
6	M-5-677-258-6-12"		1115	SOIL			X	X	X		"	<4°C
7	" 24"		1125	"		X			X	V0072	"	"
8	" 87"		1135	"		X			X	V0073	"	"
9	" 7.5-10.5'		1145	AQ		X					"	HCL

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[signature]	9-18-98 1215	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks:

000110

print legibly

Fort Monmouth Environmental Testing Laboratory

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NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-5(697) B-272
VOA - RE-DO

Samplers Name / Company : MARK LAURA / TVS PWS-007

Analysis Parameters

Comments:

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	TAL Metals	PEST PCB ABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
3893. 01	M-5-697-272	9-18-98	1340	soil	2	X			X	V0074		<4°C

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[signature]	9-18-98 1410	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks: TRIP BLANK SHARED W/ M-5 677. SAMPLE EVENT 9-18-98 A:M

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Tel (732)532-4359 Fax (732)532-3484 EMail:appleby@doim6.monmouth.army.mil

NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-5

Samplers Name / Company : MARK LAURA / TVS PWS-007

Analysis Parameters

Comments:

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals TAL	~~PEST~~ ~~PCB~~ MW ONLY ABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
3894 01	M-5-697-132 6-12"	9-18-98	1355	soil	1			X				<4°C
02	M-5-697-145 6-12"	"	1403	soil	1			X				"

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[signature]	9-18-98 1410	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks: SHARED TRIP BLANK w/M-5 677 SAMPLE EVENT 9-18-98 A:M

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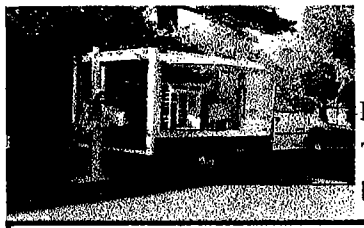

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NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-5 LANDFILL (TCE PLUME INVEST.)

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments: NO OVA

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals	PESTCB	PAABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
3965 . 1	TRIP BLANK	10-7-98	—	METH.	1	X					V0156	0 ppm	
2	M-5(MS)-289-46"		0920	SOIL	2	X				X	V0157	"	<4°C / ~~HCL~~ HCL
3	" -4-7'		0940	AQ.		X						"	HCL
4	M-5(MS)-290-46"		1008	SOIL		X				X	V0158	"	<4°C
5	" -4-7'		1020	AQ.		X						"	HCL
6	M-5(MS)-291-46"		1050	SOIL		X				X	V0159	"	<4°C
7	" -4-7'		1105	AQ		X						"	HCL
8	M-5(MS)-292-46"		1315	SOIL		X				X	V0160		<4°C
9	" -4-7'		1325	AQ.		X							HCL
10	M-5(MS)-293-46"		1350	SOIL		X				X	V0161		<4°C
11	" -4-7'		~~1350~~ 1358 (MC)	AQ.		X							HCL
12	M-5(MS)-294-46"		1430	SOIL		X				X	V0162		<4°C
13	" -4-7'		1440	AQ.		X							HCL

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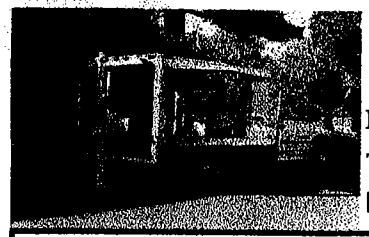
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks:

000113



Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
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NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-5 LANDFILL 675 AREA

Samplers Name / Company : MARK LAURA / TVS PWS-007

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals	PESTCB	PABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
3970. 1	TRIP BLANK	10-5-98	—	METH.	1	X					V0163	—	<4°C
2	M-5(675) 295-70'		1015	SOIL	2	X				X	V0164	0 ppm	<4°C
3	" -6.9'		1025	AQ		X						"	HCL
4	M-5(675) 296 - 70'		1050	SOIL		X				X	V0165	"	<4°C
5	" -6.9'		1057	AQ.		X						"	HCL
6	M-5(675) 297 - 70'		1120	SOIL		X				X	V0166	"	<4°C
7	" -6.9'		1133	AQ.		X						"	HCL
8	M-5(675) 298 - 70'		1155	SOIL		X				X	V0167	"	<4°C
9	" -6.9'		1200	AQ.		X						"	HCL
10	M-5(675) 299 - 70'		1305	SOIL		X				X	V0168	"	<4°C
11	" -6.9'		1310	AQ		X						"	HCL
12	M-5(675) 300 - 70'		1330	SOIL		X				X	V0169	"	<4°C
13	" -6.9'		1347	AQ.		X						"	HCL

Comments:

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[signature]	10-5-98 1415	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks:

000114

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NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-5 LANDFILL 697 AREA

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments: Cal. #2 HNU O.K. (MC)

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	TAL Metals	PEST PCB ABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
4012 1	TRIP BLANK	10-28-98	–	METH.	1	X				V00262	0 PPM	<4°C
2	M-5(697)B-301-84"		0905	SOIL	2	X			X	V00265	"	"
3	" -7-10'		0915	AQ.	"	X					"	HCL
4	M-5(697)B-302-84"		0950	SOIL	"	X			X	V00263	"	<4°C
5	" -7-10'		1115	AQ.	"	X					"	HCL
6	M-5(697)B-303-84"		1030	SOIL	"	X			X	V00264	"	<4°C
7	" -7-10'		1055	AQ.	"	X					"	HCL
8	M-5(697)B-304-84"		1143	SOIL	"	X			X	V00266	"	<4°C
9	" -7-10'		1157	AQ.	"	X					"	HCL
10	M-5(697)B-305-84"		1404	SOIL		X			X	V00267	"	<4°C
11	" -7-10'		1408	AQ.		X					"	HCL
12	M-5(697)B-306-84"		1435	SOIL		X			X	V00268	"	<4°C
13	" -7-10'		1500	AQ.		X					"	HCL
14	FIELD DUP		–	SOIL		X			X	V00273	"	<4°C

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Mark Laura	10-28-98 1520	J. [signature]			
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Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks:

000115

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Fort Monmouth Environmental Testing Laboratory

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NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-5 Landfill 697 Area

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments: see pg. 1

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals TAL	PESTPCB	ABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
4012. 15	Field Dup.	10-28-98	—	AQ.	2	X						ppm	HCL

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Mark Laura	10-28-98 1520	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks:

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Fort Monmouth Environmental Testing Laboratory

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NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-5-675 + 678 AREA

Samplers Name / Company : MARK LAURA / TVS PWS-007

Analysis Parameters

Comments:

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	TAL Metals	PEST PCB ABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
4085 . 1	TRIP BLANK	11-24-98	—	METH.	1	X				V00388	0 PPM	
2	M-5-(675)307 - ~~9-12"~~ 102" (MC)	"	0940	SOIL	2	X			X	V00389	"	<4°C
3	" - ~~102"~~ 9-12" (MC)	"	1037	AQ.	"	X					"	HCL
4	M-5(675)308 - 102"	"	1025	SOIL	"	X			X	V00390	"	<4°C
5	" - 9-12'	"	1044	AQ.	"	X					"	HCL
6	M-5(675)309 - 102"	"	1115	SOIL	"	X			X	V00391	"	<4°C
7	" - 9-12'	"	1123	AQ.	"	X					"	HCL
8	M-5(675)310 - 102"	"	1150	SOIL	"	X			X	V00392	"	<4°C
9	" - 9-12'	"	1158	AQ.	"	X					"	HCL
10	M-5(675)311 - 102"	"	1255	SOIL	"	X			X	V00393	"	<4°C
11	" - 9-12'	"	1320	AQ.	"	X					"	HCL
12	M-5(675)312 - 102"	"	1400	SOIL	"	X			X	V00394	"	<4°C
13	" - 9-12'	"	1409	AQ	"	X					"	HCL
14	M-5-(678)313 - 90"	"	1440	SOIL	"	X			X	V00395	"	<4°C

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[signature]	11-24-98 1609	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____ Hrs.

Remarks:

000117

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Fort Monmouth Environmental Testing Laboratory

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Tel (732)532-4359 Fax (732)532-3484 EMail:appleby@doim6.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-5-675 + 678 AREA

Samplers Name / Company : MARK LAURA / TVS PWS-007

Analysis Parameters

Comments:

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals TAL	PESTPCB	ABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
4085. 15	M-5(678) 313-8-11'	11-24-98	1456	AQ.	2	X						0 PPM	HCL
16	M-5-(678) 314-90"	"	1530	SOIL	"	X				X	V00396	"	<4°C
17	" -8-11'	"	1545	AQ	"	X						"	HCL
18	FIELD DUP. - X	"		SOIL	"	X				X	V00397	"	<4°C
19	" - X	"		AQ.	"	X						"	HCL

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
[signature]	11-24-98 1609	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks:

000118

print legibly

Custodydera.xls11/16/98

Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:appleby@doim6.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M5(602) AREA

Samplers Name / Company : MARK LAURA / TVS PWS-007

Analysis Parameters

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals TAL	PEST PCB	EPA ABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
4147. 1	TRIP BLANK	12-17-98	—	METH.	1	X					V00506		<4°C
2	M5(602) 315 9.5'	"	1040	soil	2	X				X	V00507		<4°C ~~HCL~~
3	" - 10-13'	"	1100	AQ.		X							HCL
4	M5(602) 316 - 9.5'	"	1140	soil		X				X	V00508		<4°C
5	" - 10-13'	"	1150	AQ.		X							HCL
6	M5(602) 317 - 9.5'	"	1300	soil		X				X	V00509		<4°C
7	" - 10-13'	"	1311	AQ.		X							HCL
8	M5(602) 318 - 9.5'	"	1340	soil		X				X	V00510		<4°C
9	" - 10-13'	"	1355	AQ.		X							HCL

Comments:

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
[signature]	12-17-98 1425	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

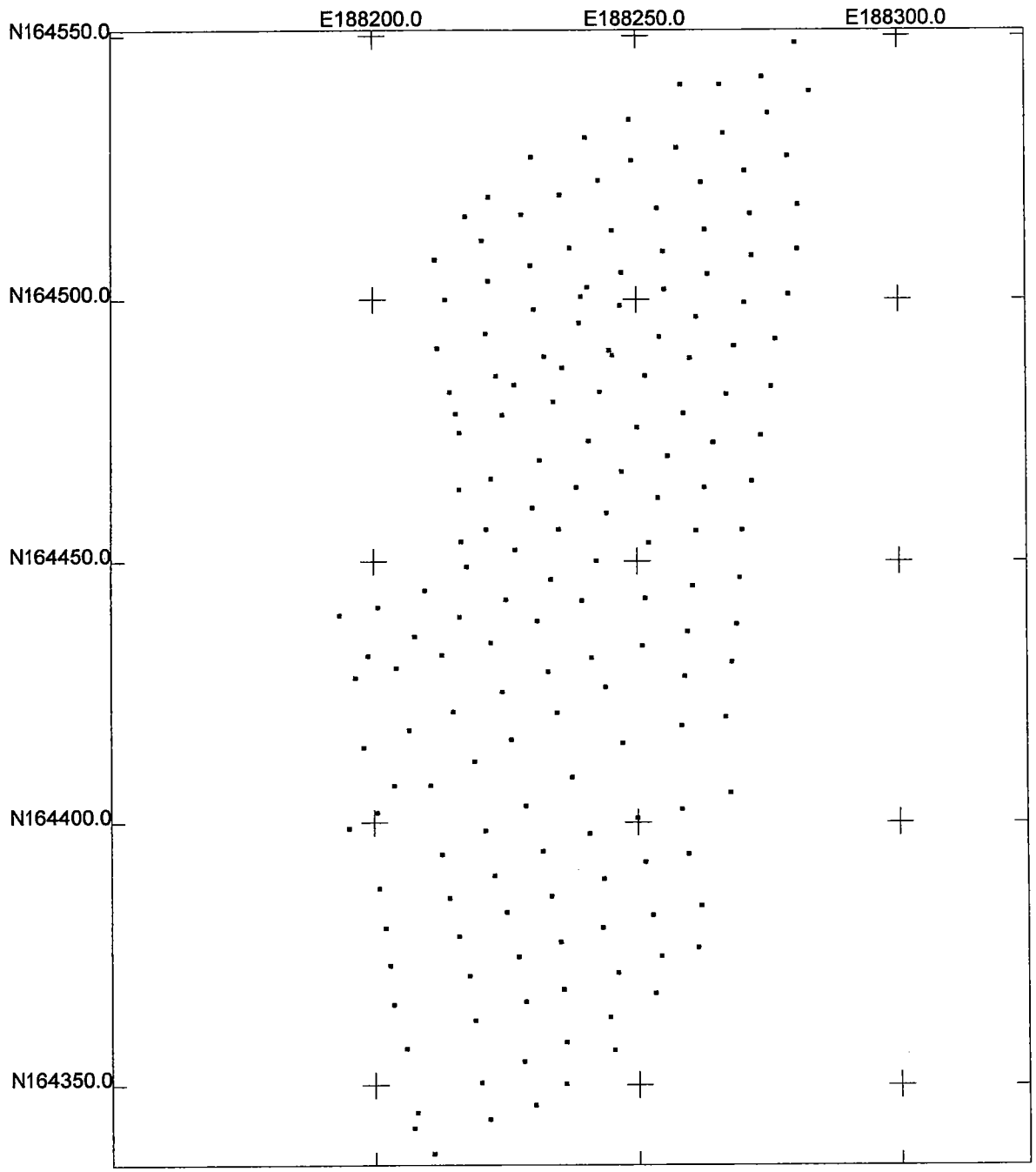
Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks:

print legibly

Custodydera.xls12/16/98

GPS MAPS



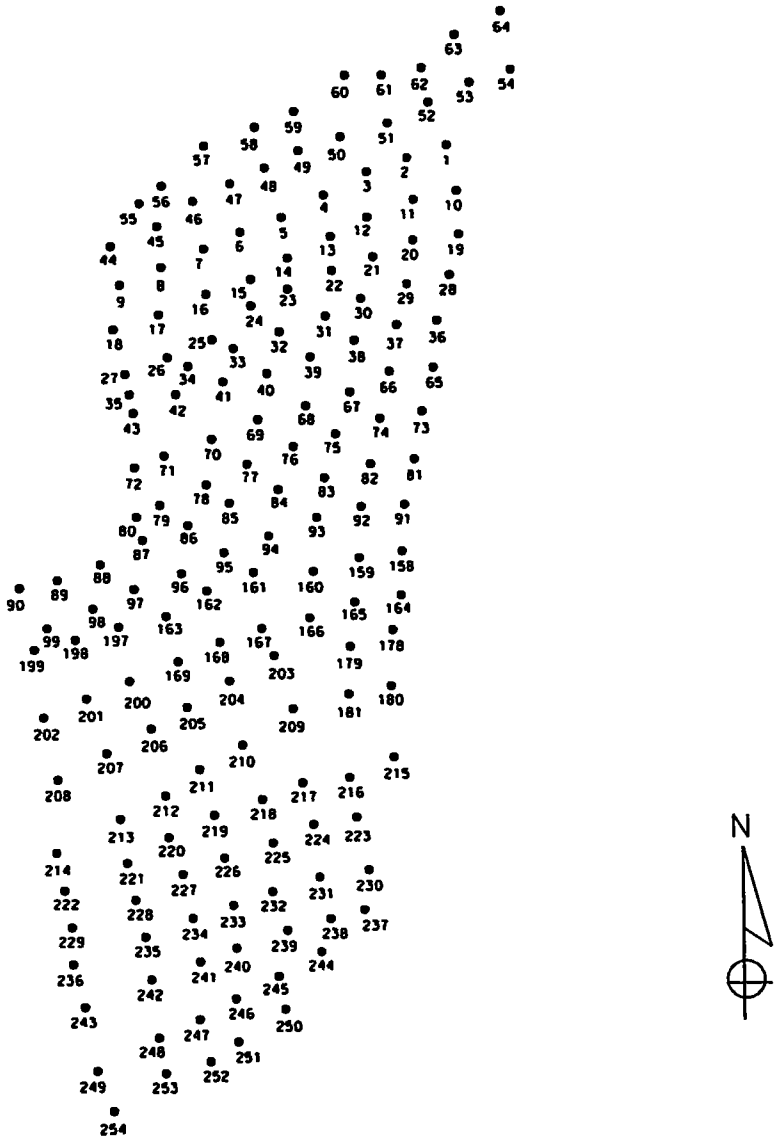
M5 Landfill Soil Boring GPS Map

US State Plane 1983
New Jersey (NY East) 2900
NAD 1983 (Conus)

N

Scale 1:1250
0 40.00
Meters

final m5 landfill map.ssf
2/18/1999
Pathfinder Office
Trimble



SITE MAP
M5 LANDFILL
FORT MONMOUTH ARMY BASE
MONMOUTH COUNTY, NJ

FT. MONMOUTH ENVIRONMENTAL TESTING LAB

Engineers, Managers, Scientists & Planners

SCALE: NTS

DATE: NOV. 1998

M5 LANDFILL SITE

M5 LANDFILL SITE GPS POSITIONS & COORDINATES

US STATE PLANE 1983 NJ (NY EAST) 2900 NAD 1983 (CONUS)

(IN METERS)

POSITION / DESC.	Y COORD. (NORTHING)	X COORD. (EASTING)
1	164527.302	188278.72
2	164524.54	188270.483
3	164522.341	188262.191
4	164517.404	188253.811
5	164513.248	188245.214
6	164509.893	188237.115
7	164506.63	188229.623
8	164503.676	188221.594
9	164500.113	188213.403
10	164518.136	188280.696
11	164516.429	188271.468
12	164513.431	188262.84
13	164509.259	188254.964
14	164505.278	188246.976
15	164500.709	188239.192
16	164498.256	188230.242
17	164493.622	188221.071
18	164490.793	188211.907
19	164509.717	188280.593
20	164508.482	188271.788
21	164505.018	188263.366
22	164502.082	188255.183
23	164499.016	188246.648
24	164495.676	188238.86
25	164489.293	188232.162
26	164485.56	188223.024
27	164482.447	188214.206
28	164501.113	188278.853
29	164499.567	188270.305
30	164496.858	188261.193
31	164493.055	188254.188
32	164490.432	188244.57
33	164487.093	188235.615
34	164483.835	188226.5
35	164478.243	188215.329
36	164492.615	188276.316
37	164491.265	188268.357
38	164488.936	188259.954
39	164485.57	188251.386
40	164482.49	188242.72

POSITION / DESC.	Y COORD. (NORTHING)	X COORD. (EASTING)
41	164480.607	188233.92
42	164478.042	188224.191
43	164474.68	188216.006
44	164507.701	188211.512
45	164511.322	188220.447
46	164516.281	188227.959
47	164519.979	188235.242
48	164522.735	188242.582
49	164526.458	188248.948
50	164528.846	188257.578
51	164531.676	188266.398
52	164535.464	188274.974
53	164539.625	188282.983
54	164542.324	188291.357
55	164515.894	188217.301
56	164519.589	188221.675
57	164527.131	188229.847
58	164530.802	188240.158
59	164534.212	188248.562
60	164540.845	188258.4
61	164540.885	188265.747
62	164542.356	188273.882
63	164548.849	188280.319
64	164553.595	188289.267
65	164483.534	188275.46
66	164482.005	188266.859
67	164478.368	188258.737
68	164475.684	188249.823
69	164473.064	188240.587
70	164469.456	188231.261
71	164465.869	188221.993
72	164463.877	188215.994
73	164474.211	188273.44
74	164472.794	188264.369
75	164470.227	188255.737
76	164467.239	188246.933
77	164464.316	188238.271
78	164460.375	188229.896
79	164456.255	188221.069
80	164453.934	188216.313
81	164465.441	188271.648
82	164464.239	188262.654
83	164462.232	188253.822
84	164459.39	188243.979
85	164456.249	188234.877
86	164452.346	188226.572
87	164449.113	188217.376

POSITION / DESC.	Y COORD. (NORTHING)	X COORD. (EASTING)
88	164444.582	188209.42
89	164441.338	188200.594
90	164439.876	188193.384
91	164456.135	188269.733
92	164455.992	188261.011
93	164453.728	188251.997
94	164450.242	188242
95	164446.699	188233.313
96	164442.789	188224.768
97	164439.506	188215.991
98	164435.729	188207.464
99	164432.026	188198.72
158	164447.041	188269.27
159	164445.464	188260.345
160	164443.071	188251.345
161	164442.618	188239.252
162	164438.736	188230.765
163	164434.54	188221.896
164	164438.093	188268.696
165	164436.682	188259.404
166	164433.953	188250.756
167	164431.65	188241.076
168	164429.004	188232.773
169	164425.161	188224.029
178	164430.875	188267.801
179	164428.098	188258.763
180	164420.25	188266.578
181	164418.644	188258.223

POSITION / DESC	Y COORD. (NORTHING)	X COORD. (EASTING)
197	164432.199	188212.573
198	164429.718	188204.059
199	164427.853	188196.349
200	164421.257	188214.69
201	164417.739	188206.45
202	164414.445	188197.866
203	164426.052	188243.731
204	164421.109	188234.438
205	164415.929	188225.735
206	164411.818	188218.801
207	164407.186	188210.451
208	164402.072	188200.392
209	164415.284	188246.991
210	164408.802	188237.308
211	164403.344	188228.478
212	164398.655	188220.745
213	164394.06	188212.5
214	164387.622	188200.703
215	164405.835	188267.476
216	164402.692	188258.22
217	164401.001	188249.744
218	164398.05	188240.57
219	164394.726	188231.619
220	164390.076	188222.413
221	164385.752	188213.839
222	164380.04	188201.838
223	164394.162	188259.444
224	164392.642	188251.148
225	164389.455	188243.211
226	164386.153	188233.236
227	164383.091	188224.711
228	164378.548	188215.618
229	164372.887	188202.677
230	164384.345	188261.761
231	164382.548	188252.55
232	164380.17	188242.983
233	164377.399	188234.94
234	164374.6	188226.947
235	164370.944	188217.623
236	164365.47	188203.322
237	164376.361	188261.192
238	164374.733	188254.175
239	164371.563	188245.869
240	164368.353	188235.43
241	164366.058	188228.292
242	164362.433	188218.695
243	164357.039	188205.696

POSITION / DESC	Y COORD. (NORTHING)	X COORD. (EASTING)
244	164367.609	188252.972
245	164363.088	188244.301
246	164358.29	188235.985
247	164354.658	188227.939
248	164350.652	188219.775
249	164344.997	188207.672
250	164356.792	188245.114
251	164350.431	188235.891
252	164346.403	188230.055
253	164343.688	188221.385
254	164337.122	188210.788

REFERENCE POSITIONS

POSITION / DESC.	Y COORD. (NORTHING)	X COORD. (EASTING)
M5-MW11	164502.435	188240.431
M5-OLD GRN PIPE	164489.467	188245.124
SEWER MANWAY	164407.195	188203.615

LANDFILL COVER

128A

M-5
Landfill Cover

Boring		Boring		Boring	
B1	Minimum 2 foot cap.	B52	Minimum 2 foot cap.	B161	Minimum 3 inch cap.
B2	Minimum 2 foot cap.	B53	Minimum 3 inch cap.	B162	Minimum 1 inch cap.
B3	Minimum 2 foot cap.	B54	Minimum 2 foot cap.	B163	Minimum 1 inch cap.
B4	Minimum 1 foot cap.	B55	Minimum 2 foot cap.	B164	Minimum 2 foot cap.
B5	Minimum 3 inch cap.	B56	Minimum 2 foot cap.	B165	Minimum 2 foot cap.
B6	Minimum 3 inch cap.	B57	Minimum 2 foot cap.	B166	Minimum 6 inch cap.
B7	Minimum 3 inch cap.	B58	Minimum 2 foot cap.	B167	Minimum 1 inch cap.
B8	Minimum 1 inch cap.	B59	Minimum 18 inch cap.	B168	Minimum 3 inch cap.
B9	Minimum 1 inch cap.	B60	Minimum 2 foot cap.	B169	Minimum 6 inch cap.
B10	Minimum 18 inch cap.	B61	Minimum 2 foot cap.	B178	Minimum 1 inch cap.
B11	Minimum 3 inch cap.	B62	Minimum 6 inch cap.	B179	Minimum 2 foot cap.
B12	Minimum 2 foot cap.	B63	Minimum 2 foot cap.	B180	Minimum 2 foot cap.
B13	Minimum 1 inch cap.	B64	Minimum 2 foot cap.	B181	Minimum 2 foot cap.
B14	Minimum 1 inch cap.	B65	Minimum 1 inch cap.	B197	Minimum 6 inch cap.
B15	Minimum 1 inch cap.	B66	Minimum 1 inch cap.	B198	Minimum 6 inch cap.
B16	Minimum 6 inch cap.	B67	Minimum 1 inch cap.	B199	Minimum 6 inch cap.
B17	Minimum 6 inch cap.	B68	Minimum 1 inch cap.	B200	Minimum 6 inch cap.
B18	Minimum 6 inch cap.	B69	Minimum 2 foot cap.	B201	Minimum 6 inch cap.
B19	Minimum 3 inch cap.	B70	Minimum 18 inch cap.	B202	Minimum 6 inch cap.
B20	Minimum 3 inch cap.	B71	Minimum 18 inch cap.	B203	Minimum 6 inch cap.
B21	Minimum 2 foot cap.	B72	Minimum 6 inch cap.	B204	Minimum 3 inch cap.
B22	Minimum 1 inch cap.	B73	Minimum 18 inch cap.	B205	Minimum 3 inch cap.
B23	Minimum 18 inch cap.	B74	Minimum 3 inch cap.	B206	Minimum 3 inch cap.
B24	Minimum 1 foot cap.	B75	Minimum 1 inch cap.	B207	Minimum 3 inch cap.
B25	Minimum 6 inch cap.	B76	Minimum 1 inch cap.	B208	Minimum 6 inch cap.
B26	Minimum 3 inch cap.	B77	Minimum 1 inch cap.	B209	Minimum 6 inch cap.
B27	Minimum 3 inch cap.	B78	Minimum 1 inch cap.	B210	Minimum 6 inch cap.
B28	Minimum 2 foot cap.	B79	Minimum 2 foot cap.	B211	Minimum 6 inch cap.
B29	Minimum 2 foot cap.	B80	Minimum 2 foot cap.	B212	Minimum 3 inch cap.
B30	Minimum 2 foot cap.	B81	Minimum 2 foot cap.	B213	Minimum 3 inch cap.
B31	Minimum 2 foot cap.	B82	Minimum 2 foot cap.	B214	Minimum 18 inch cap.
B32	Minimum 3 inch cap.	B83	Minimum 2 foot cap.	B215	Minimum 2 foot cap.
B33	Minimum 3 inch cap.	B84	Minimum 2 foot cap.	B216	Minimum 18 inch cap.
B34	Minimum 3 inch cap.	B85	Minimum 2 foot cap.	B217	Minimum 1 foot cap.
B35	Minimum 3 inch cap.	B86	Minimum 18 inch cap.	B218	Minimum 1 foot cap.
B36	Minimum 2 foot cap.	B87	Minimum 18 inch cap.	B219	Minimum 6 inch cap.
B37	Minimum 2 foot cap.	B88	Minimum 3 inch cap.	B220	Minimum 1 inch cap.
B38	Minimum 2 foot cap.	B89	Minimum 3 inch cap.	B221	Minimum 1 foot cap.
B39	Minimum 3 inch cap.	B90	Minimum 1 foot cap.	B222	Minimum 1 foot cap.
B40	Minimum 3 inch cap.	B91	Minimum 2 foot cap.	B223	Minimum 6 inch cap.
B41	Minimum 3 inch cap.	B92	Minimum 6 inch cap.	B224	Minimum 1 foot cap.
B42	Minimum 3 inch cap.	B93	Minimum 2 foot cap.	B225	Minimum 18 inch cap.
B43	Minimum 3 inch cap.	B94	Minimum 2 foot cap.	B226	Minimum 1 foot cap.
B44	Minimum 3 inch cap.	B95	Minimum 6 inch cap.	B227	Minimum 18 inch cap.
B45	Minimum 18 inch cap.	B96	Minimum 6 inch cap.	B228	Minimum 18 inch cap.
B46	Minimum 1 foot cap.	B97	Minimum 6 inch cap.	B229	Minimum 2 foot cap.
B47	Minimum 6 inch cap.	B98	Minimum 6 inch cap.	B230	Minimum 18 inch cap.
B48	Minimum 1 inch cap.	B99	Minimum 6 inch cap.	B231	Minimum 6 inch cap.
B49	Minimum 2 foot cap.	B158	Minimum 1 inch cap.	B232	Minimum 1 inch cap.
B50	Minimum 2 foot cap.	B159	Minimum 3 inch cap.	B233	Minimum 1 inch cap.
B51	Minimum 2 foot cap.	B160	Minimum 2 foot cap.	B234	Minimum 18 inch cap.

128B

M-5
Landfill Cover

Boring		Boring		Boring	
B235	Minimum 18 inch cap.	B242	Minimum 2 foot cap.	B249	Minimum 2 foot cap.
B236	Minimum 18 inch cap.	B243	Minimum 1 inch cap.	B250	Minimum 2 foot cap.
B237	Minimum 1 inch cap.	B244	Minimum 1 inch cap.	B251	Minimum 2 foot cap.
B238	Minimum 1 inch cap.	B245	Minimum 18 inch cap.	B252	Minimum 2 foot cap.
B239	Minimum 1 inch cap.	B246	Minimum 2 foot cap.	B253	Minimum 2 foot cap.
B240	Minimum 18 inch cap.	B247	Minimum 2 foot cap.	B254	Minimum 2 foot cap.
B241	Minimum 2 foot cap.	B248	Minimum 2 foot cap.		

128C

FIELD DUPLICATE IDENTIFICATION

Field Duplicate Identification

Sample Id	Lab ID	Field Duplicate
B-20 6-12"	3479.03	3479.15
B-20 24"	3479.04	3479.16
B-43 6-12"	3543.02	3543.18
B-43 24"	3543.03	3543.19
B-60 6-12"	3567.02	3567.23
B-60 24"	3567.03	3567.24
B-80 6-12"	3580.22	3580.38
B-80 24"	3580.23	3580.39
B-160 6-12"	3665.19	3665.25
B-160 24"	3665.20	3665.26
B-180 6-12"	3722.18	3722.24
B-180 24"	3722.19	3722.25
B-200 6-12"	3805.08	3805.32
B-200 24"	3805.09	3805.33
B-220 6-12"	3809.18	3809.24
B-220 24"	3809.19	3809.25
B-240 6-12"	3836.08	3836.38
B-240 24"	3836.09	3836.39

METHODOLOGY SUMMARY

Method Summary

EPA SW-846 Method 8260
Gas Chromatographic Determination of Volatiles in Soil

A 50ul volume of methanol soil sample is added to 5-ml aliquot of water. Surrogates and internal standards are added and the sample is placed on a purge and trap concentrator. The sample as purged and desorbed into a GC/MS system. Volatiles are identified and quantitated. The final concentration is calculated using soil weight, percent moisture, methanol volume and concentration.

EPA SW-846 Method 8270
Gas Chromatographic Determination of Semi-volatiles in Soil

Surrogates are added to a 10-gram soil sample, which has been dried with sodium sulfate. The sample is then extracted using a soxtherm extractor. The extract is concentrated to 1 ml. Internal standards are added and the sample is injected into a GC/MS system. Semi-volatiles are identified and quantitated. The final concentration is calculated using soil weight, percent moisture and concentration.

EPA SW-846 Method 8080
Gas Chromatographic Determination of Pesticides and PCB's in Soil

Surrogates are added to a 10-gram soil sample, which has been dried with sodium sulfate. The sample is then extracted using a soxtherm extractor. The extract is concentrated to 10 ml. Internal standards are added and the sample is injected into a GC/ECD system. Pesticides and PCB's are identified and quantitated. The final concentration is calculated using soil weight, percent moisture and concentration.

EPA SW-846 Method 9045
pH Electrometric Measurement of Soils

20 ml of reagent water is added to a 20-gram soil sample. The sample is covered and then continuously stir the suspension for 5 minutes. Allow the suspension to stand for approximately 1 hour. Lower a calibrated glass electrode deep enough into the clear supernatant to obtain a pH measurement. Record this reading.

Methodology Summary

EPA SW-846 Method 3151, 3rd Edition Base Manual with Final Updates I, II, IIA, IIB, and III: Digestion TAL Metals

Milestone MLS 1200 MEGA
A representative sample of 1.0 to 0.5 g is digested in 10 ml of concentrated nitric acid for 10 minutes using microwave heating with a suitable laboratory microwave unit. The sample and acid are placed in a fluorocarbon (TFM) microvessel. This vessel is capped and heated in the microwave unit. After cooling the vessel contents are filtered and then diluted to 100ml volume and analyzed by ICP.

EPA SW-846 Method 6010B, 3rd Edition Base Manual with Final Updates I, II, IIA, IIB, and III: ICP TAL Metals

Perkin Elmer OPTIMA 3000 DV
The method measures element–emitted light by optical spectrometry. Samples are nebulized and the resulting aerosol is transported to the plasma torch. Radio-frequency inductively coupled plasma produces element-specific atomic-line emission spectra. The spectra are dispersed by a grating spectrometer, and a Segmented-array Charged-coupled-device Detector (SCD) monitors the intensities of the lines. Background and inter-elemental correction is used for trace element determinations.

EPA SW-846 Method 7471A, 3rd Edition Base Manual with Final Updates I, II, IIA, IIB, and III: Mercury

Varian SpectrAA-640, VGA-77
The flameless AA procedure is a physical method based on the absorption of radiation at 253.7 nm by mercury vapor. The mercury is reduced to the elemental state and aerated from solution in a closed system. The mercury vapor passes through a cell positioned in the light path of an atomic absorption spectrometer. Absorbance (peak height) is measured as a function of mercury concentration and recorded in the usual manner.

CASE NARRATIVE

CASE NARRATIVE

Site: M-5 Landfill

Lab ID: 3465, 3470, 3472, 3473, 3477, 3479, 3485, 3498, 3500, 3501, 3539, 3543, 3547, 3550, 3561, 3567, 3571, 3576, 3580, 3584, 3588, 3593, 3665, 3686, 3688,3722, 3805, 3809, 3812, 3827, 3836

Di-n-butylphthalate exceeds the calibration curve in Method Blank BN1538.D, which was extracted on 4/22/98. The blank was not diluted.

Several PAH's exceed the calibration curve in M-5 B-84 (Lab ID 3584.02). The sample was not diluted.

LABORATORY CHRONICLE

Laboratory Chronicle

Lab ID: 3465 **Site:** M-5

	Date	Hold Time
Date Sampled	04/08/98	NA
Receipt/Refrigeration	04/08/98	NA
Extractions		
1. Base Neutrals	04/09/98	14 Days
2. Pest/PCB's	04/09/98	07 Days
Analyses		
1. Volatile Organics	04/10/98	14 Days
2. Base Neutrals	04/28,30/98	40 Days
3. Pest/PCB's	05/13/98	40 Days
4. Metals	04/30/98	6 Months
5. Mercury	04/10/98	28 Days

Laboratory Chronicle

Lab ID: 3470 **Site:** M-5

	Date	Hold Time
Date Sampled	04/09/98	NA
Receipt/Refrigeration	04/09/98	NA
Extractions		
1. Base Neutrals	04/10/98	14 Days
2. Pest/PCB's	04/10/98	07 Days
Analyses		
1. Volatile Organics	04/13/98	14 Days
2. Base Neutrals	04/29/98	40 Days
3. Pest/PCB's	05/14/98	40 Days
4. Metals	04/30/98	6 Months
5. Mercury	04/10/98	28 Days

Laboratory Chronicle

Lab ID: 3472 **Site:** M-5

	Date	Hold Time
Date Sampled	04/10/98	NA
Receipt/Refrigeration	04/10/98	NA
Extractions		
1. Base Neutrals	04/13/98	14 Days
2. Pest/PCB's	04/13/98	07 Days
Analyses		
1. Volatile Organics	04/13/98	14 Days
2. Base Neutrals	04/28/98	40 Days
3. Pest/PCB's	05/14/98	40 Days
4. Metals	04/30/98	6 Months
5. Mercury	04/24/98	28 Days

Laboratory Chronicle

Lab ID: 3473 **Site:** M-5

	Date	Hold Time
Date Sampled	04/11/98	NA
Receipt/Refrigeration	04/11/98	NA
Extractions		
1. Base Neutrals	04/13/98	14 Days
2. Pest/PCB's	04/13/98	07 Days
Analyses		
1. Volatile Organics	04/20,21,22/98	14 Days
2. Base Neutrals	04/28,30/98 05/05/98	40 Days
3. Pest/PCB's	05/14/98	40 Days
4. Metals	04/30/98	6 Months
5. Mercury	04/24/98	28 Days

Laboratory Chronicle

Lab ID: 3477 **Site:** M-5

	Date	Hold Time
Date Sampled	04/13/98	NA
Receipt/Refrigeration	04/13/98	NA
Extractions		
1. Base Neutrals	04/14/98	14 Days
2. Pest/PCB's	04/14/98	07 Days
Analyses		
1. Volatile Organics	04/23/98	14 Days
2. Base Neutrals	04/29/98	40 Days
3. Pest/PCB's	05/21/98	40 Days
4. Metals	04/30/98	6 Months
5. Mercury	04/24/98	28 Days

Laboratory Chronicle

Lab ID: 3479 **Site:** M-5

	Date	Hold Time
Date Sampled	04/14/98	NA
Receipt/Refrigeration	04/14/98	NA
Extractions		
1. Base Neutrals	04/15/98	14 Days
2. Pest/PCB's	04/15/98	07 Days
Analyses		
1. Volatile Organics	04/24/98	14 Days
2. Base Neutrals	04/29/98	40 Days
3. Pest/PCB's	05/21/98	40 Days
4. Metals	05/12/98	6 Months
5. Mercury	04/24/98	28 Days

Laboratory Chronicle

Lab ID: 3485 **Site:** M-5

	Date	Hold Time
Date Sampled	04/15/98	NA
Receipt/Refrigeration	04/15/98	NA
Extractions		
1. Base Neutrals	04/16/98	14 Days
2. Pest/PCB's	04/16/98	07 Days
Analyses		
1. Volatile Organics	04/27/98	14 Days
2. Base Neutrals	04/29/98	40 Days
3. Pest/PCB's	05/22/98	40 Days
4. Metals	04/30/98	6 Months
5. Mercury	04/24/98	28 Days

Laboratory Chronicle

Lab ID: 3498 **Site:** M-5

	Date	Hold Time
Date Sampled	04/20/98	NA
Receipt/Refrigeration	04/20/98	NA
Extractions		
1. Base Neutrals	04/21/98	14 Days
2. Pest/PCB's	04/21/98	07 Days
Analyses		
1. Volatile Organics	04/27,28/98	14 Days
2. Base Neutrals	04/29/98	40 Days
3. Pest/PCB's	05/22/98	40 Days
4. Metals	04/30/98	6 Months
5. Mercury	04/24/98	28 Days

Laboratory Chronicle

Lab ID: 3500 **Site:** M-5

	Date	Hold Time
Date Sampled	04/21/98	NA
Receipt/Refrigeration	04/21/98	NA
Extractions		
1. Base Neutrals	04/22/98	14 Days
2. Pest/PCB's	04/22/98	07 Days
Analyses		
1. Volatile Organics	04/28/98	14 Days
2. Base Neutrals	04/30/98	40 Days
3. Pest/PCB's	05/22/98	40 Days
4. Metals	04/30/98	6 Months
5. Mercury	04/24/98	28 Days

Laboratory Chronicle

Lab ID: 3501 **Site:** M-5

	Date	Hold Time
Date Sampled	04/22/98	NA
Receipt/Refrigeration	04/22/98	NA
Extractions		
1. Base Neutrals	04/23/98	14 Days
2. Pest/PCB's	04/23/98	07 Days
Analyses		
1. Volatile Organics	04/29/98	14 Days
2. Base Neutrals	04/30/98 05/05/98	40 Days
3. Pest/PCB's	05/22/98	40 Days
4. Metals	04/30/98	6 Months
5. Mercury	04/24/98	28 Days

Laboratory Chronicle

Lab ID: 3539 **Site:** M-5

	Date	Hold Time
Date Sampled	05/01/98	NA
Receipt/Refrigeration	05/01/98	NA
Extractions		
1. Base Neutrals	05/05/98	14 Days
2. Pest/PCB's	05/04/98	07 Days
Analyses		
1. Volatile Organics	05/05/98	14 Days
2. Base Neutrals	05/06/98	40 Days
3. Pest/PCB's	05/29/98	40 Days
4. Metals	05/12/98	6 Months
5. Mercury	05/12/98	28 Days

Laboratory Chronicle

Lab ID: 3543 **Site:** M-5

	Date	Hold Time
Date Sampled	05/04/98	NA
Receipt/Refrigeration	05/04/98	NA
Extractions		
1. Base Neutrals	05/05/98	14 Days
2. Pest/PCB's	05/06/98	07 Days
Analyses		
1. Volatile Organics	05/05,06/98	14 Days
2. Base Neutrals	05/06/98	40 Days
3. Pest/PCB's	05/29,30/98	40 Days
4. Metals	05/12/98	6 Months
5. Mercury	05/12/98	28 Days

Laboratory Chronicle

Lab ID: 3547 **Site:** M-5

	Date	Hold Time
Date Sampled	05/05/98	NA
Receipt/Refrigeration	05/05/98	NA
Extractions		
1. Base Neutrals	05/06/98	14 Days
2. Pest/PCB's	05/06/98	07 Days
Analyses		
1. Volatile Organics	05/18/98	14 Days
2. Base Neutrals	05/07/98	40 Days
3. Pest/PCB's	05/30/98 06/03/98	40 Days
4. Metals	05/12/98	6 Months
5. Mercury	05/12/98	28 Days

Laboratory Chronicle

Lab ID: 3550 **Site:** M-5

	Date	Hold Time
Date Sampled	05/06/98	NA
Receipt/Refrigeration	05/06/98	NA
Extractions		
1. Base Neutrals	05/07/98	14 Days
2. Pest/PCB's	05/07/98	07 Days
Analyses		
1. Volatile Organics	05/18,19/98	14 Days
2. Base Neutrals	05/08/98	40 Days
3. Pest/PCB's	06/02/98	40 Days
4. Metals	05/12/98	6 Months
5. Mercury	05/12/98	28 Days

Laboratory Chronicle

Lab ID: 3561 **Site:** M-5

	Date	Hold Time
Date Sampled	05/11/98	NA
Receipt/Refrigeration	05/11/98	NA
Extractions		
1. Base Neutrals	05/12/98	14 Days
2. Pest/PCB's	05/12/98	07 Days
Analyses		
1. Volatile Organics	05/21/98	14 Days
2. Base Neutrals	05/18/98	40 Days
3. Pest/PCB's	06/13/98	40 Days
4. Metals	06/02/98	6 Months
5. Mercury	06/02/98	28 Days

Laboratory Chronicle

Lab ID: 3567 **Site:** M-5

	Date	Hold Time
Date Sampled	05/14/98	NA
Receipt/Refrigeration	05/14/98	NA
Extractions		
1. Base Neutrals	05/15/98	14 Days
2. Pest/PCB's	05/15/98	07 Days
Analyses		
1. Volatile Organics	05/21,22/98	14 Days
2. Base Neutrals	05/28/98	40 Days
3. Pest/PCB's	06/13/98	40 Days
4. Metals	06/02/98	6 Months
5. Mercury	05/18/98	28 Days

Laboratory Chronicle

Lab ID: 3571 **Site:** M-5

	Date	Hold Time
Date Sampled	05/15/98	NA
Receipt/Refrigeration	05/15/98	NA
Extractions		
1. Base Neutrals	05/18/98	14 Days
2. Pest/PCB's	05/18/98	07 Days
Analyses		
1. Volatile Organics	05/22,26/98	14 Days
2. Base Neutrals	05/28/98	40 Days
3. Pest/PCB's	06/13/98	40 Days
4. Metals	06/02/98	6 Months
5. Mercury	05/18/98	28 Days

Laboratory Chronicle

Lab ID: 3576 **Site:** M-5

	Date	Hold Time
Date Sampled	05/18/98	NA
Receipt/Refrigeration	05/18/98	NA
Extractions		
1. Base Neutrals	05/20/98	14 Days
2. Pest/PCB's	05/20/98	07 Days
Analyses		
1. Volatile Organics	05/26,27/98	14 Days
2. Base Neutrals	05/28/98	40 Days
3. Pest/PCB's	06/13/98	40 Days
4. Metals	06/02/98	6 Months
5. Mercury	06/02/98	28 Days

Laboratory Chronicle

Lab ID: 3580 **Site:** M-5

	Date	Hold Time
Date Sampled	05/19/98	NA
Receipt/Refrigeration	05/19/98	NA
Extractions		
1. Base Neutrals	05/20/98	14 Days
2. Pest/PCB's	05/20/98	07 Days
Analyses		
1. Volatile Organics	05/27/98	14 Days
2. Base Neutrals	05/23,28/98	40 Days
3. Pest/PCB's	06/14/98	40 Days
4. Metals	06/02/98	6 Months
5. Mercury	06/02/98	28 Days

Laboratory Chronicle

Lab ID: 3584 **Site:** M-5

	Date	Hold Time
Date Sampled	05/20/98	NA
Receipt/Refrigeration	05/21/98*	NA
Extractions		
1. Base Neutrals	05/21/98	14 Days
2. Pest/PCB's	05/21/98	07 Days
Analyses		
1. Volatile Organics	05/29/98 06/02/98	14 Days
2. Base Neutrals	05/24,29/98 06/06,15/98	40 Days
3. Pest/PCB's	06/14/98	40 Days
4. Metals	06/02/98	6 Months
5. Mercury	06/02/98	28 Days

*Samples received after 4:15 and refrigerated on 05/20/98.

Laboratory Chronicle

Lab ID: 3588 **Site:** M-5

	Date	Hold Time
Date Sampled	05/21/98	NA
Receipt/Refrigeration	05/22/98*	NA
Extractions		
1. Base Neutrals	05/22/98	14 Days
2. Pest/PCB's	05/22/98	07 Days
Analyses		
1. Volatile Organics	06/02,03/98	14 Days
2. Base Neutrals	06/06/98	40 Days
3. Pest/PCB's	06/20/98	40 Days
4. Metals	06/02/98	6 Months
5. Mercury	06/02/98	28 Days

*Samples received after 4:15 and refrigerated on 05/21/98.

Laboratory Chronicle

Lab ID: 3593 **Site:** M-5

	Date	Hold Time
Date Sampled	05/26/98	NA
Receipt/Refrigeration	05/26/98	NA
Extractions		
1. Base Neutrals	05/27/98	14 Days
2. Pest/PCB's	05/27/98	07 Days
Analyses		
1. Volatile Organics	06/04/98	14 Days
2. Base Neutrals	06/03/98	40 Days
3. Pest/PCB's	06/20/98	40 Days
4. Metals	06/02/98	6 Months
5. Mercury	06/02/98	28 Days

Laboratory Chronicle

Lab ID: 3665 **Site:** M-5

	Date	Hold Time
Date Sampled	06/17/98	NA
Receipt/Refrigeration	06/18/98*	NA
Extractions		
1. Base Neutrals	06/18/98	14 Days
2. Pest/PCB's	06/18/98	07 Days
Analyses		
1. Volatile Organics	06/22,23/98	14 Days
2. Base Neutrals	06/22/98	40 Days
3. Pest/PCB's	07/24/98	40 Days
4. Metals	07/01/98	6 Months
5. Mercury	07/06/98	28 Days

* Sample received after 4:15 and refrigerated on 06/17/98.

Laboratory Chronicle

Lab ID: 3686 **Site:** M-5

	Date	Hold Time
Date Sampled	06/26/98	NA
Receipt/Refrigeration	06/26/98	NA
Extractions		
1. Base Neutrals	06/18/98	14 Days
2. Pest/PCB's	06/18/98	07 Days
Analyses		
1. Volatile Organics	07/08,09/98	14 Days
2. Base Neutrals	06/29/98	40 Days
3. Pest/PCB's	08/05/98	40 Days
4. Metals	07/01/98	6 Months
5. Mercury	07/06/98	28 Days

Laboratory Chronicle

Lab ID: 3688 **Site:** M-5

	Date	Hold Time
Date Sampled	06/29/98	NA
Receipt/Refrigeration	06/29/98	NA
Extractions		
1. Base Neutrals	06/30/98	14 Days
2. Pest/PCB's	06/30/98	07 Days
Analyses		
1. Volatile Organics	07/08,09/98	14 Days
2. Base Neutrals	07/06,07/98	40 Days
3. Pest/PCB's	08/05/98	40 Days
4. Metals	07/01/98	6 Months
5. Mercury	07/06/98	28 Days

Laboratory Chronicle

Lab ID: 3722 **Site:** M-5

	Date	Hold Time
Date Sampled	07/13/98	NA
Receipt/Refrigeration	07/13/98	NA
Extractions		
1. Base Neutrals	07/14/98	14 Days
2. Pest/PCB's	07/14/98	07 Days
Analyses		
1. Volatile Organics	07/17,20/98	14 Days
2. Base Neutrals	07/16/98	40 Days
3. Pest/PCB's	08/22/98	40 Days
4. Metals	08/12/98	6 Months
5. Mercury	07/29/98	28 Days

Laboratory Chronicle

Lab ID: 3805 **Site:** M-5

	Date	Hold Time
Date Sampled	08/12/98	NA
Receipt/Refrigeration	08/12/98	NA
Extractions		
1. Base Neutrals	08/13/98	14 Days
2. Pest/PCB's	08/13,14/98	07 Days
Analyses		
1. Volatile Organics	08/24/98	14 Days
2. Base Neutrals	08/22/98 09/03,04/98	40 Days
3. Pest/PCB's	09/10,11/98	40 Days
4. Metals	08/31/98	6 Months
5. Mercury	08/20/98	28 Days

Laboratory Chronicle

Lab ID: 3809 **Site:** M-5

	Date	Hold Time
Date Sampled	08/13/98	NA
Receipt/Refrigeration	08/13/98	NA
Extractions		
1. Base Neutrals	08/17/98	14 Days
2. Pest/PCB's	08/14/98	07 Days
Analyses		
1. Volatile Organics	08/24,25/98	14 Days
2. Base Neutrals	09/10,11/98	40 Days
3. Pest/PCB's	09/22,23/98	40 Days
4. Metals	08/31/98	6 Months
5. Mercury	08/20/98	28 Days

Laboratory Chronicle

Lab ID: 3812 **Site:** M-5

	Date	Hold Time
Date Sampled	08/14/98	NA
Receipt/Refrigeration	08/14/98	NA
Extractions		
1. Base Neutrals	08/17/98	14 Days
2. Pest/PCB's	08/18/98	07 Days
Analyses		
1. Volatile Organics	08/25/98	14 Days
2. Base Neutrals	09/14/98	40 Days
3. Pest/PCB's	09/24/98	40 Days
4. Metals	08/31/98	6 Months
5. Mercury	08/31/98	28 Days

Laboratory Chronicle

Lab ID: 3827 **Site:** M-5

	Date	Hold Time
Date Sampled	08/25/98	NA
Receipt/Refrigeration	08/25/98	NA
Extractions		
1. Base Neutrals	08/26/98	14 Days
2. Pest/PCB's	08/26/98	07 Days
Analyses		
1. Volatile Organics	09/02/98	14 Days
2. Base Neutrals	09/14,15/98	40 Days
3. Pest/PCB's	10/01/98	40 Days
4. Metals	08/31/98	6 Months
5. Mercury	08/31/98	28 Days

Laboratory Chronicle

Lab ID: 3836 **Site:** M-5

	Date	Hold Time
Date Sampled	08/26/98	NA
Receipt/Refrigeration	08/27/98*	NA
Extractions		
1. Base Neutrals	08/27/98	14 Days
2. Pest/PCB's	08/27/98	07 Days
Analyses		
1. Volatile Organics	09/08/98	14 Days
2. Base Neutrals	09/21,22/98	40 Days
3. Pest/PCB's	10/03,05/98	40 Days
4. Metals	08/31/98	6 Months
5. Mercury	08/31/98	28 Days

* Samples received after 4:15 and refrigerated on 08/26/98.

SOIL CLEAN-UP CRITERIA

Soil Cleanup Criteria

Compound	mg/kg
Acrolein	NLE
Acrylonitrile	1
tert-Butyl alcohol	NLE
Methyl-tert-Butyl ether	NLE
Di-isopropyl ether	NLE
Dichlorodifluoromethane	NLE
Chloromethane	520
Vinyl Chloride	2
Bromomethane	79
Chloroethane	NLE
Trichlorofluoromethane	NLE
1,1-Dichloroethene	8
Acetone	1000
Carbon Disulfide	NLE
Methylene Chloride	49
trans-1,2-Dichloroethene	1000
1,1-Dichloroethane	570
Vinyl Acetate	NLE
2-Butanone	1000
cis-1,2-Dichloroethene	79
Chloroform	19
1,1,1-Trichloroethane	210
Carbon Tetrachloride	2
Benzene	3
1,2-Dichloroethane	6
Trichloroethene	23
1,2-Dichloropropane	10
Bromodichloromethane	11
2-Chloroethyl vinyl ether	NLE
cis-1,3-Dichloropropene	4
4-Methyl-2-Pentanone	1000
Toluene	1000
trans-1,3-Dichloropropene	4
1,1,2-Trichloroethane	22
Tetrachloroethene	4
2-Hexanone	NLE
Dibromochloromethane	110
Chlorobenzene	37
Ethylbenzene	1000
Total Xylenes	410
Styrene	23
Bromoform	86
1,1,2,2-Tetrachloroethane	34
Anthracene	10000
Di-n-butylphthalate	5700
Fluoranthene	2300
Benzidine	NLE
Pyrene	1700
Butylbenzylphthalate	1100
Benzo(a)anthracene	0.9
3,3'-Dichlorobenzidine	2
bis(2-Ethylhexyl)phthalate	49
Di-n-octylphthalate	1100
Benzo(b)fluoranthene	0.9
Benzo(k)fluoranthene	0.9
Benzo(a)pyrene	0.66
Indeno(1,2,3-cd)pyrene	0.9

Compound	mg/kg
Pyridine	NLE
N-nitroso-dimethylamine	NLE
Aniline	NLE
Phenol	10000
bis(2-Chloroethyl)ether	0.66
2-Chlorophenol	280
1,3-Dichlorobenzene	5100
1,4-Dichlorobenzene	570
Benzyl alcohol	10000
1,2-Dichlorobenzene	5100
2-Methylphenol	2800
bis(2-chloroisopropyl)ether	2300
4-Methylphenol	2800
n-Nitroso-di-n-propylamine	0.66
Hexachloroethane	6
Nitrobenzene	28
Isophorone	1100
2-Nitrophenol	NLE
2,4-Dimethylphenol	1100
bis(2-Chloroethoxy) methane	NLE
2,4-Dichlorophenol	170
Benzoic Acid	NLE
1,2,4-Trichlorobenzene	68
Naphthalene	230
4-Chloroaniline	230
Hexachlorobutadiene	1
2,4,6-Trichlorophenol	62
2,4,5-Trichlorophenol	5600
2-Chloronaphthalene	NLE
4-Chloro-3-methylphenol	10000
2-Methylnaphthalene	NLE
Hexachlorocyclopentadiene	400
2-Nitroaniline	NLE
Dimethylphthalate	NLE
Acenaphthylene	NLE
2,6-Dinitrotoluene	NLE
3-Nitroaniline	NLE
Acenaphthene	3400
2,4-Dinitrophenol	110
4-Nitrophenol	NLE
Dibenzofuran	NLE
2,4-Dinitrotoluene	1
Diethylphthalate	10000
Fluorene	2300
4-Chlorophenyl-phenylether	NLE
4-Nitroaniline	NLE
4,6-Dinitro-2-methylphenol	NLE
n-Nitrosodiphenylamine	140
4-Bromophenyl-phenylether	NLE
Hexachlorobenzene	0.66
Pentachlorophenol	6
Phenanthrene	NLE
Dibenz(a,h)anthracene	0.66
Benzo(g,h,i)perylene	NLE
Azobenzene	NLE
Chrysene	9

NLE- No Limits Established

QUALIFIER CODES

US ARMY FT. MONMOUTH ENVIRONMENTAL LABORATORY
NJDEPE # 13461

Definition of Qualifiers

MDL : Method Detection Limit
J : Compound identified below detection limit
B : Compound in both sample and blank
D : Results from dilution of sample
U : Compound searched for but not detected

ANALYTICAL RESULTS

METHOD BLANKS

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

VBLK48

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3465 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK48

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03520.D

Level: (low/med) MED Date Received: 04/08/98

% Moisture: not dec. 0 Date Analyzed: 04/10/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

VBLK48

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3465 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK48

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03520.D

Level: (low/med) MED Date Received: 04/08/98

% Moisture: not dec. 0 Date Analyzed: 04/10/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

VBLK48

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3465 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK48

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03520.D

Level: (low/med) MED Date Received: 04/08/98

% Moisture: not dec. 0 Date Analyzed: 04/10/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

VBLK49

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3470 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK49

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03539.D

Level: (low/med) MED Date Received: 04/09/98

% Moisture: not dec. 0 Date Analyzed: 04/13/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

VBLK49

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3470 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK49

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03539.D

Level: (low/med) MED Date Received: 04/09/98

% Moisture: not dec. 0 Date Analyzed: 04/13/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

VBLK49

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3470 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK49

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03539.D

Level: (low/med) MED Date Received: 04/09/98

% Moisture: not dec. 0 Date Analyzed: 04/13/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 2

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1. 000311-89-7	Perfluorotributylamine	4.51	1500	JN
2. 018707-60-3	2-Butenoic acid, methyl ester	6.41	1000	JN

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

VBLK50

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3473 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK50

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03563.D

Level: (low/med) MED Date Received: 04/11/98

% Moisture: not dec. 0 Date Analyzed: 04/20/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

VBLK50

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3473 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK50

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03563.D

Level: (low/med) MED Date Received: 04/11/98

% Moisture: not dec. 0 Date Analyzed: 04/20/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

VBLK50

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3473 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK50

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03563.D

Level: (low/med) MED Date Received: 04/11/98

% Moisture: not dec. 0 Date Analyzed: 04/20/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

VBLK51

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3473 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK51

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03575.D

Level: (low/med) MED Date Received: 04/11/98

% Moisture: not dec. 0 Date Analyzed: 04/22/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

VBLK51

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3473 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK51

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03575.D

Level: (low/med) MED Date Received: 04/11/98

% Moisture: not dec. 0 Date Analyzed: 04/22/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

VBLK51

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3473 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK51

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03575.D

Level: (low/med) MED Date Received: 04/11/98

% Moisture: not dec. 0 Date Analyzed: 04/22/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	unknown hydrocarbon	11.87	2100	J

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

VBLK52

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3477 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK52

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03595.D

Level: (low/med) MED Date Received: 04/13/98

% Moisture: not dec. 0 Date Analyzed: 04/23/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND (ug/L or ug/Kg) UG/KG		Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

VBLK52

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3477 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK52

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03595.D

Level: (low/med) MED Date Received: 04/13/98

% Moisture: not dec. 0 Date Analyzed: 04/23/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

VBLK52

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3477 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK52

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03595.D

Level: (low/med) MED Date Received: 04/13/98

% Moisture: not dec. 0 Date Analyzed: 04/23/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

VBLK53

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3477 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK53

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03615.D

Level: (low/med) MED Date Received: 04/13/98

% Moisture: not dec. 0 Date Analyzed: 04/24/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

VBLK53

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3477 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK53

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03615.D

Level: (low/med) MED Date Received: 04/13/98

% Moisture: not dec. 0 Date Analyzed: 04/24/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

VBLK53

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3477 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK53

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03615.D

Level: (low/med) MED Date Received: 04/13/98

% Moisture: not dec. 0 Date Analyzed: 04/24/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

VBLK54

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3479 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK54

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03634.D

Level: (low/med) MED Date Received: 04/14/98

% Moisture: not dec. 0 Date Analyzed: 04/27/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

VBLK54

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3479 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK54

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03634.D

Level: (low/med) MED Date Received: 04/14/98

% Moisture: not dec. 0 Date Analyzed: 04/27/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

VBLK54

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3479 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK54

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03634.D

Level: (low/med) MED Date Received: 04/14/98

% Moisture: not dec. 0 Date Analyzed: 04/27/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

VBLK55

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3498 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK55

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03654.D

Level: (low/med) MED Date Received: 04/20/98

% Moisture: not dec. 0 Date Analyzed: 04/28/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND (ug/L or ug/Kg) UG/KG		Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

VBLK55

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3498 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK55

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03654.D

Level: (low/med) MED Date Received: 04/20/98

% Moisture: not dec. 0 Date Analyzed: 04/28/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

VBLK55

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3498 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK55

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03654.D

Level: (low/med) MED Date Received: 04/20/98

% Moisture: not dec. 0 Date Analyzed: 04/28/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

VBLK56

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3500 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK56

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03673.D

Level: (low/med) MED Date Received: 04/21/98

% Moisture: not dec. 0 Date Analyzed: 04/29/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

VBLK56

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3500 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK56

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03673.D

Level: (low/med) MED Date Received: 04/21/98

% Moisture: not dec. 0 Date Analyzed: 04/29/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

VBLK56

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3500 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK56

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03673.D

Level: (low/med) MED Date Received: 04/21/98

% Moisture: not dec. 0 Date Analyzed: 04/29/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

VBLK57

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3501 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK57

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03692.D

Level: (low/med) MED Date Received: 4/22/98

% Moisture: not dec. 0 Date Analyzed: 4/30/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

VBLK57

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3501 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK57

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03692.D

Level: (low/med) MED Date Received: 4/22/98

% Moisture: not dec. 0 Date Analyzed: 4/30/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

VBLK57

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3501 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK57

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03692.D

Level: (low/med) MED Date Received: 04/22/98

% Moisture: not dec. 0 Date Analyzed: 04/30/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

VBLK58

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3543 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK58

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03711.D

Level: (low/med) MED Date Received: 05/04/98

% Moisture: not dec. 0 Date Analyzed: 05/05/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

VBLK58

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3539 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK58

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03711.D

Level: (low/med) MED Date Received: 05/01/98

% Moisture: not dec. 0 Date Analyzed: 05/05/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

VBLK58

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3539 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK58

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03711.D

Level: (low/med) MED Date Received: 05/01/98

% Moisture: not dec. 0 Date Analyzed: 05/05/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

VBLK58A

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3539 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK58

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03730.D

Level: (low/med) MED Date Received: 05/01/98

% Moisture: not dec. 0 Date Analyzed: 05/06/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

VBLK58A

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3539 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK58

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03730.D

Level: (low/med) MED Date Received: 05/01/98

% Moisture: not dec. 0 Date Analyzed: 05/06/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

VBLK58A

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3539 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK58

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03730.D

Level: (low/med) MED Date Received: 05/01/98

% Moisture: not dec. 0 Date Analyzed: 05/06/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

VBLK59

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3547 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK59

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03749.D

Level: (low/med) MED Date Received: 05/05/98

% Moisture: not dec. 0 Date Analyzed: 05/15/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

VBLK59

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3547 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK59

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03749.D

Level: (low/med) MED Date Received: 05/05/98

% Moisture: not dec. 0 Date Analyzed: 05/15/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

VBLK59

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3547 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK59

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03749.D

Level: (low/med) MED Date Received: 05/05/98

% Moisture: not dec. 0 Date Analyzed: 05/15/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

VBLK60

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3547 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK60

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03769.D

Level: (low/med) MED Date Received: 05/05/98

% Moisture: not dec. 0 Date Analyzed: 05/18/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

VBLK60

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3547 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK60

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03769.D

Level: (low/med) MED Date Received: 05/05/98

% Moisture: not dec. 0 Date Analyzed: 05/18/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

VBLK60

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3547 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK60

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03769.D

Level: (low/med) MED Date Received: 05/05/98

% Moisture: not dec. 0 Date Analyzed: 05/18/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Vblk61

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3550 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK61

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03792.D

Level: (low/med) MED Date Received: 5/6/98

% Moisture: not dec. 0 Date Analyzed: 5/19/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Vblk61

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3550 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK61

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03792.D

Level: (low/med) MED Date Received: 5/6/98

% Moisture: not dec. 0 Date Analyzed: 5/19/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

VBLK61

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3550 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK61

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03792.D

Level: (low/med) MED Date Received: 05/06/98

% Moisture: not dec. 0 Date Analyzed: 05/19/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

VBLK62

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3561 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK62

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03803.D

Level: (low/med) MED Date Received: 05/11/98

% Moisture: not dec. 0 Date Analyzed: 05/21/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

VBLK62

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3561 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK62

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03803.D

Level: (low/med) MED Date Received: 05/11/98

% Moisture: not dec. 0 Date Analyzed: 05/21/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

VBLK62

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3561 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK62

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03803.D

Level: (low/med) MED Date Received: 05/11/98

% Moisture: not dec. 0 Date Analyzed: 05/21/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

VBLK63

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3561 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK63

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03822.D

Level: (low/med) MED Date Received: 05/11/98

% Moisture: not dec. 0 Date Analyzed: 05/22/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

VBLK63

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3561 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK63

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03822.D

Level: (low/med) MED Date Received: 05/11/98

% Moisture: not dec. 0 Date Analyzed: 05/22/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

VBLK63

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3561 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK63

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03822.D

Level: (low/med) MED Date Received: 05/11/98

% Moisture: not dec. 0 Date Analyzed: 05/22/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

VBLK64

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3571 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK64

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03841.D

Level: (low/med) MED Date Received: 05/15/98

% Moisture: not dec. 0 Date Analyzed: 05/26/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

VBLK64

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3571 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK64

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03841.D

Level: (low/med) MED Date Received: 05/15/98

% Moisture: not dec. 0 Date Analyzed: 05/26/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

VBLK64

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3571 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK64

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03841.D

Level: (low/med) MED Date Received: 05/15/98

% Moisture: not dec. 0 Date Analyzed: 05/26/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

VBLK65

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3576 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK65

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03860.D

Level: (low/med) MED Date Received: 05/18/98

% Moisture: not dec. 0 Date Analyzed: 05/27/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

VBLK65

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3576 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK65

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03860.D

Level: (low/med) MED Date Received: 05/18/98

% Moisture: not dec. 0 Date Analyzed: 05/27/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

VBLK65

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3576 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK65

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03860.D

Level: (low/med) MED Date Received: 05/18/98

% Moisture: not dec. 0 Date Analyzed: 05/27/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

VBLK67

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3580 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK67

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03904.D

Level: (low/med) MED Date Received: 05/19/98

% Moisture: not dec. 0 Date Analyzed: 05/29/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

VBLK67

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3580 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK67

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03904.D

Level: (low/med) MED Date Received: 05/19/98

% Moisture: not dec. 0 Date Analyzed: 05/29/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

VBLK67

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3580 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK67

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03904.D

Level: (low/med) MED Date Received: 05/19/98

% Moisture: not dec. 0 Date Analyzed: 05/29/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

VBLK69

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3584 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK69

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03952.D

Level: (low/med) MED Date Received: 05/21/98

% Moisture: not dec. 0 Date Analyzed: 06/02/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

VBLK69

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3584 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK69

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03952.D

Level: (low/med) MED Date Received: 05/21/98

% Moisture: not dec. 0 Date Analyzed: 06/02/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

VBLK69

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3584 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK69

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03952.D

Level: (low/med) MED Date Received: 05/21/98

% Moisture: not dec. 0 Date Analyzed: 06/02/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

VBLK70

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3588 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK70

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03972.D

Level: (low/med) MED Date Received: 05/22/98

% Moisture: not dec. 0 Date Analyzed: 06/03/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

VBLK70

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3588 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK70

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03972.D

Level: (low/med) MED Date Received: 05/22/98

% Moisture: not dec. 0 Date Analyzed: 06/03/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

VBLK70

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3588 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK70

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03972.D

Level: (low/med) MED Date Received: 05/22/98

% Moisture: not dec. 0 Date Analyzed: 06/03/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

VBLK71

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3593 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK71

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03991.D

Level: (low/med) MED Date Received: 05/26/98

% Moisture: not dec. 0 Date Analyzed: 06/04/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

VBLK71

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3593 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK71

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03991.D

Level: (low/med) MED Date Received: 05/26/98

% Moisture: not dec. 0 Date Analyzed: 06/04/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

VBLK71

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3593 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK71

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03991.D

Level: (low/med) MED Date Received: 05/26/98

% Moisture: not dec. 0 Date Analyzed: 06/04/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

VBLK80

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3665 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK80

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04200.D

Level: (low/med) MED Date Received: 06/18/98

% Moisture: not dec. 0 Date Analyzed: 06/22/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

VBLK80

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3665 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK80

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04200.D

Level: (low/med) MED Date Received: 06/18/98

% Moisture: not dec. 0 Date Analyzed: 06/22/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

VBLK80

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3665 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK80

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04200.D

Level: (low/med) MED Date Received: 06/18/98

% Moisture: not dec. 0 Date Analyzed: 06/22/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	unknown	11.88	5600	J

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

VBLK81

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3665 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK81

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04219.D

Level: (low/med) MED Date Received: 06/18/98

% Moisture: not dec. 0 Date Analyzed: 06/23/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

VBLK81

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3665 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK81

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04219.D

Level: (low/med) MED Date Received: 06/18/98

% Moisture: not dec. 0 Date Analyzed: 06/23/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

VBLK81

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3665 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK81

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04219.D

Level: (low/med) MED Date Received: 06/18/98

% Moisture: not dec. 0 Date Analyzed: 06/23/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	unknown	11.88	5100	J

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

VBLK82

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3686 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK82

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04253.D

Level: (low/med) MED Date Received: 06/26/98

% Moisture: not dec. 0 Date Analyzed: 07/08/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

VBLK82

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3686 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK82

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04253.D

Level: (low/med) MED Date Received: 06/26/98

% Moisture: not dec. 0 Date Analyzed: 07/08/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

VBLK82

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3686 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK82

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04253.D

Level: (low/med) MED Date Received: 06/26/98

% Moisture: not dec. 0 Date Analyzed: 07/08/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

VBLK83

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3686 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK83

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04266.D

Level: (low/med) MED Date Received: 06/26/98

% Moisture: not dec. 0 Date Analyzed: 07/09/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

VBLK83

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3686 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK83

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04266.D

Level: (low/med) MED Date Received: 06/26/98

% Moisture: not dec. 0 Date Analyzed: 07/09/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

VBLK83

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3686 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK83

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04266.D

Level: (low/med) MED Date Received: 06/26/98

% Moisture: not dec. 0 Date Analyzed: 07/09/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

VBLK85

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3722 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK85

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04321.D

Level: (low/med) MED Date Received: 07/13/98

% Moisture: not dec. 0 Date Analyzed: 07/17/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

VBLK85

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3722 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK85

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04321.D

Level: (low/med) MED Date Received: 07/13/98

% Moisture: not dec. 0 Date Analyzed: 07/17/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

VBLK85

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3722 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK85

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04321.D

Level: (low/med) MED Date Received: 07/13/98

% Moisture: not dec. 0 Date Analyzed: 07/17/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

VBLK86

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3722 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK86

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04340.D

Level: (low/med) MED Date Received: 07/13/98

% Moisture: not dec. 0 Date Analyzed: 07/20/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

VBLK86

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3722 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK86

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04340.D

Level: (low/med) MED Date Received: 07/13/98

% Moisture: not dec. 0 Date Analyzed: 07/20/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

VBLK86

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3722 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK86

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04340.D

Level: (low/med) MED Date Received: 07/13/98

% Moisture: not dec. 0 Date Analyzed: 07/20/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

VBLK38

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3805 SDG No: _____ Location: M-5

Matrix (soil/water) SOIL Lab Sample ID: VBLK38

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB01304.D

Level: (low/med) MED Date Received: 08/12/98

% Moisture: not dec. 0 Date Analyzed: 08/24/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

VBLK38

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3805 SDG No: _____ Location: M-5

Matrix (soil/water) SOIL Lab Sample ID: VBLK38

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB01304.D

Level: (low/med) MED Date Received: 08/12/98

% Moisture: not dec. 0 Date Analyzed: 08/24/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

VBLK38

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3805 SDG No: _____ Location: M-5

Matrix (soil/water) SOIL Lab Sample ID: VBLK38

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB01304.D

Level: (low/med) MED Date Received: 08/12/98

% Moisture: not dec. 0 Date Analyzed: 08/24/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

VBLK91

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3805 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK91

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04487.D

Level: (low/med) MED Date Received: 08/12/98

% Moisture: not dec. 0 Date Analyzed: 08/24/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

VBLK91

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3805 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK91

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04487.D

Level: (low/med) MED Date Received: 08/12/98

% Moisture: not dec. 0 Date Analyzed: 08/24/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

VBLK91

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3805 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK91

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04487.D

Level: (low/med) MED Date Received: 08/12/98

% Moisture: not dec. 0 Date Analyzed: 08/24/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

VBLK39

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3809 SDG No: Location: M-5

Matrix (soil/water) SOIL Lab Sample ID: VBLK39

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB01322.D

Level: (low/med) MED Date Received: 08/13/98

% Moisture: not dec. 0 Date Analyzed: 08/24/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

VBLK39

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3809 SDG No: Location: M-5

Matrix (soil/water) SOIL Lab Sample ID: VBLK39

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB01322.D

Level: (low/med) MED Date Received: 08/13/98

% Moisture: not dec. 0 Date Analyzed: 08/24/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

VBLK39

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3809 SDG No: Location: M-5

Matrix: (soil/water) SOIL Lab Sample ID: VBLK39

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB01322.D

Level: (low/med) MED Date Received: 08/13/98

% Moisture: not dec. 0 Date Analyzed: 08/24/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

VBLK92

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3812 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK92

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04505.D

Level: (low/med) MED Date Received: 08/14/98

% Moisture: not dec. 0 Date Analyzed: 08/25/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND (ug/L or ug/Kg) UG/KG		Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

VBLK92

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3812 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK92

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04505.D

Level: (low/med) MED Date Received: 08/14/98

% Moisture: not dec. 0 Date Analyzed: 08/25/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

VBLK92

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3812 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK92

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04505.D

Level: (low/med) MED Date Received: 08/14/98

% Moisture: not dec. 0 Date Analyzed: 08/25/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

VBLK93

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3827 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK93

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04524.D

Level: (low/med) MED Date Received: 08/25/98

% Moisture: not dec. 0 Date Analyzed: 09/02/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

VBLK93

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3827 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK93

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04524.D

Level: (low/med) MED Date Received: 08/25/98

% Moisture: not dec. 0 Date Analyzed: 09/02/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

VBLK93

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3827 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK93

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04524.D

Level: (low/med) MED Date Received: 08/25/98

% Moisture: not dec. 0 Date Analyzed: 09/02/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

VBLK43

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3836 SDG No: _____ Location: M-5

Matrix (soil/water) SOIL Lab Sample ID: VBLK43

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB01441.D

Level: (low/med) MED Date Received: 08/27/98

% Moisture: not dec. 0 Date Analyzed: 09/08/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

VBLK43

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3836 SDG No: _____ Location: M-5

Matrix (soil/water) SOIL Lab Sample ID: VBLK43

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB01441.D

Level: (low/med) MED Date Received: 08/27/98

% Moisture: not dec. 0 Date Analyzed: 09/08/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND (ug/L or ug/Kg)	UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

VBLK43

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3836 SDG No: _____ Location: M-5

Matrix (soil/water) SOIL Lab Sample ID: VBLK43

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB01441.D

Level: (low/med) MED Date Received: 08/27/98

% Moisture: not dec. 0 Date Analyzed: 09/08/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

VBLK94

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3836 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK94

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04547.D

Level: (low/med) MED Date Received: 08/27/98

% Moisture: not dec. 0 Date Analyzed: 09/08/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

VBLK94

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3836 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK94

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04547.D

Level: (low/med) MED Date Received: 08/27/98

% Moisture: not dec. 0 Date Analyzed: 09/08/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

VBLK94

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3836 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK94

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04547.D

Level: (low/med) MED Date Received: 08/27/98

% Moisture: not dec. 0 Date Analyzed: 09/08/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

TRIP BLANKS

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3465 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3465.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03524.D

Level: (low/med) MED Date Received: 04/08/98

% Moisture: not dec. 0 Date Analyzed: 04/10/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3465 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3465.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03524.D

Level: (low/med) MED Date Received: 04/08/98

% Moisture: not dec. 0 Date Analyzed: 04/10/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND (ug/L or ug/Kg)	UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3465 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3465.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03524.D

Level: (low/med) MED Date Received: 04/08/98

% Moisture: not dec. 0 Date Analyzed: 04/10/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3470 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3470.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03540.D

Level: (low/med) MED Date Received: 04/09/98

% Moisture: not dec. 0 Date Analyzed: 04/13/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3470 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3470.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03540.D

Level: (low/med) MED Date Received: 04/09/98

% Moisture: not dec. 0 Date Analyzed: 04/13/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3470 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3470.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03540.D

Level: (low/med) MED Date Received: 04/09/98

% Moisture: not dec. 0 Date Analyzed: 04/13/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3472 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3472.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03549.D

Level: (low/med) MED Date Received: 4/10/98

% Moisture: not dec. 0 Date Analyzed: 4/13/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3472 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3472.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03549.D

Level: (low/med) MED Date Received: 4/10/98

% Moisture: not dec. 0 Date Analyzed: 4/13/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3473 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3473.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03564.D

Level: (low/med) MED Date Received: 04/11/98

% Moisture: not dec. 0 Date Analyzed: 04/20/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3473 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3473.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03564.D

Level: (low/med) MED Date Received: 04/11/98

% Moisture: not dec. 0 Date Analyzed: 04/20/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3473 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3473.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03564.D

Level: (low/med) MED Date Received: 04/11/98

% Moisture: not dec. 0 Date Analyzed: 04/20/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3477 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3477.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03616.D

Level: (low/med) MED Date Received: 04/13/98

% Moisture: not dec. 0 Date Analyzed: 04/24/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3477 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3477.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03616.D

Level: (low/med) MED Date Received: 04/13/98

% Moisture: not dec. 0 Date Analyzed: 04/24/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3477 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3477.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03616.D

Level: (low/med) MED Date Received: 04/13/98

% Moisture: not dec. 0 Date Analyzed: 04/24/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3479 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3479.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03624.D

Level: (low/med) MED Date Received: 04/14/98

% Moisture: not dec. 0 Date Analyzed: 04/24/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3479 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3479.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03624.D

Level: (low/med) MED Date Received: 04/14/98

% Moisture: not dec. 0 Date Analyzed: 04/24/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3479 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3479.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03624.D

Level: (low/med) MED Date Received: 04/14/98

% Moisture: not dec. 0 Date Analyzed: 04/24/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	unknown hydrocarbon	13.17	2900	J

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3485 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3485.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03638.D

Level: (low/med) MED Date Received: 04/15/45

% Moisture: not dec. 0 Date Analyzed: 04/27/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3485 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3485.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03638.D

Level: (low/med) MED Date Received: 04/15/45

% Moisture: not dec. 0 Date Analyzed: 04/27/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3485 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3485.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03638.D

Level: (low/med) MED Date Received: 04/15/45

% Moisture: not dec. 0 Date Analyzed: 04/27/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3498 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3498.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03647.D

Level: (low/med) MED Date Received: 04/20/98

% Moisture: not dec. 0 Date Analyzed: 04/27/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3498 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3498.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03647.D

Level: (low/med) MED Date Received: 04/20/98

% Moisture: not dec. 0 Date Analyzed: 04/27/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3498 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3498.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03647.D

Level: (low/med) MED Date Received: 04/20/98

% Moisture: not dec. 0 Date Analyzed: 04/27/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3500 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3500.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03662.D

Level: (low/med) MED Date Received: 04/21/98

% Moisture: not dec. 0 Date Analyzed: 04/28/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3500 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3500.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03662.D

Level: (low/med) MED Date Received: 04/21/98

% Moisture: not dec. 0 Date Analyzed: 04/28/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3500 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3500.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03662.D

Level: (low/med) MED Date Received: 04/21/98

% Moisture: not dec. 0 Date Analyzed: 04/28/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3501 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3501.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03678.D

Level: (low/med) MED Date Received: 4/22/98

% Moisture: not dec. 0 Date Analyzed: 4/29/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3501 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3501.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03678.D

Level: (low/med) MED Date Received: 4/22/98

% Moisture: not dec. 0 Date Analyzed: 4/29/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3501 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3501.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03678.D

Level: (low/med) MED Date Received: 04/22/98

% Moisture: not dec. 0 Date Analyzed: 04/29/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3539 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3539.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03731.D

Level: (low/med) MED Date Received: 05/01/98

% Moisture: not dec. 0 Date Analyzed: 05/06/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3539 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3539.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03731.D

Level: (low/med) MED Date Received: 05/01/98

% Moisture: not dec. 0 Date Analyzed: 05/06/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3539 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3539.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03731.D

Level: (low/med) MED Date Received: 05/01/98

% Moisture: not dec. 0 Date Analyzed: 05/06/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3543 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3543.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03719.D

Level: (low/med) MED Date Received: 05/04/98

% Moisture: not dec. 0 Date Analyzed: 05/05/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3543 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3543.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03719.D

Level: (low/med) MED Date Received: 05/04/98

% Moisture: not dec. 0 Date Analyzed: 05/05/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3543 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3543.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03719.D

Level: (low/med) MED Date Received: 05/04/98

% Moisture: not dec. 0 Date Analyzed: 05/05/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3547 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3547.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03774.D

Level: (low/med) MED Date Received: 05/05/98

% Moisture: not dec. 0 Date Analyzed: 05/18/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3547 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3547.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03774.D

Level: (low/med) MED Date Received: 05/05/98

% Moisture: not dec. 0 Date Analyzed: 05/18/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3547 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3547.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03774.D

Level: (low/med) MED Date Received: 05/05/98

% Moisture: not dec. 0 Date Analyzed: 05/18/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 3

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1. 000095-93-2	Benzene, 1,2,4,5-tetramethyl-	28.05	2100	JN
2. 027133-93-3	2,3-Dihydro-1-methylindene	30.77	1600	JN
3. 000824-22-6	1H-Indene, 2,3-dihydro-4-methyl-	31.87	2400	JN

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3550 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3550.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03780.D

Level: (low/med) MED Date Received: 05/06/98

% Moisture: not dec. 0 Date Analyzed: 05/18/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3550 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3550.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03780.D

Level: (low/med) MED Date Received: 05/06/98

% Moisture: not dec. 0 Date Analyzed: 05/18/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3550 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3550.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03780.D

Level: (low/med) MED Date Received: 05/06/98

% Moisture: not dec. 0 Date Analyzed: 05/18/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3561 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3561.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03804.D

Level: (low/med) MED Date Received: 05/11/98

% Moisture: not dec. 0 Date Analyzed: 05/21/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3561 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3561.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03804.D

Level: (low/med) MED Date Received: 05/11/98

% Moisture: not dec. 0 Date Analyzed: 05/21/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3561 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3561.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03804.D

Level: (low/med) MED Date Received: 05/11/98

% Moisture: not dec. 0 Date Analyzed: 05/21/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3567 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3567.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03815.D

Level: (low/med) MED Date Received: 05/14/98

% Moisture: not dec. 0 Date Analyzed: 05/21/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3567 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3567.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03815.D

Level: (low/med) MED Date Received: 05/14/98

% Moisture: not dec. 0 Date Analyzed: 05/21/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3567 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3567.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03815.D

Level: (low/med) MED Date Received: 05/14/98

% Moisture: not dec. 0 Date Analyzed: 05/21/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3571 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3571.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03835.D

Level: (low/med) MED Date Received: 05/15/98

% Moisture: not dec. 0 Date Analyzed: 05/22/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3571 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3571.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03835.D

Level: (low/med) MED Date Received: 05/15/98

% Moisture: not dec. 0 Date Analyzed: 05/22/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3571 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3571.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03835.D

Level: (low/med) MED Date Received: 05/15/98

% Moisture: not dec. 0 Date Analyzed: 05/22/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3576 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3576.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03861.D

Level: (low/med) MED Date Received: 05/18/98

% Moisture: not dec. 0 Date Analyzed: 05/27/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3576 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3576.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03861.D

Level: (low/med) MED Date Received: 05/18/98

% Moisture: not dec. 0 Date Analyzed: 05/27/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3576 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3576.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03861.D

Level: (low/med) MED Date Received: 05/18/98

% Moisture: not dec. 0 Date Analyzed: 05/27/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3580 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3580.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03865.D

Level: (low/med) MED Date Received: 05/19/98

% Moisture: not dec. 0 Date Analyzed: 05/27/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3580 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3580.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03865.D

Level: (low/med) MED Date Received: 05/19/98

% Moisture: not dec. 0 Date Analyzed: 05/27/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3580 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3580.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03865.D

Level: (low/med) MED Date Received: 05/19/98

% Moisture: not dec. 0 Date Analyzed: 05/27/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3584 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3584.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03912.D

Level: (low/med) MED Date Received: 05/21/98

% Moisture: not dec. 0 Date Analyzed: 05/29/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3584 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3584.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03912.D

Level: (low/med) MED Date Received: 05/21/98

% Moisture: not dec. 0 Date Analyzed: 05/29/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3584 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3584.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03912.D

Level: (low/med) MED Date Received: 05/21/98

% Moisture: not dec. 0 Date Analyzed: 05/29/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3588 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3588.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03962.D

Level: (low/med) MED Date Received: 05/22/98

% Moisture: not dec. 0 Date Analyzed: 06/02/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3588 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3588.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03962.D

Level: (low/med) MED Date Received: 05/22/98

% Moisture: not dec. 0 Date Analyzed: 06/02/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3588 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3588.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03962.D

Level: (low/med) MED Date Received: 05/22/98

% Moisture: not dec. 0 Date Analyzed: 06/02/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3593 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3593.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03992.D

Level: (low/med) MED Date Received: 05/26/98

% Moisture: not dec. 0 Date Analyzed: 06/04/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3593 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3593.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03992.D

Level: (low/med) MED Date Received: 05/26/98

% Moisture: not dec. 0 Date Analyzed: 06/04/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3593 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3593.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03992.D

Level: (low/med) MED Date Received: 05/26/98

% Moisture: not dec. 0 Date Analyzed: 06/04/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3665 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3665.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04222.D

Level: (low/med) MED Date Received: 06/18/98

% Moisture: not dec. 0 Date Analyzed: 06/23/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3665 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3665.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04222.D

Level: (low/med) MED Date Received: 06/18/98

% Moisture: not dec. 0 Date Analyzed: 06/23/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3665 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3665.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04222.D

Level: (low/med) MED Date Received: 06/18/98

% Moisture: not dec. 0 Date Analyzed: 06/23/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3686 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3686.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04267.D

Level: (low/med) MED Date Received: 06/26/98

% Moisture: not dec. 0 Date Analyzed: 07/09/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3686 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3686.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04267.D

Level: (low/med) MED Date Received: 06/26/98

% Moisture: not dec. 0 Date Analyzed: 07/09/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3686 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3686.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04267.D

Level: (low/med) MED Date Received: 06/26/98

% Moisture: not dec. 0 Date Analyzed: 07/09/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3688 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3688.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04259.D

Level: (low/med) MED Date Received: 06/29/98

% Moisture: not dec. 0 Date Analyzed: 07/08/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3688 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3688.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04259.D

Level: (low/med) MED Date Received: 06/29/98

% Moisture: not dec. 0 Date Analyzed: 07/08/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3688 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3688.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04259.D

Level: (low/med) MED Date Received: 06/29/98

% Moisture: not dec. 0 Date Analyzed: 07/08/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3722 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3722.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04331.D

Level: (low/med) MED Date Received: 07/13/98

% Moisture: not dec. 0 Date Analyzed: 07/17/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3722 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3722.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04331.D

Level: (low/med) MED Date Received: 07/13/98

% Moisture: not dec. 0 Date Analyzed: 07/17/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3722 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3722.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04331.D

Level: (low/med) MED Date Received: 07/13/98

% Moisture: not dec. 0 Date Analyzed: 07/17/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3805 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3805.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04488.D

Level: (low/med) MED Date Received: 08/12/98

% Moisture: not dec. 0 Date Analyzed: 08/24/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3805 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3805.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04488.D

Level: (low/med) MED Date Received: 08/12/98

% Moisture: not dec. 0 Date Analyzed: 08/24/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3805 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3805.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04488.D

Level: (low/med) MED Date Received: 08/12/98

% Moisture: not dec. 0 Date Analyzed: 08/24/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

TRIP BLANK

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3809 SDG No: Location: M-5

Matrix (soil/water) SOIL Lab Sample ID: 3809.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB01311.D

Level: (low/med) MED Date Received: 08/13/98

% Moisture: not dec. 0 Date Analyzed: 08/24/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	320	
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

TRIP BLANK

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3809 SDG No: Location: M-5

Matrix (soil/water) SOIL Lab Sample ID: 3809.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB01311.D

Level: (low/med) MED Date Received: 08/13/98

% Moisture: not dec. 0 Date Analyzed: 08/24/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

TRIP BLANK

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3809 SDG No: _____ Location: M-5

Matrix (soil/water) SOIL Lab Sample ID: 3809.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB01311.D

Level: (low/med) MED Date Received: 08/13/98

% Moisture: not dec. 0 Date Analyzed: 08/24/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3812 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3812.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04506.D

Level: (low/med) MED Date Received: 08/14/98

% Moisture: not dec. 0 Date Analyzed: 08/25/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3812 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3812.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04506.D

Level: (low/med) MED Date Received: 08/14/98

% Moisture: not dec. 0 Date Analyzed: 08/25/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3812 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3812.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04506.D

Level: (low/med) MED Date Received: 08/14/98

% Moisture: not dec. 0 Date Analyzed: 08/25/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3827 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3827.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04525.D

Level: (low/med) MED Date Received: 08/25/98

% Moisture: not dec. 0 Date Analyzed: 09/02/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3827 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3827.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04525.D

Level: (low/med) MED Date Received: 08/25/98

% Moisture: not dec. 0 Date Analyzed: 09/02/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3827 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3827.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04525.D

Level: (low/med) MED Date Received: 08/25/98

% Moisture: not dec. 0 Date Analyzed: 09/02/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	unknown	14.22	1600	J

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3836 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3836.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04548.D

Level: (low/med) MED Date Received: 08/27/98

% Moisture: not dec. 0 Date Analyzed: 09/08/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3836 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3836.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04548.D

Level: (low/med) MED Date Received: 08/27/98

% Moisture: not dec. 0 Date Analyzed: 09/08/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3836 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3836.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04548.D

Level: (low/med) MED Date Received: 08/27/98

% Moisture: not dec. 0 Date Analyzed: 09/08/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

FIELD DUPLICATES

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Field Dup

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3479 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3479.16

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V03636.D

Level: (low/med) MED Date Received: 04/14/98

% Moisture: not dec. 5.53 Date Analyzed: 04/27/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3500	U
1634044	Methyl-tert-Butyl ether	810	U
108203	Di-isopropyl ether	540	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	270	U
75-01-4	Vinyl Chloride	810	U
74-83-9	Bromomethane	540	U
75-00-3	Chloroethane	810	U
75-69-4	Trichlorofluoromethane	540	U
75-35-4	1,1-Dichloroethene	270	U
67-64-1	Acetone	540	U
75-15-0	Carbon Disulfide	270	U
75-09-2	Methylene Chloride	540	U
156-60-5	trans-1,2-Dichloroethene	540	U
75-35-3	1,1-Dichloroethane	270	U
108-05-4	Vinyl Acetate	810	U
78-93-3	2-Butanone	810	U
	cis-1,2-Dichloroethene	270	U
67-66-3	Chloroform	270	U
75-55-6	1,1,1-Trichloroethane	270	U
56-23-5	Carbon Tetrachloride	540	U
71-43-2	Benzene	270	U
107-06-2	1,2-Dichloroethane	540	U
79-01-6	Trichloroethene	270	U
78-87-5	1,2-Dichloropropane	270	U
75-27-4	Bromodichloromethane	270	U
110-75-8	2-Chloroethyl vinyl ether	540	U
10061-01-5	cis-1,3-Dichloropropene	270	U
108-10-1	4-Methyl-2-Pentanone	540	U
108-88-3	Toluene	270	U
10061-02-6	trans-1,3-Dichloropropene	540	U
79-00-5	1,1,2-Trichloroethane	540	U
127-18-4	Tetrachloroethene	270	U
591-78-6	2-Hexanone	540	U
126-48-1	Dibromochloromethane	540	U
108-90-7	Chlorobenzene	270	U
100-41-4	Ethylbenzene	540	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Field Dup

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3479 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3479.16

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V03636.D

Level: (low/med) MED Date Received: 04/14/98

% Moisture: not dec. 5.53 Date Analyzed: 04/27/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	810	U
1330-20-7	o-Xylene	540	U
100-42-5	Styrene	540	U
75-25-2	Bromoform	540	U
79-34-5	1,1,2,2-Tetrachloroethane	540	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Field Dup

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3479 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3479.16

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V03636.D

Level: (low/med) MED Date Received: 04/14/98

% Moisture: not dec. 5.53 Date Analyzed: 04/27/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	unknown hydrocarbon	13.18	2800	J

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Field Dup 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3543 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3543.19

Sample wt/vol: 9.7 (g/ml) G Lab File ID: V03736.D

Level: (low/med) MED Date Received: 05/04/98

% Moisture: not dec. 19.9 Date Analyzed: 05/06/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2300	U
107131	Acrylonitrile	2300	U
75650	tert-Butyl alcohol	4200	U
1634044	Methyl-tert-Butyl ether	970	U
108203	Di-isopropyl ether	640	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	320	U
75-01-4	Vinyl Chloride	970	U
74-83-9	Bromomethane	640	U
75-00-3	Chloroethane	970	U
75-69-4	Trichlorofluoromethane	640	U
75-35-4	1,1-Dichloroethene	320	U
67-64-1	Acetone	640	U
75-15-0	Carbon Disulfide	320	U
75-09-2	Methylene Chloride	640	U
156-60-5	trans-1,2-Dichloroethene	640	U
75-35-3	1,1-Dichloroethane	320	U
108-05-4	Vinyl Acetate	970	U
78-93-3	2-Butanone	970	U
	cis-1,2-Dichloroethene	320	U
67-66-3	Chloroform	320	U
75-55-6	1,1,1-Trichloroethane	320	U
56-23-5	Carbon Tetrachloride	640	U
71-43-2	Benzene	320	U
107-06-2	1,2-Dichloroethane	640	U
79-01-6	Trichloroethene	320	U
78-87-5	1,2-Dichloropropane	320	U
75-27-4	Bromodichloromethane	320	U
110-75-8	2-Chloroethyl vinyl ether	640	U
10061-01-5	cis-1,3-Dichloropropene	320	U
108-10-1	4-Methyl-2-Pentanone	640	U
108-88-3	Toluene	320	U
10061-02-6	trans-1,3-Dichloropropene	640	U
79-00-5	1,1,2-Trichloroethane	640	U
127-18-4	Tetrachloroethene	320	U
591-78-6	2-Hexanone	640	U
126-48-1	Dibromochloromethane	640	U
108-90-7	Chlorobenzene	320	U
100-41-4	Ethylbenzene	640	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Field Dup 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3543 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3543.19

Sample wt/vol: 9.7 (g/ml) G Lab File ID: V03736.D

Level: (low/med) MED Date Received: 05/04/98

% Moisture: not dec. 19.9 Date Analyzed: 05/06/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	970	U
1330-20-7	o-Xylene	640	U
100-42-5	Styrene	640	U
75-25-2	Bromoform	640	U
79-34-5	1,1,2,2-Tetrachloroethane	640	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Field Dup 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3543 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3543.19

Sample wt/vol: 9.7 (g/ml) G Lab File ID: V03736.D

Level: (low/med) MED Date Received: 05/04/98

% Moisture: not dec. 19.9 Date Analyzed: 05/06/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Field Dup 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3567 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3567.24

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03833.D

Level: (low/med) MED Date Received: 05/14/98

% Moisture: not dec. 7.3 Date Analyzed: 05/22/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3500	U
1634044	Methyl-tert-Butyl ether	810	U
108203	Di-isopropyl ether	540	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	270	U
75-01-4	Vinyl Chloride	810	U
74-83-9	Bromomethane	540	U
75-00-3	Chloroethane	810	U
75-69-4	Trichlorofluoromethane	540	U
75-35-4	1,1-Dichloroethene	270	U
67-64-1	Acetone	540	U
75-15-0	Carbon Disulfide	270	U
75-09-2	Methylene Chloride	540	U
156-60-5	trans-1,2-Dichloroethene	540	U
75-35-3	1,1-Dichloroethane	270	U
108-05-4	Vinyl Acetate	810	U
78-93-3	2-Butanone	810	U
	cis-1,2-Dichloroethene	270	U
67-66-3	Chloroform	270	U
75-55-6	1,1,1-Trichloroethane	270	U
56-23-5	Carbon Tetrachloride	540	U
71-43-2	Benzene	270	U
107-06-2	1,2-Dichloroethane	540	U
79-01-6	Trichloroethene	270	U
78-87-5	1,2-Dichloropropane	270	U
75-27-4	Bromodichloromethane	270	U
110-75-8	2-Chloroethyl vinyl ether	540	U
10061-01-5	cis-1,3-Dichloropropene	270	U
108-10-1	4-Methyl-2-Pentanone	540	U
108-88-3	Toluene	270	U
10061-02-6	trans-1,3-Dichloropropene	540	U
79-00-5	1,1,2-Trichloroethane	540	U
127-18-4	Tetrachloroethene	270	U
591-78-6	2-Hexanone	540	U
126-48-1	Dibromochloromethane	540	U
108-90-7	Chlorobenzene	270	U
100-41-4	Ethylbenzene	540	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Field Dup 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3567 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3567.24

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03833.D

Level: (low/med) MED Date Received: 05/14/98

% Moisture: not dec. 7.3 Date Analyzed: 05/22/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	810	U
1330-20-7	o-Xylene	540	U
100-42-5	Styrene	540	U
75-25-2	Bromoform	540	U
79-34-5	1,1,2,2-Tetrachloroethane	540	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Field Dup 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3567 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3567.24

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03833.D

Level: (low/med) MED Date Received: 05/14/98

% Moisture: not dec. 7.3 Date Analyzed: 05/22/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	unknown hydrocarbon	11.91	9100	J

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Field Dup 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3580 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3580.39

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V03910.D

Level: (low/med) MED Date Received: 05/19/98

% Moisture: not dec. 14.34 Date Analyzed: 05/29/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3700	U
1634044	Methyl-tert-Butyl ether	860	U
108203	Di-isopropyl ether	570	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	290	U
75-01-4	Vinyl Chloride	860	U
74-83-9	Bromomethane	570	U
75-00-3	Chloroethane	860	U
75-69-4	Trichlorofluoromethane	570	U
75-35-4	1,1-Dichloroethene	290	U
67-64-1	Acetone	570	U
75-15-0	Carbon Disulfide	290	U
75-09-2	Methylene Chloride	570	U
156-60-5	trans-1,2-Dichloroethene	570	U
75-35-3	1,1-Dichloroethane	290	U
108-05-4	Vinyl Acetate	860	U
78-93-3	2-Butanone	860	U
	cis-1,2-Dichloroethene	290	U
67-66-3	Chloroform	290	U
75-55-6	1,1,1-Trichloroethane	290	U
56-23-5	Carbon Tetrachloride	570	U
71-43-2	Benzene	290	U
107-06-2	1,2-Dichloroethane	570	U
79-01-6	Trichloroethene	290	U
78-87-5	1,2-Dichloropropane	290	U
75-27-4	Bromodichloromethane	290	U
110-75-8	2-Chloroethyl vinyl ether	570	U
10061-01-5	cis-1,3-Dichloropropene	290	U
108-10-1	4-Methyl-2-Pentanone	570	U
108-88-3	Toluene	290	U
10061-02-6	trans-1,3-Dichloropropene	570	U
79-00-5	1,1,2-Trichloroethane	570	U
127-18-4	Tetrachloroethene	290	U
591-78-6	2-Hexanone	570	U
126-48-1	Dibromochloromethane	570	U
108-90-7	Chlorobenzene	290	U
100-41-4	Ethylbenzene	570	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Field Dup 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3580 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3580.39

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V03910.D

Level: (low/med) MED Date Received: 05/19/98

% Moisture: not dec. 14.34 Date Analyzed: 05/29/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	860	U
1330-20-7	o-Xylene	570	U
100-42-5	Styrene	570	U
75-25-2	Bromoform	570	U
79-34-5	1,1,2,2-Tetrachloroethane	570	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Field Dup 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3580 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3580.39

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V03910.D

Level: (low/med) MED Date Received: 05/19/98

% Moisture: not dec. 14.34 Date Analyzed: 05/29/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Field Dup 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3665 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3665.26

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04228.D

Level: (low/med) MED Date Received: 06/18/98

% Moisture: not dec. 9.65 Date Analyzed: 06/23/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3600	U
1634044	Methyl-tert-Butyl ether	830	U
108203	Di-isopropyl ether	550	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	830	U
74-83-9	Bromomethane	550	U
75-00-3	Chloroethane	830	U
75-69-4	Trichlorofluoromethane	550	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	550	U
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	550	U
156-60-5	trans-1,2-Dichloroethene	550	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	830	U
78-93-3	2-Butanone	830	U
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	280	U
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	550	U
71-43-2	Benzene	280	U
107-06-2	1,2-Dichloroethane	550	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	550	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	550	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	550	U
79-00-5	1,1,2-Trichloroethane	550	U
127-18-4	Tetrachloroethene	280	U
591-78-6	2-Hexanone	550	U
126-48-1	Dibromochloromethane	550	U
108-90-7	Chlorobenzene	280	U
100-41-4	Ethylbenzene	550	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Field Dup 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3665 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3665.26

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04228.D

Level: (low/med) MED Date Received: 06/18/98

% Moisture: not dec. 9.65 Date Analyzed: 06/23/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	830	U
1330-20-7	o-Xylene	550	U
100-42-5	Styrene	550	U
75-25-2	Bromoform	550	U
79-34-5	1,1,2,2-Tetrachloroethane	550	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Field Dup 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3665 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3665.26

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04228.D

Level: (low/med) MED Date Received: 06/18/98

% Moisture: not dec. 9.65 Date Analyzed: 06/23/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Field Dup 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3722 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3722.25

Sample wt/vol: 9.7 (g/ml) G Lab File ID: V04345.D

Level: (low/med) MED Date Received: 07/13/98

% Moisture: not dec. 4.74 Date Analyzed: 07/20/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3500	U
1634044	Methyl-tert-Butyl ether	820	U
108203	Di-isopropyl ether	540	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	270	U
75-01-4	Vinyl Chloride	820	U
74-83-9	Bromomethane	540	U
75-00-3	Chloroethane	820	U
75-69-4	Trichlorofluoromethane	540	U
75-35-4	1,1-Dichloroethene	270	U
67-64-1	Acetone	540	U
75-15-0	Carbon Disulfide	270	U
75-09-2	Methylene Chloride	540	U
156-60-5	trans-1,2-Dichloroethene	540	U
75-35-3	1,1-Dichloroethane	270	U
108-05-4	Vinyl Acetate	820	U
78-93-3	2-Butanone	820	U
	cis-1,2-Dichloroethene	270	U
67-66-3	Chloroform	270	U
75-55-6	1,1,1-Trichloroethane	270	U
56-23-5	Carbon Tetrachloride	540	U
71-43-2	Benzene	270	U
107-06-2	1,2-Dichloroethane	540	U
79-01-6	Trichloroethene	270	U
78-87-5	1,2-Dichloropropane	270	U
75-27-4	Bromodichloromethane	270	U
110-75-8	2-Chloroethyl vinyl ether	540	U
10061-01-5	cis-1,3-Dichloropropene	270	U
108-10-1	4-Methyl-2-Pentanone	540	U
108-88-3	Toluene	270	U
10061-02-6	trans-1,3-Dichloropropene	540	U
79-00-5	1,1,2-Trichloroethane	540	U
127-18-4	Tetrachloroethene	270	U
591-78-6	2-Hexanone	540	U
126-48-1	Dibromochloromethane	540	U
108-90-7	Chlorobenzene	270	U
100-41-4	Ethylbenzene	540	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Field Dup 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3722 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3722.25

Sample wt/vol: 9.7 (g/ml) G Lab File ID: V04345.D

Level: (low/med) MED Date Received: 07/13/98

% Moisture: not dec. 4.74 Date Analyzed: 07/20/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	820	U
1330-20-7	o-Xylene	540	U
100-42-5	Styrene	540	U
75-25-2	Bromoform	540	U
79-34-5	1,1,2,2-Tetrachloroethane	540	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Field Dup 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3722 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3722.25

Sample wt/vol: 9.7 (g/ml) G Lab File ID: V04345.D

Level: (low/med) MED Date Received: 07/13/98

% Moisture: not dec. 4.74 Date Analyzed: 07/20/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Field Dup

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3805 SDG No: Location: M-5

Matrix (soil/water) SOIL Lab Sample ID: 3805.33

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB01308.D

Level: (low/med) MED Date Received: 08/12/98

% Moisture: not dec. 44.85 Date Analyzed: 08/24/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	3200	U
107131	Acrylonitrile	3200	U
75650	tert-Butyl alcohol	6000	U
1634044	Methyl-tert-Butyl ether	1400	U
108203	Di-isopropyl ether	920	U
	Dichlorodifluoromethane	1800	U
74-87-3	Chloromethane	460	U
75-01-4	Vinyl Chloride	1400	U
74-83-9	Bromomethane	920	U
75-00-3	Chloroethane	1400	U
75-69-4	Trichlorofluoromethane	920	U
75-35-4	1,1-Dichloroethene	460	U
67-64-1	Acetone	920	U
75-15-0	Carbon Disulfide	460	U
75-09-2	Methylene Chloride	920	U
156-60-5	trans-1,2-Dichloroethene	920	U
75-35-3	1,1-Dichloroethane	460	U
108-05-4	Vinyl Acetate	1400	U
78-93-3	2-Butanone	1400	U
	cis-1,2-Dichloroethene	460	U
67-66-3	Chloroform	760	
75-55-6	1,1,1-Trichloroethane	460	U
56-23-5	Carbon Tetrachloride	920	U
71-43-2	Benzene	460	U
107-06-2	1,2-Dichloroethane	920	U
79-01-6	Trichloroethene	460	U
78-87-5	1,2-Dichloropropane	460	U
75-27-4	Bromodichloromethane	460	U
110-75-8	2-Chloroethyl vinyl ether	920	U
10061-01-5	cis-1,3-Dichloropropene	460	U
108-10-1	4-Methyl-2-Pentanone	920	U
108-88-3	Toluene	460	U
10061-02-6	trans-1,3-Dichloropropene	920	U
79-00-5	1,1,2-Trichloroethane	920	U
127-18-4	Tetrachloroethene	460	U
591-78-6	2-Hexanone	920	U
126-48-1	Dibromochloromethane	920	U
108-90-7	Chlorobenzene	460	U
100-41-4	Ethylbenzene	920	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Field Dup

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3805 SDG No: Location: M-5

Matrix (soil/water) SOIL Lab Sample ID: 3805.33

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB01308.D

Level: (low/med) MED Date Received: 08/12/98

% Moisture: not dec. 44.85 Date Analyzed: 08/24/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	1400	U
1330-20-7	o-Xylene	920	U
100-42-5	Styrene	920	U
75-25-2	Bromoform	920	U
79-34-5	1,1,2,2-Tetrachloroethane	920	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Field Dup

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3805 SDG No: Location: M-5

Matrix: (soil/water) SOIL Lab Sample ID: 3805.33

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB01308.D

Level: (low/med) MED Date Received: 08/12/98

% Moisture: not dec. 44.85 Date Analyzed: 08/24/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

FIELD DUP 24"

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3809 SDG No: _____ Location: M-5

Matrix (soil/water) SOIL Lab Sample ID: 3809.25

Sample wt/vol: 9.4 (g/ml) G Lab File ID: VB01328.D

Level: (low/med) MED Date Received: 08/13/98

% Moisture: not dec. 23.55 Date Analyzed: 08/25/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2400	U
107131	Acrylonitrile	2400	U
75650	tert-Butyl alcohol	4500	U
1634044	Methyl-tert-Butyl ether	1000	U
108203	Di-isopropyl ether	700	U
	Dichlorodifluoromethane	1400	U
74-87-3	Chloromethane	350	U
75-01-4	Vinyl Chloride	1000	U
74-83-9	Bromomethane	700	U
75-00-3	Chloroethane	1000	U
75-69-4	Trichlorofluoromethane	700	U
75-35-4	1,1-Dichloroethene	350	U
67-64-1	Acetone	700	U
75-15-0	Carbon Disulfide	350	U
75-09-2	Methylene Chloride	700	U
156-60-5	trans-1,2-Dichloroethene	700	U
75-35-3	1,1-Dichloroethane	350	U
108-05-4	Vinyl Acetate	1000	U
78-93-3	2-Butanone	1000	U
	cis-1,2-Dichloroethene	350	U
67-66-3	Chloroform	410	
75-55-6	1,1,1-Trichloroethane	350	U
56-23-5	Carbon Tetrachloride	700	U
71-43-2	Benzene	350	U
107-06-2	1,2-Dichloroethane	700	U
79-01-6	Trichloroethene	350	U
78-87-5	1,2-Dichloropropane	350	U
75-27-4	Bromodichloromethane	350	U
110-75-8	2-Chloroethyl vinyl ether	700	U
10061-01-5	cis-1,3-Dichloropropene	350	U
108-10-1	4-Methyl-2-Pentanone	700	U
108-88-3	Toluene	350	U
10061-02-6	trans-1,3-Dichloropropene	700	U
79-00-5	1,1,2-Trichloroethane	700	U
127-18-4	Tetrachloroethene	350	U
591-78-6	2-Hexanone	700	U
126-48-1	Dibromochloromethane	700	U
108-90-7	Chlorobenzene	350	U
100-41-4	Ethylbenzene	56	J

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

FIELD DUP 24"

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3809 SDG No: Location: M-5

Matrix (soil/water) SOIL Lab Sample ID: 3809.25

Sample wt/vol: 9.4 (g/ml) G Lab File ID: VB01328.D

Level: (low/med) MED Date Received: 08/13/98

% Moisture: not dec. 23.55 Date Analyzed: 08/25/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	1000	U
1330-20-7	o-Xylene	700	U
100-42-5	Styrene	700	U
75-25-2	Bromoform	700	U
79-34-5	1,1,2,2-Tetrachloroethane	700	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

FIELD DUP 24"

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3809 SDG No: _____ Location: M-5

Matrix (soil/water) SOIL Lab Sample ID: 3809.25

Sample wt/vol: 9.4 (g/ml) G Lab File ID: VB01328.D

Level: (low/med) MED Date Received: 08/13/98

% Moisture: not dec. 23.55 Date Analyzed: 08/25/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Field Dup

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3836 SDG No: Location: M-5

Matrix (soil/water) SOIL Lab Sample ID: 3836.39

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VB01451.D

Level: (low/med) MED Date Received: 08/27/98

% Moisture: not dec. 25.91 Date Analyzed: 09/08/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2500	U
107131	Acrylonitrile	2500	U
75650	tert-Butyl alcohol	4600	U
1634044	Methyl-tert-Butyl ether	1100	U
108203	Di-isopropyl ether	700	U
	Dichlorodifluoromethane	1400	U
74-87-3	Chloromethane	350	U
75-01-4	Vinyl Chloride	1100	U
74-83-9	Bromomethane	700	U
75-00-3	Chloroethane	1100	U
75-69-4	Trichlorofluoromethane	700	U
75-35-4	1,1-Dichloroethene	350	U
67-64-1	Acetone	700	U
75-15-0	Carbon Disulfide	350	U
75-09-2	Methylene Chloride	6400	
156-60-5	trans-1,2-Dichloroethene	700	U
75-35-3	1,1-Dichloroethane	350	U
108-05-4	Vinyl Acetate	1100	U
78-93-3	2-Butanone	1100	U
	cis-1,2-Dichloroethene	350	U
67-66-3	Chloroform	350	U
75-55-6	1,1,1-Trichloroethane	350	U
56-23-5	Carbon Tetrachloride	700	U
71-43-2	Benzene	350	U
107-06-2	1,2-Dichloroethane	700	U
79-01-6	Trichloroethene	350	U
78-87-5	1,2-Dichloropropane	350	U
75-27-4	Bromodichloromethane	350	U
110-75-8	2-Chloroethyl vinyl ether	700	U
10061-01-5	cis-1,3-Dichloropropene	350	U
108-10-1	4-Methyl-2-Pentanone	700	U
108-88-3	Toluene	350	U
10061-02-6	trans-1,3-Dichloropropene	700	U
79-00-5	1,1,2-Trichloroethane	700	U
127-18-4	Tetrachloroethene	350	U
591-78-6	2-Hexanone	700	U
126-48-1	Dibromochloromethane	700	U
108-90-7	Chlorobenzene	350	U
100-41-4	Ethylbenzene	700	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Field Dup

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3836 SDG No: Location: M-5

Matrix (soil/water) SOIL Lab Sample ID: 3836.39

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VB01451.D

Level: (low/med) MED Date Received: 08/27/98

% Moisture: not dec. 25.91 Date Analyzed: 09/08/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	1100	U
1330-20-7	o-Xylene	700	U
100-42-5	Styrene	700	U
75-25-2	Bromoform	700	U
79-34-5	1,1,2,2-Tetrachloroethane	700	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Field Dup

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3836 SDG No: Location: M-5

Matrix (soil/water) SOIL Lab Sample ID: 3836.39

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VB01451.D

Level: (low/med) MED Date Received: 08/27/98

% Moisture: not dec. 25.91 Date Analyzed: 09/08/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

SAMPLES

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-1-24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3465 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3465.04

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V03525.D

Level: (low/med) MED Date Received: 04/08/98

% Moisture: not dec. 9.89 Date Analyzed: 04/10/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3600	U
1634044	Methyl-tert-Butyl ether	840	U
108203	Di-isopropyl ether	560	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	840	U
74-83-9	Bromomethane	560	U
75-00-3	Chloroethane	840	U
75-69-4	Trichlorofluoromethane	560	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	560	U
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	560	U
156-60-5	trans-1,2-Dichloroethene	560	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	840	U
78-93-3	2-Butanone	840	U
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	280	U
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	560	U
71-43-2	Benzene	280	U
107-06-2	1,2-Dichloroethane	560	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	560	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	560	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	560	U
79-00-5	1,1,2-Trichloroethane	560	U
127-18-4	Tetrachloroethene	280	U
591-78-6	2-Hexanone	560	U
126-48-1	Dibromochloromethane	560	U
108-90-7	Chlorobenzene	280	U
100-41-4	Ethylbenzene	560	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-1-24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3465 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3465.04

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V03525.D

Level: (low/med) MED Date Received: 04/08/98

% Moisture: not dec. 9.89 Date Analyzed: 04/10/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	840	U
1330-20-7	o-Xylene	560	U
100-42-5	Styrene	560	U
75-25-2	Bromoform	560	U
79-34-5	1,1,2,2-Tetrachloroethane	560	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-1-24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3465 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3465.04

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V03525.D

Level: (low/med) MED Date Received: 04/08/98

% Moisture: not dec. 9.89 Date Analyzed: 04/10/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-2-24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3465 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3465.08

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V03527.D

Level: (low/med) MED Date Received: 04/08/98

% Moisture: not dec. 13.33 Date Analyzed: 04/10/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND (ug/L or ug/Kg)	UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3800	U
1634044	Methyl-tert-Butyl ether	870	U
108203	Di-isopropyl ether	580	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	290	U
75-01-4	Vinyl Chloride	870	U
74-83-9	Bromomethane	580	U
75-00-3	Chloroethane	870	U
75-69-4	Trichlorofluoromethane	580	U
75-35-4	1,1-Dichloroethene	290	U
67-64-1	Acetone	580	U
75-15-0	Carbon Disulfide	290	U
75-09-2	Methylene Chloride	580	U
156-60-5	trans-1,2-Dichloroethene	580	U
75-35-3	1,1-Dichloroethane	290	U
108-05-4	Vinyl Acetate	870	U
78-93-3	2-Butanone	870	U
	cis-1,2-Dichloroethene	290	U
67-66-3	Chloroform	290	U
75-55-6	1,1,1-Trichloroethane	290	U
56-23-5	Carbon Tetrachloride	580	U
71-43-2	Benzene	290	U
107-06-2	1,2-Dichloroethane	580	U
79-01-6	Trichloroethene	290	U
78-87-5	1,2-Dichloropropane	290	U
75-27-4	Bromodichloromethane	290	U
110-75-8	2-Chloroethyl vinyl ether	580	U
10061-01-5	cis-1,3-Dichloropropene	290	U
108-10-1	4-Methyl-2-Pentanone	580	U
108-88-3	Toluene	290	U
10061-02-6	trans-1,3-Dichloropropene	580	U
79-00-5	1,1,2-Trichloroethane	580	U
127-18-4	Tetrachloroethene	290	U
591-78-6	2-Hexanone	580	U
126-48-1	Dibromochloromethane	580	U
108-90-7	Chlorobenzene	290	U
100-41-4	Ethylbenzene	580	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-2-24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3465 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3465.08

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V03527.D

Level: (low/med) MED Date Received: 04/08/98

% Moisture: not dec. 13.33 Date Analyzed: 04/10/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	870	U
1330-20-7	o-Xylene	580	U
100-42-5	Styrene	580	U
75-25-2	Bromoform	580	U
79-34-5	1,1,2,2-Tetrachloroethane	580	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-2-24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3465 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3465.08

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V03527.D

Level: (low/med) MED Date Received: 04/08/98

% Moisture: not dec. 13.33 Date Analyzed: 04/10/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-3-24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3465 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3465.12

Sample wt/vol: 9.7 (g/ml) G Lab File ID: V03529.D

Level: (low/med) MED Date Received: 04/08/98

% Moisture: not dec. 11.86 Date Analyzed: 04/10/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3800	U
1634044	Methyl-tert-Butyl ether	880	U
108203	Di-isopropyl ether	580	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	290	U
75-01-4	Vinyl Chloride	880	U
74-83-9	Bromomethane	580	U
75-00-3	Chloroethane	880	U
75-69-4	Trichlorofluoromethane	580	U
75-35-4	1,1-Dichloroethene	290	U
67-64-1	Acetone	580	U
75-15-0	Carbon Disulfide	290	U
75-09-2	Methylene Chloride	580	U
156-60-5	trans-1,2-Dichloroethene	580	U
75-35-3	1,1-Dichloroethane	290	U
108-05-4	Vinyl Acetate	880	U
78-93-3	2-Butanone	880	U
	cis-1,2-Dichloroethene	290	U
67-66-3	Chloroform	290	U
75-55-6	1,1,1-Trichloroethane	290	U
56-23-5	Carbon Tetrachloride	580	U
71-43-2	Benzene	290	U
107-06-2	1,2-Dichloroethane	580	U
79-01-6	Trichloroethene	290	U
78-87-5	1,2-Dichloropropane	290	U
75-27-4	Bromodichloromethane	290	U
110-75-8	2-Chloroethyl vinyl ether	580	U
10061-01-5	cis-1,3-Dichloropropene	290	U
108-10-1	4-Methyl-2-Pentanone	580	U
108-88-3	Toluene	290	U
10061-02-6	trans-1,3-Dichloropropene	580	U
79-00-5	1,1,2-Trichloroethane	580	U
127-18-4	Tetrachloroethene	290	U
591-78-6	2-Hexanone	580	U
126-48-1	Dibromochloromethane	580	U
108-90-7	Chlorobenzene	290	U
100-41-4	Ethylbenzene	580	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-3-24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3465 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3465.12

Sample wt/vol: 9.7 (g/ml) G Lab File ID: V03529.D

Level: (low/med) MED Date Received: 04/08/98

% Moisture: not dec. 11.86 Date Analyzed: 04/10/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	880	U
1330-20-7	o-Xylene	580	U
100-42-5	Styrene	580	U
75-25-2	Bromoform	580	U
79-34-5	1,1,2,2-Tetrachloroethane	580	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-3-24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3465 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3465.12

Sample wt/vol: 9.7 (g/ml) G Lab File ID: V03529.D

Level: (low/med) MED Date Received: 04/08/98

% Moisture: not dec. 11.86 Date Analyzed: 04/10/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-4 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3470 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3470.04

Sample wt/vol: 9.7 (g/ml) G Lab File ID: V03541.D

Level: (low/med) MED Date Received: 4/9/98

% Moisture: not dec. 6.84 Date Analyzed: 4/13/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3600	U
1634044	Methyl-tert-Butyl ether	830	U
108203	Di-isopropyl ether	560	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	830	U
74-83-9	Bromomethane	560	U
75-00-3	Chloroethane	830	U
75-69-4	Trichlorofluoromethane	560	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	560	U
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	560	U
156-60-5	trans-1,2-Dichloroethene	560	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	830	U
78-93-3	2-Butanone	830	U
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	280	U
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	560	U
71-43-2	Benzene	280	U
107-06-2	1,2-Dichloroethane	560	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	560	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	560	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	560	U
79-00-5	1,1,2-Trichloroethane	560	U
127-18-4	Tetrachloroethene	280	U
591-78-6	2-Hexanone	560	U
126-48-1	Dibromochloromethane	560	U
108-90-7	Chlorobenzene	280	U
100-41-4	Ethylbenzene	560	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-4 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3470 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3470.04

Sample wt/vol: 9.7 (g/ml) G Lab File ID: V03541.D

Level: (low/med) MED Date Received: 4/9/98

% Moisture: not dec. 6.84 Date Analyzed: 4/13/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	830	U
1330-20-7	o-Xylene	560	U
100-42-5	Styrene	560	U
75-25-2	Bromoform	560	U
79-34-5	1,1,2,2-Tetrachloroethane	560	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-4 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3470 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3470.04

Sample wt/vol: 9.7 (g/ml) G Lab File ID: V03541.D

Level: (low/med) MED Date Received: 04/09/98

% Moisture: not dec. 6.84 Date Analyzed: 04/13/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-5 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3470 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3470.08

Sample wt/vol: 9.5 (g/ml) G Lab File ID: V03543.D

Level: (low/med) MED Date Received: 4/9/98

% Moisture: not dec. 5.18 Date Analyzed: 4/13/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3600	U
1634044	Methyl-tert-Butyl ether	830	U
108203	Di-isopropyl ether	550	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	830	U
74-83-9	Bromomethane	550	U
75-00-3	Chloroethane	830	U
75-69-4	Trichlorofluoromethane	550	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	550	U
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	550	U
156-60-5	trans-1,2-Dichloroethene	550	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	830	U
78-93-3	2-Butanone	830	U
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	280	U
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	550	U
71-43-2	Benzene	280	U
107-06-2	1,2-Dichloroethane	550	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	550	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	550	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	550	U
79-00-5	1,1,2-Trichloroethane	550	U
127-18-4	Tetrachloroethene	280	U
591-78-6	2-Hexanone	550	U
126-48-1	Dibromochloromethane	550	U
108-90-7	Chlorobenzene	280	U
100-41-4	Ethylbenzene	550	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-5 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3470 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3470.08

Sample wt/vol: 9.5 (g/ml) G Lab File ID: V03543.D

Level: (low/med) MED Date Received: 4/9/98

% Moisture: not dec. 5.18 Date Analyzed: 4/13/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	830	U
1330-20-7	o-Xylene	550	U
100-42-5	Styrene	550	U
75-25-2	Bromoform	550	U
79-34-5	1,1,2,2-Tetrachloroethane	550	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-5 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3470 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3470.08

Sample wt/vol: 9.5 (g/ml) G Lab File ID: V03543.D

Level: (low/med) MED Date Received: 04/09/98

% Moisture: not dec. 5.18 Date Analyzed: 04/13/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-6 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3470 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3470.12

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V03545.D

Level: (low/med) MED Date Received: 4/9/98

% Moisture: not dec. 7.52 Date Analyzed: 4/13/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3600	U
1634044	Methyl-tert-Butyl ether	830	U
108203	Di-isopropyl ether	550	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	830	U
74-83-9	Bromomethane	550	U
75-00-3	Chloroethane	830	U
75-69-4	Trichlorofluoromethane	550	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	550	U
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	550	U
156-60-5	trans-1,2-Dichloroethene	550	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	830	U
78-93-3	2-Butanone	830	U
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	280	U
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	550	U
71-43-2	Benzene	280	U
107-06-2	1,2-Dichloroethane	550	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	550	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	550	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	550	U
79-00-5	1,1,2-Trichloroethane	550	U
127-18-4	Tetrachloroethene	280	U
591-78-6	2-Hexanone	550	U
126-48-1	Dibromochloromethane	550	U
108-90-7	Chlorobenzene	280	U
100-41-4	Ethylbenzene	550	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-6 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3470 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3470.12

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V03545.D

Level: (low/med) MED Date Received: 4/9/98

% Moisture: not dec. 7.52 Date Analyzed: 4/13/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	830	U
1330-20-7	o-Xylene	550	U
100-42-5	Styrene	550	U
75-25-2	Bromoform	550	U
79-34-5	1,1,2,2-Tetrachloroethane	550	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-6 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3470 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3470.12

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V03545.D

Level: (low/med) MED Date Received: 04/09/98

% Moisture: not dec. 7.52 Date Analyzed: 04/13/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-7 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3470 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3470.16

Sample wt/vol: 9.6 (g/ml) G Lab File ID: V03547.D

Level: (low/med) MED Date Received: 4/9/98

% Moisture: not dec. 22.21 Date Analyzed: 4/13/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2300	U
107131	Acrylonitrile	2300	U
75650	tert-Butyl alcohol	4300	U
1634044	Methyl-tert-Butyl ether	1000	U
108203	Di-isopropyl ether	670	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	330	U
75-01-4	Vinyl Chloride	1000	U
74-83-9	Bromomethane	670	U
75-00-3	Chloroethane	1000	U
75-69-4	Trichlorofluoromethane	670	U
75-35-4	1,1-Dichloroethene	330	U
67-64-1	Acetone	670	U
75-15-0	Carbon Disulfide	330	U
75-09-2	Methylene Chloride	670	U
156-60-5	trans-1,2-Dichloroethene	670	U
75-35-3	1,1-Dichloroethane	330	U
108-05-4	Vinyl Acetate	1000	U
78-93-3	2-Butanone	1000	U
	cis-1,2-Dichloroethene	330	U
67-66-3	Chloroform	330	U
75-55-6	1,1,1-Trichloroethane	330	U
56-23-5	Carbon Tetrachloride	670	U
71-43-2	Benzene	330	U
107-06-2	1,2-Dichloroethane	670	U
79-01-6	Trichloroethene	330	U
78-87-5	1,2-Dichloropropane	330	U
75-27-4	Bromodichloromethane	330	U
110-75-8	2-Chloroethyl vinyl ether	670	U
10061-01-5	cis-1,3-Dichloropropene	330	U
108-10-1	4-Methyl-2-Pentanone	670	U
108-88-3	Toluene	330	U
10061-02-6	trans-1,3-Dichloropropene	670	U
79-00-5	1,1,2-Trichloroethane	670	U
127-18-4	Tetrachloroethene	330	U
591-78-6	2-Hexanone	670	U
126-48-1	Dibromochloromethane	670	U
108-90-7	Chlorobenzene	330	U
100-41-4	Ethylbenzene	670	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-7 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3470 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3470.16

Sample wt/vol: 9.6 (g/ml) G Lab File ID: V03547.D

Level: (low/med) MED Date Received: 4/9/98

% Moisture: not dec. 22.21 Date Analyzed: 4/13/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	1000	U
1330-20-7	o-Xylene	670	U
100-42-5	Styrene	670	U
75-25-2	Bromoform	670	U
79-34-5	1,1,2,2-Tetrachloroethane	670	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-7 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3470 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3470.16

Sample wt/vol: 9.6 (g/ml) G Lab File ID: V03547.D

Level: (low/med) MED Date Received: 04/09/98

% Moisture: not dec. 22.21 Date Analyzed: 04/13/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-8 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3472 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3472.04

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03550.D

Level: (low/med) MED Date Received: 4/10/98

% Moisture: not dec. 22.44 Date Analyzed: 4/13/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2300	U
107131	Acrylonitrile	2300	U
75650	tert-Butyl alcohol	4200	U
1634044	Methyl-tert-Butyl ether	960	U
108203	Di-isopropyl ether	640	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	320	U
75-01-4	Vinyl Chloride	960	U
74-83-9	Bromomethane	640	U
75-00-3	Chloroethane	960	U
75-69-4	Trichlorofluoromethane	640	U
75-35-4	1,1-Dichloroethene	320	U
67-64-1	Acetone	640	U
75-15-0	Carbon Disulfide	320	U
75-09-2	Methylene Chloride	640	U
156-60-5	trans-1,2-Dichloroethene	640	U
75-35-3	1,1-Dichloroethane	320	U
108-05-4	Vinyl Acetate	960	U
78-93-3	2-Butanone	960	U
	cis-1,2-Dichloroethene	320	U
67-66-3	Chloroform	320	U
75-55-6	1,1,1-Trichloroethane	320	U
56-23-5	Carbon Tetrachloride	640	U
71-43-2	Benzene	320	U
107-06-2	1,2-Dichloroethane	640	U
79-01-6	Trichloroethene	320	U
78-87-5	1,2-Dichloropropane	320	U
75-27-4	Bromodichloromethane	320	U
110-75-8	2-Chloroethyl vinyl ether	640	U
10061-01-5	cis-1,3-Dichloropropene	320	U
108-10-1	4-Methyl-2-Pentanone	640	U
108-88-3	Toluene	320	U
10061-02-6	trans-1,3-Dichloropropene	640	U
79-00-5	1,1,2-Trichloroethane	640	U
127-18-4	Tetrachloroethene	320	U
591-78-6	2-Hexanone	640	U
126-48-1	Dibromochloromethane	640	U
108-90-7	Chlorobenzene	320	U
100-41-4	Ethylbenzene	640	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-8 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3472 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3472.04

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03550.D

Level: (low/med) MED Date Received: 4/10/98

% Moisture: not dec. 22.44 Date Analyzed: 4/13/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	960	U
1330-20-7	o-Xylene	640	U
100-42-5	Styrene	640	U
75-25-2	Bromoform	640	U
79-34-5	1,1,2,2-Tetrachloroethane	640	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-8 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3472 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3472.04

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03550.D

Level: (low/med) MED Date Received: 4/10/98

% Moisture: not dec. 22.44 Date Analyzed: 4/13/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-9 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3472 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3472.08

Sample wt/vol: 9.7 (g/ml) G Lab File ID: V03552.D

Level: (low/med) MED Date Received: 4/10/98

% Moisture: not dec. 22.65 Date Analyzed: 4/13/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2300	U
107131	Acrylonitrile	2300	U
75650	tert-Butyl alcohol	4400	U
1634044	Methyl-tert-Butyl ether	1000	U
108203	Di-isopropyl ether	670	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	340	U
75-01-4	Vinyl Chloride	1000	U
74-83-9	Bromomethane	670	U
75-00-3	Chloroethane	1000	U
75-69-4	Trichlorofluoromethane	670	U
75-35-4	1,1-Dichloroethene	340	U
67-64-1	Acetone	670	U
75-15-0	Carbon Disulfide	340	U
75-09-2	Methylene Chloride	670	U
156-60-5	trans-1,2-Dichloroethene	670	U
75-35-3	1,1-Dichloroethane	340	U
108-05-4	Vinyl Acetate	1000	U
78-93-3	2-Butanone	1000	U
	cis-1,2-Dichloroethene	340	U
67-66-3	Chloroform	340	U
75-55-6	1,1,1-Trichloroethane	340	U
56-23-5	Carbon Tetrachloride	670	U
71-43-2	Benzene	340	U
107-06-2	1,2-Dichloroethane	670	U
79-01-6	Trichloroethene	340	U
78-87-5	1,2-Dichloropropane	340	U
75-27-4	Bromodichloromethane	340	U
110-75-8	2-Chloroethyl vinyl ether	670	U
10061-01-5	cis-1,3-Dichloropropene	340	U
108-10-1	4-Methyl-2-Pentanone	670	U
108-88-3	Toluene	340	U
10061-02-6	trans-1,3-Dichloropropene	670	U
79-00-5	1,1,2-Trichloroethane	670	U
127-18-4	Tetrachloroethene	340	U
591-78-6	2-Hexanone	670	U
126-48-1	Dibromochloromethane	670	U
108-90-7	Chlorobenzene	340	U
100-41-4	Ethylbenzene	670	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-9 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3472 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3472.08

Sample wt/vol: 9.7 (g/ml) G Lab File ID: V03552.D

Level: (low/med) MED Date Received: 4/10/98

% Moisture: not dec. 22.65 Date Analyzed: 4/13/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	1000	U
1330-20-7	o-Xylene	670	U
100-42-5	Styrene	670	U
75-25-2	Bromoform	670	U
79-34-5	1,1,2,2-Tetrachloroethane	670	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-9 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3472 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3472.08

Sample wt/vol: 9.7 (g/ml) G Lab File ID: V03552.D

Level: (low/med) MED Date Received: 4/10/98

% Moisture: not dec. 22.65 Date Analyzed: 4/13/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-10 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3472 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3472.12

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V03554.D

Level: (low/med) MED Date Received: 4/10/98

% Moisture: not dec. 7.47 Date Analyzed: 4/13/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3500	U
1634044	Methyl-tert-Butyl ether	820	U
108203	Di-isopropyl ether	540	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	270	U
75-01-4	Vinyl Chloride	820	U
74-83-9	Bromomethane	540	U
75-00-3	Chloroethane	820	U
75-69-4	Trichlorofluoromethane	540	U
75-35-4	1,1-Dichloroethene	270	U
67-64-1	Acetone	540	U
75-15-0	Carbon Disulfide	270	U
75-09-2	Methylene Chloride	540	U
156-60-5	trans-1,2-Dichloroethene	540	U
75-35-3	1,1-Dichloroethane	270	U
108-05-4	Vinyl Acetate	820	U
78-93-3	2-Butanone	820	U
	cis-1,2-Dichloroethene	270	U
67-66-3	Chloroform	270	U
75-55-6	1,1,1-Trichloroethane	270	U
56-23-5	Carbon Tetrachloride	540	U
71-43-2	Benzene	270	U
107-06-2	1,2-Dichloroethane	540	U
79-01-6	Trichloroethene	270	U
78-87-5	1,2-Dichloropropane	270	U
75-27-4	Bromodichloromethane	270	U
110-75-8	2-Chloroethyl vinyl ether	540	U
10061-01-5	cis-1,3-Dichloropropene	270	U
108-10-1	4-Methyl-2-Pentanone	540	U
108-88-3	Toluene	270	U
10061-02-6	trans-1,3-Dichloropropene	540	U
79-00-5	1,1,2-Trichloroethane	540	U
127-18-4	Tetrachloroethene	270	U
591-78-6	2-Hexanone	540	U
126-48-1	Dibromochloromethane	540	U
108-90-7	Chlorobenzene	270	U
100-41-4	Ethylbenzene	540	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-10 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3472 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3472.12

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V03554.D

Level: (low/med) MED Date Received: 4/10/98

% Moisture: not dec. 7.47 Date Analyzed: 4/13/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	820	U
1330-20-7	o-Xylene	540	U
100-42-5	Styrene	540	U
75-25-2	Bromoform	540	U
79-34-5	1,1,2,2-Tetrachloroethane	540	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-10 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3472 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3472.12

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V03554.D

Level: (low/med) MED Date Received: 4/10/98

% Moisture: not dec. 7.47 Date Analyzed: 4/13/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-11 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3473 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3473.04

Sample wt/vol: 9.7 (g/ml) G Lab File ID: V03565.D

Level: (low/med) MED Date Received: 04/11/98

% Moisture: not dec. 4.87 Date Analyzed: 04/20/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3500	U
1634044	Methyl-tert-Butyl ether	810	U
108203	Di-isopropyl ether	540	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	270	U
75-01-4	Vinyl Chloride	810	U
74-83-9	Bromomethane	540	U
75-00-3	Chloroethane	810	U
75-69-4	Trichlorofluoromethane	540	U
75-35-4	1,1-Dichloroethene	270	U
67-64-1	Acetone	540	U
75-15-0	Carbon Disulfide	270	U
75-09-2	Methylene Chloride	540	U
156-60-5	trans-1,2-Dichloroethene	540	U
75-35-3	1,1-Dichloroethane	270	U
108-05-4	Vinyl Acetate	810	U
78-93-3	2-Butanone	810	U
	cis-1,2-Dichloroethene	270	U
67-66-3	Chloroform	270	U
75-55-6	1,1,1-Trichloroethane	270	U
56-23-5	Carbon Tetrachloride	540	U
71-43-2	Benzene	270	U
107-06-2	1,2-Dichloroethane	540	U
79-01-6	Trichloroethene	270	U
78-87-5	1,2-Dichloropropane	270	U
75-27-4	Bromodichloromethane	270	U
110-75-8	2-Chloroethyl vinyl ether	540	U
10061-01-5	cis-1,3-Dichloropropene	270	U
108-10-1	4-Methyl-2-Pentanone	540	U
108-88-3	Toluene	270	U
10061-02-6	trans-1,3-Dichloropropene	540	U
79-00-5	1,1,2-Trichloroethane	540	U
127-18-4	Tetrachloroethene	270	U
591-78-6	2-Hexanone	540	U
126-48-1	Dibromochloromethane	540	U
108-90-7	Chlorobenzene	270	U
100-41-4	Ethylbenzene	540	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-11 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3473 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3473.04

Sample wt/vol: 9.7 (g/ml) G Lab File ID: V03565.D

Level: (low/med) MED Date Received: 04/11/98

% Moisture: not dec. 4.87 Date Analyzed: 04/20/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	810	U
1330-20-7	o-Xylene	540	U
100-42-5	Styrene	540	U
75-25-2	Bromoform	540	U
79-34-5	1,1,2,2-Tetrachloroethane	540	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-11 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3473 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3473.04

Sample wt/vol: 9.7 (g/ml) G Lab File ID: V03565.D

Level: (low/med) MED Date Received: 04/11/98

% Moisture: not dec. 4.87 Date Analyzed: 04/20/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-12 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3473 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3473.08

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V03567.D

Level: (low/med) MED Date Received: 04/11/98

% Moisture: not dec. 6.68 Date Analyzed: 04/20/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3600	U
1634044	Methyl-tert-Butyl ether	820	U
108203	Di-isopropyl ether	550	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	270	U
75-01-4	Vinyl Chloride	820	U
74-83-9	Bromomethane	550	U
75-00-3	Chloroethane	820	U
75-69-4	Trichlorofluoromethane	550	U
75-35-4	1,1-Dichloroethene	270	U
67-64-1	Acetone	550	U
75-15-0	Carbon Disulfide	270	U
75-09-2	Methylene Chloride	550	U
156-60-5	trans-1,2-Dichloroethene	550	U
75-35-3	1,1-Dichloroethane	270	U
108-05-4	Vinyl Acetate	820	U
78-93-3	2-Butanone	820	U
	cis-1,2-Dichloroethene	270	U
67-66-3	Chloroform	270	U
75-55-6	1,1,1-Trichloroethane	270	U
56-23-5	Carbon Tetrachloride	550	U
71-43-2	Benzene	270	U
107-06-2	1,2-Dichloroethane	550	U
79-01-6	Trichloroethene	270	U
78-87-5	1,2-Dichloropropane	270	U
75-27-4	Bromodichloromethane	270	U
110-75-8	2-Chloroethyl vinyl ether	550	U
10061-01-5	cis-1,3-Dichloropropene	270	U
108-10-1	4-Methyl-2-Pentanone	550	U
108-88-3	Toluene	270	U
10061-02-6	trans-1,3-Dichloropropene	550	U
79-00-5	1,1,2-Trichloroethane	550	U
127-18-4	Tetrachloroethene	270	U
591-78-6	2-Hexanone	550	U
126-48-1	Dibromochloromethane	550	U
108-90-7	Chlorobenzene	270	U
100-41-4	Ethylbenzene	550	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-12 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3473 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3473.08

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V03567.D

Level: (low/med) MED Date Received: 04/11/98

% Moisture: not dec. 6.68 Date Analyzed: 04/20/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	820	U
1330-20-7	o-Xylene	550	U
100-42-5	Styrene	550	U
75-25-2	Bromoform	550	U
79-34-5	1,1,2,2-Tetrachloroethane	550	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-12 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3473 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3473.08

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V03567.D

Level: (low/med) MED Date Received: 04/11/98

% Moisture: not dec. 6.68 Date Analyzed: 04/20/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-13 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3473 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3473.12

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V03569.D

Level: (low/med) MED Date Received: 04/11/98

% Moisture: not dec. 6.31 Date Analyzed: 04/21/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3500	U
1634044	Methyl-tert-Butyl ether	820	U
108203	Di-isopropyl ether	550	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	270	U
75-01-4	Vinyl Chloride	820	U
74-83-9	Bromomethane	550	U
75-00-3	Chloroethane	820	U
75-69-4	Trichlorofluoromethane	550	U
75-35-4	1,1-Dichloroethene	270	U
67-64-1	Acetone	550	U
75-15-0	Carbon Disulfide	270	U
75-09-2	Methylene Chloride	550	U
156-60-5	trans-1,2-Dichloroethene	550	U
75-35-3	1,1-Dichloroethane	270	U
108-05-4	Vinyl Acetate	820	U
78-93-3	2-Butanone	820	U
	cis-1,2-Dichloroethene	270	U
67-66-3	Chloroform	270	U
75-55-6	1,1,1-Trichloroethane	270	U
56-23-5	Carbon Tetrachloride	550	U
71-43-2	Benzene	270	U
107-06-2	1,2-Dichloroethane	550	U
79-01-6	Trichloroethene	270	U
78-87-5	1,2-Dichloropropane	270	U
75-27-4	Bromodichloromethane	270	U
110-75-8	2-Chloroethyl vinyl ether	550	U
10061-01-5	cis-1,3-Dichloropropene	270	U
108-10-1	4-Methyl-2-Pentanone	550	U
108-88-3	Toluene	270	U
10061-02-6	trans-1,3-Dichloropropene	550	U
79-00-5	1,1,2-Trichloroethane	550	U
127-18-4	Tetrachloroethene	270	U
591-78-6	2-Hexanone	550	U
126-48-1	Dibromochloromethane	550	U
108-90-7	Chlorobenzene	270	U
100-41-4	Ethylbenzene	550	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-13 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3473 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3473.12

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V03569.D

Level: (low/med) MED Date Received: 04/11/98

% Moisture: not dec. 6.31 Date Analyzed: 04/21/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	820	U
1330-20-7	o-Xylene	550	U
100-42-5	Styrene	550	U
75-25-2	Bromoform	550	U
79-34-5	1,1,2,2-Tetrachloroethane	550	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-13 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3473 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3473.12

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V03569.D

Level: (low/med) MED Date Received: 04/11/98

% Moisture: not dec. 6.31 Date Analyzed: 04/21/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-14 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3473 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3473.16

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V03571.D

Level: (low/med) MED Date Received: 04/11/98

% Moisture: not dec. 6.27 Date Analyzed: 04/21/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3400	U
1634044	Methyl-tert-Butyl ether	790	U
108203	Di-isopropyl ether	520	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	260	U
75-01-4	Vinyl Chloride	790	U
74-83-9	Bromomethane	520	U
75-00-3	Chloroethane	790	U
75-69-4	Trichlorofluoromethane	520	U
75-35-4	1,1-Dichloroethene	260	U
67-64-1	Acetone	520	U
75-15-0	Carbon Disulfide	260	U
75-09-2	Methylene Chloride	520	U
156-60-5	trans-1,2-Dichloroethene	520	U
75-35-3	1,1-Dichloroethane	260	U
108-05-4	Vinyl Acetate	790	U
78-93-3	2-Butanone	790	U
	cis-1,2-Dichloroethene	260	U
67-66-3	Chloroform	260	U
75-55-6	1,1,1-Trichloroethane	260	U
56-23-5	Carbon Tetrachloride	520	U
71-43-2	Benzene	260	U
107-06-2	1,2-Dichloroethane	520	U
79-01-6	Trichloroethene	260	U
78-87-5	1,2-Dichloropropane	260	U
75-27-4	Bromodichloromethane	260	U
110-75-8	2-Chloroethyl vinyl ether	520	U
10061-01-5	cis-1,3-Dichloropropene	260	U
108-10-1	4-Methyl-2-Pentanone	520	U
108-88-3	Toluene	260	U
10061-02-6	trans-1,3-Dichloropropene	520	U
79-00-5	1,1,2-Trichloroethane	520	U
127-18-4	Tetrachloroethene	260	U
591-78-6	2-Hexanone	520	U
126-48-1	Dibromochloromethane	520	U
108-90-7	Chlorobenzene	260	U
100-41-4	Ethylbenzene	520	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-14 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3473 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3473.16

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V03571.D

Level: (low/med) MED Date Received: 04/11/98

% Moisture: not dec. 6.27 Date Analyzed: 04/21/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	790	U
1330-20-7	o-Xylene	520	U
100-42-5	Styrene	520	U
75-25-2	Bromoform	520	U
79-34-5	1,1,2,2-Tetrachloroethane	520	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-14 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3473 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3473.16

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V03571.D

Level: (low/med) MED Date Received: 04/11/98

% Moisture: not dec. 6.27 Date Analyzed: 04/21/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-15 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3473 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3473.20

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V03577.D

Level: (low/med) MED Date Received: 04/11/98

% Moisture: not dec. 21.49 Date Analyzed: 04/22/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2300	U
107131	Acrylonitrile	2300	U
75650	tert-Butyl alcohol	4200	U
1634044	Methyl-tert-Butyl ether	970	U
108203	Di-isopropyl ether	650	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	320	U
75-01-4	Vinyl Chloride	970	U
74-83-9	Bromomethane	650	U
75-00-3	Chloroethane	970	U
75-69-4	Trichlorofluoromethane	650	U
75-35-4	1,1-Dichloroethene	320	U
67-64-1	Acetone	650	U
75-15-0	Carbon Disulfide	320	U
75-09-2	Methylene Chloride	650	U
156-60-5	trans-1,2-Dichloroethene	650	U
75-35-3	1,1-Dichloroethane	320	U
108-05-4	Vinyl Acetate	970	U
78-93-3	2-Butanone	970	U
	cis-1,2-Dichloroethene	320	U
67-66-3	Chloroform	320	U
75-55-6	1,1,1-Trichloroethane	320	U
56-23-5	Carbon Tetrachloride	650	U
71-43-2	Benzene	320	U
107-06-2	1,2-Dichloroethane	650	U
79-01-6	Trichloroethene	320	U
78-87-5	1,2-Dichloropropane	320	U
75-27-4	Bromodichloromethane	320	U
110-75-8	2-Chloroethyl vinyl ether	650	U
10061-01-5	cis-1,3-Dichloropropene	320	U
108-10-1	4-Methyl-2-Pentanone	650	U
108-88-3	Toluene	320	U
10061-02-6	trans-1,3-Dichloropropene	650	U
79-00-5	1,1,2-Trichloroethane	650	U
127-18-4	Tetrachloroethene	5000	
591-78-6	2-Hexanone	650	U
126-48-1	Dibromochloromethane	650	U
108-90-7	Chlorobenzene	320	U
100-41-4	Ethylbenzene	650	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-15 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3473 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3473.20

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V03577.D

Level: (low/med) MED Date Received: 04/11/98

% Moisture: not dec. 21.49 Date Analyzed: 04/22/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	970	U
1330-20-7	o-Xylene	650	U
100-42-5	Styrene	650	U
75-25-2	Bromoform	650	U
79-34-5	1,1,2,2-Tetrachloroethane	650	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-15 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3473 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3473.20

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V03577.D

Level: (low/med) MED Date Received: 04/11/98

% Moisture: not dec. 21.49 Date Analyzed: 04/22/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-16 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3477 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3477.04

Sample wt/vol: 9.3 (g/ml) G Lab File ID: V03607.D

Level: (low/med) MED Date Received: 04/13/98

% Moisture: not dec. 26.17 Date Analyzed: 04/23/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2500	U
107131	Acrylonitrile	2500	U
75650	tert-Butyl alcohol	4700	U
1634044	Methyl-tert-Butyl ether	1100	U
108203	Di-isopropyl ether	730	U
	Dichlorodifluoromethane	1500	U
74-87-3	Chloromethane	360	U
75-01-4	Vinyl Chloride	1100	U
74-83-9	Bromomethane	730	U
75-00-3	Chloroethane	1100	U
75-69-4	Trichlorofluoromethane	730	U
75-35-4	1,1-Dichloroethene	360	U
67-64-1	Acetone	730	U
75-15-0	Carbon Disulfide	360	U
75-09-2	Methylene Chloride	730	U
156-60-5	trans-1,2-Dichloroethene	730	U
75-35-3	1,1-Dichloroethane	360	U
108-05-4	Vinyl Acetate	1100	U
78-93-3	2-Butanone	1100	U
	cis-1,2-Dichloroethene	360	U
67-66-3	Chloroform	360	U
75-55-6	1,1,1-Trichloroethane	360	U
56-23-5	Carbon Tetrachloride	730	U
71-43-2	Benzene	360	U
107-06-2	1,2-Dichloroethane	730	U
79-01-6	Trichloroethene	360	U
78-87-5	1,2-Dichloropropane	360	U
75-27-4	Bromodichloromethane	360	U
110-75-8	2-Chloroethyl vinyl ether	730	U
10061-01-5	cis-1,3-Dichloropropene	360	U
108-10-1	4-Methyl-2-Pentanone	730	U
108-88-3	Toluene	360	U
10061-02-6	trans-1,3-Dichloropropene	730	U
79-00-5	1,1,2-Trichloroethane	730	U
127-18-4	Tetrachloroethene	360	U
591-78-6	2-Hexanone	730	U
126-48-1	Dibromochloromethane	730	U
108-90-7	Chlorobenzene	360	U
100-41-4	Ethylbenzene	730	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-16 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3477 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3477.04

Sample wt/vol: 9.3 (g/ml) G Lab File ID: V03607.D

Level: (low/med) MED Date Received: 04/13/98

% Moisture: not dec. 26.17 Date Analyzed: 04/23/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	1100	U
1330-20-7	o-Xylene	730	U
100-42-5	Styrene	730	U
75-25-2	Bromoform	730	U
79-34-5	1,1,2,2-Tetrachloroethane	730	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-16 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3477 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3477.04

Sample wt/vol: 9.3 (g/ml) G Lab File ID: V03607.D

Level: (low/med) MED Date Received: 04/13/98

% Moisture: not dec. 26.17 Date Analyzed: 04/23/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 3

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1. 000108-87-2	Cyclohexane, methyl-	22.19	8900	JN
2. 027133-93-3	2,3-Dihydro-1-methylindene	26.44	4600	JN
3. 017057-82-8	1H-Indene, 2,3-dihydro-1,2-dimet	31.49	5700	JN

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-17 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3477 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3477.08

Sample wt/vol: 8.4 (g/ml) G Lab File ID: V03609.D

Level: (low/med) MED Date Received: 04/13/98

% Moisture: not dec. 25.02 Date Analyzed: 04/23/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2800	U
107131	Acrylonitrile	2800	U
75650	tert-Butyl alcohol	5200	U
1634044	Methyl-tert-Butyl ether	1200	U
108203	Di-isopropyl ether	790	U
	Dichlorodifluoromethane	1600	U
74-87-3	Chloromethane	400	U
75-01-4	Vinyl Chloride	1200	U
74-83-9	Bromomethane	790	U
75-00-3	Chloroethane	1200	U
75-69-4	Trichlorofluoromethane	790	U
75-35-4	1,1-Dichloroethene	400	U
67-64-1	Acetone	790	U
75-15-0	Carbon Disulfide	400	U
75-09-2	Methylene Chloride	790	U
156-60-5	trans-1,2-Dichloroethene	790	U
75-35-3	1,1-Dichloroethane	400	U
108-05-4	Vinyl Acetate	1200	U
78-93-3	2-Butanone	1200	U
	cis-1,2-Dichloroethene	400	U
67-66-3	Chloroform	400	U
75-55-6	1,1,1-Trichloroethane	400	U
56-23-5	Carbon Tetrachloride	790	U
71-43-2	Benzene	400	U
107-06-2	1,2-Dichloroethane	790	U
79-01-6	Trichloroethene	400	U
78-87-5	1,2-Dichloropropane	400	U
75-27-4	Bromodichloromethane	400	U
110-75-8	2-Chloroethyl vinyl ether	790	U
10061-01-5	cis-1,3-Dichloropropene	400	U
108-10-1	4-Methyl-2-Pentanone	790	U
108-88-3	Toluene	400	U
10061-02-6	trans-1,3-Dichloropropene	790	U
79-00-5	1,1,2-Trichloroethane	790	U
127-18-4	Tetrachloroethene	400	U
591-78-6	2-Hexanone	790	U
126-48-1	Dibromochloromethane	790	U
108-90-7	Chlorobenzene	400	U
100-41-4	Ethylbenzene	790	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-17 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3477 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3477.08

Sample wt/vol: 8.4 (g/ml) G Lab File ID: V03609.D

Level: (low/med) MED Date Received: 04/13/98

% Moisture: not dec. 25.02 Date Analyzed: 04/23/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	1200	U
1330-20-7	o-Xylene	790	U
100-42-5	Styrene	790	U
75-25-2	Bromoform	790	U
79-34-5	1,1,2,2-Tetrachloroethane	790	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-17 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3477 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3477.08

Sample wt/vol: 8.4 (g/ml) G Lab File ID: V03609.D

Level: (low/med) MED Date Received: 04/13/98

% Moisture: not dec. 25.02 Date Analyzed: 04/23/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	unknown hydrocarbon	30.32	2600	J

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-18 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3477 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3477.12

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03618.D

Level: (low/med) MED Date Received: 04/13/98

% Moisture: not dec. 29.19 Date Analyzed: 04/24/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2500	U
107131	Acrylonitrile	2500	U
75650	tert-Butyl alcohol	4600	U
1634044	Methyl-tert-Butyl ether	1100	U
108203	Di-isopropyl ether	710	U
	Dichlorodifluoromethane	1400	U
74-87-3	Chloromethane	350	U
75-01-4	Vinyl Chloride	1100	U
74-83-9	Bromomethane	710	U
75-00-3	Chloroethane	1100	U
75-69-4	Trichlorofluoromethane	710	U
75-35-4	1,1-Dichloroethene	350	U
67-64-1	Acetone	710	U
75-15-0	Carbon Disulfide	350	U
75-09-2	Methylene Chloride	710	U
156-60-5	trans-1,2-Dichloroethene	710	U
75-35-3	1,1-Dichloroethane	350	U
108-05-4	Vinyl Acetate	1100	U
78-93-3	2-Butanone	1100	U
	cis-1,2-Dichloroethene	350	U
67-66-3	Chloroform	350	U
75-55-6	1,1,1-Trichloroethane	350	U
56-23-5	Carbon Tetrachloride	710	U
71-43-2	Benzene	350	U
107-06-2	1,2-Dichloroethane	710	U
79-01-6	Trichloroethene	350	U
78-87-5	1,2-Dichloropropane	350	U
75-27-4	Bromodichloromethane	350	U
110-75-8	2-Chloroethyl vinyl ether	710	U
10061-01-5	cis-1,3-Dichloropropene	350	U
108-10-1	4-Methyl-2-Pentanone	710	U
108-88-3	Toluene	350	U
10061-02-6	trans-1,3-Dichloropropene	710	U
79-00-5	1,1,2-Trichloroethane	710	U
127-18-4	Tetrachloroethene	350	U
591-78-6	2-Hexanone	710	U
126-48-1	Dibromochloromethane	710	U
108-90-7	Chlorobenzene	350	U
100-41-4	Ethylbenzene	710	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-18 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3477 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3477.12

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03618.D

Level: (low/med) MED Date Received: 04/13/98

% Moisture: not dec. 29.19 Date Analyzed: 04/24/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	1100	U
1330-20-7	o-Xylene	710	U
100-42-5	Styrene	710	U
75-25-2	Bromoform	710	U
79-34-5	1,1,2,2-Tetrachloroethane	710	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-18 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3477 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3477.12

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03618.D

Level: (low/med) MED Date Received: 04/13/98

% Moisture: not dec. 29.19 Date Analyzed: 04/24/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 2

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	unknown hydrocarbon	13.17	3500	J
2.	unknown hydrocarbon	30.32	2300	J

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-19 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3477 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3477.16

Sample wt/vol: 9.7 (g/ml) G Lab File ID: V03620.D

Level: (low/med) MED Date Received: 04/13/98

% Moisture: not dec. 7.95 Date Analyzed: 04/24/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3700	U
1634044	Methyl-tert-Butyl ether	840	U
108203	Di-isopropyl ether	560	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	840	U
74-83-9	Bromomethane	560	U
75-00-3	Chloroethane	840	U
75-69-4	Trichlorofluoromethane	560	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	560	U
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	560	U
156-60-5	trans-1,2-Dichloroethene	560	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	840	U
78-93-3	2-Butanone	840	U
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	280	U
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	560	U
71-43-2	Benzene	280	U
107-06-2	1,2-Dichloroethane	560	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	560	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	560	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	560	U
79-00-5	1,1,2-Trichloroethane	560	U
127-18-4	Tetrachloroethene	280	U
591-78-6	2-Hexanone	560	U
126-48-1	Dibromochloromethane	560	U
108-90-7	Chlorobenzene	280	U
100-41-4	Ethylbenzene	560	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-19 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3477 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3477.16

Sample wt/vol: 9.7 (g/ml) G Lab File ID: V03620.D

Level: (low/med) MED Date Received: 04/13/98

% Moisture: not dec. 7.95 Date Analyzed: 04/24/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	840	U
1330-20-7	o-Xylene	560	U
100-42-5	Styrene	560	U
75-25-2	Bromoform	560	U
79-34-5	1,1,2,2-Tetrachloroethane	560	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-19 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3477 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3477.16

Sample wt/vol: 9.7 (g/ml) G Lab File ID: V03620.D

Level: (low/med) MED Date Received: 04/13/98

% Moisture: not dec. 7.95 Date Analyzed: 04/24/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-20 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3479 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3479.04

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V03625.D

Level: (low/med) MED Date Received: 04/14/98

% Moisture: not dec. 5.91 Date Analyzed: 04/24/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3400	U
1634044	Methyl-tert-Butyl ether	790	U
108203	Di-isopropyl ether	530	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	260	U
75-01-4	Vinyl Chloride	790	U
74-83-9	Bromomethane	530	U
75-00-3	Chloroethane	790	U
75-69-4	Trichlorofluoromethane	530	U
75-35-4	1,1-Dichloroethene	260	U
67-64-1	Acetone	530	U
75-15-0	Carbon Disulfide	260	U
75-09-2	Methylene Chloride	530	U
156-60-5	trans-1,2-Dichloroethene	530	U
75-35-3	1,1-Dichloroethane	260	U
108-05-4	Vinyl Acetate	790	U
78-93-3	2-Butanone	790	U
	cis-1,2-Dichloroethene	260	U
67-66-3	Chloroform	260	U
75-55-6	1,1,1-Trichloroethane	260	U
56-23-5	Carbon Tetrachloride	530	U
71-43-2	Benzene	260	U
107-06-2	1,2-Dichloroethane	530	U
79-01-6	Trichloroethene	260	U
78-87-5	1,2-Dichloropropane	260	U
75-27-4	Bromodichloromethane	260	U
110-75-8	2-Chloroethyl vinyl ether	530	U
10061-01-5	cis-1,3-Dichloropropene	260	U
108-10-1	4-Methyl-2-Pentanone	530	U
108-88-3	Toluene	260	U
10061-02-6	trans-1,3-Dichloropropene	530	U
79-00-5	1,1,2-Trichloroethane	530	U
127-18-4	Tetrachloroethene	260	U
591-78-6	2-Hexanone	530	U
126-48-1	Dibromochloromethane	530	U
108-90-7	Chlorobenzene	260	U
100-41-4	Ethylbenzene	530	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-20 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3479 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3479.04

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V03625.D

Level: (low/med) MED Date Received: 04/14/98

% Moisture: not dec. 5.91 Date Analyzed: 04/24/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	790	U
1330-20-7	o-Xylene	530	U
100-42-5	Styrene	530	U
75-25-2	Bromoform	530	U
79-34-5	1,1,2,2-Tetrachloroethane	530	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-20 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3479 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3479.04

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V03625.D

Level: (low/med) MED Date Received: 04/14/98

% Moisture: not dec. 5.91 Date Analyzed: 04/24/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-21 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3479 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3479.08

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V03627.D

Level: (low/med) MED Date Received: 04/14/98

% Moisture: not dec. 1.69 Date Analyzed: 04/24/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3400	U
1634044	Methyl-tert-Butyl ether	780	U
108203	Di-isopropyl ether	520	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	260	U
75-01-4	Vinyl Chloride	780	U
74-83-9	Bromomethane	520	U
75-00-3	Chloroethane	780	U
75-69-4	Trichlorofluoromethane	520	U
75-35-4	1,1-Dichloroethene	260	U
67-64-1	Acetone	520	U
75-15-0	Carbon Disulfide	260	U
75-09-2	Methylene Chloride	520	U
156-60-5	trans-1,2-Dichloroethene	520	U
75-35-3	1,1-Dichloroethane	260	U
108-05-4	Vinyl Acetate	780	U
78-93-3	2-Butanone	780	U
	cis-1,2-Dichloroethene	260	U
67-66-3	Chloroform	260	U
75-55-6	1,1,1-Trichloroethane	260	U
56-23-5	Carbon Tetrachloride	520	U
71-43-2	Benzene	260	U
107-06-2	1,2-Dichloroethane	520	U
79-01-6	Trichloroethene	260	U
78-87-5	1,2-Dichloropropane	260	U
75-27-4	Bromodichloromethane	260	U
110-75-8	2-Chloroethyl vinyl ether	520	U
10061-01-5	cis-1,3-Dichloropropene	260	U
108-10-1	4-Methyl-2-Pentanone	520	U
108-88-3	Toluene	260	U
10061-02-6	trans-1,3-Dichloropropene	520	U
79-00-5	1,1,2-Trichloroethane	520	U
127-18-4	Tetrachloroethene	260	U
591-78-6	2-Hexanone	520	U
126-48-1	Dibromochloromethane	520	U
108-90-7	Chlorobenzene	260	U
100-41-4	Ethylbenzene	520	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-21 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3479 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3479.08

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V03627.D

Level: (low/med) MED Date Received: 04/14/98

% Moisture: not dec. 1.69 Date Analyzed: 04/24/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	780	U
1330-20-7	o-Xylene	520	U
100-42-5	Styrene	520	U
75-25-2	Bromoform	520	U
79-34-5	1,1,2,2-Tetrachloroethane	520	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-21 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3479 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3479.08

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V03627.D

Level: (low/med) MED Date Received: 04/14/98

% Moisture: not dec. 1.69 Date Analyzed: 04/24/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-22 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3479 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3479.12

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V03629.D

Level: (low/med) MED Date Received: 04/14/98

% Moisture: not dec. 5.96 Date Analyzed: 04/24/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3500	U
1634044	Methyl-tert-Butyl ether	810	U
108203	Di-isopropyl ether	540	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	270	U
75-01-4	Vinyl Chloride	810	U
74-83-9	Bromomethane	540	U
75-00-3	Chloroethane	810	U
75-69-4	Trichlorofluoromethane	540	U
75-35-4	1,1-Dichloroethene	270	U
67-64-1	Acetone	540	U
75-15-0	Carbon Disulfide	270	U
75-09-2	Methylene Chloride	540	U
156-60-5	trans-1,2-Dichloroethene	540	U
75-35-3	1,1-Dichloroethane	270	U
108-05-4	Vinyl Acetate	810	U
78-93-3	2-Butanone	810	U
	cis-1,2-Dichloroethene	270	U
67-66-3	Chloroform	270	U
75-55-6	1,1,1-Trichloroethane	270	U
56-23-5	Carbon Tetrachloride	540	U
71-43-2	Benzene	270	U
107-06-2	1,2-Dichloroethane	540	U
79-01-6	Trichloroethene	270	U
78-87-5	1,2-Dichloropropane	270	U
75-27-4	Bromodichloromethane	270	U
110-75-8	2-Chloroethyl vinyl ether	540	U
10061-01-5	cis-1,3-Dichloropropene	270	U
108-10-1	4-Methyl-2-Pentanone	540	U
108-88-3	Toluene	270	U
10061-02-6	trans-1,3-Dichloropropene	540	U
79-00-5	1,1,2-Trichloroethane	540	U
127-18-4	Tetrachloroethene	270	U
591-78-6	2-Hexanone	540	U
126-48-1	Dibromochloromethane	540	U
108-90-7	Chlorobenzene	270	U
100-41-4	Ethylbenzene	540	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-22 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3479 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3479.12

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V03629.D

Level: (low/med) MED Date Received: 04/14/98

% Moisture: not dec. 5.96 Date Analyzed: 04/24/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	810	U
1330-20-7	o-Xylene	540	U
100-42-5	Styrene	540	U
75-25-2	Bromoform	540	U
79-34-5	1,1,2,2-Tetrachloroethane	540	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-22 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3479 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3479.12

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V03629.D

Level: (low/med) MED Date Received: 04/14/98

% Moisture: not dec. 5.96 Date Analyzed: 04/24/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	unknown hydrocarbon	13.16	2700	J

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-23 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3485 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3485.04

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V03639.D

Level: (low/med) MED Date Received: 04/15/45

% Moisture: not dec. 8.97 Date Analyzed: 04/27/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3600	U
1634044	Methyl-tert-Butyl ether	840	U
108203	Di-isopropyl ether	560	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	840	U
74-83-9	Bromomethane	560	U
75-00-3	Chloroethane	840	U
75-69-4	Trichlorofluoromethane	560	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	560	U
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	560	U
156-60-5	trans-1,2-Dichloroethene	560	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	840	U
78-93-3	2-Butanone	840	U
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	280	U
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	560	U
71-43-2	Benzene	280	U
107-06-2	1,2-Dichloroethane	560	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	560	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	560	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	560	U
79-00-5	1,1,2-Trichloroethane	560	U
127-18-4	Tetrachloroethene	4800	
591-78-6	2-Hexanone	560	U
126-48-1	Dibromochloromethane	560	U
108-90-7	Chlorobenzene	280	U
100-41-4	Ethylbenzene	560	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-23 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3485 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3485.04

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V03639.D

Level: (low/med) MED Date Received: 04/15/45

% Moisture: not dec. 8.97 Date Analyzed: 04/27/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	840	U
1330-20-7	o-Xylene	560	U
100-42-5	Styrene	560	U
75-25-2	Bromoform	560	U
79-34-5	1,1,2,2-Tetrachloroethane	560	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-23 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3485 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3485.04

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V03639.D

Level: (low/med) MED Date Received: 04/15/45

% Moisture: not dec. 8.97 Date Analyzed: 04/27/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-24 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3485 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3485.08

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V03641.D

Level: (low/med) MED Date Received: 04/15/45

% Moisture: not dec. 18.92 Date Analyzed: 04/27/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2200	U
107131	Acrylonitrile	2200	U
75650	tert-Butyl alcohol	4000	U
1634044	Methyl-tert-Butyl ether	930	U
108203	Di-isopropyl ether	620	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	310	U
75-01-4	Vinyl Chloride	930	U
74-83-9	Bromomethane	620	U
75-00-3	Chloroethane	930	U
75-69-4	Trichlorofluoromethane	620	U
75-35-4	1,1-Dichloroethene	310	U
67-64-1	Acetone	620	U
75-15-0	Carbon Disulfide	310	U
75-09-2	Methylene Chloride	620	U
156-60-5	trans-1,2-Dichloroethene	620	U
75-35-3	1,1-Dichloroethane	310	U
108-05-4	Vinyl Acetate	930	U
78-93-3	2-Butanone	930	U
	cis-1,2-Dichloroethene	310	U
67-66-3	Chloroform	310	U
75-55-6	1,1,1-Trichloroethane	310	U
56-23-5	Carbon Tetrachloride	620	U
71-43-2	Benzene	310	U
107-06-2	1,2-Dichloroethane	620	U
79-01-6	Trichloroethene	310	U
78-87-5	1,2-Dichloropropane	310	U
75-27-4	Bromodichloromethane	310	U
110-75-8	2-Chloroethyl vinyl ether	620	U
10061-01-5	cis-1,3-Dichloropropene	310	U
108-10-1	4-Methyl-2-Pentanone	620	U
108-88-3	Toluene	310	U
10061-02-6	trans-1,3-Dichloropropene	620	U
79-00-5	1,1,2-Trichloroethane	620	U
127-18-4	Tetrachloroethene	3200	
591-78-6	2-Hexanone	620	U
126-48-1	Dibromochloromethane	620	U
108-90-7	Chlorobenzene	310	U
100-41-4	Ethylbenzene	620	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-24 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3485 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3485.08

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V03641.D

Level: (low/med) MED Date Received: 04/15/45

% Moisture: not dec. 18.92 Date Analyzed: 04/27/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	930	U
1330-20-7	o-Xylene	620	U
100-42-5	Styrene	620	U
75-25-2	Bromoform	620	U
79-34-5	1,1,2,2-Tetrachloroethane	620	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-24 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3485 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3485.08

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V03641.D

Level: (low/med) MED Date Received: 04/15/45

% Moisture: not dec. 18.92 Date Analyzed: 04/27/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-25 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3485 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3485.12

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V03643.D

Level: (low/med) MED Date Received: 04/15/45

% Moisture: not dec. 13.73 Date Analyzed: 04/27/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3700	U
1634044	Methyl-tert-Butyl ether	860	U
108203	Di-isopropyl ether	570	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	290	U
75-01-4	Vinyl Chloride	860	U
74-83-9	Bromomethane	570	U
75-00-3	Chloroethane	860	U
75-69-4	Trichlorofluoromethane	570	U
75-35-4	1,1-Dichloroethene	290	U
67-64-1	Acetone	570	U
75-15-0	Carbon Disulfide	290	U
75-09-2	Methylene Chloride	570	U
156-60-5	trans-1,2-Dichloroethene	570	U
75-35-3	1,1-Dichloroethane	290	U
108-05-4	Vinyl Acetate	860	U
78-93-3	2-Butanone	860	U
	cis-1,2-Dichloroethene	290	U
67-66-3	Chloroform	290	U
75-55-6	1,1,1-Trichloroethane	290	U
56-23-5	Carbon Tetrachloride	570	U
71-43-2	Benzene	290	U
107-06-2	1,2-Dichloroethane	570	U
79-01-6	Trichloroethene	290	U
78-87-5	1,2-Dichloropropane	290	U
75-27-4	Bromodichloromethane	290	U
110-75-8	2-Chloroethyl vinyl ether	570	U
10061-01-5	cis-1,3-Dichloropropene	290	U
108-10-1	4-Methyl-2-Pentanone	570	U
108-88-3	Toluene	290	U
10061-02-6	trans-1,3-Dichloropropene	570	U
79-00-5	1,1,2-Trichloroethane	570	U
127-18-4	Tetrachloroethene	290	U
591-78-6	2-Hexanone	570	U
126-48-1	Dibromochloromethane	570	U
108-90-7	Chlorobenzene	290	U
100-41-4	Ethylbenzene	570	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-25 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3485 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3485.12

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V03643.D

Level: (low/med) MED Date Received: 04/15/45

% Moisture: not dec. 13.73 Date Analyzed: 04/27/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	860	U
1330-20-7	o-Xylene	570	U
100-42-5	Styrene	570	U
75-25-2	Bromoform	570	U
79-34-5	1,1,2,2-Tetrachloroethane	570	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-25 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3485 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3485.12

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V03643.D

Level: (low/med) MED Date Received: 04/15/45

% Moisture: not dec. 13.73 Date Analyzed: 04/27/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-26 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3485 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3485.16

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V03645.D

Level: (low/med) MED Date Received: 04/15/45

% Moisture: not dec. 21.67 Date Analyzed: 04/27/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2300	U
107131	Acrylonitrile	2300	U
75650	tert-Butyl alcohol	4200	U
1634044	Methyl-tert-Butyl ether	980	U
108203	Di-isopropyl ether	650	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	330	U
75-01-4	Vinyl Chloride	980	U
74-83-9	Bromomethane	650	U
75-00-3	Chloroethane	980	U
75-69-4	Trichlorofluoromethane	650	U
75-35-4	1,1-Dichloroethene	330	U
67-64-1	Acetone	650	U
75-15-0	Carbon Disulfide	330	U
75-09-2	Methylene Chloride	650	U
156-60-5	trans-1,2-Dichloroethene	650	U
75-35-3	1,1-Dichloroethane	330	U
108-05-4	Vinyl Acetate	980	U
78-93-3	2-Butanone	980	U
	cis-1,2-Dichloroethene	330	U
67-66-3	Chloroform	330	U
75-55-6	1,1,1-Trichloroethane	330	U
56-23-5	Carbon Tetrachloride	650	U
71-43-2	Benzene	330	U
107-06-2	1,2-Dichloroethane	650	U
79-01-6	Trichloroethene	330	U
78-87-5	1,2-Dichloropropane	330	U
75-27-4	Bromodichloromethane	330	U
110-75-8	2-Chloroethyl vinyl ether	650	U
10061-01-5	cis-1,3-Dichloropropene	330	U
108-10-1	4-Methyl-2-Pentanone	650	U
108-88-3	Toluene	330	U
10061-02-6	trans-1,3-Dichloropropene	650	U
79-00-5	1,1,2-Trichloroethane	650	U
127-18-4	Tetrachloroethene	330	U
591-78-6	2-Hexanone	650	U
126-48-1	Dibromochloromethane	650	U
108-90-7	Chlorobenzene	330	U
100-41-4	Ethylbenzene	650	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-26 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3485 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3485.16

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V03645.D

Level: (low/med) MED Date Received: 04/15/45

% Moisture: not dec. 21.67 Date Analyzed: 04/27/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	980	U
1330-20-7	o-Xylene	650	U
100-42-5	Styrene	650	U
75-25-2	Bromoform	650	U
79-34-5	1,1,2,2-Tetrachloroethane	650	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-26 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3485 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3485.16

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V03645.D

Level: (low/med) MED Date Received: 04/15/45

% Moisture: not dec. 21.67 Date Analyzed: 04/27/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-27 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3498 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3498.04

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V03648.D

Level: (low/med) MED Date Received: 04/20/98

% Moisture: not dec. 24.91 Date Analyzed: 04/27/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2400	U
107131	Acrylonitrile	2400	U
75650	tert-Butyl alcohol	4400	U
1634044	Methyl-tert-Butyl ether	1000	U
108203	Di-isopropyl ether	670	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	340	U
75-01-4	Vinyl Chloride	1000	U
74-83-9	Bromomethane	670	U
75-00-3	Chloroethane	1000	U
75-69-4	Trichlorofluoromethane	670	U
75-35-4	1,1-Dichloroethene	340	U
67-64-1	Acetone	670	U
75-15-0	Carbon Disulfide	340	U
75-09-2	Methylene Chloride	670	U
156-60-5	trans-1,2-Dichloroethene	670	U
75-35-3	1,1-Dichloroethane	340	U
108-05-4	Vinyl Acetate	1000	U
78-93-3	2-Butanone	1000	U
	cis-1,2-Dichloroethene	340	U
67-66-3	Chloroform	340	U
75-55-6	1,1,1-Trichloroethane	340	U
56-23-5	Carbon Tetrachloride	670	U
71-43-2	Benzene	340	U
107-06-2	1,2-Dichloroethane	670	U
79-01-6	Trichloroethene	340	U
78-87-5	1,2-Dichloropropane	340	U
75-27-4	Bromodichloromethane	340	U
110-75-8	2-Chloroethyl vinyl ether	670	U
10061-01-5	cis-1,3-Dichloropropene	340	U
108-10-1	4-Methyl-2-Pentanone	670	U
108-88-3	Toluene	340	U
10061-02-6	trans-1,3-Dichloropropene	670	U
79-00-5	1,1,2-Trichloroethane	670	U
127-18-4	Tetrachloroethene	340	U
591-78-6	2-Hexanone	670	U
126-48-1	Dibromochloromethane	670	U
108-90-7	Chlorobenzene	340	U
100-41-4	Ethylbenzene	670	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-27 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3498 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3498.04

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V03648.D

Level: (low/med) MED Date Received: 04/20/98

% Moisture: not dec. 24.91 Date Analyzed: 04/27/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	1000	U
1330-20-7	o-Xylene	670	U
100-42-5	Styrene	670	U
75-25-2	Bromoform	670	U
79-34-5	1,1,2,2-Tetrachloroethane	670	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-27 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3498 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3498.04

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V03648.D

Level: (low/med) MED Date Received: 04/20/98

% Moisture: not dec. 24.91 Date Analyzed: 04/27/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	unknown hydrocarbon	13.17	3800	J

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-28 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3498 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3498.08

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V03656.D

Level: (low/med) MED Date Received: 04/20/98

% Moisture: not dec. 12.44 Date Analyzed: 04/28/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3700	U
1634044	Methyl-tert-Butyl ether	860	U
108203	Di-isopropyl ether	570	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	290	U
75-01-4	Vinyl Chloride	860	U
74-83-9	Bromomethane	570	U
75-00-3	Chloroethane	860	U
75-69-4	Trichlorofluoromethane	570	U
75-35-4	1,1-Dichloroethene	290	U
67-64-1	Acetone	570	U
75-15-0	Carbon Disulfide	290	U
75-09-2	Methylene Chloride	570	U
156-60-5	trans-1,2-Dichloroethene	570	U
75-35-3	1,1-Dichloroethane	290	U
108-05-4	Vinyl Acetate	860	U
78-93-3	2-Butanone	860	U
	cis-1,2-Dichloroethene	290	U
67-66-3	Chloroform	290	U
75-55-6	1,1,1-Trichloroethane	290	U
56-23-5	Carbon Tetrachloride	570	U
71-43-2	Benzene	290	U
107-06-2	1,2-Dichloroethane	570	U
79-01-6	Trichloroethene	290	U
78-87-5	1,2-Dichloropropane	290	U
75-27-4	Bromodichloromethane	290	U
110-75-8	2-Chloroethyl vinyl ether	570	U
10061-01-5	cis-1,3-Dichloropropene	290	U
108-10-1	4-Methyl-2-Pentanone	570	U
108-88-3	Toluene	290	U
10061-02-6	trans-1,3-Dichloropropene	570	U
79-00-5	1,1,2-Trichloroethane	570	U
127-18-4	Tetrachloroethene	290	U
591-78-6	2-Hexanone	570	U
126-48-1	Dibromochloromethane	570	U
108-90-7	Chlorobenzene	290	U
100-41-4	Ethylbenzene	570	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-28 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3498 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3498.08

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V03656.D

Level: (low/med) MED Date Received: 04/20/98

% Moisture: not dec. 12.44 Date Analyzed: 04/28/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	860	U
1330-20-7	o-Xylene	570	U
100-42-5	Styrene	570	U
75-25-2	Bromoform	570	U
79-34-5	1,1,2,2-Tetrachloroethane	570	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-28 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3498 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3498.08

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V03656.D

Level: (low/med) MED Date Received: 04/20/98

% Moisture: not dec. 12.44 Date Analyzed: 04/28/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-29 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3498 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3498.12

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V03658.D

Level: (low/med) MED Date Received: 04/20/98

% Moisture: not dec. 3.95 Date Analyzed: 04/28/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3400	U
1634044	Methyl-tert-Butyl ether	790	U
108203	Di-isopropyl ether	530	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	260	U
75-01-4	Vinyl Chloride	790	U
74-83-9	Bromomethane	530	U
75-00-3	Chloroethane	790	U
75-69-4	Trichlorofluoromethane	530	U
75-35-4	1,1-Dichloroethene	260	U
67-64-1	Acetone	530	U
75-15-0	Carbon Disulfide	260	U
75-09-2	Methylene Chloride	530	U
156-60-5	trans-1,2-Dichloroethene	530	U
75-35-3	1,1-Dichloroethane	260	U
108-05-4	Vinyl Acetate	790	U
78-93-3	2-Butanone	790	U
	cis-1,2-Dichloroethene	260	U
67-66-3	Chloroform	260	U
75-55-6	1,1,1-Trichloroethane	260	U
56-23-5	Carbon Tetrachloride	530	U
71-43-2	Benzene	260	U
107-06-2	1,2-Dichloroethane	530	U
79-01-6	Trichloroethene	260	U
78-87-5	1,2-Dichloropropane	260	U
75-27-4	Bromodichloromethane	260	U
110-75-8	2-Chloroethyl vinyl ether	530	U
10061-01-5	cis-1,3-Dichloropropene	260	U
108-10-1	4-Methyl-2-Pentanone	530	U
108-88-3	Toluene	260	U
10061-02-6	trans-1,3-Dichloropropene	530	U
79-00-5	1,1,2-Trichloroethane	530	U
127-18-4	Tetrachloroethene	260	U
591-78-6	2-Hexanone	530	U
126-48-1	Dibromochloromethane	530	U
108-90-7	Chlorobenzene	260	U
100-41-4	Ethylbenzene	530	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-29 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3498 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3498.12

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V03658.D

Level: (low/med) MED Date Received: 04/20/98

% Moisture: not dec. 3.95 Date Analyzed: 04/28/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	790	U
1330-20-7	o-Xylene	530	U
100-42-5	Styrene	530	U
75-25-2	Bromoform	530	U
79-34-5	1,1,2,2-Tetrachloroethane	530	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-29 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3498 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3498.12

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V03658.D

Level: (low/med) MED Date Received: 04/20/98

% Moisture: not dec. 3.95 Date Analyzed: 04/28/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-30 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3498 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3498.16

Sample wt/vol: 9.7 (g/ml) G Lab File ID: V03660.D

Level: (low/med) MED Date Received: 04/20/98

% Moisture: not dec. 9.19 Date Analyzed: 04/28/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3700	U
1634044	Methyl-tert-Butyl ether	850	U
108203	Di-isopropyl ether	570	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	850	U
74-83-9	Bromomethane	570	U
75-00-3	Chloroethane	850	U
75-69-4	Trichlorofluoromethane	570	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	570	U
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	570	U
156-60-5	trans-1,2-Dichloroethene	570	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	850	U
78-93-3	2-Butanone	850	U
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	280	U
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	570	U
71-43-2	Benzene	280	U
107-06-2	1,2-Dichloroethane	570	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	570	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	570	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	570	U
79-00-5	1,1,2-Trichloroethane	570	U
127-18-4	Tetrachloroethene	280	U
591-78-6	2-Hexanone	570	U
126-48-1	Dibromochloromethane	570	U
108-90-7	Chlorobenzene	280	U
100-41-4	Ethylbenzene	570	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-30 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3498 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3498.16

Sample wt/vol: 9.7 (g/ml) G Lab File ID: V03660.D

Level: (low/med) MED Date Received: 04/20/98

% Moisture: not dec. 9.19 Date Analyzed: 04/28/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	850	U
1330-20-7	o-Xylene	570	U
100-42-5	Styrene	570	U
75-25-2	Bromoform	570	U
79-34-5	1,1,2,2-Tetrachloroethane	570	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-30 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3498 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3498.16

Sample wt/vol: 9.7 (g/ml) G Lab File ID: V03660.D

Level: (low/med) MED Date Received: 04/20/98

% Moisture: not dec. 9.19 Date Analyzed: 04/28/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-31 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3500 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3500.03

Sample wt/vol: 10.3 (g/ml) G Lab File ID: V03663.D

Level: (low/med) MED Date Received: 04/21/98

% Moisture: not dec. 6.99 Date Analyzed: 04/28/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3400	U
1634044	Methyl-tert-Butyl ether	780	U
108203	Di-isopropyl ether	520	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	260	U
75-01-4	Vinyl Chloride	780	U
74-83-9	Bromomethane	520	U
75-00-3	Chloroethane	780	U
75-69-4	Trichlorofluoromethane	520	U
75-35-4	1,1-Dichloroethene	260	U
67-64-1	Acetone	520	U
75-15-0	Carbon Disulfide	260	U
75-09-2	Methylene Chloride	520	U
156-60-5	trans-1,2-Dichloroethene	520	U
75-35-3	1,1-Dichloroethane	260	U
108-05-4	Vinyl Acetate	780	U
78-93-3	2-Butanone	780	U
	cis-1,2-Dichloroethene	260	U
67-66-3	Chloroform	260	U
75-55-6	1,1,1-Trichloroethane	260	U
56-23-5	Carbon Tetrachloride	520	U
71-43-2	Benzene	260	U
107-06-2	1,2-Dichloroethane	520	U
79-01-6	Trichloroethene	260	U
78-87-5	1,2-Dichloropropane	260	U
75-27-4	Bromodichloromethane	260	U
110-75-8	2-Chloroethyl vinyl ether	520	U
10061-01-5	cis-1,3-Dichloropropene	260	U
108-10-1	4-Methyl-2-Pentanone	520	U
108-88-3	Toluene	260	U
10061-02-6	trans-1,3-Dichloropropene	520	U
79-00-5	1,1,2-Trichloroethane	520	U
127-18-4	Tetrachloroethene	260	U
591-78-6	2-Hexanone	520	U
126-48-1	Dibromochloromethane	520	U
108-90-7	Chlorobenzene	260	U
100-41-4	Ethylbenzene	520	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-31 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3500 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3500.03

Sample wt/vol: 10.3 (g/ml) G Lab File ID: V03663.D

Level: (low/med) MED Date Received: 04/21/98

% Moisture: not dec. 6.99 Date Analyzed: 04/28/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	780	U
1330-20-7	o-Xylene	520	U
100-42-5	Styrene	520	U
75-25-2	Bromoform	520	U
79-34-5	1,1,2,2-Tetrachloroethane	520	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-31 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3500 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3500.03

Sample wt/vol: 10.3 (g/ml) G Lab File ID: V03663.D

Level: (low/med) MED Date Received: 04/21/98

% Moisture: not dec. 6.99 Date Analyzed: 04/28/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-32 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3500 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3500.07

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V03665.D

Level: (low/med) MED Date Received: 04/21/98

% Moisture: not dec. 7.33 Date Analyzed: 04/28/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3500	U
1634044	Methyl-tert-Butyl ether	800	U
108203	Di-isopropyl ether	530	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	270	U
75-01-4	Vinyl Chloride	800	U
74-83-9	Bromomethane	530	U
75-00-3	Chloroethane	800	U
75-69-4	Trichlorofluoromethane	530	U
75-35-4	1,1-Dichloroethene	270	U
67-64-1	Acetone	530	U
75-15-0	Carbon Disulfide	270	U
75-09-2	Methylene Chloride	530	U
156-60-5	trans-1,2-Dichloroethene	530	U
75-35-3	1,1-Dichloroethane	270	U
108-05-4	Vinyl Acetate	800	U
78-93-3	2-Butanone	800	U
	cis-1,2-Dichloroethene	270	U
67-66-3	Chloroform	270	U
75-55-6	1,1,1-Trichloroethane	270	U
56-23-5	Carbon Tetrachloride	530	U
71-43-2	Benzene	270	U
107-06-2	1,2-Dichloroethane	530	U
79-01-6	Trichloroethene	270	U
78-87-5	1,2-Dichloropropane	270	U
75-27-4	Bromodichloromethane	270	U
110-75-8	2-Chloroethyl vinyl ether	530	U
10061-01-5	cis-1,3-Dichloropropene	270	U
108-10-1	4-Methyl-2-Pentanone	530	U
108-88-3	Toluene	270	U
10061-02-6	trans-1,3-Dichloropropene	530	U
79-00-5	1,1,2-Trichloroethane	530	U
127-18-4	Tetrachloroethene	270	U
591-78-6	2-Hexanone	530	U
126-48-1	Dibromochloromethane	530	U
108-90-7	Chlorobenzene	270	U
100-41-4	Ethylbenzene	530	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-32 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3500 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3500.07

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V03665.D

Level: (low/med) MED Date Received: 04/21/98

% Moisture: not dec. 7.33 Date Analyzed: 04/28/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	800	U
1330-20-7	o-Xylene	530	U
100-42-5	Styrene	530	U
75-25-2	Bromoform	530	U
79-34-5	1,1,2,2-Tetrachloroethane	530	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-32 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3500 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3500.07

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V03665.D

Level: (low/med) MED Date Received: 04/21/98

% Moisture: not dec. 7.33 Date Analyzed: 04/28/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-33 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3500 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3500.11

Sample wt/vol: 10.4 (g/ml) G Lab File ID: V03667.D

Level: (low/med) MED Date Received: 04/21/98

% Moisture: not dec. 22.19 Date Analyzed: 04/28/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2200	U
107131	Acrylonitrile	2200	U
75650	tert-Butyl alcohol	4000	U
1634044	Methyl-tert-Butyl ether	930	U
108203	Di-isopropyl ether	620	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	310	U
75-01-4	Vinyl Chloride	930	U
74-83-9	Bromomethane	620	U
75-00-3	Chloroethane	930	U
75-69-4	Trichlorofluoromethane	620	U
75-35-4	1,1-Dichloroethene	310	U
67-64-1	Acetone	620	U
75-15-0	Carbon Disulfide	310	U
75-09-2	Methylene Chloride	620	U
156-60-5	trans-1,2-Dichloroethene	620	U
75-35-3	1,1-Dichloroethane	310	U
108-05-4	Vinyl Acetate	930	U
78-93-3	2-Butanone	930	U
	cis-1,2-Dichloroethene	310	U
67-66-3	Chloroform	310	U
75-55-6	1,1,1-Trichloroethane	310	U
56-23-5	Carbon Tetrachloride	620	U
71-43-2	Benzene	310	U
107-06-2	1,2-Dichloroethane	620	U
79-01-6	Trichloroethene	310	U
78-87-5	1,2-Dichloropropane	310	U
75-27-4	Bromodichloromethane	310	U
110-75-8	2-Chloroethyl vinyl ether	620	U
10061-01-5	cis-1,3-Dichloropropene	310	U
108-10-1	4-Methyl-2-Pentanone	620	U
108-88-3	Toluene	310	U
10061-02-6	trans-1,3-Dichloropropene	620	U
79-00-5	1,1,2-Trichloroethane	620	U
127-18-4	Tetrachloroethene	310	U
591-78-6	2-Hexanone	620	U
126-48-1	Dibromochloromethane	620	U
108-90-7	Chlorobenzene	310	U
100-41-4	Ethylbenzene	620	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-33 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3500 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3500.11

Sample wt/vol: 10.4 (g/ml) G Lab File ID: V03667.D

Level: (low/med) MED Date Received: 04/21/98

% Moisture: not dec. 22.19 Date Analyzed: 04/28/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	930	U
1330-20-7	o-Xylene	620	U
100-42-5	Styrene	620	U
75-25-2	Bromoform	620	U
79-34-5	1,1,2,2-Tetrachloroethane	620	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-33 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3500 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3500.11

Sample wt/vol: 10.4 (g/ml) G Lab File ID: V03667.D

Level: (low/med) MED Date Received: 04/21/98

% Moisture: not dec. 22.19 Date Analyzed: 04/28/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-34 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3500 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3500.15

Sample wt/vol: 10.3 (g/ml) G Lab File ID: V03674.D

Level: (low/med) MED Date Received: 04/21/98

% Moisture: not dec. 45.49 Date Analyzed: 04/29/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	3100	U
107131	Acrylonitrile	3100	U
75650	tert-Butyl alcohol	5800	U
1634044	Methyl-tert-Butyl ether	1300	U
108203	Di-isopropyl ether	890	U
	Dichlorodifluoromethane	1800	U
74-87-3	Chloromethane	450	U
75-01-4	Vinyl Chloride	1300	U
74-83-9	Bromomethane	890	U
75-00-3	Chloroethane	1300	U
75-69-4	Trichlorofluoromethane	890	U
75-35-4	1,1-Dichloroethene	450	U
67-64-1	Acetone	890	U
75-15-0	Carbon Disulfide	450	U
75-09-2	Methylene Chloride	890	U
156-60-5	trans-1,2-Dichloroethene	890	U
75-35-3	1,1-Dichloroethane	450	U
108-05-4	Vinyl Acetate	1300	U
78-93-3	2-Butanone	1300	U
	cis-1,2-Dichloroethene	450	U
67-66-3	Chloroform	450	U
75-55-6	1,1,1-Trichloroethane	450	U
56-23-5	Carbon Tetrachloride	890	U
71-43-2	Benzene	450	U
107-06-2	1,2-Dichloroethane	890	U
79-01-6	Trichloroethene	450	U
78-87-5	1,2-Dichloropropane	450	U
75-27-4	Bromodichloromethane	450	U
110-75-8	2-Chloroethyl vinyl ether	890	U
10061-01-5	cis-1,3-Dichloropropene	450	U
108-10-1	4-Methyl-2-Pentanone	890	U
108-88-3	Toluene	450	U
10061-02-6	trans-1,3-Dichloropropene	890	U
79-00-5	1,1,2-Trichloroethane	890	U
127-18-4	Tetrachloroethene	450	U
591-78-6	2-Hexanone	890	U
126-48-1	Dibromochloromethane	890	U
108-90-7	Chlorobenzene	450	U
100-41-4	Ethylbenzene	890	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-34 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3500 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3500.15

Sample wt/vol: 10.3 (g/ml) G Lab File ID: V03674.D

Level: (low/med) MED Date Received: 04/21/98

% Moisture: not dec. 45.49 Date Analyzed: 04/29/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	1300	U
1330-20-7	o-Xylene	890	U
100-42-5	Styrene	890	U
75-25-2	Bromoform	890	U
79-34-5	1,1,2,2-Tetrachloroethane	890	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-34 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3500 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3500.15

Sample wt/vol: 10.3 (g/ml) G Lab File ID: V03674.D

Level: (low/med) MED Date Received: 04/21/98

% Moisture: not dec. 45.49 Date Analyzed: 04/29/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-35 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3500 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3500.19

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V03676.D

Level: (low/med) MED Date Received: 04/21/98

% Moisture: not dec. 25.72 Date Analyzed: 04/29/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2400	U
107131	Acrylonitrile	2400	U
75650	tert-Butyl alcohol	4400	U
1634044	Methyl-tert-Butyl ether	1000	U
108203	Di-isopropyl ether	680	U
	Dichlorodifluoromethane	1400	U
74-87-3	Chloromethane	340	U
75-01-4	Vinyl Chloride	1000	U
74-83-9	Bromomethane	680	U
75-00-3	Chloroethane	1000	U
75-69-4	Trichlorofluoromethane	680	U
75-35-4	1,1-Dichloroethene	340	U
67-64-1	Acetone	680	U
75-15-0	Carbon Disulfide	340	U
75-09-2	Methylene Chloride	680	U
156-60-5	trans-1,2-Dichloroethene	680	U
75-35-3	1,1-Dichloroethane	340	U
108-05-4	Vinyl Acetate	1000	U
78-93-3	2-Butanone	1000	U
	cis-1,2-Dichloroethene	340	U
67-66-3	Chloroform	340	U
75-55-6	1,1,1-Trichloroethane	340	U
56-23-5	Carbon Tetrachloride	680	U
71-43-2	Benzene	340	U
107-06-2	1,2-Dichloroethane	680	U
79-01-6	Trichloroethene	340	U
78-87-5	1,2-Dichloropropane	340	U
75-27-4	Bromodichloromethane	340	U
110-75-8	2-Chloroethyl vinyl ether	680	U
10061-01-5	cis-1,3-Dichloropropene	340	U
108-10-1	4-Methyl-2-Pentanone	680	U
108-88-3	Toluene	340	U
10061-02-6	trans-1,3-Dichloropropene	680	U
79-00-5	1,1,2-Trichloroethane	680	U
127-18-4	Tetrachloroethene	340	U
591-78-6	2-Hexanone	680	U
126-48-1	Dibromochloromethane	680	U
108-90-7	Chlorobenzene	340	U
100-41-4	Ethylbenzene	680	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-35 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3500 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3500.19

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V03676.D

Level: (low/med) MED Date Received: 04/21/98

% Moisture: not dec. 25.72 Date Analyzed: 04/29/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	1000	U
1330-20-7	o-Xylene	680	U
100-42-5	Styrene	680	U
75-25-2	Bromoform	680	U
79-34-5	1,1,2,2-Tetrachloroethane	680	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-35 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3500 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3500.19

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V03676.D

Level: (low/med) MED Date Received: 04/21/98

% Moisture: not dec. 25.72 Date Analyzed: 04/29/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-36 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3501 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3501.03

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V03679.D

Level: (low/med) MED Date Received: 4/22/98

% Moisture: not dec. 4.7 Date Analyzed: 4/29/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3400	U
1634044	Methyl-tert-Butyl ether	780	U
108203	Di-isopropyl ether	520	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	260	U
75-01-4	Vinyl Chloride	780	U
74-83-9	Bromomethane	520	U
75-00-3	Chloroethane	780	U
75-69-4	Trichlorofluoromethane	520	U
75-35-4	1,1-Dichloroethene	260	U
67-64-1	Acetone	520	U
75-15-0	Carbon Disulfide	260	U
75-09-2	Methylene Chloride	520	U
156-60-5	trans-1,2-Dichloroethene	520	U
75-35-3	1,1-Dichloroethane	260	U
108-05-4	Vinyl Acetate	780	U
78-93-3	2-Butanone	780	U
	cis-1,2-Dichloroethene	260	U
67-66-3	Chloroform	260	U
75-55-6	1,1,1-Trichloroethane	260	U
56-23-5	Carbon Tetrachloride	520	U
71-43-2	Benzene	260	U
107-06-2	1,2-Dichloroethane	520	U
79-01-6	Trichloroethene	260	U
78-87-5	1,2-Dichloropropane	260	U
75-27-4	Bromodichloromethane	260	U
110-75-8	2-Chloroethyl vinyl ether	520	U
10061-01-5	cis-1,3-Dichloropropene	260	U
108-10-1	4-Methyl-2-Pentanone	520	U
108-88-3	Toluene	260	U
10061-02-6	trans-1,3-Dichloropropene	520	U
79-00-5	1,1,2-Trichloroethane	520	U
127-18-4	Tetrachloroethene	260	U
591-78-6	2-Hexanone	520	U
126-48-1	Dibromochloromethane	520	U
108-90-7	Chlorobenzene	260	U
100-41-4	Ethylbenzene	520	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-36 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3501 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3501.03

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V03679.D

Level: (low/med) MED Date Received: 4/22/98

% Moisture: not dec. 4.7 Date Analyzed: 4/29/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	780	U
1330-20-7	o-Xylene	520	U
100-42-5	Styrene	520	U
75-25-2	Bromoform	520	U
79-34-5	1,1,2,2-Tetrachloroethane	520	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-36 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3501 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3501.03

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V03679.D

Level: (low/med) MED Date Received: 4/22/98

% Moisture: not dec. 4.7 Date Analyzed: 4/29/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-37 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3501 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3501.07

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V03681.D

Level: (low/med) MED Date Received: 4/22/98

% Moisture: not dec. 5.09 Date Analyzed: 4/29/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3400	U
1634044	Methyl-tert-Butyl ether	780	U
108203	Di-isopropyl ether	520	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	260	U
75-01-4	Vinyl Chloride	780	U
74-83-9	Bromomethane	520	U
75-00-3	Chloroethane	780	U
75-69-4	Trichlorofluoromethane	520	U
75-35-4	1,1-Dichloroethene	260	U
67-64-1	Acetone	520	U
75-15-0	Carbon Disulfide	260	U
75-09-2	Methylene Chloride	520	U
156-60-5	trans-1,2-Dichloroethene	520	U
75-35-3	1,1-Dichloroethane	260	U
108-05-4	Vinyl Acetate	780	U
78-93-3	2-Butanone	780	U
	cis-1,2-Dichloroethene	260	U
67-66-3	Chloroform	260	U
75-55-6	1,1,1-Trichloroethane	260	U
56-23-5	Carbon Tetrachloride	520	U
71-43-2	Benzene	260	U
107-06-2	1,2-Dichloroethane	520	U
79-01-6	Trichloroethene	260	U
78-87-5	1,2-Dichloropropane	260	U
75-27-4	Bromodichloromethane	260	U
110-75-8	2-Chloroethyl vinyl ether	520	U
10061-01-5	cis-1,3-Dichloropropene	260	U
108-10-1	4-Methyl-2-Pentanone	520	U
108-88-3	Toluene	260	U
10061-02-6	trans-1,3-Dichloropropene	520	U
79-00-5	1,1,2-Trichloroethane	520	U
127-18-4	Tetrachloroethene	260	U
591-78-6	2-Hexanone	520	U
126-48-1	Dibromochloromethane	520	U
108-90-7	Chlorobenzene	260	U
100-41-4	Ethylbenzene	520	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-37 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3501 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3501.07

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V03681.D

Level: (low/med) MED Date Received: 4/22/98

% Moisture: not dec. 5.09 Date Analyzed: 4/29/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	780	U
1330-20-7	o-Xylene	520	U
100-42-5	Styrene	520	U
75-25-2	Bromoform	520	U
79-34-5	1,1,2,2-Tetrachloroethane	520	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-37 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3501 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3501.07

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V03681.D

Level: (low/med) MED Date Received: 4/22/98

% Moisture: not dec. 5.09 Date Analyzed: 4/29/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-38 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3501 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3501.11

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V03683.D

Level: (low/med) MED Date Received: 4/22/98

% Moisture: not dec. 27.5 Date Analyzed: 4/29/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2400	U
107131	Acrylonitrile	2400	U
75650	tert-Butyl alcohol	4500	U
1634044	Methyl-tert-Butyl ether	1000	U
108203	Di-isopropyl ether	690	U
	Dichlorodifluoromethane	1400	U
74-87-3	Chloromethane	340	U
75-01-4	Vinyl Chloride	1000	U
74-83-9	Bromomethane	690	U
75-00-3	Chloroethane	1000	U
75-69-4	Trichlorofluoromethane	690	U
75-35-4	1,1-Dichloroethene	340	U
67-64-1	Acetone	690	U
75-15-0	Carbon Disulfide	340	U
75-09-2	Methylene Chloride	690	U
156-60-5	trans-1,2-Dichloroethene	690	U
75-35-3	1,1-Dichloroethane	340	U
108-05-4	Vinyl Acetate	1000	U
78-93-3	2-Butanone	1000	U
	cis-1,2-Dichloroethene	340	U
67-66-3	Chloroform	340	U
75-55-6	1,1,1-Trichloroethane	340	U
56-23-5	Carbon Tetrachloride	690	U
71-43-2	Benzene	340	U
107-06-2	1,2-Dichloroethane	690	U
79-01-6	Trichloroethene	340	U
78-87-5	1,2-Dichloropropane	340	U
75-27-4	Bromodichloromethane	340	U
110-75-8	2-Chloroethyl vinyl ether	690	U
10061-01-5	cis-1,3-Dichloropropene	340	U
108-10-1	4-Methyl-2-Pentanone	690	U
108-88-3	Toluene	340	U
10061-02-6	trans-1,3-Dichloropropene	690	U
79-00-5	1,1,2-Trichloroethane	690	U
127-18-4	Tetrachloroethene	410	
591-78-6	2-Hexanone	690	U
126-48-1	Dibromochloromethane	690	U
108-90-7	Chlorobenzene	340	U
100-41-4	Ethylbenzene	690	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-38 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3501 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3501.11

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V03683.D

Level: (low/med) MED Date Received: 4/22/98

% Moisture: not dec. 27.5 Date Analyzed: 4/29/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	1000	U
1330-20-7	o-Xylene	690	U
100-42-5	Styrene	690	U
75-25-2	Bromoform	690	U
79-34-5	1,1,2,2-Tetrachloroethane	690	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-38 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3501 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3501.11

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V03683.D

Level: (low/med) MED Date Received: 4/22/98

% Moisture: not dec. 27.5 Date Analyzed: 4/29/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-39 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3501 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3501.15

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V03685.D

Level: (low/med) MED Date Received: 4/22/98

% Moisture: not dec. 10.48 Date Analyzed: 4/29/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3700	U
1634044	Methyl-tert-Butyl ether	850	U
108203	Di-isopropyl ether	570	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	850	U
74-83-9	Bromomethane	570	U
75-00-3	Chloroethane	850	U
75-69-4	Trichlorofluoromethane	570	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	570	U
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	570	U
156-60-5	trans-1,2-Dichloroethene	570	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	850	U
78-93-3	2-Butanone	850	U
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	280	U
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	570	U
71-43-2	Benzene	280	U
107-06-2	1,2-Dichloroethane	570	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	570	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	570	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	570	U
79-00-5	1,1,2-Trichloroethane	570	U
127-18-4	Tetrachloroethene	280	U
591-78-6	2-Hexanone	570	U
126-48-1	Dibromochloromethane	570	U
108-90-7	Chlorobenzene	280	U
100-41-4	Ethylbenzene	570	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-39 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3501 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3501.15

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V03685.D

Level: (low/med) MED Date Received: 4/22/98

% Moisture: not dec. 10.48 Date Analyzed: 4/29/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	850	U
1330-20-7	o-Xylene	570	U
100-42-5	Styrene	570	U
75-25-2	Bromoform	570	U
79-34-5	1,1,2,2-Tetrachloroethane	570	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-39 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3501 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3501.15

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V03685.D

Level: (low/med) MED Date Received: 4/22/98

% Moisture: not dec. 10.48 Date Analyzed: 4/29/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS
PHONE: (732)532-6224 FAX: (732)532-6263
WET-CHEM - METALS - ORGANICS - FIELD SAMPLING
NJDEP LABORATORY CERTIFICATION # 13461

ANALYTICAL DATA REPORT
Fort Monmouth Environmental Laboratory
ENVIRONMENTAL DIVISION
Fort Monmouth, New Jersey
PROJECT: #IJN 98-0211

M-5 Landfill
Volume II

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1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-40 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3501 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3501.19

Sample wt/vol: 9.6 (g/ml) G Lab File ID: V03693.D

Level: (low/med) MED Date Received: 4/22/98

% Moisture: not dec. 16.71 Date Analyzed: 4/30/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2200	U
107131	Acrylonitrile	2200	U
75650	tert-Butyl alcohol	4100	U
1634044	Methyl-tert-Butyl ether	950	U
108203	Di-isopropyl ether	630	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	320	U
75-01-4	Vinyl Chloride	950	U
74-83-9	Bromomethane	630	U
75-00-3	Chloroethane	950	U
75-69-4	Trichlorofluoromethane	630	U
75-35-4	1,1-Dichloroethene	320	U
67-64-1	Acetone	630	U
75-15-0	Carbon Disulfide	320	U
75-09-2	Methylene Chloride	630	U
156-60-5	trans-1,2-Dichloroethene	630	U
75-35-3	1,1-Dichloroethane	320	U
108-05-4	Vinyl Acetate	950	U
78-93-3	2-Butanone	950	U
	cis-1,2-Dichloroethene	320	U
67-66-3	Chloroform	320	U
75-55-6	1,1,1-Trichloroethane	320	U
56-23-5	Carbon Tetrachloride	630	U
71-43-2	Benzene	320	U
107-06-2	1,2-Dichloroethane	630	U
79-01-6	Trichloroethene	320	U
78-87-5	1,2-Dichloropropane	320	U
75-27-4	Bromodichloromethane	320	U
110-75-8	2-Chloroethyl vinyl ether	630	U
10061-01-5	cis-1,3-Dichloropropene	320	U
108-10-1	4-Methyl-2-Pentanone	630	U
108-88-3	Toluene	320	U
10061-02-6	trans-1,3-Dichloropropene	630	U
79-00-5	1,1,2-Trichloroethane	630	U
127-18-4	Tetrachloroethene	3100	
591-78-6	2-Hexanone	630	U
126-48-1	Dibromochloromethane	630	U
108-90-7	Chlorobenzene	320	U
100-41-4	Ethylbenzene	630	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-40 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3501 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3501.19

Sample wt/vol: 9.6 (g/ml) G Lab File ID: V03693.D

Level: (low/med) MED Date Received: 4/22/98

% Moisture: not dec. 16.71 Date Analyzed: 4/30/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	950	U
1330-20-7	o-Xylene	630	U
100-42-5	Styrene	630	U
75-25-2	Bromoform	630	U
79-34-5	1,1,2,2-Tetrachloroethane	630	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-40 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3501 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3501.19

Sample wt/vol: 9.6 (g/ml) G Lab File ID: V03693.D

Level: (low/med) MED Date Received: 4/22/98

% Moisture: not dec. 16.71 Date Analyzed: 4/30/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-41 30"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3539 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3539.03

Sample wt/vol: 9.5 (g/ml) G Lab File ID: V03715.D

Level: (low/med) MED Date Received: 05/01/98

% Moisture: not dec. 21.92 Date Analyzed: 05/05/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2400	U
107131	Acrylonitrile	2400	U
75650	tert-Butyl alcohol	4400	U
1634044	Methyl-tert-Butyl ether	1000	U
108203	Di-isopropyl ether	680	U
	Dichlorodifluoromethane	1400	U
74-87-3	Chloromethane	340	U
75-01-4	Vinyl Chloride	1000	U
74-83-9	Bromomethane	680	U
75-00-3	Chloroethane	1000	U
75-69-4	Trichlorofluoromethane	680	U
75-35-4	1,1-Dichloroethene	340	U
67-64-1	Acetone	680	U
75-15-0	Carbon Disulfide	340	U
75-09-2	Methylene Chloride	680	U
156-60-5	trans-1,2-Dichloroethene	680	U
75-35-3	1,1-Dichloroethane	340	U
108-05-4	Vinyl Acetate	1000	U
78-93-3	2-Butanone	1000	U
	cis-1,2-Dichloroethene	340	U
67-66-3	Chloroform	340	U
75-55-6	1,1,1-Trichloroethane	340	U
56-23-5	Carbon Tetrachloride	680	U
71-43-2	Benzene	340	U
107-06-2	1,2-Dichloroethane	680	U
79-01-6	Trichloroethene	340	U
78-87-5	1,2-Dichloropropane	340	U
75-27-4	Bromodichloromethane	340	U
110-75-8	2-Chloroethyl vinyl ether	680	U
10061-01-5	cis-1,3-Dichloropropene	340	U
108-10-1	4-Methyl-2-Pentanone	680	U
108-88-3	Toluene	340	U
10061-02-6	trans-1,3-Dichloropropene	680	U
79-00-5	1,1,2-Trichloroethane	680	U
127-18-4	Tetrachloroethene	340	U
591-78-6	2-Hexanone	680	U
126-48-1	Dibromochloromethane	680	U
108-90-7	Chlorobenzene	340	U
100-41-4	Ethylbenzene	680	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-41 30"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3539 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3539.03

Sample wt/vol: 9.5 (g/ml) G Lab File ID: V03715.D

Level: (low/med) MED Date Received: 05/01/98

% Moisture: not dec. 21.92 Date Analyzed: 05/05/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	1000	U
1330-20-7	o-Xylene	680	U
100-42-5	Styrene	680	U
75-25-2	Bromoform	680	U
79-34-5	1,1,2,2-Tetrachloroethane	680	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-41 30"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3539 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3539.03

Sample wt/vol: 9.5 (g/ml) G Lab File ID: V03715.D

Level: (low/med) MED Date Received: 05/01/98

% Moisture: not dec. 21.92 Date Analyzed: 05/05/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 2

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1. 001680-51-9	Naphthalene, 1,2,3,4-tetrahydro-6	30.91	21000	JN
2.	unknown	31.26	1700	J

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-42 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3539 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3539.07

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V03717.D

Level: (low/med) MED Date Received: 05/01/98

% Moisture: not dec. 12.4 Date Analyzed: 05/05/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3700	U
1634044	Methyl-tert-Butyl ether	860	U
108203	Di-isopropyl ether	580	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	290	U
75-01-4	Vinyl Chloride	860	U
74-83-9	Bromomethane	580	U
75-00-3	Chloroethane	860	U
75-69-4	Trichlorofluoromethane	580	U
75-35-4	1,1-Dichloroethene	290	U
67-64-1	Acetone	580	U
75-15-0	Carbon Disulfide	290	U
75-09-2	Methylene Chloride	580	U
156-60-5	trans-1,2-Dichloroethene	580	U
75-35-3	1,1-Dichloroethane	290	U
108-05-4	Vinyl Acetate	860	U
78-93-3	2-Butanone	860	U
	cis-1,2-Dichloroethene	290	U
67-66-3	Chloroform	290	U
75-55-6	1,1,1-Trichloroethane	290	U
56-23-5	Carbon Tetrachloride	580	U
71-43-2	Benzene	290	U
107-06-2	1,2-Dichloroethane	580	U
79-01-6	Trichloroethene	290	U
78-87-5	1,2-Dichloropropane	290	U
75-27-4	Bromodichloromethane	290	U
110-75-8	2-Chloroethyl vinyl ether	580	U
10061-01-5	cis-1,3-Dichloropropene	290	U
108-10-1	4-Methyl-2-Pentanone	580	U
108-88-3	Toluene	290	U
10061-02-6	trans-1,3-Dichloropropene	580	U
79-00-5	1,1,2-Trichloroethane	580	U
127-18-4	Tetrachloroethene	290	U
591-78-6	2-Hexanone	580	U
126-48-1	Dibromochloromethane	580	U
108-90-7	Chlorobenzene	290	U
100-41-4	Ethylbenzene	580	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-42 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3539 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3539.07

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V03717.D

Level: (low/med) MED Date Received: 05/01/98

% Moisture: not dec. 12.4 Date Analyzed: 05/05/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	860	U
1330-20-7	o-Xylene	580	U
100-42-5	Styrene	580	U
75-25-2	Bromoform	580	U
79-34-5	1,1,2,2-Tetrachloroethane	580	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-42 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3539 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3539.07

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V03717.D

Level: (low/med) MED Date Received: 05/01/98

% Moisture: not dec. 12.4 Date Analyzed: 05/05/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-43 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3543 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3543.03

Sample wt/vol: 9.6 (g/ml) G Lab File ID: V03720.D

Level: (low/med) MED Date Received: 05/04/98

% Moisture: not dec. 17.4 Date Analyzed: 05/05/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2200	U
107131	Acrylonitrile	2200	U
75650	tert-Butyl alcohol	4100	U
1634044	Methyl-tert-Butyl ether	940	U
108203	Di-isopropyl ether	630	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	310	U
75-01-4	Vinyl Chloride	940	U
74-83-9	Bromomethane	630	U
75-00-3	Chloroethane	940	U
75-69-4	Trichlorofluoromethane	630	U
75-35-4	1,1-Dichloroethene	310	U
67-64-1	Acetone	630	U
75-15-0	Carbon Disulfide	310	U
75-09-2	Methylene Chloride	630	U
156-60-5	trans-1,2-Dichloroethene	630	U
75-35-3	1,1-Dichloroethane	310	U
108-05-4	Vinyl Acetate	940	U
78-93-3	2-Butanone	940	U
	cis-1,2-Dichloroethene	310	U
67-66-3	Chloroform	310	U
75-55-6	1,1,1-Trichloroethane	310	U
56-23-5	Carbon Tetrachloride	630	U
71-43-2	Benzene	310	U
107-06-2	1,2-Dichloroethane	630	U
79-01-6	Trichloroethene	310	U
78-87-5	1,2-Dichloropropane	310	U
75-27-4	Bromodichloromethane	310	U
110-75-8	2-Chloroethyl vinyl ether	630	U
10061-01-5	cis-1,3-Dichloropropene	310	U
108-10-1	4-Methyl-2-Pentanone	630	U
108-88-3	Toluene	310	U
10061-02-6	trans-1,3-Dichloropropene	630	U
79-00-5	1,1,2-Trichloroethane	630	U
127-18-4	Tetrachloroethene	310	U
591-78-6	2-Hexanone	630	U
126-48-1	Dibromochloromethane	630	U
108-90-7	Chlorobenzene	310	U
100-41-4	Ethylbenzene	630	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-43 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3543 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3543.03

Sample wt/vol: 9.6 (g/ml) G Lab File ID: V03720.D

Level: (low/med) MED Date Received: 05/04/98

% Moisture: not dec. 17.4 Date Analyzed: 05/05/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	940	U
1330-20-7	o-Xylene	630	U
100-42-5	Styrene	630	U
75-25-2	Bromoform	630	U
79-34-5	1,1,2,2-Tetrachloroethane	630	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-43 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3543 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3543.03

Sample wt/vol: 9.6 (g/ml) G Lab File ID: V03720.D

Level: (low/med) MED Date Received: 05/04/98

% Moisture: not dec. 17.4 Date Analyzed: 05/05/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-44 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3543 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3543.07

Sample wt/vol: 9.6 (g/ml) G Lab File ID: V03722.D

Level: (low/med) MED Date Received: 05/04/98

% Moisture: not dec. 24.2 Date Analyzed: 05/05/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND (ug/L or ug/Kg) UG/KG		Q
107028	Acrolein	2400	U
107131	Acrylonitrile	2400	U
75650	tert-Butyl alcohol	4500	U
1634044	Methyl-tert-Butyl ether	1000	U
108203	Di-isopropyl ether	690	U
	Dichlorodifluoromethane	1400	U
74-87-3	Chloromethane	340	U
75-01-4	Vinyl Chloride	1000	U
74-83-9	Bromomethane	690	U
75-00-3	Chloroethane	1000	U
75-69-4	Trichlorofluoromethane	690	U
75-35-4	1,1-Dichloroethene	340	U
67-64-1	Acetone	690	U
75-15-0	Carbon Disulfide	340	U
75-09-2	Methylene Chloride	690	U
156-60-5	trans-1,2-Dichloroethene	690	U
75-35-3	1,1-Dichloroethane	340	U
108-05-4	Vinyl Acetate	1000	U
78-93-3	2-Butanone	1000	U
	cis-1,2-Dichloroethene	340	U
67-66-3	Chloroform	340	U
75-55-6	1,1,1-Trichloroethane	340	U
56-23-5	Carbon Tetrachloride	690	U
71-43-2	Benzene	340	U
107-06-2	1,2-Dichloroethane	690	U
79-01-6	Trichloroethene	340	U
78-87-5	1,2-Dichloropropane	340	U
75-27-4	Bromodichloromethane	340	U
110-75-8	2-Chloroethyl vinyl ether	690	U
10061-01-5	cis-1,3-Dichloropropene	340	U
108-10-1	4-Methyl-2-Pentanone	690	U
108-88-3	Toluene	340	U
10061-02-6	trans-1,3-Dichloropropene	690	U
79-00-5	1,1,2-Trichloroethane	690	U
127-18-4	Tetrachloroethene	340	U
591-78-6	2-Hexanone	690	U
126-48-1	Dibromochloromethane	690	U
108-90-7	Chlorobenzene	340	U
100-41-4	Ethylbenzene	690	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-44 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3543 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3543.07

Sample wt/vol: 9.6 (g/ml) G Lab File ID: V03722.D

Level: (low/med) MED Date Received: 05/04/98

% Moisture: not dec. 24.2 Date Analyzed: 05/05/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	1000	U
1330-20-7	o-Xylene	690	U
100-42-5	Styrene	690	U
75-25-2	Bromoform	690	U
79-34-5	1,1,2,2-Tetrachloroethane	690	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-44 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3543 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3543.07

Sample wt/vol: 9.6 (g/ml) G Lab File ID: V03722.D

Level: (low/med) MED Date Received: 05/04/98

% Moisture: not dec. 24.2 Date Analyzed: 05/05/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-45 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3543 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3543.11

Sample wt/vol: 9.6 (g/ml) G Lab File ID: V03732.D

Level: (low/med) MED Date Received: 05/04/98

% Moisture: not dec. 20.3 Date Analyzed: 05/06/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2300	U
107131	Acrylonitrile	2300	U
75650	tert-Butyl alcohol	4200	U
1634044	Methyl-tert-Butyl ether	980	U
108203	Di-isopropyl ether	650	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	330	U
75-01-4	Vinyl Chloride	980	U
74-83-9	Bromomethane	650	U
75-00-3	Chloroethane	980	U
75-69-4	Trichlorofluoromethane	650	U
75-35-4	1,1-Dichloroethene	330	U
67-64-1	Acetone	650	U
75-15-0	Carbon Disulfide	330	U
75-09-2	Methylene Chloride	650	U
156-60-5	trans-1,2-Dichloroethene	650	U
75-35-3	1,1-Dichloroethane	330	U
108-05-4	Vinyl Acetate	980	U
78-93-3	2-Butanone	980	U
	cis-1,2-Dichloroethene	330	U
67-66-3	Chloroform	330	U
75-55-6	1,1,1-Trichloroethane	330	U
56-23-5	Carbon Tetrachloride	650	U
71-43-2	Benzene	330	U
107-06-2	1,2-Dichloroethane	650	U
79-01-6	Trichloroethene	330	U
78-87-5	1,2-Dichloropropane	330	U
75-27-4	Bromodichloromethane	330	U
110-75-8	2-Chloroethyl vinyl ether	650	U
10061-01-5	cis-1,3-Dichloropropene	330	U
108-10-1	4-Methyl-2-Pentanone	650	U
108-88-3	Toluene	330	U
10061-02-6	trans-1,3-Dichloropropene	650	U
79-00-5	1,1,2-Trichloroethane	650	U
127-18-4	Tetrachloroethene	330	U
591-78-6	2-Hexanone	650	U
126-48-1	Dibromochloromethane	650	U
108-90-7	Chlorobenzene	330	U
100-41-4	Ethylbenzene	650	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-45 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3543 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3543.11

Sample wt/vol: 9.6 (g/ml) G Lab File ID: V03732.D

Level: (low/med) MED Date Received: 05/04/98

% Moisture: not dec. 20.3 Date Analyzed: 05/06/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	980	U
1330-20-7	o-Xylene	650	U
100-42-5	Styrene	650	U
75-25-2	Bromoform	650	U
79-34-5	1,1,2,2-Tetrachloroethane	650	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-45 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3543 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3543.11

Sample wt/vol: 9.6 (g/ml) G Lab File ID: V03732.D

Level: (low/med) MED Date Received: 05/04/98

% Moisture: not dec. 20.3 Date Analyzed: 05/06/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	unknown hydrocarbon	14.46	1800	J

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-46 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3543 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3543.15

Sample wt/vol: 9.5 (g/ml) G Lab File ID: V03734.D

Level: (low/med) MED Date Received: 05/04/98

% Moisture: not dec. 23.4 Date Analyzed: 05/06/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2400	U
107131	Acrylonitrile	2400	U
75650	tert-Butyl alcohol	4400	U
1634044	Methyl-tert-Butyl ether	1000	U
108203	Di-isopropyl ether	680	U
	Dichlorodifluoromethane	1400	U
74-87-3	Chloromethane	340	U
75-01-4	Vinyl Chloride	1000	U
74-83-9	Bromomethane	680	U
75-00-3	Chloroethane	1000	U
75-69-4	Trichlorofluoromethane	680	U
75-35-4	1,1-Dichloroethene	340	U
67-64-1	Acetone	680	U
75-15-0	Carbon Disulfide	340	U
75-09-2	Methylene Chloride	680	U
156-60-5	trans-1,2-Dichloroethene	680	U
75-35-3	1,1-Dichloroethane	340	U
108-05-4	Vinyl Acetate	1000	U
78-93-3	2-Butanone	1000	U
	cis-1,2-Dichloroethene	340	U
67-66-3	Chloroform	340	U
75-55-6	1,1,1-Trichloroethane	340	U
56-23-5	Carbon Tetrachloride	680	U
71-43-2	Benzene	340	U
107-06-2	1,2-Dichloroethane	680	U
79-01-6	Trichloroethene	340	U
78-87-5	1,2-Dichloropropane	340	U
75-27-4	Bromodichloromethane	340	U
110-75-8	2-Chloroethyl vinyl ether	680	U
10061-01-5	cis-1,3-Dichloropropene	340	U
108-10-1	4-Methyl-2-Pentanone	680	U
108-88-3	Toluene	340	U
10061-02-6	trans-1,3-Dichloropropene	680	U
79-00-5	1,1,2-Trichloroethane	680	U
127-18-4	Tetrachloroethene	450	
591-78-6	2-Hexanone	680	U
126-48-1	Dibromochloromethane	680	U
108-90-7	Chlorobenzene	340	U
100-41-4	Ethylbenzene	680	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-46 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3543 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3543.15

Sample wt/vol: 9.5 (g/ml) G Lab File ID: V03734.D

Level: (low/med) MED Date Received: 05/04/98

% Moisture: not dec. 23.4 Date Analyzed: 05/06/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	1000	U
1330-20-7	o-Xylene	680	U
100-42-5	Styrene	680	U
75-25-2	Bromoform	680	U
79-34-5	1,1,2,2-Tetrachloroethane	680	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-46 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3543 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3543.15

Sample wt/vol: 9.5 (g/ml) G Lab File ID: V03734.D

Level: (low/med) MED Date Received: 05/04/98

% Moisture: not dec. 23.4 Date Analyzed: 05/06/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	unknown hydrocarbon	14.45	1500	J

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-47 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3547 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3547.03

Sample wt/vol: 10.5 (g/ml) G Lab File ID: V03776.D

Level: (low/med) MED Date Received: 05/05/98

% Moisture: not dec. 6.2 Date Analyzed: 05/18/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3300	U
1634044	Methyl-tert-Butyl ether	760	U
108203	Di-isopropyl ether	510	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	760	U
74-83-9	Bromomethane	510	U
75-00-3	Chloroethane	760	U
75-69-4	Trichlorofluoromethane	510	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	510	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	510	U
156-60-5	trans-1,2-Dichloroethene	510	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	760	U
78-93-3	2-Butanone	760	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	510	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	510	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	510	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	510	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	510	U
79-00-5	1,1,2-Trichloroethane	510	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	510	U
126-48-1	Dibromochloromethane	510	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	510	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-47 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3547 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3547.03

Sample wt/vol: 10.5 (g/ml) G Lab File ID: V03776.D

Level: (low/med) MED Date Received: 05/05/98

% Moisture: not dec. 6.2 Date Analyzed: 05/18/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	760	U
1330-20-7	o-Xylene	510	U
100-42-5	Styrene	510	U
75-25-2	Bromoform	510	U
79-34-5	1,1,2,2-Tetrachloroethane	510	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-47 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3547 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3547.03

Sample wt/vol: 10.5 (g/ml) G Lab File ID: V03776.D

Level: (low/med) MED Date Received: 05/05/98

% Moisture: not dec. 6.2 Date Analyzed: 05/18/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-48 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3547 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3547.07

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V03757.D

Level: (low/med) MED Date Received: 05/05/98

% Moisture: not dec. 5.6 Date Analyzed: 05/15/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3500	U
1634044	Methyl-tert-Butyl ether	800	U
108203	Di-isopropyl ether	530	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	270	U
75-01-4	Vinyl Chloride	800	U
74-83-9	Bromomethane	530	U
75-00-3	Chloroethane	800	U
75-69-4	Trichlorofluoromethane	530	U
75-35-4	1,1-Dichloroethene	270	U
67-64-1	Acetone	530	U
75-15-0	Carbon Disulfide	270	U
75-09-2	Methylene Chloride	530	U
156-60-5	trans-1,2-Dichloroethene	530	U
75-35-3	1,1-Dichloroethane	270	U
108-05-4	Vinyl Acetate	800	U
78-93-3	2-Butanone	800	U
	cis-1,2-Dichloroethene	270	U
67-66-3	Chloroform	270	U
75-55-6	1,1,1-Trichloroethane	270	U
56-23-5	Carbon Tetrachloride	530	U
71-43-2	Benzene	270	U
107-06-2	1,2-Dichloroethane	530	U
79-01-6	Trichloroethene	270	U
78-87-5	1,2-Dichloropropane	270	U
75-27-4	Bromodichloromethane	270	U
110-75-8	2-Chloroethyl vinyl ether	530	U
10061-01-5	cis-1,3-Dichloropropene	270	U
108-10-1	4-Methyl-2-Pentanone	530	U
108-88-3	Toluene	270	U
10061-02-6	trans-1,3-Dichloropropene	530	U
79-00-5	1,1,2-Trichloroethane	530	U
127-18-4	Tetrachloroethene	270	U
591-78-6	2-Hexanone	530	U
126-48-1	Dibromochloromethane	530	U
108-90-7	Chlorobenzene	270	U
100-41-4	Ethylbenzene	530	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-48 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3547 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3547.07

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V03757.D

Level: (low/med) MED Date Received: 05/05/98

% Moisture: not dec. 5.6 Date Analyzed: 05/15/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	800	U
1330-20-7	o-Xylene	530	U
100-42-5	Styrene	530	U
75-25-2	Bromoform	530	U
79-34-5	1,1,2,2-Tetrachloroethane	530	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-48 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3547 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3547.07

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V03757.D

Level: (low/med) MED Date Received: 05/05/98

% Moisture: not dec. 5.6 Date Analyzed: 05/15/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1. 000091-57-6	Naphthalene, 2-methyl-	31.81	2300	JN

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-49 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3547 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3547.11

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V03759.D

Level: (low/med) MED Date Received: 05/05/98

% Moisture: not dec. 7.3 Date Analyzed: 05/15/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3500	U
1634044	Methyl-tert-Butyl ether	810	U
108203	Di-isopropyl ether	540	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	270	U
75-01-4	Vinyl Chloride	810	U
74-83-9	Bromomethane	540	U
75-00-3	Chloroethane	810	U
75-69-4	Trichlorofluoromethane	540	U
75-35-4	1,1-Dichloroethene	270	U
67-64-1	Acetone	540	U
75-15-0	Carbon Disulfide	270	U
75-09-2	Methylene Chloride	540	U
156-60-5	trans-1,2-Dichloroethene	540	U
75-35-3	1,1-Dichloroethane	270	U
108-05-4	Vinyl Acetate	810	U
78-93-3	2-Butanone	810	U
	cis-1,2-Dichloroethene	270	U
67-66-3	Chloroform	270	U
75-55-6	1,1,1-Trichloroethane	270	U
56-23-5	Carbon Tetrachloride	540	U
71-43-2	Benzene	270	U
107-06-2	1,2-Dichloroethane	540	U
79-01-6	Trichloroethene	270	U
78-87-5	1,2-Dichloropropane	270	U
75-27-4	Bromodichloromethane	270	U
110-75-8	2-Chloroethyl vinyl ether	540	U
10061-01-5	cis-1,3-Dichloropropene	270	U
108-10-1	4-Methyl-2-Pentanone	540	U
108-88-3	Toluene	270	U
10061-02-6	trans-1,3-Dichloropropene	540	U
79-00-5	1,1,2-Trichloroethane	540	U
127-18-4	Tetrachloroethene	270	U
591-78-6	2-Hexanone	540	U
126-48-1	Dibromochloromethane	540	U
108-90-7	Chlorobenzene	270	U
100-41-4	Ethylbenzene	540	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-49 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3547 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3547.11

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V03759.D

Level: (low/med) MED Date Received: 05/05/98

% Moisture: not dec. 7.3 Date Analyzed: 05/15/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	810	U
1330-20-7	o-Xylene	540	U
100-42-5	Styrene	540	U
75-25-2	Bromoform	540	U
79-34-5	1,1,2,2-Tetrachloroethane	540	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-49 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3547 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3547.11

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V03759.D

Level: (low/med) MED Date Received: 05/05/98

% Moisture: not dec. 7.3 Date Analyzed: 05/15/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 3

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	unknown hydrocarbon	11.92	10000	J
2. 001120-21-4	Undecane	25.58	2400	JN
3. 000124-18-5	Decane	31.88	2100	JN

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-50 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3547 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3547.15

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V03761.D

Level: (low/med) MED Date Received: 05/05/98

% Moisture: not dec. 6.2 Date Analyzed: 05/15/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3500	U
1634044	Methyl-tert-Butyl ether	810	U
108203	Di-isopropyl ether	540	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	270	U
75-01-4	Vinyl Chloride	810	U
74-83-9	Bromomethane	540	U
75-00-3	Chloroethane	810	U
75-69-4	Trichlorofluoromethane	540	U
75-35-4	1,1-Dichloroethene	270	U
67-64-1	Acetone	540	U
75-15-0	Carbon Disulfide	270	U
75-09-2	Methylene Chloride	540	U
156-60-5	trans-1,2-Dichloroethene	540	U
75-35-3	1,1-Dichloroethane	270	U
108-05-4	Vinyl Acetate	810	U
78-93-3	2-Butanone	810	U
	cis-1,2-Dichloroethene	270	U
67-66-3	Chloroform	270	U
75-55-6	1,1,1-Trichloroethane	270	U
56-23-5	Carbon Tetrachloride	540	U
71-43-2	Benzene	270	U
107-06-2	1,2-Dichloroethane	540	U
79-01-6	Trichloroethene	270	U
78-87-5	1,2-Dichloropropane	270	U
75-27-4	Bromodichloromethane	270	U
110-75-8	2-Chloroethyl vinyl ether	540	U
10061-01-5	cis-1,3-Dichloropropene	270	U
108-10-1	4-Methyl-2-Pentanone	540	U
108-88-3	Toluene	270	U
10061-02-6	trans-1,3-Dichloropropene	540	U
79-00-5	1,1,2-Trichloroethane	540	U
127-18-4	Tetrachloroethene	270	U
591-78-6	2-Hexanone	540	U
126-48-1	Dibromochloromethane	540	U
108-90-7	Chlorobenzene	270	U
100-41-4	Ethylbenzene	540	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-50 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3547 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3547.15

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V03761.D

Level: (low/med) MED Date Received: 05/05/98

% Moisture: not dec. 6.2 Date Analyzed: 05/15/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	810	U
1330-20-7	o-Xylene	540	U
100-42-5	Styrene	540	U
75-25-2	Bromoform	540	U
79-34-5	1,1,2,2-Tetrachloroethane	540	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-50 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3547 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3547.15

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V03761.D

Level: (low/med) MED Date Received: 05/05/98

% Moisture: not dec. 6.2 Date Analyzed: 05/15/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	unknown hydrocarbon	30.45	7600	J

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-51 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3547 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3547.19

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V03778.D

Level: (low/med) MED Date Received: 05/05/98

% Moisture: not dec. 8.7 Date Analyzed: 05/18/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3700	U
1634044	Methyl-tert-Butyl ether	840	U
108203	Di-isopropyl ether	560	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	840	U
74-83-9	Bromomethane	560	U
75-00-3	Chloroethane	840	U
75-69-4	Trichlorofluoromethane	560	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	560	U
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	560	U
156-60-5	trans-1,2-Dichloroethene	560	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	840	U
78-93-3	2-Butanone	840	U
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	280	U
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	560	U
71-43-2	Benzene	280	U
107-06-2	1,2-Dichloroethane	560	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	560	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	560	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	560	U
79-00-5	1,1,2-Trichloroethane	560	U
127-18-4	Tetrachloroethene	280	U
591-78-6	2-Hexanone	560	U
126-48-1	Dibromochloromethane	560	U
108-90-7	Chlorobenzene	280	U
100-41-4	Ethylbenzene	560	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-51 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3547 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3547.19

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V03778.D

Level: (low/med) MED Date Received: 05/05/98

% Moisture: not dec. 8.7 Date Analyzed: 05/18/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	840	U
1330-20-7	o-Xylene	560	U
100-42-5	Styrene	560	U
75-25-2	Bromoform	560	U
79-34-5	1,1,2,2-Tetrachloroethane	560	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-51 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3547 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3547.19

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V03778.D

Level: (low/med) MED Date Received: 05/05/98

% Moisture: not dec. 8.7 Date Analyzed: 05/18/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-52 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3550 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3550.04

Sample wt/vol: 9.0 (g/ml) G Lab File ID: V03781.D

Level: (low/med) MED Date Received: 05/06/98

% Moisture: not dec. 9.9 Date Analyzed: 05/18/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2200	U
107131	Acrylonitrile	2200	U
75650	tert-Butyl alcohol	4000	U
1634044	Methyl-tert-Butyl ether	930	U
108203	Di-isopropyl ether	620	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	310	U
75-01-4	Vinyl Chloride	930	U
74-83-9	Bromomethane	620	U
75-00-3	Chloroethane	930	U
75-69-4	Trichlorofluoromethane	620	U
75-35-4	1,1-Dichloroethene	310	U
67-64-1	Acetone	620	U
75-15-0	Carbon Disulfide	310	U
75-09-2	Methylene Chloride	620	U
156-60-5	trans-1,2-Dichloroethene	620	U
75-35-3	1,1-Dichloroethane	310	U
108-05-4	Vinyl Acetate	930	U
78-93-3	2-Butanone	930	U
	cis-1,2-Dichloroethene	310	U
67-66-3	Chloroform	310	U
75-55-6	1,1,1-Trichloroethane	310	U
56-23-5	Carbon Tetrachloride	620	U
71-43-2	Benzene	310	U
107-06-2	1,2-Dichloroethane	620	U
79-01-6	Trichloroethene	310	U
78-87-5	1,2-Dichloropropane	310	U
75-27-4	Bromodichloromethane	310	U
110-75-8	2-Chloroethyl vinyl ether	620	U
10061-01-5	cis-1,3-Dichloropropene	310	U
108-10-1	4-Methyl-2-Pentanone	620	U
108-88-3	Toluene	310	U
10061-02-6	trans-1,3-Dichloropropene	620	U
79-00-5	1,1,2-Trichloroethane	620	U
127-18-4	Tetrachloroethene	310	U
591-78-6	2-Hexanone	620	U
126-48-1	Dibromochloromethane	620	U
108-90-7	Chlorobenzene	310	U
100-41-4	Ethylbenzene	620	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-52 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3550 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3550.04

Sample wt/vol: 9.0 (g/ml) G Lab File ID: V03781.D

Level: (low/med) MED Date Received: 05/06/98

% Moisture: not dec. 9.9 Date Analyzed: 05/18/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	930	U
1330-20-7	o-Xylene	620	U
100-42-5	Styrene	620	U
75-25-2	Bromoform	620	U
79-34-5	1,1,2,2-Tetrachloroethane	620	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-52 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3550 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3550.04

Sample wt/vol: 9.0 (g/ml) G Lab File ID: V03781.D

Level: (low/med) MED Date Received: 05/06/98

% Moisture: not dec. 9.9 Date Analyzed: 05/18/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-53 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3550 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3550.08

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V03794.D

Level: (low/med) MED Date Received: 05/06/98

% Moisture: not dec. 6.5 Date Analyzed: 05/19/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3500	U
1634044	Methyl-tert-Butyl ether	810	U
108203	Di-isopropyl ether	540	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	270	U
75-01-4	Vinyl Chloride	810	U
74-83-9	Bromomethane	540	U
75-00-3	Chloroethane	810	U
75-69-4	Trichlorofluoromethane	540	U
75-35-4	1,1-Dichloroethene	270	U
67-64-1	Acetone	540	U
75-15-0	Carbon Disulfide	270	U
75-09-2	Methylene Chloride	540	U
156-60-5	trans-1,2-Dichloroethene	540	U
75-35-3	1,1-Dichloroethane	270	U
108-05-4	Vinyl Acetate	810	U
78-93-3	2-Butanone	810	U
	cis-1,2-Dichloroethene	270	U
67-66-3	Chloroform	270	U
75-55-6	1,1,1-Trichloroethane	270	U
56-23-5	Carbon Tetrachloride	540	U
71-43-2	Benzene	270	U
107-06-2	1,2-Dichloroethane	540	U
79-01-6	Trichloroethene	270	U
78-87-5	1,2-Dichloropropane	270	U
75-27-4	Bromodichloromethane	270	U
110-75-8	2-Chloroethyl vinyl ether	540	U
10061-01-5	cis-1,3-Dichloropropene	270	U
108-10-1	4-Methyl-2-Pentanone	540	U
108-88-3	Toluene	270	U
10061-02-6	trans-1,3-Dichloropropene	540	U
79-00-5	1,1,2-Trichloroethane	540	U
127-18-4	Tetrachloroethene	270	U
591-78-6	2-Hexanone	540	U
126-48-1	Dibromochloromethane	540	U
108-90-7	Chlorobenzene	270	U
100-41-4	Ethylbenzene	540	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-53 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3550 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3550.08

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V03794.D

Level: (low/med) MED Date Received: 05/06/98

% Moisture: not dec. 6.5 Date Analyzed: 05/19/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	810	U
1330-20-7	o-Xylene	540	U
100-42-5	Styrene	540	U
75-25-2	Bromoform	540	U
79-34-5	1,1,2,2-Tetrachloroethane	540	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-53 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3550 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3550.08

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V03794.D

Level: (low/med) MED Date Received: 05/06/98

% Moisture: not dec. 6.5 Date Analyzed: 05/19/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 4

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1. 000095-63-6	Benzene, 1,2,4-trimethyl-	19.04	24000	JN
2. 000526-73-8	Benzene, 1,2,3-trimethyl-	24.95	5300	JN
3. 000496-11-7	Indane	27.42	6700	JN
4. 000933-98-2	Benzene, 1-ethyl-2,3-dimethyl-	29.70	1700	JN

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-54 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3550 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3550.12

Sample wt/vol: 9.6 (g/ml) G Lab File ID: V03796.D

Level: (low/med) MED Date Received: 05/06/98

% Moisture: not dec. 10.4 Date Analyzed: 05/19/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3800	U
1634044	Methyl-tert-Butyl ether	870	U
108203	Di-isopropyl ether	580	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	290	U
75-01-4	Vinyl Chloride	870	U
74-83-9	Bromomethane	580	U
75-00-3	Chloroethane	870	U
75-69-4	Trichlorofluoromethane	580	U
75-35-4	1,1-Dichloroethene	290	U
67-64-1	Acetone	580	U
75-15-0	Carbon Disulfide	290	U
75-09-2	Methylene Chloride	580	U
156-60-5	trans-1,2-Dichloroethene	580	U
75-35-3	1,1-Dichloroethane	290	U
108-05-4	Vinyl Acetate	870	U
78-93-3	2-Butanone	870	U
	cis-1,2-Dichloroethene	290	U
67-66-3	Chloroform	290	U
75-55-6	1,1,1-Trichloroethane	290	U
56-23-5	Carbon Tetrachloride	580	U
71-43-2	Benzene	290	U
107-06-2	1,2-Dichloroethane	580	U
79-01-6	Trichloroethene	290	U
78-87-5	1,2-Dichloropropane	290	U
75-27-4	Bromodichloromethane	290	U
110-75-8	2-Chloroethyl vinyl ether	580	U
10061-01-5	cis-1,3-Dichloropropene	290	U
108-10-1	4-Methyl-2-Pentanone	580	U
108-88-3	Toluene	290	U
10061-02-6	trans-1,3-Dichloropropene	580	U
79-00-5	1,1,2-Trichloroethane	580	U
127-18-4	Tetrachloroethene	290	U
591-78-6	2-Hexanone	580	U
126-48-1	Dibromochloromethane	580	U
108-90-7	Chlorobenzene	290	U
100-41-4	Ethylbenzene	580	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-54 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3550 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3550.12

Sample wt/vol: 9.6 (g/ml) G Lab File ID: V03796.D

Level: (low/med) MED Date Received: 05/06/98

% Moisture: not dec. 10.4 Date Analyzed: 05/19/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	870	U
1330-20-7	o-Xylene	580	U
100-42-5	Styrene	580	U
75-25-2	Bromoform	580	U
79-34-5	1,1,2,2-Tetrachloroethane	580	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-54 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3550 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3550.12

Sample wt/vol: 9.6 (g/ml) G Lab File ID: V03796.D

Level: (low/med) MED Date Received: 05/06/98

% Moisture: not dec. 10.4 Date Analyzed: 05/19/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-55 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3550 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3550.16

Sample wt/vol: 9.7 (g/ml) G Lab File ID: V03798.D

Level: (low/med) MED Date Received: 05/06/98

% Moisture: not dec. 16.8 Date Analyzed: 05/19/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2200	U
107131	Acrylonitrile	2200	U
75650	tert-Butyl alcohol	4000	U
1634044	Methyl-tert-Butyl ether	930	U
108203	Di-isopropyl ether	620	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	310	U
75-01-4	Vinyl Chloride	930	U
74-83-9	Bromomethane	620	U
75-00-3	Chloroethane	930	U
75-69-4	Trichlorofluoromethane	620	U
75-35-4	1,1-Dichloroethene	310	U
67-64-1	Acetone	620	U
75-15-0	Carbon Disulfide	310	U
75-09-2	Methylene Chloride	620	U
156-60-5	trans-1,2-Dichloroethene	620	U
75-35-3	1,1-Dichloroethane	310	U
108-05-4	Vinyl Acetate	930	U
78-93-3	2-Butanone	930	U
	cis-1,2-Dichloroethene	310	U
67-66-3	Chloroform	310	U
75-55-6	1,1,1-Trichloroethane	310	U
56-23-5	Carbon Tetrachloride	620	U
71-43-2	Benzene	310	U
107-06-2	1,2-Dichloroethane	620	U
79-01-6	Trichloroethene	310	U
78-87-5	1,2-Dichloropropane	310	U
75-27-4	Bromodichloromethane	310	U
110-75-8	2-Chloroethyl vinyl ether	620	U
10061-01-5	cis-1,3-Dichloropropene	310	U
108-10-1	4-Methyl-2-Pentanone	620	U
108-88-3	Toluene	310	U
10061-02-6	trans-1,3-Dichloropropene	620	U
79-00-5	1,1,2-Trichloroethane	620	U
127-18-4	Tetrachloroethene	310	U
591-78-6	2-Hexanone	620	U
126-48-1	Dibromochloromethane	620	U
108-90-7	Chlorobenzene	310	U
100-41-4	Ethylbenzene	620	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-55 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3550 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3550.16

Sample wt/vol: 9.7 (g/ml) G Lab File ID: V03798.D

Level: (low/med) MED Date Received: 05/06/98

% Moisture: not dec. 16.8 Date Analyzed: 05/19/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	930	U
1330-20-7	o-Xylene	620	U
100-42-5	Styrene	620	U
75-25-2	Bromoform	620	U
79-34-5	1,1,2,2-Tetrachloroethane	620	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-55 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3550 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3550.16

Sample wt/vol: 9.7 (g/ml) G Lab File ID: V03798.D

Level: (low/med) MED Date Received: 05/06/98

% Moisture: not dec. 16.8 Date Analyzed: 05/19/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-56 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3561 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3561.03

Sample wt/vol: 9.1 (g/ml) G Lab File ID: V03805.D

Level: (low/med) MED Date Received: 05/11/98

% Moisture: not dec. 14.9 Date Analyzed: 05/21/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2300	U
107131	Acrylonitrile	2300	U
75650	tert-Butyl alcohol	4200	U
1634044	Methyl-tert-Butyl ether	970	U
108203	Di-isopropyl ether	640	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	320	U
75-01-4	Vinyl Chloride	970	U
74-83-9	Bromomethane	640	U
75-00-3	Chloroethane	970	U
75-69-4	Trichlorofluoromethane	640	U
75-35-4	1,1-Dichloroethene	320	U
67-64-1	Acetone	640	U
75-15-0	Carbon Disulfide	320	U
75-09-2	Methylene Chloride	640	U
156-60-5	trans-1,2-Dichloroethene	640	U
75-35-3	1,1-Dichloroethane	320	U
108-05-4	Vinyl Acetate	970	U
78-93-3	2-Butanone	970	U
	cis-1,2-Dichloroethene	320	U
67-66-3	Chloroform	320	U
75-55-6	1,1,1-Trichloroethane	320	U
56-23-5	Carbon Tetrachloride	640	U
71-43-2	Benzene	320	U
107-06-2	1,2-Dichloroethane	640	U
79-01-6	Trichloroethene	320	U
78-87-5	1,2-Dichloropropane	320	U
75-27-4	Bromodichloromethane	320	U
110-75-8	2-Chloroethyl vinyl ether	640	U
10061-01-5	cis-1,3-Dichloropropene	320	U
108-10-1	4-Methyl-2-Pentanone	640	U
108-88-3	Toluene	320	U
10061-02-6	trans-1,3-Dichloropropene	640	U
79-00-5	1,1,2-Trichloroethane	640	U
127-18-4	Tetrachloroethene	320	U
591-78-6	2-Hexanone	640	U
126-48-1	Dibromochloromethane	640	U
108-90-7	Chlorobenzene	320	U
100-41-4	Ethylbenzene	640	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-56 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3561 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3561.03

Sample wt/vol: 9.1 (g/ml) G Lab File ID: V03805.D

Level: (low/med) MED Date Received: 05/11/98

% Moisture: not dec. 14.9 Date Analyzed: 05/21/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	970	U
1330-20-7	o-Xylene	640	U
100-42-5	Styrene	640	U
75-25-2	Bromoform	640	U
79-34-5	1,1,2,2-Tetrachloroethane	640	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-56 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3561 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3561.03

Sample wt/vol: 9.1 (g/ml) G Lab File ID: V03805.D

Level: (low/med) MED Date Received: 05/11/98

% Moisture: not dec. 14.9 Date Analyzed: 05/21/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-57 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3561 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3561.07

Sample wt/vol: 9.0 (g/ml) G Lab File ID: V03807.D

Level: (low/med) MED Date Received: 05/11/98

% Moisture: not dec. 23.1 Date Analyzed: 05/21/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2500	U
107131	Acrylonitrile	2500	U
75650	tert-Butyl alcohol	4700	U
1634044	Methyl-tert-Butyl ether	1100	U
108203	Di-isopropyl ether	720	U
	Dichlorodifluoromethane	1400	U
74-87-3	Chloromethane	360	U
75-01-4	Vinyl Chloride	1100	U
74-83-9	Bromomethane	720	U
75-00-3	Chloroethane	1100	U
75-69-4	Trichlorofluoromethane	720	U
75-35-4	1,1-Dichloroethene	360	U
67-64-1	Acetone	720	U
75-15-0	Carbon Disulfide	360	U
75-09-2	Methylene Chloride	720	U
156-60-5	trans-1,2-Dichloroethene	720	U
75-35-3	1,1-Dichloroethane	360	U
108-05-4	Vinyl Acetate	1100	U
78-93-3	2-Butanone	1100	U
	cis-1,2-Dichloroethene	360	U
67-66-3	Chloroform	360	U
75-55-6	1,1,1-Trichloroethane	360	U
56-23-5	Carbon Tetrachloride	720	U
71-43-2	Benzene	360	U
107-06-2	1,2-Dichloroethane	720	U
79-01-6	Trichloroethene	360	U
78-87-5	1,2-Dichloropropane	360	U
75-27-4	Bromodichloromethane	360	U
110-75-8	2-Chloroethyl vinyl ether	720	U
10061-01-5	cis-1,3-Dichloropropene	360	U
108-10-1	4-Methyl-2-Pentanone	720	U
108-88-3	Toluene	360	U
10061-02-6	trans-1,3-Dichloropropene	720	U
79-00-5	1,1,2-Trichloroethane	720	U
127-18-4	Tetrachloroethene	360	U
591-78-6	2-Hexanone	720	U
126-48-1	Dibromochloromethane	720	U
108-90-7	Chlorobenzene	360	U
100-41-4	Ethylbenzene	720	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-57 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3561 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3561.07

Sample wt/vol: 9.0 (g/ml) G Lab File ID: V03807.D

Level: (low/med) MED Date Received: 05/11/98

% Moisture: not dec. 23.1 Date Analyzed: 05/21/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	1100	U
1330-20-7	o-Xylene	720	U
100-42-5	Styrene	720	U
75-25-2	Bromoform	720	U
79-34-5	1,1,2,2-Tetrachloroethane	720	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-57 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3561 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3561.07

Sample wt/vol: 9.0 (g/ml) G Lab File ID: V03807.D

Level: (low/med) MED Date Received: 05/11/98

% Moisture: not dec. 23.1 Date Analyzed: 05/21/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-58 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3561 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3561.11

Sample wt/vol: 9.6 (g/ml) G Lab File ID: V03809.D

Level: (low/med) MED Date Received: 05/11/98

% Moisture: not dec. 7.9 Date Analyzed: 05/21/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3700	U
1634044	Methyl-tert-Butyl ether	840	U
108203	Di-isopropyl ether	560	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	840	U
74-83-9	Bromomethane	560	U
75-00-3	Chloroethane	840	U
75-69-4	Trichlorofluoromethane	560	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	560	U
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	560	U
156-60-5	trans-1,2-Dichloroethene	560	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	840	U
78-93-3	2-Butanone	840	U
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	280	U
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	560	U
71-43-2	Benzene	280	U
107-06-2	1,2-Dichloroethane	560	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	560	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	560	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	560	U
79-00-5	1,1,2-Trichloroethane	560	U
127-18-4	Tetrachloroethene	280	U
591-78-6	2-Hexanone	560	U
126-48-1	Dibromochloromethane	560	U
108-90-7	Chlorobenzene	280	U
100-41-4	Ethylbenzene	560	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-58 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3561 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3561.11

Sample wt/vol: 9.6 (g/ml) G Lab File ID: V03809.D

Level: (low/med) MED Date Received: 05/11/98

% Moisture: not dec. 7.9 Date Analyzed: 05/21/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	840	U
1330-20-7	o-Xylene	560	U
100-42-5	Styrene	560	U
75-25-2	Bromoform	560	U
79-34-5	1,1,2,2-Tetrachloroethane	560	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-58 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3561 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3561.11

Sample wt/vol: 9.6 (g/ml) G Lab File ID: V03809.D

Level: (low/med) MED Date Received: 05/11/98

% Moisture: not dec. 7.9 Date Analyzed: 05/21/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-59 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3561 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3561.15

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V03823.D

Level: (low/med) MED Date Received: 05/11/98

% Moisture: not dec. 7.9 Date Analyzed: 05/22/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3500	U
1634044	Methyl-tert-Butyl ether	800	U
108203	Di-isopropyl ether	530	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	270	U
75-01-4	Vinyl Chloride	800	U
74-83-9	Bromomethane	530	U
75-00-3	Chloroethane	800	U
75-69-4	Trichlorofluoromethane	530	U
75-35-4	1,1-Dichloroethene	270	U
67-64-1	Acetone	530	U
75-15-0	Carbon Disulfide	270	U
75-09-2	Methylene Chloride	530	U
156-60-5	trans-1,2-Dichloroethene	530	U
75-35-3	1,1-Dichloroethane	270	U
108-05-4	Vinyl Acetate	800	U
78-93-3	2-Butanone	800	U
	cis-1,2-Dichloroethene	270	U
67-66-3	Chloroform	270	U
75-55-6	1,1,1-Trichloroethane	270	U
56-23-5	Carbon Tetrachloride	530	U
71-43-2	Benzene	270	U
107-06-2	1,2-Dichloroethane	530	U
79-01-6	Trichloroethene	270	U
78-87-5	1,2-Dichloropropane	270	U
75-27-4	Bromodichloromethane	270	U
110-75-8	2-Chloroethyl vinyl ether	530	U
10061-01-5	cis-1,3-Dichloropropene	270	U
108-10-1	4-Methyl-2-Pentanone	530	U
108-88-3	Toluene	270	U
10061-02-6	trans-1,3-Dichloropropene	530	U
79-00-5	1,1,2-Trichloroethane	530	U
127-18-4	Tetrachloroethene	270	U
591-78-6	2-Hexanone	530	U
126-48-1	Dibromochloromethane	530	U
108-90-7	Chlorobenzene	270	U
100-41-4	Ethylbenzene	530	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-59 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3561 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3561.15

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V03823.D

Level: (low/med) MED Date Received: 05/11/98

% Moisture: not dec. 7.9 Date Analyzed: 05/22/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	800	U
1330-20-7	o-Xylene	530	U
100-42-5	Styrene	530	U
75-25-2	Bromoform	530	U
79-34-5	1,1,2,2-Tetrachloroethane	530	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-59 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3561 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3561.15

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V03823.D

Level: (low/med) MED Date Received: 05/11/98

% Moisture: not dec. 7.9 Date Analyzed: 05/22/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-60 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3567 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3567.03

Sample wt/vol: 10.3 (g/ml) G Lab File ID: V03816.D

Level: (low/med) MED Date Received: 05/14/98

% Moisture: not dec. 11 Date Analyzed: 05/21/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3500	U
1634044	Methyl-tert-Butyl ether	820	U
108203	Di-isopropyl ether	550	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	270	U
75-01-4	Vinyl Chloride	820	U
74-83-9	Bromomethane	550	U
75-00-3	Chloroethane	820	U
75-69-4	Trichlorofluoromethane	550	U
75-35-4	1,1-Dichloroethene	270	U
67-64-1	Acetone	550	U
75-15-0	Carbon Disulfide	270	U
75-09-2	Methylene Chloride	550	U
156-60-5	trans-1,2-Dichloroethene	550	U
75-35-3	1,1-Dichloroethane	270	U
108-05-4	Vinyl Acetate	820	U
78-93-3	2-Butanone	820	U
	cis-1,2-Dichloroethene	270	U
67-66-3	Chloroform	270	U
75-55-6	1,1,1-Trichloroethane	270	U
56-23-5	Carbon Tetrachloride	550	U
71-43-2	Benzene	270	U
107-06-2	1,2-Dichloroethane	550	U
79-01-6	Trichloroethene	270	U
78-87-5	1,2-Dichloropropane	270	U
75-27-4	Bromodichloromethane	270	U
110-75-8	2-Chloroethyl vinyl ether	550	U
10061-01-5	cis-1,3-Dichloropropene	270	U
108-10-1	4-Methyl-2-Pentanone	550	U
108-88-3	Toluene	270	U
10061-02-6	trans-1,3-Dichloropropene	550	U
79-00-5	1,1,2-Trichloroethane	550	U
127-18-4	Tetrachloroethene	270	U
591-78-6	2-Hexanone	550	U
126-48-1	Dibromochloromethane	550	U
108-90-7	Chlorobenzene	270	U
100-41-4	Ethylbenzene	550	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-60 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3567 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3567.03

Sample wt/vol: 10.3 (g/ml) G Lab File ID: V03816.D

Level: (low/med) MED Date Received: 05/14/98

% Moisture: not dec. 11 Date Analyzed: 05/21/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	820	U
1330-20-7	o-Xylene	550	U
100-42-5	Styrene	550	U
75-25-2	Bromoform	550	U
79-34-5	1,1,2,2-Tetrachloroethane	550	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-60 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3567 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3567.03

Sample wt/vol: 10.3 (g/ml) G Lab File ID: V03816.D

Level: (low/med) MED Date Received: 05/14/98

% Moisture: not dec. 11 Date Analyzed: 05/21/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	unknown	14.49	1700	J

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-61 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3567 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3567.07

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V03824.D

Level: (low/med) MED Date Received: 05/14/98

% Moisture: not dec. 7.8 Date Analyzed: 05/22/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3500	U
1634044	Methyl-tert-Butyl ether	810	U
108203	Di-isopropyl ether	540	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	270	U
75-01-4	Vinyl Chloride	810	U
74-83-9	Bromomethane	540	U
75-00-3	Chloroethane	810	U
75-69-4	Trichlorofluoromethane	540	U
75-35-4	1,1-Dichloroethene	270	U
67-64-1	Acetone	540	U
75-15-0	Carbon Disulfide	270	U
75-09-2	Methylene Chloride	540	U
156-60-5	trans-1,2-Dichloroethene	540	U
75-35-3	1,1-Dichloroethane	270	U
108-05-4	Vinyl Acetate	810	U
78-93-3	2-Butanone	810	U
	cis-1,2-Dichloroethene	270	U
67-66-3	Chloroform	270	U
75-55-6	1,1,1-Trichloroethane	270	U
56-23-5	Carbon Tetrachloride	540	U
71-43-2	Benzene	270	U
107-06-2	1,2-Dichloroethane	540	U
79-01-6	Trichloroethene	270	U
78-87-5	1,2-Dichloropropane	270	U
75-27-4	Bromodichloromethane	270	U
110-75-8	2-Chloroethyl vinyl ether	540	U
10061-01-5	cis-1,3-Dichloropropene	270	U
108-10-1	4-Methyl-2-Pentanone	540	U
108-88-3	Toluene	270	U
10061-02-6	trans-1,3-Dichloropropene	540	U
79-00-5	1,1,2-Trichloroethane	540	U
127-18-4	Tetrachloroethene	270	U
591-78-6	2-Hexanone	540	U
126-48-1	Dibromochloromethane	540	U
108-90-7	Chlorobenzene	270	U
100-41-4	Ethylbenzene	540	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-61 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3567 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3567.07

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V03824.D

Level: (low/med) MED Date Received: 05/14/98

% Moisture: not dec. 7.8 Date Analyzed: 05/22/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	810	U
1330-20-7	o-Xylene	540	U
100-42-5	Styrene	540	U
75-25-2	Bromoform	540	U
79-34-5	1,1,2,2-Tetrachloroethane	540	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-61 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3567 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3567.07

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V03824.D

Level: (low/med) MED Date Received: 05/14/98

% Moisture: not dec. 7.8 Date Analyzed: 05/22/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-62 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3567 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3567.11

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V03826.D

Level: (low/med) MED Date Received: 05/14/98

% Moisture: not dec. 9.6 Date Analyzed: 05/22/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3600	U
1634044	Methyl-tert-Butyl ether	830	U
108203	Di-isopropyl ether	560	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	830	U
74-83-9	Bromomethane	560	U
75-00-3	Chloroethane	830	U
75-69-4	Trichlorofluoromethane	560	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	560	U
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	560	U
156-60-5	trans-1,2-Dichloroethene	560	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	830	U
78-93-3	2-Butanone	830	U
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	280	U
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	560	U
71-43-2	Benzene	280	U
107-06-2	1,2-Dichloroethane	560	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	560	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	560	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	560	U
79-00-5	1,1,2-Trichloroethane	560	U
127-18-4	Tetrachloroethene	280	U
591-78-6	2-Hexanone	560	U
126-48-1	Dibromochloromethane	560	U
108-90-7	Chlorobenzene	280	U
100-41-4	Ethylbenzene	560	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-62 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3567 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3567.11

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V03826.D

Level: (low/med) MED Date Received: 05/14/98

% Moisture: not dec. 9.6 Date Analyzed: 05/22/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	830	U
1330-20-7	o-Xylene	560	U
100-42-5	Styrene	560	U
75-25-2	Bromoform	560	U
79-34-5	1,1,2,2-Tetrachloroethane	560	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-62 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3567 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3567.11

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V03826.D

Level: (low/med) MED Date Received: 05/14/98

% Moisture: not dec. 9.6 Date Analyzed: 05/22/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-63 20"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3567 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3567.15

Sample wt/vol: 10.3 (g/ml) G Lab File ID: V03828.D

Level: (low/med) MED Date Received: 05/14/98

% Moisture: not dec. 7.2 Date Analyzed: 05/22/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3400	U
1634044	Methyl-tert-Butyl ether	780	U
108203	Di-isopropyl ether	520	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	260	U
75-01-4	Vinyl Chloride	780	U
74-83-9	Bromomethane	520	U
75-00-3	Chloroethane	780	U
75-69-4	Trichlorofluoromethane	520	U
75-35-4	1,1-Dichloroethene	260	U
67-64-1	Acetone	520	U
75-15-0	Carbon Disulfide	260	U
75-09-2	Methylene Chloride	520	U
156-60-5	trans-1,2-Dichloroethene	520	U
75-35-3	1,1-Dichloroethane	260	U
108-05-4	Vinyl Acetate	780	U
78-93-3	2-Butanone	780	U
	cis-1,2-Dichloroethene	260	U
67-66-3	Chloroform	260	U
75-55-6	1,1,1-Trichloroethane	260	U
56-23-5	Carbon Tetrachloride	520	U
71-43-2	Benzene	260	U
107-06-2	1,2-Dichloroethane	520	U
79-01-6	Trichloroethene	260	U
78-87-5	1,2-Dichloropropane	260	U
75-27-4	Bromodichloromethane	260	U
110-75-8	2-Chloroethyl vinyl ether	520	U
10061-01-5	cis-1,3-Dichloropropene	260	U
108-10-1	4-Methyl-2-Pentanone	520	U
108-88-3	Toluene	260	U
10061-02-6	trans-1,3-Dichloropropene	520	U
79-00-5	1,1,2-Trichloroethane	520	U
127-18-4	Tetrachloroethene	260	U
591-78-6	2-Hexanone	520	U
126-48-1	Dibromochloromethane	520	U
108-90-7	Chlorobenzene	260	U
100-41-4	Ethylbenzene	520	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-63 20"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3567 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3567.15

Sample wt/vol: 10.3 (g/ml) G Lab File ID: V03828.D

Level: (low/med) MED Date Received: 05/14/98

% Moisture: not dec. 7.2 Date Analyzed: 05/22/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	780	U
1330-20-7	o-Xylene	520	U
100-42-5	Styrene	520	U
75-25-2	Bromoform	520	U
79-34-5	1,1,2,2-Tetrachloroethane	520	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-63 20"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3567 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3567.15

Sample wt/vol: 10.3 (g/ml) G Lab File ID: V03828.D

Level: (low/med) MED Date Received: 05/14/98

% Moisture: not dec. 7.2 Date Analyzed: 05/22/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-63 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3567 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3567.16

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V03829.D

Level: (low/med) MED Date Received: 05/14/98

% Moisture: not dec. 6.1 Date Analyzed: 05/22/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3400	U
1634044	Methyl-tert-Butyl ether	790	U
108203	Di-isopropyl ether	520	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	260	U
75-01-4	Vinyl Chloride	790	U
74-83-9	Bromomethane	520	U
75-00-3	Chloroethane	790	U
75-69-4	Trichlorofluoromethane	520	U
75-35-4	1,1-Dichloroethene	260	U
67-64-1	Acetone	520	U
75-15-0	Carbon Disulfide	260	U
75-09-2	Methylene Chloride	520	U
156-60-5	trans-1,2-Dichloroethene	520	U
75-35-3	1,1-Dichloroethane	260	U
108-05-4	Vinyl Acetate	790	U
78-93-3	2-Butanone	790	U
	cis-1,2-Dichloroethene	260	U
67-66-3	Chloroform	260	U
75-55-6	1,1,1-Trichloroethane	260	U
56-23-5	Carbon Tetrachloride	520	U
71-43-2	Benzene	260	U
107-06-2	1,2-Dichloroethane	520	U
79-01-6	Trichloroethene	260	U
78-87-5	1,2-Dichloropropane	260	U
75-27-4	Bromodichloromethane	260	U
110-75-8	2-Chloroethyl vinyl ether	520	U
10061-01-5	cis-1,3-Dichloropropene	260	U
108-10-1	4-Methyl-2-Pentanone	520	U
108-88-3	Toluene	260	U
10061-02-6	trans-1,3-Dichloropropene	520	U
79-00-5	1,1,2-Trichloroethane	520	U
127-18-4	Tetrachloroethene	260	U
591-78-6	2-Hexanone	520	U
126-48-1	Dibromochloromethane	520	U
108-90-7	Chlorobenzene	260	U
100-41-4	Ethylbenzene	520	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-63 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3567 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3567.16

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V03829.D

Level: (low/med) MED Date Received: 05/14/98

% Moisture: not dec. 6.1 Date Analyzed: 05/22/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	790	U
1330-20-7	o-Xylene	520	U
100-42-5	Styrene	520	U
75-25-2	Bromoform	520	U
79-34-5	1,1,2,2-Tetrachloroethane	520	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-63 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3567 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3567.16

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V03829.D

Level: (low/med) MED Date Received: 05/14/98

% Moisture: not dec. 6.1 Date Analyzed: 05/22/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-64 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3567 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3567.20

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V03831.D

Level: (low/med) MED Date Received: 05/14/98

% Moisture: not dec. 7.9 Date Analyzed: 05/22/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3500	U
1634044	Methyl-tert-Butyl ether	800	U
108203	Di-isopropyl ether	530	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	270	U
75-01-4	Vinyl Chloride	800	U
74-83-9	Bromomethane	530	U
75-00-3	Chloroethane	800	U
75-69-4	Trichlorofluoromethane	530	U
75-35-4	1,1-Dichloroethene	270	U
67-64-1	Acetone	530	U
75-15-0	Carbon Disulfide	270	U
75-09-2	Methylene Chloride	530	U
156-60-5	trans-1,2-Dichloroethene	530	U
75-35-3	1,1-Dichloroethane	270	U
108-05-4	Vinyl Acetate	800	U
78-93-3	2-Butanone	800	U
	cis-1,2-Dichloroethene	270	U
67-66-3	Chloroform	270	U
75-55-6	1,1,1-Trichloroethane	270	U
56-23-5	Carbon Tetrachloride	530	U
71-43-2	Benzene	270	U
107-06-2	1,2-Dichloroethane	530	U
79-01-6	Trichloroethene	270	U
78-87-5	1,2-Dichloropropane	270	U
75-27-4	Bromodichloromethane	270	U
110-75-8	2-Chloroethyl vinyl ether	530	U
10061-01-5	cis-1,3-Dichloropropene	270	U
108-10-1	4-Methyl-2-Pentanone	530	U
108-88-3	Toluene	270	U
10061-02-6	trans-1,3-Dichloropropene	530	U
79-00-5	1,1,2-Trichloroethane	530	U
127-18-4	Tetrachloroethene	270	U
591-78-6	2-Hexanone	530	U
126-48-1	Dibromochloromethane	530	U
108-90-7	Chlorobenzene	270	U
100-41-4	Ethylbenzene	530	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-64 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3567 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3567.20

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V03831.D

Level: (low/med) MED Date Received: 05/14/98

% Moisture: not dec. 7.9 Date Analyzed: 05/22/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	800	U
1330-20-7	o-Xylene	530	U
100-42-5	Styrene	530	U
75-25-2	Bromoform	530	U
79-34-5	1,1,2,2-Tetrachloroethane	530	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-64 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3567 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3567.20

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V03831.D

Level: (low/med) MED Date Received: 05/14/98

% Moisture: not dec. 7.9 Date Analyzed: 05/22/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-65 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3571 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3571.03

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V03836.D

Level: (low/med) MED Date Received: 05/15/98

% Moisture: not dec. 8.6 Date Analyzed: 05/22/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3500	U
1634044	Methyl-tert-Butyl ether	810	U
108203	Di-isopropyl ether	540	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	270	U
75-01-4	Vinyl Chloride	810	U
74-83-9	Bromomethane	540	U
75-00-3	Chloroethane	810	U
75-69-4	Trichlorofluoromethane	540	U
75-35-4	1,1-Dichloroethene	270	U
67-64-1	Acetone	540	U
75-15-0	Carbon Disulfide	270	U
75-09-2	Methylene Chloride	540	U
156-60-5	trans-1,2-Dichloroethene	540	U
75-35-3	1,1-Dichloroethane	270	U
108-05-4	Vinyl Acetate	810	U
78-93-3	2-Butanone	810	U
	cis-1,2-Dichloroethene	270	U
67-66-3	Chloroform	270	U
75-55-6	1,1,1-Trichloroethane	270	U
56-23-5	Carbon Tetrachloride	540	U
71-43-2	Benzene	270	U
107-06-2	1,2-Dichloroethane	540	U
79-01-6	Trichloroethene	270	U
78-87-5	1,2-Dichloropropane	270	U
75-27-4	Bromodichloromethane	270	U
110-75-8	2-Chloroethyl vinyl ether	540	U
10061-01-5	cis-1,3-Dichloropropene	270	U
108-10-1	4-Methyl-2-Pentanone	540	U
108-88-3	Toluene	270	U
10061-02-6	trans-1,3-Dichloropropene	540	U
79-00-5	1,1,2-Trichloroethane	540	U
127-18-4	Tetrachloroethene	270	U
591-78-6	2-Hexanone	540	U
126-48-1	Dibromochloromethane	540	U
108-90-7	Chlorobenzene	270	U
100-41-4	Ethylbenzene	540	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-65 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3571 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3571.03

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V03836.D

Level: (low/med) MED Date Received: 05/15/98

% Moisture: not dec. 8.6 Date Analyzed: 05/22/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	810	U
1330-20-7	o-Xylene	540	U
100-42-5	Styrene	540	U
75-25-2	Bromoform	540	U
79-34-5	1,1,2,2-Tetrachloroethane	540	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-65 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3571 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3571.03

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V03836.D

Level: (low/med) MED Date Received: 05/15/98

% Moisture: not dec. 8.6 Date Analyzed: 05/22/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-66 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3571 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3571.07

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V03838.D

Level: (low/med) MED Date Received: 05/15/98

% Moisture: not dec. 8.3 Date Analyzed: 05/22/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3500	U
1634044	Methyl-tert-Butyl ether	800	U
108203	Di-isopropyl ether	540	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	270	U
75-01-4	Vinyl Chloride	800	U
74-83-9	Bromomethane	540	U
75-00-3	Chloroethane	800	U
75-69-4	Trichlorofluoromethane	540	U
75-35-4	1,1-Dichloroethene	270	U
67-64-1	Acetone	540	U
75-15-0	Carbon Disulfide	270	U
75-09-2	Methylene Chloride	540	U
156-60-5	trans-1,2-Dichloroethene	540	U
75-35-3	1,1-Dichloroethane	270	U
108-05-4	Vinyl Acetate	800	U
78-93-3	2-Butanone	800	U
	cis-1,2-Dichloroethene	270	U
67-66-3	Chloroform	270	U
75-55-6	1,1,1-Trichloroethane	270	U
56-23-5	Carbon Tetrachloride	540	U
71-43-2	Benzene	270	U
107-06-2	1,2-Dichloroethane	540	U
79-01-6	Trichloroethene	270	U
78-87-5	1,2-Dichloropropane	270	U
75-27-4	Bromodichloromethane	270	U
110-75-8	2-Chloroethyl vinyl ether	540	U
10061-01-5	cis-1,3-Dichloropropene	270	U
108-10-1	4-Methyl-2-Pentanone	540	U
108-88-3	Toluene	270	U
10061-02-6	trans-1,3-Dichloropropene	540	U
79-00-5	1,1,2-Trichloroethane	540	U
127-18-4	Tetrachloroethene	270	U
591-78-6	2-Hexanone	540	U
126-48-1	Dibromochloromethane	540	U
108-90-7	Chlorobenzene	270	U
100-41-4	Ethylbenzene	540	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-66 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3571 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3571.07

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V03838.D

Level: (low/med) MED Date Received: 05/15/98

% Moisture: not dec. 8.3 Date Analyzed: 05/22/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	800	U
1330-20-7	o-Xylene	540	U
100-42-5	Styrene	540	U
75-25-2	Bromoform	540	U
79-34-5	1,1,2,2-Tetrachloroethane	540	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-66 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3571 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3571.07

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V03838.D

Level: (low/med) MED Date Received: 05/15/98

% Moisture: not dec. 8.3 Date Analyzed: 05/22/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-67 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3571 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3571.11

Sample wt/vol: 10.3 (g/ml) G Lab File ID: V03843.D

Level: (low/med) MED Date Received: 05/15/98

% Moisture: not dec. 10.3 Date Analyzed: 05/26/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3500	U
1634044	Methyl-tert-Butyl ether	810	U
108203	Di-isopropyl ether	540	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	270	U
75-01-4	Vinyl Chloride	810	U
74-83-9	Bromomethane	540	U
75-00-3	Chloroethane	810	U
75-69-4	Trichlorofluoromethane	540	U
75-35-4	1,1-Dichloroethene	270	U
67-64-1	Acetone	540	U
75-15-0	Carbon Disulfide	270	U
75-09-2	Methylene Chloride	540	U
156-60-5	trans-1,2-Dichloroethene	540	U
75-35-3	1,1-Dichloroethane	270	U
108-05-4	Vinyl Acetate	810	U
78-93-3	2-Butanone	810	U
	cis-1,2-Dichloroethene	270	U
67-66-3	Chloroform	270	U
75-55-6	1,1,1-Trichloroethane	270	U
56-23-5	Carbon Tetrachloride	540	U
71-43-2	Benzene	270	U
107-06-2	1,2-Dichloroethane	540	U
79-01-6	Trichloroethene	270	U
78-87-5	1,2-Dichloropropane	270	U
75-27-4	Bromodichloromethane	270	U
110-75-8	2-Chloroethyl vinyl ether	540	U
10061-01-5	cis-1,3-Dichloropropene	270	U
108-10-1	4-Methyl-2-Pentanone	540	U
108-88-3	Toluene	270	U
10061-02-6	trans-1,3-Dichloropropene	540	U
79-00-5	1,1,2-Trichloroethane	540	U
127-18-4	Tetrachloroethene	270	U
591-78-6	2-Hexanone	540	U
126-48-1	Dibromochloromethane	540	U
108-90-7	Chlorobenzene	270	U
100-41-4	Ethylbenzene	540	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-67 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3571 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3571.11

Sample wt/vol: 10.3 (g/ml) G Lab File ID: V03843.D

Level: (low/med) MED Date Received: 05/15/98

% Moisture: not dec. 10.3 Date Analyzed: 05/26/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	810	U
1330-20-7	o-Xylene	540	U
100-42-5	Styrene	540	U
75-25-2	Bromoform	540	U
79-34-5	1,1,2,2-Tetrachloroethane	540	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-67 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3571 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3571.11

Sample wt/vol: 10.3 (g/ml) G Lab File ID: V03843.D

Level: (low/med) MED Date Received: 05/15/98

% Moisture: not dec. 10.3 Date Analyzed: 05/26/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-68 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3571 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3571.14

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V03844.D

Level: (low/med) MED Date Received: 05/15/98

% Moisture: not dec. 24.2 Date Analyzed: 05/26/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2300	U
107131	Acrylonitrile	2300	U
75650	tert-Butyl alcohol	4200	U
1634044	Methyl-tert-Butyl ether	970	U
108203	Di-isopropyl ether	650	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	320	U
75-01-4	Vinyl Chloride	970	U
74-83-9	Bromomethane	650	U
75-00-3	Chloroethane	970	U
75-69-4	Trichlorofluoromethane	650	U
75-35-4	1,1-Dichloroethene	320	U
67-64-1	Acetone	650	U
75-15-0	Carbon Disulfide	320	U
75-09-2	Methylene Chloride	650	U
156-60-5	trans-1,2-Dichloroethene	650	U
75-35-3	1,1-Dichloroethane	320	U
108-05-4	Vinyl Acetate	970	U
78-93-3	2-Butanone	970	U
	cis-1,2-Dichloroethene	320	U
67-66-3	Chloroform	320	U
75-55-6	1,1,1-Trichloroethane	320	U
56-23-5	Carbon Tetrachloride	650	U
71-43-2	Benzene	320	U
107-06-2	1,2-Dichloroethane	650	U
79-01-6	Trichloroethene	320	U
78-87-5	1,2-Dichloropropane	320	U
75-27-4	Bromodichloromethane	320	U
110-75-8	2-Chloroethyl vinyl ether	650	U
10061-01-5	cis-1,3-Dichloropropene	320	U
108-10-1	4-Methyl-2-Pentanone	650	U
108-88-3	Toluene	320	U
10061-02-6	trans-1,3-Dichloropropene	650	U
79-00-5	1,1,2-Trichloroethane	650	U
127-18-4	Tetrachloroethene	1600	
591-78-6	2-Hexanone	650	U
126-48-1	Dibromochloromethane	650	U
108-90-7	Chlorobenzene	320	U
100-41-4	Ethylbenzene	650	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-68 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3571 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3571.14

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V03844.D

Level: (low/med) MED Date Received: 05/15/98

% Moisture: not dec. 24.2 Date Analyzed: 05/26/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	970	U
1330-20-7	o-Xylene	650	U
100-42-5	Styrene	650	U
75-25-2	Bromoform	650	U
79-34-5	1,1,2,2-Tetrachloroethane	650	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-68 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3571 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3571.14

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V03844.D

Level: (low/med) MED Date Received: 05/15/98

% Moisture: not dec. 24.2 Date Analyzed: 05/26/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-69 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3571 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3571.18

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V03846.D

Level: (low/med) MED Date Received: 05/15/98

% Moisture: not dec. 17.8 Date Analyzed: 05/26/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2100	U
107131	Acrylonitrile	2100	U
75650	tert-Butyl alcohol	3900	U
1634044	Methyl-tert-Butyl ether	900	U
108203	Di-isopropyl ether	600	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	300	U
75-01-4	Vinyl Chloride	900	U
74-83-9	Bromomethane	600	U
75-00-3	Chloroethane	900	U
75-69-4	Trichlorofluoromethane	600	U
75-35-4	1,1-Dichloroethene	300	U
67-64-1	Acetone	600	U
75-15-0	Carbon Disulfide	300	U
75-09-2	Methylene Chloride	600	U
156-60-5	trans-1,2-Dichloroethene	600	U
75-35-3	1,1-Dichloroethane	300	U
108-05-4	Vinyl Acetate	900	U
78-93-3	2-Butanone	900	U
	cis-1,2-Dichloroethene	300	U
67-66-3	Chloroform	300	U
75-55-6	1,1,1-Trichloroethane	300	U
56-23-5	Carbon Tetrachloride	600	U
71-43-2	Benzene	300	U
107-06-2	1,2-Dichloroethane	600	U
79-01-6	Trichloroethene	300	U
78-87-5	1,2-Dichloropropane	300	U
75-27-4	Bromodichloromethane	300	U
110-75-8	2-Chloroethyl vinyl ether	600	U
10061-01-5	cis-1,3-Dichloropropene	300	U
108-10-1	4-Methyl-2-Pentanone	600	U
108-88-3	Toluene	300	U
10061-02-6	trans-1,3-Dichloropropene	600	U
79-00-5	1,1,2-Trichloroethane	600	U
127-18-4	Tetrachloroethene	300	U
591-78-6	2-Hexanone	600	U
126-48-1	Dibromochloromethane	600	U
108-90-7	Chlorobenzene	300	U
100-41-4	Ethylbenzene	600	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-69 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3571 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3571.18

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V03846.D

Level: (low/med) MED Date Received: 05/15/98

% Moisture: not dec. 17.8 Date Analyzed: 05/26/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	900	U
1330-20-7	o-Xylene	600	U
100-42-5	Styrene	600	U
75-25-2	Bromoform	600	U
79-34-5	1,1,2,2-Tetrachloroethane	600	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-69 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3571 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3571.18

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V03846.D

Level: (low/med) MED Date Received: 05/15/98

% Moisture: not dec. 17.8 Date Analyzed: 05/26/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-70 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3576 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3576.03

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V03853.D

Level: (low/med) MED Date Received: 05/18/98

% Moisture: not dec. 18.2 Date Analyzed: 05/26/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2100	U
107131	Acrylonitrile	2100	U
75650	tert-Butyl alcohol	3900	U
1634044	Methyl-tert-Butyl ether	900	U
108203	Di-isopropyl ether	600	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	300	U
75-01-4	Vinyl Chloride	900	U
74-83-9	Bromomethane	600	U
75-00-3	Chloroethane	900	U
75-69-4	Trichlorofluoromethane	600	U
75-35-4	1,1-Dichloroethene	300	U
67-64-1	Acetone	600	U
75-15-0	Carbon Disulfide	300	U
75-09-2	Methylene Chloride	600	U
156-60-5	trans-1,2-Dichloroethene	600	U
75-35-3	1,1-Dichloroethane	300	U
108-05-4	Vinyl Acetate	900	U
78-93-3	2-Butanone	900	U
	cis-1,2-Dichloroethene	300	U
67-66-3	Chloroform	300	U
75-55-6	1,1,1-Trichloroethane	300	U
56-23-5	Carbon Tetrachloride	600	U
71-43-2	Benzene	300	U
107-06-2	1,2-Dichloroethane	600	U
79-01-6	Trichloroethene	300	U
78-87-5	1,2-Dichloropropane	300	U
75-27-4	Bromodichloromethane	300	U
110-75-8	2-Chloroethyl vinyl ether	600	U
10061-01-5	cis-1,3-Dichloropropene	300	U
108-10-1	4-Methyl-2-Pentanone	600	U
108-88-3	Toluene	300	U
10061-02-6	trans-1,3-Dichloropropene	600	U
79-00-5	1,1,2-Trichloroethane	600	U
127-18-4	Tetrachloroethene	300	U
591-78-6	2-Hexanone	600	U
126-48-1	Dibromochloromethane	600	U
108-90-7	Chlorobenzene	300	U
100-41-4	Ethylbenzene	600	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-70 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3576 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3576.03

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V03853.D

Level: (low/med) MED Date Received: 05/18/98

% Moisture: not dec. 18.2 Date Analyzed: 05/26/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	900	U
1330-20-7	o-Xylene	600	U
100-42-5	Styrene	600	U
75-25-2	Bromoform	600	U
79-34-5	1,1,2,2-Tetrachloroethane	600	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-70 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3576 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3576.03

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V03853.D

Level: (low/med) MED Date Received: 05/18/98

% Moisture: not dec. 18.2 Date Analyzed: 05/26/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 3

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	unknown hydrocarbon	27.86	3600	J
2.	unknown	30.32	8400	J
3.	unknown	31.76	13000	J

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-71 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3576 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3576.07

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V03855.D

Level: (low/med) MED Date Received: 05/18/98

% Moisture: not dec. 9.9 Date Analyzed: 05/26/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3500	U
1634044	Methyl-tert-Butyl ether	820	U
108203	Di-isopropyl ether	540	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	270	U
75-01-4	Vinyl Chloride	820	U
74-83-9	Bromomethane	540	U
75-00-3	Chloroethane	820	U
75-69-4	Trichlorofluoromethane	540	U
75-35-4	1,1-Dichloroethene	270	U
67-64-1	Acetone	540	U
75-15-0	Carbon Disulfide	270	U
75-09-2	Methylene Chloride	540	U
156-60-5	trans-1,2-Dichloroethene	540	U
75-35-3	1,1-Dichloroethane	270	U
108-05-4	Vinyl Acetate	820	U
78-93-3	2-Butanone	820	U
	cis-1,2-Dichloroethene	270	U
67-66-3	Chloroform	270	U
75-55-6	1,1,1-Trichloroethane	270	U
56-23-5	Carbon Tetrachloride	540	U
71-43-2	Benzene	270	U
107-06-2	1,2-Dichloroethane	540	U
79-01-6	Trichloroethene	270	U
78-87-5	1,2-Dichloropropane	270	U
75-27-4	Bromodichloromethane	270	U
110-75-8	2-Chloroethyl vinyl ether	540	U
10061-01-5	cis-1,3-Dichloropropene	270	U
108-10-1	4-Methyl-2-Pentanone	540	U
108-88-3	Toluene	270	U
10061-02-6	trans-1,3-Dichloropropene	540	U
79-00-5	1,1,2-Trichloroethane	540	U
127-18-4	Tetrachloroethene	270	U
591-78-6	2-Hexanone	540	U
126-48-1	Dibromochloromethane	540	U
108-90-7	Chlorobenzene	270	U
100-41-4	Ethylbenzene	540	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-71 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3576 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3576.07

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V03855.D

Level: (low/med) MED Date Received: 05/18/98

% Moisture: not dec. 9.9 Date Analyzed: 05/26/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	820	U
1330-20-7	o-Xylene	540	U
100-42-5	Styrene	540	U
75-25-2	Bromoform	540	U
79-34-5	1,1,2,2-Tetrachloroethane	540	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-71 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3576 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3576.07

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V03855.D

Level: (low/med) MED Date Received: 05/18/98

% Moisture: not dec. 9.9 Date Analyzed: 05/26/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1. 002809-64-5	Naphthalene, 1,2,3,4-tetrahydro-5	30.87	1700	JN

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-72 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3576 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3576.11

Sample wt/vol: 10.5 (g/ml) G Lab File ID: V03862.D

Level: (low/med) MED Date Received: 05/18/98

% Moisture: not dec. 14.3 Date Analyzed: 05/27/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3600	U
1634044	Methyl-tert-Butyl ether	830	U
108203	Di-isopropyl ether	550	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	830	U
74-83-9	Bromomethane	550	U
75-00-3	Chloroethane	830	U
75-69-4	Trichlorofluoromethane	550	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	550	U
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	310	J
156-60-5	trans-1,2-Dichloroethene	550	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	830	U
78-93-3	2-Butanone	830	U
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	280	U
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	550	U
71-43-2	Benzene	280	U
107-06-2	1,2-Dichloroethane	550	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	550	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	550	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	550	U
79-00-5	1,1,2-Trichloroethane	550	U
127-18-4	Tetrachloroethene	280	U
591-78-6	2-Hexanone	550	U
126-48-1	Dibromochloromethane	550	U
108-90-7	Chlorobenzene	280	U
100-41-4	Ethylbenzene	550	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-72 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3576 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3576.11

Sample wt/vol: 10.5 (g/ml) G Lab File ID: V03862.D

Level: (low/med) MED Date Received: 05/18/98

% Moisture: not dec. 14.3 Date Analyzed: 05/27/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	830	U
1330-20-7	o-Xylene	550	U
100-42-5	Styrene	550	U
75-25-2	Bromoform	550	U
79-34-5	1,1,2,2-Tetrachloroethane	550	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-72 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3576 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3576.11

Sample wt/vol: 10.5 (g/ml) G Lab File ID: V03862.D

Level: (low/med) MED Date Received: 05/18/98

% Moisture: not dec. 14.3 Date Analyzed: 05/27/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-73 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3576 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3576.15

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V03864.D

Level: (low/med) MED Date Received: 05/18/98

% Moisture: not dec. 13.1 Date Analyzed: 05/27/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3700	U
1634044	Methyl-tert-Butyl ether	850	U
108203	Di-isopropyl ether	570	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	850	U
74-83-9	Bromomethane	570	U
75-00-3	Chloroethane	850	U
75-69-4	Trichlorofluoromethane	570	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	570	U
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	570	U
156-60-5	trans-1,2-Dichloroethene	570	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	850	U
78-93-3	2-Butanone	850	U
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	280	U
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	570	U
71-43-2	Benzene	280	U
107-06-2	1,2-Dichloroethane	570	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	570	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	570	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	570	U
79-00-5	1,1,2-Trichloroethane	570	U
127-18-4	Tetrachloroethene	280	U
591-78-6	2-Hexanone	570	U
126-48-1	Dibromochloromethane	570	U
108-90-7	Chlorobenzene	280	U
100-41-4	Ethylbenzene	570	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-73 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3576 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3576.15

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V03864.D

Level: (low/med) MED Date Received: 05/18/98

% Moisture: not dec. 13.1 Date Analyzed: 05/27/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	850	U
1330-20-7	o-Xylene	570	U
100-42-5	Styrene	570	U
75-25-2	Bromoform	570	U
79-34-5	1,1,2,2-Tetrachloroethane	570	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-73 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3576 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3576.15

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V03864.D

Level: (low/med) MED Date Received: 05/18/98

% Moisture: not dec. 13.1 Date Analyzed: 05/27/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-74 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3580 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3580.03

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V03866.D

Level: (low/med) MED Date Received: 05/19/98

% Moisture: not dec. 6.85 Date Analyzed: 05/27/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3500	U
1634044	Methyl-tert-Butyl ether	810	U
108203	Di-isopropyl ether	540	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	270	U
75-01-4	Vinyl Chloride	810	U
74-83-9	Bromomethane	540	U
75-00-3	Chloroethane	810	U
75-69-4	Trichlorofluoromethane	540	U
75-35-4	1,1-Dichloroethene	270	U
67-64-1	Acetone	540	U
75-15-0	Carbon Disulfide	270	U
75-09-2	Methylene Chloride	540	U
156-60-5	trans-1,2-Dichloroethene	540	U
75-35-3	1,1-Dichloroethane	270	U
108-05-4	Vinyl Acetate	810	U
78-93-3	2-Butanone	810	U
	cis-1,2-Dichloroethene	270	U
67-66-3	Chloroform	270	U
75-55-6	1,1,1-Trichloroethane	270	U
56-23-5	Carbon Tetrachloride	540	U
71-43-2	Benzene	270	U
107-06-2	1,2-Dichloroethane	540	U
79-01-6	Trichloroethene	270	U
78-87-5	1,2-Dichloropropane	270	U
75-27-4	Bromodichloromethane	270	U
110-75-8	2-Chloroethyl vinyl ether	540	U
10061-01-5	cis-1,3-Dichloropropene	270	U
108-10-1	4-Methyl-2-Pentanone	540	U
108-88-3	Toluene	270	U
10061-02-6	trans-1,3-Dichloropropene	540	U
79-00-5	1,1,2-Trichloroethane	540	U
127-18-4	Tetrachloroethene	270	U
591-78-6	2-Hexanone	540	U
126-48-1	Dibromochloromethane	540	U
108-90-7	Chlorobenzene	270	U
100-41-4	Ethylbenzene	540	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-74 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3580 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3580.03

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V03866.D

Level: (low/med) MED Date Received: 05/19/98

% Moisture: not dec. 6.85 Date Analyzed: 05/27/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	810	U
1330-20-7	o-Xylene	540	U
100-42-5	Styrene	540	U
75-25-2	Bromoform	540	U
79-34-5	1,1,2,2-Tetrachloroethane	540	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-74 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3580 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3580.03

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V03866.D

Level: (low/med) MED Date Received: 05/19/98

% Moisture: not dec. 6.85 Date Analyzed: 05/27/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-75 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3580 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3580.06

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V03867.D

Level: (low/med) MED Date Received: 05/19/98

% Moisture: not dec. 8.15 Date Analyzed: 05/27/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3500	U
1634044	Methyl-tert-Butyl ether	800	U
108203	Di-isopropyl ether	530	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	270	U
75-01-4	Vinyl Chloride	800	U
74-83-9	Bromomethane	530	U
75-00-3	Chloroethane	800	U
75-69-4	Trichlorofluoromethane	530	U
75-35-4	1,1-Dichloroethene	270	U
67-64-1	Acetone	530	U
75-15-0	Carbon Disulfide	270	U
75-09-2	Methylene Chloride	530	U
156-60-5	trans-1,2-Dichloroethene	530	U
75-35-3	1,1-Dichloroethane	270	U
108-05-4	Vinyl Acetate	800	U
78-93-3	2-Butanone	800	U
	cis-1,2-Dichloroethene	270	U
67-66-3	Chloroform	270	U
75-55-6	1,1,1-Trichloroethane	270	U
56-23-5	Carbon Tetrachloride	530	U
71-43-2	Benzene	270	U
107-06-2	1,2-Dichloroethane	530	U
79-01-6	Trichloroethene	270	U
78-87-5	1,2-Dichloropropane	270	U
75-27-4	Bromodichloromethane	270	U
110-75-8	2-Chloroethyl vinyl ether	530	U
10061-01-5	cis-1,3-Dichloropropene	270	U
108-10-1	4-Methyl-2-Pentanone	530	U
108-88-3	Toluene	270	U
10061-02-6	trans-1,3-Dichloropropene	530	U
79-00-5	1,1,2-Trichloroethane	530	U
127-18-4	Tetrachloroethene	270	U
591-78-6	2-Hexanone	530	U
126-48-1	Dibromochloromethane	530	U
108-90-7	Chlorobenzene	270	U
100-41-4	Ethylbenzene	530	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-75 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3580 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3580.06

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V03867.D

Level: (low/med) MED Date Received: 05/19/98

% Moisture: not dec. 8.15 Date Analyzed: 05/27/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	800	U
1330-20-7	o-Xylene	530	U
100-42-5	Styrene	530	U
75-25-2	Bromoform	530	U
79-34-5	1,1,2,2-Tetrachloroethane	530	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-75 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3580 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3580.06

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V03867.D

Level: (low/med) MED Date Received: 05/19/98

% Moisture: not dec. 8.15 Date Analyzed: 05/27/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-76 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3580 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3580.09

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V03868.D

Level: (low/med) MED Date Received: 05/19/98

% Moisture: not dec. 14.47 Date Analyzed: 05/27/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3800	U
1634044	Methyl-tert-Butyl ether	870	U
108203	Di-isopropyl ether	580	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	290	U
75-01-4	Vinyl Chloride	870	U
74-83-9	Bromomethane	580	U
75-00-3	Chloroethane	870	U
75-69-4	Trichlorofluoromethane	580	U
75-35-4	1,1-Dichloroethene	290	U
67-64-1	Acetone	580	U
75-15-0	Carbon Disulfide	290	U
75-09-2	Methylene Chloride	580	U
156-60-5	trans-1,2-Dichloroethene	580	U
75-35-3	1,1-Dichloroethane	290	U
108-05-4	Vinyl Acetate	870	U
78-93-3	2-Butanone	870	U
	cis-1,2-Dichloroethene	290	U
67-66-3	Chloroform	290	U
75-55-6	1,1,1-Trichloroethane	290	U
56-23-5	Carbon Tetrachloride	580	U
71-43-2	Benzene	290	U
107-06-2	1,2-Dichloroethane	580	U
79-01-6	Trichloroethene	290	U
78-87-5	1,2-Dichloropropane	290	U
75-27-4	Bromodichloromethane	290	U
110-75-8	2-Chloroethyl vinyl ether	580	U
10061-01-5	cis-1,3-Dichloropropene	290	U
108-10-1	4-Methyl-2-Pentanone	580	U
108-88-3	Toluene	290	U
10061-02-6	trans-1,3-Dichloropropene	580	U
79-00-5	1,1,2-Trichloroethane	580	U
127-18-4	Tetrachloroethene	770	
591-78-6	2-Hexanone	580	U
126-48-1	Dibromochloromethane	580	U
108-90-7	Chlorobenzene	290	U
100-41-4	Ethylbenzene	580	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-76 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3580 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3580.09

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V03868.D

Level: (low/med) MED Date Received: 05/19/98

% Moisture: not dec. 14.47 Date Analyzed: 05/27/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	870	U
1330-20-7	o-Xylene	580	U
100-42-5	Styrene	580	U
75-25-2	Bromoform	580	U
79-34-5	1,1,2,2-Tetrachloroethane	580	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-76 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3580 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3580.09

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V03868.D

Level: (low/med) MED Date Received: 05/19/98

% Moisture: not dec. 14.47 Date Analyzed: 05/27/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-77 30"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3580 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3580.12

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V03869.D

Level: (low/med) MED Date Received: 05/19/98

% Moisture: not dec. 31.11 Date Analyzed: 05/27/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2600	U
107131	Acrylonitrile	2600	U
75650	tert-Butyl alcohol	4700	U
1634044	Methyl-tert-Butyl ether	1100	U
108203	Di-isopropyl ether	730	U
	Dichlorodifluoromethane	1500	U
74-87-3	Chloromethane	370	U
75-01-4	Vinyl Chloride	1100	U
74-83-9	Bromomethane	730	U
75-00-3	Chloroethane	1100	U
75-69-4	Trichlorofluoromethane	730	U
75-35-4	1,1-Dichloroethene	370	U
67-64-1	Acetone	730	U
75-15-0	Carbon Disulfide	370	U
75-09-2	Methylene Chloride	730	U
156-60-5	trans-1,2-Dichloroethene	730	U
75-35-3	1,1-Dichloroethane	370	U
108-05-4	Vinyl Acetate	1100	U
78-93-3	2-Butanone	1100	U
	cis-1,2-Dichloroethene	370	U
67-66-3	Chloroform	370	U
75-55-6	1,1,1-Trichloroethane	370	U
56-23-5	Carbon Tetrachloride	730	U
71-43-2	Benzene	370	U
107-06-2	1,2-Dichloroethane	730	U
79-01-6	Trichloroethene	370	U
78-87-5	1,2-Dichloropropane	370	U
75-27-4	Bromodichloromethane	370	U
110-75-8	2-Chloroethyl vinyl ether	730	U
10061-01-5	cis-1,3-Dichloropropene	370	U
108-10-1	4-Methyl-2-Pentanone	730	U
108-88-3	Toluene	370	U
10061-02-6	trans-1,3-Dichloropropene	730	U
79-00-5	1,1,2-Trichloroethane	730	U
127-18-4	Tetrachloroethene	370	U
591-78-6	2-Hexanone	730	U
126-48-1	Dibromochloromethane	730	U
108-90-7	Chlorobenzene	370	U
100-41-4	Ethylbenzene	730	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-77 30"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3580 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3580.12

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V03869.D

Level: (low/med) MED Date Received: 05/19/98

% Moisture: not dec. 31.11 Date Analyzed: 05/27/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	1100	U
1330-20-7	o-Xylene	730	U
100-42-5	Styrene	730	U
75-25-2	Bromoform	730	U
79-34-5	1,1,2,2-Tetrachloroethane	730	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-77 30"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3580 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3580.12

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V03869.D

Level: (low/med) MED Date Received: 05/19/98

% Moisture: not dec. 31.11 Date Analyzed: 05/27/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-78 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3580 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3580.15

Sample wt/vol: 10.3 (g/ml) G Lab File ID: V03870.D

Level: (low/med) MED Date Received: 05/19/98

% Moisture: not dec. 12.42 Date Analyzed: 05/27/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3600	U
1634044	Methyl-tert-Butyl ether	840	U
108203	Di-isopropyl ether	560	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	840	U
74-83-9	Bromomethane	560	U
75-00-3	Chloroethane	840	U
75-69-4	Trichlorofluoromethane	560	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	560	U
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	560	U
156-60-5	trans-1,2-Dichloroethene	560	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	840	U
78-93-3	2-Butanone	840	U
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	280	U
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	560	U
71-43-2	Benzene	280	U
107-06-2	1,2-Dichloroethane	560	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	560	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	560	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	560	U
79-00-5	1,1,2-Trichloroethane	560	U
127-18-4	Tetrachloroethene	280	U
591-78-6	2-Hexanone	560	U
126-48-1	Dibromochloromethane	560	U
108-90-7	Chlorobenzene	280	U
100-41-4	Ethylbenzene	560	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-78 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3580 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3580.15

Sample wt/vol: 10.3 (g/ml) G Lab File ID: V03870.D

Level: (low/med) MED Date Received: 05/19/98

% Moisture: not dec. 12.42 Date Analyzed: 05/27/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	840	U
1330-20-7	o-Xylene	560	U
100-42-5	Styrene	560	U
75-25-2	Bromoform	560	U
79-34-5	1,1,2,2-Tetrachloroethane	560	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-78 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3580 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3580.15

Sample wt/vol: 10.3 (g/ml) G Lab File ID: V03870.D

Level: (low/med) MED Date Received: 05/19/98

% Moisture: not dec. 12.42 Date Analyzed: 05/27/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-79 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3580 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3580.19

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V03872.D

Level: (low/med) MED Date Received: 05/19/98

% Moisture: not dec. 14.8 Date Analyzed: 05/27/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3700	U
1634044	Methyl-tert-Butyl ether	860	U
108203	Di-isopropyl ether	580	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	290	U
75-01-4	Vinyl Chloride	860	U
74-83-9	Bromomethane	580	U
75-00-3	Chloroethane	860	U
75-69-4	Trichlorofluoromethane	580	U
75-35-4	1,1-Dichloroethene	290	U
67-64-1	Acetone	580	U
75-15-0	Carbon Disulfide	290	U
75-09-2	Methylene Chloride	580	U
156-60-5	trans-1,2-Dichloroethene	580	U
75-35-3	1,1-Dichloroethane	290	U
108-05-4	Vinyl Acetate	860	U
78-93-3	2-Butanone	860	U
	cis-1,2-Dichloroethene	290	U
67-66-3	Chloroform	290	U
75-55-6	1,1,1-Trichloroethane	290	U
56-23-5	Carbon Tetrachloride	580	U
71-43-2	Benzene	290	U
107-06-2	1,2-Dichloroethane	580	U
79-01-6	Trichloroethene	290	U
78-87-5	1,2-Dichloropropane	290	U
75-27-4	Bromodichloromethane	290	U
110-75-8	2-Chloroethyl vinyl ether	580	U
10061-01-5	cis-1,3-Dichloropropene	290	U
108-10-1	4-Methyl-2-Pentanone	580	U
108-88-3	Toluene	290	U
10061-02-6	trans-1,3-Dichloropropene	580	U
79-00-5	1,1,2-Trichloroethane	580	U
127-18-4	Tetrachloroethene	290	U
591-78-6	2-Hexanone	580	U
126-48-1	Dibromochloromethane	580	U
108-90-7	Chlorobenzene	290	U
100-41-4	Ethylbenzene	580	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-79 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3580 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3580.19

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V03872.D

Level: (low/med) MED Date Received: 05/19/98

% Moisture: not dec. 14.8 Date Analyzed: 05/27/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	860	U
1330-20-7	o-Xylene	580	U
100-42-5	Styrene	580	U
75-25-2	Bromoform	580	U
79-34-5	1,1,2,2-Tetrachloroethane	580	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-79 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3580 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3580.19

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V03872.D

Level: (low/med) MED Date Received: 05/19/98

% Moisture: not dec. 14.8 Date Analyzed: 05/27/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-80 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3580 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3580.23

Sample wt/vol: 10.4 (g/ml) G Lab File ID: V03874.D

Level: (low/med) MED Date Received: 05/19/98

% Moisture: not dec. 14.01 Date Analyzed: 05/27/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3600	U
1634044	Methyl-tert-Butyl ether	840	U
108203	Di-isopropyl ether	560	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	840	U
74-83-9	Bromomethane	560	U
75-00-3	Chloroethane	840	U
75-69-4	Trichlorofluoromethane	560	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	560	U
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	560	U
156-60-5	trans-1,2-Dichloroethene	560	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	840	U
78-93-3	2-Butanone	840	U
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	280	U
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	560	U
71-43-2	Benzene	280	U
107-06-2	1,2-Dichloroethane	560	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	560	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	560	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	560	U
79-00-5	1,1,2-Trichloroethane	560	U
127-18-4	Tetrachloroethene	280	U
591-78-6	2-Hexanone	560	U
126-48-1	Dibromochloromethane	560	U
108-90-7	Chlorobenzene	280	U
100-41-4	Ethylbenzene	560	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-80 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3580 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3580.23

Sample wt/vol: 10.4 (g/ml) G Lab File ID: V03874.D

Level: (low/med) MED Date Received: 05/19/98

% Moisture: not dec. 14.01 Date Analyzed: 05/27/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	840	U
1330-20-7	o-Xylene	560	U
100-42-5	Styrene	560	U
75-25-2	Bromoform	560	U
79-34-5	1,1,2,2-Tetrachloroethane	560	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-80 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3580 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3580.23

Sample wt/vol: 10.4 (g/ml) G Lab File ID: V03874.D

Level: (low/med) MED Date Received: 05/19/98

% Moisture: not dec. 14.01 Date Analyzed: 05/27/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-81 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3580 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3580.27

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V03876.D

Level: (low/med) MED Date Received: 05/19/98

% Moisture: not dec. 11.22 Date Analyzed: 05/27/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3600	U
1634044	Methyl-tert-Butyl ether	840	U
108203	Di-isopropyl ether	560	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	840	U
74-83-9	Bromomethane	560	U
75-00-3	Chloroethane	840	U
75-69-4	Trichlorofluoromethane	560	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	560	U
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	560	U
156-60-5	trans-1,2-Dichloroethene	560	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	840	U
78-93-3	2-Butanone	840	U
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	280	U
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	560	U
71-43-2	Benzene	280	U
107-06-2	1,2-Dichloroethane	560	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	560	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	560	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	560	U
79-00-5	1,1,2-Trichloroethane	560	U
127-18-4	Tetrachloroethene	280	U
591-78-6	2-Hexanone	560	U
126-48-1	Dibromochloromethane	560	U
108-90-7	Chlorobenzene	280	U
100-41-4	Ethylbenzene	560	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-81 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3580 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3580.27

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V03876.D

Level: (low/med) MED Date Received: 05/19/98

% Moisture: not dec. 11.22 Date Analyzed: 05/27/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	840	U
1330-20-7	o-Xylene	560	U
100-42-5	Styrene	560	U
75-25-2	Bromoform	560	U
79-34-5	1,1,2,2-Tetrachloroethane	560	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-81 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3580 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3580.27

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V03876.D

Level: (low/med) MED Date Received: 05/19/98

% Moisture: not dec. 11.22 Date Analyzed: 05/27/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-82 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3580 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3580.31

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V03906.D

Level: (low/med) MED Date Received: 05/19/98

% Moisture: not dec. 8.21 Date Analyzed: 05/29/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3500	U
1634044	Methyl-tert-Butyl ether	810	U
108203	Di-isopropyl ether	540	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	270	U
75-01-4	Vinyl Chloride	810	U
74-83-9	Bromomethane	540	U
75-00-3	Chloroethane	810	U
75-69-4	Trichlorofluoromethane	540	U
75-35-4	1,1-Dichloroethene	270	U
67-64-1	Acetone	540	U
75-15-0	Carbon Disulfide	270	U
75-09-2	Methylene Chloride	540	U
156-60-5	trans-1,2-Dichloroethene	540	U
75-35-3	1,1-Dichloroethane	270	U
108-05-4	Vinyl Acetate	810	U
78-93-3	2-Butanone	810	U
	cis-1,2-Dichloroethene	270	U
67-66-3	Chloroform	270	U
75-55-6	1,1,1-Trichloroethane	270	U
56-23-5	Carbon Tetrachloride	540	U
71-43-2	Benzene	270	U
107-06-2	1,2-Dichloroethane	540	U
79-01-6	Trichloroethene	270	U
78-87-5	1,2-Dichloropropane	270	U
75-27-4	Bromodichloromethane	270	U
110-75-8	2-Chloroethyl vinyl ether	540	U
10061-01-5	cis-1,3-Dichloropropene	270	U
108-10-1	4-Methyl-2-Pentanone	540	U
108-88-3	Toluene	270	U
10061-02-6	trans-1,3-Dichloropropene	540	U
79-00-5	1,1,2-Trichloroethane	540	U
127-18-4	Tetrachloroethene	270	U
591-78-6	2-Hexanone	540	U
126-48-1	Dibromochloromethane	540	U
108-90-7	Chlorobenzene	270	U
100-41-4	Ethylbenzene	540	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-82 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3580 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3580.31

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V03906.D

Level: (low/med) MED Date Received: 05/19/98

% Moisture: not dec. 8.21 Date Analyzed: 05/29/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	810	U
1330-20-7	o-Xylene	540	U
100-42-5	Styrene	540	U
75-25-2	Bromoform	540	U
79-34-5	1,1,2,2-Tetrachloroethane	540	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-82 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3580 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3580.31

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V03906.D

Level: (low/med) MED Date Received: 05/19/98

% Moisture: not dec. 8.21 Date Analyzed: 05/29/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-83 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3580 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3580.35

Sample wt/vol: 10.4 (g/ml) G Lab File ID: V03908.D

Level: (low/med) MED Date Received: 05/19/98

% Moisture: not dec. 5.03 Date Analyzed: 05/29/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3300	U
1634044	Methyl-tert-Butyl ether	760	U
108203	Di-isopropyl ether	510	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	760	U
74-83-9	Bromomethane	510	U
75-00-3	Chloroethane	760	U
75-69-4	Trichlorofluoromethane	510	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	510	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	510	U
156-60-5	trans-1,2-Dichloroethene	510	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	760	U
78-93-3	2-Butanone	760	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	510	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	510	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	510	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	510	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	510	U
79-00-5	1,1,2-Trichloroethane	510	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	510	U
126-48-1	Dibromochloromethane	510	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	510	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-83 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3580 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3580.35

Sample wt/vol: 10.4 (g/ml) G Lab File ID: V03908.D

Level: (low/med) MED Date Received: 05/19/98

% Moisture: not dec. 5.03 Date Analyzed: 05/29/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	760	U
1330-20-7	o-Xylene	510	U
100-42-5	Styrene	510	U
75-25-2	Bromoform	510	U
79-34-5	1,1,2,2-Tetrachloroethane	510	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-83 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3580 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3580.35

Sample wt/vol: 10.4 (g/ml) G Lab File ID: V03908.D

Level: (low/med) MED Date Received: 05/19/98

% Moisture: not dec. 5.03 Date Analyzed: 05/29/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-84 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3584 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3584.03

Sample wt/vol: 10.6 (g/ml) G Lab File ID: V03913.D

Level: (low/med) MED Date Received: 05/21/98

% Moisture: not dec. 7.45 Date Analyzed: 05/29/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3300	U
1634044	Methyl-tert-Butyl ether	770	U
108203	Di-isopropyl ether	510	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	260	U
75-01-4	Vinyl Chloride	770	U
74-83-9	Bromomethane	510	U
75-00-3	Chloroethane	770	U
75-69-4	Trichlorofluoromethane	510	U
75-35-4	1,1-Dichloroethene	260	U
67-64-1	Acetone	510	U
75-15-0	Carbon Disulfide	260	U
75-09-2	Methylene Chloride	510	U
156-60-5	trans-1,2-Dichloroethene	510	U
75-35-3	1,1-Dichloroethane	260	U
108-05-4	Vinyl Acetate	770	U
78-93-3	2-Butanone	770	U
	cis-1,2-Dichloroethene	260	U
67-66-3	Chloroform	260	U
75-55-6	1,1,1-Trichloroethane	260	U
56-23-5	Carbon Tetrachloride	510	U
71-43-2	Benzene	260	U
107-06-2	1,2-Dichloroethane	510	U
79-01-6	Trichloroethene	260	U
78-87-5	1,2-Dichloropropane	260	U
75-27-4	Bromodichloromethane	260	U
110-75-8	2-Chloroethyl vinyl ether	510	U
10061-01-5	cis-1,3-Dichloropropene	260	U
108-10-1	4-Methyl-2-Pentanone	510	U
108-88-3	Toluene	260	U
10061-02-6	trans-1,3-Dichloropropene	510	U
79-00-5	1,1,2-Trichloroethane	510	U
127-18-4	Tetrachloroethene	260	U
591-78-6	2-Hexanone	510	U
126-48-1	Dibromochloromethane	510	U
108-90-7	Chlorobenzene	260	U
100-41-4	Ethylbenzene	510	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-84 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3584 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3584.03

Sample wt/vol: 10.6 (g/ml) G Lab File ID: V03913.D

Level: (low/med) MED Date Received: 05/21/98

% Moisture: not dec. 7.45 Date Analyzed: 05/29/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	770	U
1330-20-7	o-Xylene	510	U
100-42-5	Styrene	510	U
75-25-2	Bromoform	510	U
79-34-5	1,1,2,2-Tetrachloroethane	510	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-84 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3584 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3584.03

Sample wt/vol: 10.6 (g/ml) G Lab File ID: V03913.D

Level: (low/med) MED Date Received: 05/21/98

% Moisture: not dec. 7.45 Date Analyzed: 05/29/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-85 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3584 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3584.07

Sample wt/vol: 10.5 (g/ml) G Lab File ID: V03915.D

Level: (low/med) MED Date Received: 05/21/98

% Moisture: not dec. 7.08 Date Analyzed: 05/29/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3300	U
1634044	Methyl-tert-Butyl ether	770	U
108203	Di-isopropyl ether	510	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	260	U
75-01-4	Vinyl Chloride	770	U
74-83-9	Bromomethane	510	U
75-00-3	Chloroethane	770	U
75-69-4	Trichlorofluoromethane	510	U
75-35-4	1,1-Dichloroethene	260	U
67-64-1	Acetone	510	U
75-15-0	Carbon Disulfide	260	U
75-09-2	Methylene Chloride	510	U
156-60-5	trans-1,2-Dichloroethene	510	U
75-35-3	1,1-Dichloroethane	260	U
108-05-4	Vinyl Acetate	770	U
78-93-3	2-Butanone	770	U
	cis-1,2-Dichloroethene	260	U
67-66-3	Chloroform	260	U
75-55-6	1,1,1-Trichloroethane	260	U
56-23-5	Carbon Tetrachloride	510	U
71-43-2	Benzene	260	U
107-06-2	1,2-Dichloroethane	510	U
79-01-6	Trichloroethene	260	U
78-87-5	1,2-Dichloropropane	260	U
75-27-4	Bromodichloromethane	260	U
110-75-8	2-Chloroethyl vinyl ether	510	U
10061-01-5	cis-1,3-Dichloropropene	260	U
108-10-1	4-Methyl-2-Pentanone	510	U
108-88-3	Toluene	260	U
10061-02-6	trans-1,3-Dichloropropene	510	U
79-00-5	1,1,2-Trichloroethane	510	U
127-18-4	Tetrachloroethene	260	U
591-78-6	2-Hexanone	510	U
126-48-1	Dibromochloromethane	510	U
108-90-7	Chlorobenzene	260	U
100-41-4	Ethylbenzene	510	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-85 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3584 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3584.07

Sample wt/vol: 10.5 (g/ml) G Lab File ID: V03915.D

Level: (low/med) MED Date Received: 05/21/98

% Moisture: not dec. 7.08 Date Analyzed: 05/29/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	770	U
1330-20-7	o-Xylene	510	U
100-42-5	Styrene	510	U
75-25-2	Bromoform	510	U
79-34-5	1,1,2,2-Tetrachloroethane	510	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-85 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3584 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3584.07

Sample wt/vol: 10.5 (g/ml) G Lab File ID: V03915.D

Level: (low/med) MED Date Received: 05/21/98

% Moisture: not dec. 7.08 Date Analyzed: 05/29/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-86 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3584 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3584.11

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V03917.D

Level: (low/med) MED Date Received: 05/21/98

% Moisture: not dec. 12.96 Date Analyzed: 05/29/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3700	U
1634044	Methyl-tert-Butyl ether	850	U
108203	Di-isopropyl ether	560	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	850	U
74-83-9	Bromomethane	560	U
75-00-3	Chloroethane	850	U
75-69-4	Trichlorofluoromethane	560	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	560	U
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	560	U
156-60-5	trans-1,2-Dichloroethene	560	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	850	U
78-93-3	2-Butanone	850	U
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	280	U
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	560	U
71-43-2	Benzene	280	U
107-06-2	1,2-Dichloroethane	560	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	560	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	560	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	560	U
79-00-5	1,1,2-Trichloroethane	560	U
127-18-4	Tetrachloroethene	280	U
591-78-6	2-Hexanone	560	U
126-48-1	Dibromochloromethane	560	U
108-90-7	Chlorobenzene	280	U
100-41-4	Ethylbenzene	560	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-86 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3584 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3584.11

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V03917.D

Level: (low/med) MED Date Received: 05/21/98

% Moisture: not dec. 12.96 Date Analyzed: 05/29/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	850	U
1330-20-7	o-Xylene	560	U
100-42-5	Styrene	560	U
75-25-2	Bromoform	560	U
79-34-5	1,1,2,2-Tetrachloroethane	560	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-86 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3584 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3584.11

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V03917.D

Level: (low/med) MED Date Received: 05/21/98

% Moisture: not dec. 12.96 Date Analyzed: 05/29/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-87 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3584 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3584.15

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V03919.D

Level: (low/med) MED Date Received: 05/21/98

% Moisture: not dec. 11.18 Date Analyzed: 05/29/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3700	U
1634044	Methyl-tert-Butyl ether	860	U
108203	Di-isopropyl ether	580	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	290	U
75-01-4	Vinyl Chloride	860	U
74-83-9	Bromomethane	580	U
75-00-3	Chloroethane	860	U
75-69-4	Trichlorofluoromethane	580	U
75-35-4	1,1-Dichloroethene	290	U
67-64-1	Acetone	580	U
75-15-0	Carbon Disulfide	290	U
75-09-2	Methylene Chloride	580	U
156-60-5	trans-1,2-Dichloroethene	580	U
75-35-3	1,1-Dichloroethane	290	U
108-05-4	Vinyl Acetate	860	U
78-93-3	2-Butanone	860	U
	cis-1,2-Dichloroethene	290	U
67-66-3	Chloroform	290	U
75-55-6	1,1,1-Trichloroethane	290	U
56-23-5	Carbon Tetrachloride	580	U
71-43-2	Benzene	290	U
107-06-2	1,2-Dichloroethane	580	U
79-01-6	Trichloroethene	290	U
78-87-5	1,2-Dichloropropane	290	U
75-27-4	Bromodichloromethane	290	U
110-75-8	2-Chloroethyl vinyl ether	580	U
10061-01-5	cis-1,3-Dichloropropene	290	U
108-10-1	4-Methyl-2-Pentanone	580	U
108-88-3	Toluene	290	U
10061-02-6	trans-1,3-Dichloropropene	580	U
79-00-5	1,1,2-Trichloroethane	580	U
127-18-4	Tetrachloroethene	290	U
591-78-6	2-Hexanone	580	U
126-48-1	Dibromochloromethane	580	U
108-90-7	Chlorobenzene	290	U
100-41-4	Ethylbenzene	580	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-87 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3584 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3584.15

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V03919.D

Level: (low/med) MED Date Received: 05/21/98

% Moisture: not dec. 11.18 Date Analyzed: 05/29/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	860	U
1330-20-7	o-Xylene	580	U
100-42-5	Styrene	580	U
75-25-2	Bromoform	580	U
79-34-5	1,1,2,2-Tetrachloroethane	580	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-87 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3584 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3584.15

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V03919.D

Level: (low/med) MED Date Received: 05/21/98

% Moisture: not dec. 11.18 Date Analyzed: 05/29/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-88 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3584 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3584.19

Sample wt/vol: 10.4 (g/ml) G Lab File ID: V03953.D

Level: (low/med) MED Date Received: 05/21/98

% Moisture: not dec. 23.06 Date Analyzed: 06/02/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2200	U
107131	Acrylonitrile	2200	U
75650	tert-Butyl alcohol	4100	U
1634044	Methyl-tert-Butyl ether	940	U
108203	Di-isopropyl ether	630	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	310	U
75-01-4	Vinyl Chloride	940	U
74-83-9	Bromomethane	630	U
75-00-3	Chloroethane	940	U
75-69-4	Trichlorofluoromethane	630	U
75-35-4	1,1-Dichloroethene	310	U
67-64-1	Acetone	630	U
75-15-0	Carbon Disulfide	310	U
75-09-2	Methylene Chloride	630	U
156-60-5	trans-1,2-Dichloroethene	630	U
75-35-3	1,1-Dichloroethane	310	U
108-05-4	Vinyl Acetate	940	U
78-93-3	2-Butanone	940	U
	cis-1,2-Dichloroethene	310	U
67-66-3	Chloroform	310	U
75-55-6	1,1,1-Trichloroethane	310	U
56-23-5	Carbon Tetrachloride	630	U
71-43-2	Benzene	310	U
107-06-2	1,2-Dichloroethane	630	U
79-01-6	Trichloroethene	310	U
78-87-5	1,2-Dichloropropane	310	U
75-27-4	Bromodichloromethane	310	U
110-75-8	2-Chloroethyl vinyl ether	630	U
10061-01-5	cis-1,3-Dichloropropene	310	U
108-10-1	4-Methyl-2-Pentanone	630	U
108-88-3	Toluene	310	U
10061-02-6	trans-1,3-Dichloropropene	630	U
79-00-5	1,1,2-Trichloroethane	630	U
127-18-4	Tetrachloroethene	310	U
591-78-6	2-Hexanone	630	U
126-48-1	Dibromochloromethane	630	U
108-90-7	Chlorobenzene	310	U
100-41-4	Ethylbenzene	630	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-88 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3584 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3584.19

Sample wt/vol: 10.4 (g/ml) G Lab File ID: V03953.D

Level: (low/med) MED Date Received: 05/21/98

% Moisture: not dec. 23.06 Date Analyzed: 06/02/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	940	U
1330-20-7	o-Xylene	630	U
100-42-5	Styrene	630	U
75-25-2	Bromoform	630	U
79-34-5	1,1,2,2-Tetrachloroethane	630	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-88 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3584 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3584.19

Sample wt/vol: 10.4 (g/ml) G Lab File ID: V03953.D

Level: (low/med) MED Date Received: 05/21/98

% Moisture: not dec. 23.06 Date Analyzed: 06/02/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-89 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3584 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3584.23

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03954.D

Level: (low/med) MED Date Received: 05/21/98

% Moisture: not dec. 18.95 Date Analyzed: 06/02/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2200	U
107131	Acrylonitrile	2200	U
75650	tert-Butyl alcohol	4000	U
1634044	Methyl-tert-Butyl ether	930	U
108203	Di-isopropyl ether	620	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	310	U
75-01-4	Vinyl Chloride	930	U
74-83-9	Bromomethane	620	U
75-00-3	Chloroethane	930	U
75-69-4	Trichlorofluoromethane	620	U
75-35-4	1,1-Dichloroethene	310	U
67-64-1	Acetone	620	U
75-15-0	Carbon Disulfide	310	U
75-09-2	Methylene Chloride	620	U
156-60-5	trans-1,2-Dichloroethene	620	U
75-35-3	1,1-Dichloroethane	310	U
108-05-4	Vinyl Acetate	930	U
78-93-3	2-Butanone	930	U
	cis-1,2-Dichloroethene	310	U
67-66-3	Chloroform	310	U
75-55-6	1,1,1-Trichloroethane	310	U
56-23-5	Carbon Tetrachloride	620	U
71-43-2	Benzene	310	U
107-06-2	1,2-Dichloroethane	620	U
79-01-6	Trichloroethene	310	U
78-87-5	1,2-Dichloropropane	310	U
75-27-4	Bromodichloromethane	310	U
110-75-8	2-Chloroethyl vinyl ether	620	U
10061-01-5	cis-1,3-Dichloropropene	310	U
108-10-1	4-Methyl-2-Pentanone	620	U
108-88-3	Toluene	310	U
10061-02-6	trans-1,3-Dichloropropene	620	U
79-00-5	1,1,2-Trichloroethane	620	U
127-18-4	Tetrachloroethene	310	U
591-78-6	2-Hexanone	620	U
126-48-1	Dibromochloromethane	620	U
108-90-7	Chlorobenzene	310	U
100-41-4	Ethylbenzene	620	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-89 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3584 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3584.23

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03954.D

Level: (low/med) MED Date Received: 05/21/98

% Moisture: not dec. 18.95 Date Analyzed: 06/02/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	930	U
1330-20-7	o-Xylene	620	U
100-42-5	Styrene	620	U
75-25-2	Bromoform	620	U
79-34-5	1,1,2,2-Tetrachloroethane	620	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-89 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3584 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3584.23

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03954.D

Level: (low/med) MED Date Received: 05/21/98

% Moisture: not dec. 18.95 Date Analyzed: 06/02/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-90 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3584 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3584.27

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V03956.D

Level: (low/med) MED Date Received: 05/21/98

% Moisture: not dec. 19.17 Date Analyzed: 06/02/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2100	U
107131	Acrylonitrile	2100	U
75650	tert-Butyl alcohol	3900	U
1634044	Methyl-tert-Butyl ether	910	U
108203	Di-isopropyl ether	610	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	300	U
75-01-4	Vinyl Chloride	910	U
74-83-9	Bromomethane	610	U
75-00-3	Chloroethane	910	U
75-69-4	Trichlorofluoromethane	610	U
75-35-4	1,1-Dichloroethene	300	U
67-64-1	Acetone	610	U
75-15-0	Carbon Disulfide	300	U
75-09-2	Methylene Chloride	610	U
156-60-5	trans-1,2-Dichloroethene	610	U
75-35-3	1,1-Dichloroethane	300	U
108-05-4	Vinyl Acetate	910	U
78-93-3	2-Butanone	910	U
	cis-1,2-Dichloroethene	300	U
67-66-3	Chloroform	300	U
75-55-6	1,1,1-Trichloroethane	300	U
56-23-5	Carbon Tetrachloride	610	U
71-43-2	Benzene	300	U
107-06-2	1,2-Dichloroethane	610	U
79-01-6	Trichloroethene	300	U
78-87-5	1,2-Dichloropropane	300	U
75-27-4	Bromodichloromethane	300	U
110-75-8	2-Chloroethyl vinyl ether	610	U
10061-01-5	cis-1,3-Dichloropropene	300	U
108-10-1	4-Methyl-2-Pentanone	610	U
108-88-3	Toluene	300	U
10061-02-6	trans-1,3-Dichloropropene	610	U
79-00-5	1,1,2-Trichloroethane	610	U
127-18-4	Tetrachloroethene	300	U
591-78-6	2-Hexanone	610	U
126-48-1	Dibromochloromethane	610	U
108-90-7	Chlorobenzene	300	U
100-41-4	Ethylbenzene	610	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-90 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3584 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3584.27

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V03956.D

Level: (low/med) MED Date Received: 05/21/98

% Moisture: not dec. 19.17 Date Analyzed: 06/02/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	910	U
1330-20-7	o-Xylene	610	U
100-42-5	Styrene	610	U
75-25-2	Bromoform	610	U
79-34-5	1,1,2,2-Tetrachloroethane	610	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-90 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3584 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3584.27

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V03956.D

Level: (low/med) MED Date Received: 05/21/98

% Moisture: not dec. 19.17 Date Analyzed: 06/02/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-91 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3584 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3584.31

Sample wt/vol: 10.6 (g/ml) G Lab File ID: V03958.D

Level: (low/med) MED Date Received: 05/21/98

% Moisture: not dec. 5.6 Date Analyzed: 06/02/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3300	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-91 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3584 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3584.31

Sample wt/vol: 10.6 (g/ml) G Lab File ID: V03958.D

Level: (low/med) MED Date Received: 05/21/98

% Moisture: not dec. 5.6 Date Analyzed: 06/02/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-91 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3584 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3584.31

Sample wt/vol: 10.6 (g/ml) G Lab File ID: V03958.D

Level: (low/med) MED Date Received: 05/21/98

% Moisture: not dec. 5.6 Date Analyzed: 06/02/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-92 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3584 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3584.35

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03960.D

Level: (low/med) MED Date Received: 05/21/98

% Moisture: not dec. 6.99 Date Analyzed: 06/02/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3500	U
1634044	Methyl-tert-Butyl ether	810	U
108203	Di-isopropyl ether	540	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	270	U
75-01-4	Vinyl Chloride	810	U
74-83-9	Bromomethane	540	U
75-00-3	Chloroethane	810	U
75-69-4	Trichlorofluoromethane	540	U
75-35-4	1,1-Dichloroethene	270	U
67-64-1	Acetone	540	U
75-15-0	Carbon Disulfide	270	U
75-09-2	Methylene Chloride	540	U
156-60-5	trans-1,2-Dichloroethene	540	U
75-35-3	1,1-Dichloroethane	270	U
108-05-4	Vinyl Acetate	810	U
78-93-3	2-Butanone	810	U
	cis-1,2-Dichloroethene	270	U
67-66-3	Chloroform	270	U
75-55-6	1,1,1-Trichloroethane	270	U
56-23-5	Carbon Tetrachloride	540	U
71-43-2	Benzene	270	U
107-06-2	1,2-Dichloroethane	540	U
79-01-6	Trichloroethene	270	U
78-87-5	1,2-Dichloropropane	270	U
75-27-4	Bromodichloromethane	270	U
110-75-8	2-Chloroethyl vinyl ether	540	U
10061-01-5	cis-1,3-Dichloropropene	270	U
108-10-1	4-Methyl-2-Pentanone	540	U
108-88-3	Toluene	270	U
10061-02-6	trans-1,3-Dichloropropene	540	U
79-00-5	1,1,2-Trichloroethane	540	U
127-18-4	Tetrachloroethene	270	U
591-78-6	2-Hexanone	540	U
126-48-1	Dibromochloromethane	540	U
108-90-7	Chlorobenzene	270	U
100-41-4	Ethylbenzene	540	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-92 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3584 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3584.35

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03960.D

Level: (low/med) MED Date Received: 05/21/98

% Moisture: not dec. 6.99 Date Analyzed: 06/02/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	810	U
1330-20-7	o-Xylene	540	U
100-42-5	Styrene	540	U
75-25-2	Bromoform	540	U
79-34-5	1,1,2,2-Tetrachloroethane	540	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-92 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3584 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3584.35

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V03960.D

Level: (low/med) MED Date Received: 05/21/98

% Moisture: not dec. 6.99 Date Analyzed: 06/02/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-93 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3588 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3588.03

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V03963.D

Level: (low/med) MED Date Received: 05/22/98

% Moisture: not dec. 10.62 Date Analyzed: 06/02/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3700	U
1634044	Methyl-tert-Butyl ether	850	U
108203	Di-isopropyl ether	570	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	850	U
74-83-9	Bromomethane	570	U
75-00-3	Chloroethane	850	U
75-69-4	Trichlorofluoromethane	570	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	570	U
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	570	U
156-60-5	trans-1,2-Dichloroethene	570	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	850	U
78-93-3	2-Butanone	850	U
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	280	U
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	570	U
71-43-2	Benzene	280	U
107-06-2	1,2-Dichloroethane	570	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	570	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	570	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	570	U
79-00-5	1,1,2-Trichloroethane	570	U
127-18-4	Tetrachloroethene	280	U
591-78-6	2-Hexanone	570	U
126-48-1	Dibromochloromethane	570	U
108-90-7	Chlorobenzene	280	U
100-41-4	Ethylbenzene	570	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-93 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3588 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3588.03

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V03963.D

Level: (low/med) MED Date Received: 05/22/98

% Moisture: not dec. 10.62 Date Analyzed: 06/02/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	850	U
1330-20-7	o-Xylene	570	U
100-42-5	Styrene	570	U
75-25-2	Bromoform	570	U
79-34-5	1,1,2,2-Tetrachloroethane	570	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-93 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3588 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3588.03

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V03963.D

Level: (low/med) MED Date Received: 05/22/98

% Moisture: not dec. 10.62 Date Analyzed: 06/02/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-94 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3588 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3588.07

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V03965.D

Level: (low/med) MED Date Received: 05/22/98

% Moisture: not dec. 13.15 Date Analyzed: 06/02/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3700	U
1634044	Methyl-tert-Butyl ether	850	U
108203	Di-isopropyl ether	570	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	850	U
74-83-9	Bromomethane	570	U
75-00-3	Chloroethane	850	U
75-69-4	Trichlorofluoromethane	570	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	570	U
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	570	U
156-60-5	trans-1,2-Dichloroethene	570	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	850	U
78-93-3	2-Butanone	850	U
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	280	U
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	570	U
71-43-2	Benzene	280	U
107-06-2	1,2-Dichloroethane	570	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	570	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	570	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	570	U
79-00-5	1,1,2-Trichloroethane	570	U
127-18-4	Tetrachloroethene	280	U
591-78-6	2-Hexanone	570	U
126-48-1	Dibromochloromethane	570	U
108-90-7	Chlorobenzene	280	U
100-41-4	Ethylbenzene	570	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-94 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3588 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3588.07

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V03965.D

Level: (low/med) MED Date Received: 05/22/98

% Moisture: not dec. 13.15 Date Analyzed: 06/02/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	850	U
1330-20-7	o-Xylene	570	U
100-42-5	Styrene	570	U
75-25-2	Bromoform	570	U
79-34-5	1,1,2,2-Tetrachloroethane	570	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-94 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3588 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3588.07

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V03965.D

Level: (low/med) MED Date Received: 05/22/98

% Moisture: not dec. 13.15 Date Analyzed: 06/02/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-95 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3588 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3588.11

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V03967.D

Level: (low/med) MED Date Received: 05/22/98

% Moisture: not dec. 7.64 Date Analyzed: 06/02/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3600	U
1634044	Methyl-tert-Butyl ether	820	U
108203	Di-isopropyl ether	550	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	270	U
75-01-4	Vinyl Chloride	820	U
74-83-9	Bromomethane	550	U
75-00-3	Chloroethane	820	U
75-69-4	Trichlorofluoromethane	550	U
75-35-4	1,1-Dichloroethene	270	U
67-64-1	Acetone	550	U
75-15-0	Carbon Disulfide	270	U
75-09-2	Methylene Chloride	550	U
156-60-5	trans-1,2-Dichloroethene	550	U
75-35-3	1,1-Dichloroethane	270	U
108-05-4	Vinyl Acetate	820	U
78-93-3	2-Butanone	820	U
	cis-1,2-Dichloroethene	270	U
67-66-3	Chloroform	270	U
75-55-6	1,1,1-Trichloroethane	270	U
56-23-5	Carbon Tetrachloride	550	U
71-43-2	Benzene	270	U
107-06-2	1,2-Dichloroethane	550	U
79-01-6	Trichloroethene	270	U
78-87-5	1,2-Dichloropropane	270	U
75-27-4	Bromodichloromethane	270	U
110-75-8	2-Chloroethyl vinyl ether	550	U
10061-01-5	cis-1,3-Dichloropropene	270	U
108-10-1	4-Methyl-2-Pentanone	550	U
108-88-3	Toluene	270	U
10061-02-6	trans-1,3-Dichloropropene	550	U
79-00-5	1,1,2-Trichloroethane	550	U
127-18-4	Tetrachloroethene	270	U
591-78-6	2-Hexanone	550	U
126-48-1	Dibromochloromethane	550	U
108-90-7	Chlorobenzene	270	U
100-41-4	Ethylbenzene	550	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-95 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3588 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3588.11

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V03967.D

Level: (low/med) MED Date Received: 05/22/98

% Moisture: not dec. 7.64 Date Analyzed: 06/02/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	820	U
1330-20-7	o-Xylene	550	U
100-42-5	Styrene	550	U
75-25-2	Bromoform	550	U
79-34-5	1,1,2,2-Tetrachloroethane	550	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-95 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3588 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3588.11

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V03967.D

Level: (low/med) MED Date Received: 05/22/98

% Moisture: not dec. 7.64 Date Analyzed: 06/02/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-96 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3588 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3588.15

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V03973.D

Level: (low/med) MED Date Received: 05/22/98

% Moisture: not dec. 15.87 Date Analyzed: 06/03/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2100	U
107131	Acrylonitrile	2100	U
75650	tert-Butyl alcohol	3900	U
1634044	Methyl-tert-Butyl ether	910	U
108203	Di-isopropyl ether	610	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	300	U
75-01-4	Vinyl Chloride	910	U
74-83-9	Bromomethane	610	U
75-00-3	Chloroethane	910	U
75-69-4	Trichlorofluoromethane	610	U
75-35-4	1,1-Dichloroethene	300	U
67-64-1	Acetone	610	U
75-15-0	Carbon Disulfide	300	U
75-09-2	Methylene Chloride	610	U
156-60-5	trans-1,2-Dichloroethene	610	U
75-35-3	1,1-Dichloroethane	300	U
108-05-4	Vinyl Acetate	910	U
78-93-3	2-Butanone	910	U
	cis-1,2-Dichloroethene	300	U
67-66-3	Chloroform	300	U
75-55-6	1,1,1-Trichloroethane	300	U
56-23-5	Carbon Tetrachloride	610	U
71-43-2	Benzene	300	U
107-06-2	1,2-Dichloroethane	610	U
79-01-6	Trichloroethene	300	U
78-87-5	1,2-Dichloropropane	300	U
75-27-4	Bromodichloromethane	300	U
110-75-8	2-Chloroethyl vinyl ether	610	U
10061-01-5	cis-1,3-Dichloropropene	300	U
108-10-1	4-Methyl-2-Pentanone	610	U
108-88-3	Toluene	300	U
10061-02-6	trans-1,3-Dichloropropene	610	U
79-00-5	1,1,2-Trichloroethane	610	U
127-18-4	Tetrachloroethene	300	U
591-78-6	2-Hexanone	610	U
126-48-1	Dibromochloromethane	610	U
108-90-7	Chlorobenzene	300	U
100-41-4	Ethylbenzene	610	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-96 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3588 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3588.15

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V03973.D

Level: (low/med) MED Date Received: 05/22/98

% Moisture: not dec. 15.87 Date Analyzed: 06/03/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	910	U
1330-20-7	o-Xylene	610	U
100-42-5	Styrene	610	U
75-25-2	Bromoform	610	U
79-34-5	1,1,2,2-Tetrachloroethane	610	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-96 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3588 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3588.15

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V03973.D

Level: (low/med) MED Date Received: 05/22/98

% Moisture: not dec. 15.87 Date Analyzed: 06/03/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-97 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3588 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3588.19

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V03975.D

Level: (low/med) MED Date Received: 05/22/98

% Moisture: not dec. 15.75 Date Analyzed: 06/03/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3800	U
1634044	Methyl-tert-Butyl ether	880	U
108203	Di-isopropyl ether	580	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	290	U
75-01-4	Vinyl Chloride	880	U
74-83-9	Bromomethane	580	U
75-00-3	Chloroethane	880	U
75-69-4	Trichlorofluoromethane	580	U
75-35-4	1,1-Dichloroethene	290	U
67-64-1	Acetone	580	U
75-15-0	Carbon Disulfide	290	U
75-09-2	Methylene Chloride	580	U
156-60-5	trans-1,2-Dichloroethene	580	U
75-35-3	1,1-Dichloroethane	290	U
108-05-4	Vinyl Acetate	880	U
78-93-3	2-Butanone	880	U
	cis-1,2-Dichloroethene	290	U
67-66-3	Chloroform	290	U
75-55-6	1,1,1-Trichloroethane	290	U
56-23-5	Carbon Tetrachloride	580	U
71-43-2	Benzene	290	U
107-06-2	1,2-Dichloroethane	580	U
79-01-6	Trichloroethene	290	U
78-87-5	1,2-Dichloropropane	290	U
75-27-4	Bromodichloromethane	290	U
110-75-8	2-Chloroethyl vinyl ether	580	U
10061-01-5	cis-1,3-Dichloropropene	290	U
108-10-1	4-Methyl-2-Pentanone	580	U
108-88-3	Toluene	290	U
10061-02-6	trans-1,3-Dichloropropene	580	U
79-00-5	1,1,2-Trichloroethane	580	U
127-18-4	Tetrachloroethene	290	U
591-78-6	2-Hexanone	580	U
126-48-1	Dibromochloromethane	580	U
108-90-7	Chlorobenzene	290	U
100-41-4	Ethylbenzene	580	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-97 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3588 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3588.19

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V03975.D

Level: (low/med) MED Date Received: 05/22/98

% Moisture: not dec. 15.75 Date Analyzed: 06/03/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	880	U
1330-20-7	o-Xylene	580	U
100-42-5	Styrene	580	U
75-25-2	Bromoform	580	U
79-34-5	1,1,2,2-Tetrachloroethane	580	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-97 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3588 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3588.19

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V03975.D

Level: (low/med) MED Date Received: 05/22/98

% Moisture: not dec. 15.75 Date Analyzed: 06/03/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-98 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3588 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3588.23

Sample wt/vol: 9.6 (g/ml) G Lab File ID: V03977.D

Level: (low/med) MED Date Received: 05/22/98

% Moisture: not dec. 20.78 Date Analyzed: 06/03/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2300	U
107131	Acrylonitrile	2300	U
75650	tert-Butyl alcohol	4300	U
1634044	Methyl-tert-Butyl ether	990	U
108203	Di-isopropyl ether	660	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	330	U
75-01-4	Vinyl Chloride	990	U
74-83-9	Bromomethane	660	U
75-00-3	Chloroethane	990	U
75-69-4	Trichlorofluoromethane	660	U
75-35-4	1,1-Dichloroethene	330	U
67-64-1	Acetone	660	U
75-15-0	Carbon Disulfide	330	U
75-09-2	Methylene Chloride	660	U
156-60-5	trans-1,2-Dichloroethene	660	U
75-35-3	1,1-Dichloroethane	330	U
108-05-4	Vinyl Acetate	990	U
78-93-3	2-Butanone	990	U
	cis-1,2-Dichloroethene	330	U
67-66-3	Chloroform	330	U
75-55-6	1,1,1-Trichloroethane	330	U
56-23-5	Carbon Tetrachloride	660	U
71-43-2	Benzene	330	U
107-06-2	1,2-Dichloroethane	660	U
79-01-6	Trichloroethene	330	U
78-87-5	1,2-Dichloropropane	330	U
75-27-4	Bromodichloromethane	330	U
110-75-8	2-Chloroethyl vinyl ether	660	U
10061-01-5	cis-1,3-Dichloropropene	330	U
108-10-1	4-Methyl-2-Pentanone	660	U
108-88-3	Toluene	480	
10061-02-6	trans-1,3-Dichloropropene	660	U
79-00-5	1,1,2-Trichloroethane	660	U
127-18-4	Tetrachloroethene	330	U
591-78-6	2-Hexanone	660	U
126-48-1	Dibromochloromethane	660	U
108-90-7	Chlorobenzene	330	U
100-41-4	Ethylbenzene	660	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-98 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3588 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3588.23

Sample wt/vol: 9.6 (g/ml) G Lab File ID: V03977.D

Level: (low/med) MED Date Received: 05/22/98

% Moisture: not dec. 20.78 Date Analyzed: 06/03/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	990	U
1330-20-7	o-Xylene	660	U
100-42-5	Styrene	660	U
75-25-2	Bromoform	660	U
79-34-5	1,1,2,2-Tetrachloroethane	660	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-98 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3588 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3588.23

Sample wt/vol: 9.6 (g/ml) G Lab File ID: V03977.D

Level: (low/med) MED Date Received: 05/22/98

% Moisture: not dec. 20.78 Date Analyzed: 06/03/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-99 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3593 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3593.03

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V03993.D

Level: (low/med) MED Date Received: 05/26/98

% Moisture: not dec. 19.17 Date Analyzed: 06/04/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2100	U
107131	Acrylonitrile	2100	U
75650	tert-Butyl alcohol	3900	U
1634044	Methyl-tert-Butyl ether	910	U
108203	Di-isopropyl ether	610	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	300	U
75-01-4	Vinyl Chloride	910	U
74-83-9	Bromomethane	610	U
75-00-3	Chloroethane	910	U
75-69-4	Trichlorofluoromethane	610	U
75-35-4	1,1-Dichloroethene	300	U
67-64-1	Acetone	610	U
75-15-0	Carbon Disulfide	300	U
75-09-2	Methylene Chloride	610	U
156-60-5	trans-1,2-Dichloroethene	610	U
75-35-3	1,1-Dichloroethane	300	U
108-05-4	Vinyl Acetate	910	U
78-93-3	2-Butanone	910	U
	cis-1,2-Dichloroethene	300	U
67-66-3	Chloroform	300	U
75-55-6	1,1,1-Trichloroethane	300	U
56-23-5	Carbon Tetrachloride	610	U
71-43-2	Benzene	300	U
107-06-2	1,2-Dichloroethane	610	U
79-01-6	Trichloroethene	300	U
78-87-5	1,2-Dichloropropane	300	U
75-27-4	Bromodichloromethane	300	U
110-75-8	2-Chloroethyl vinyl ether	610	U
10061-01-5	cis-1,3-Dichloropropene	300	U
108-10-1	4-Methyl-2-Pentanone	610	U
108-88-3	Toluene	300	U
10061-02-6	trans-1,3-Dichloropropene	610	U
79-00-5	1,1,2-Trichloroethane	610	U
127-18-4	Tetrachloroethene	300	U
591-78-6	2-Hexanone	610	U
126-48-1	Dibromochloromethane	610	U
108-90-7	Chlorobenzene	300	U
100-41-4	Ethylbenzene	610	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-99 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3593 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3593.03

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V03993.D

Level: (low/med) MED Date Received: 05/26/98

% Moisture: not dec. 19.17 Date Analyzed: 06/04/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	910	U
1330-20-7	o-Xylene	610	U
100-42-5	Styrene	610	U
75-25-2	Bromoform	610	U
79-34-5	1,1,2,2-Tetrachloroethane	610	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-99 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3593 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3593.03

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V03993.D

Level: (low/med) MED Date Received: 05/26/98

% Moisture: not dec. 19.17 Date Analyzed: 06/04/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-158 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3665 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3665.13

Sample wt/vol: 9.6 (g/ml) G Lab File ID: V04215.D

Level: (low/med) MED Date Received: 06/18/98

% Moisture: not dec. 6.12 Date Analyzed: 06/22/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3600	U
1634044	Methyl-tert-Butyl ether	840	U
108203	Di-isopropyl ether	560	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	840	U
74-83-9	Bromomethane	560	U
75-00-3	Chloroethane	840	U
75-69-4	Trichlorofluoromethane	560	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	560	U
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	560	U
156-60-5	trans-1,2-Dichloroethene	560	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	840	U
78-93-3	2-Butanone	840	U
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	280	U
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	560	U
71-43-2	Benzene	280	U
107-06-2	1,2-Dichloroethane	560	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	560	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	560	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	560	U
79-00-5	1,1,2-Trichloroethane	560	U
127-18-4	Tetrachloroethene	280	U
591-78-6	2-Hexanone	560	U
126-48-1	Dibromochloromethane	560	U
108-90-7	Chlorobenzene	280	U
100-41-4	Ethylbenzene	560	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-158 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3665 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3665.13

Sample wt/vol: 9.6 (g/ml) G Lab File ID: V04215.D

Level: (low/med) MED Date Received: 06/18/98

% Moisture: not dec. 6.12 Date Analyzed: 06/22/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	840	U
1330-20-7	o-Xylene	560	U
100-42-5	Styrene	560	U
75-25-2	Bromoform	560	U
79-34-5	1,1,2,2-Tetrachloroethane	560	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-158 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3665 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3665.13

Sample wt/vol: 9.6 (g/ml) G Lab File ID: V04215.D

Level: (low/med) MED Date Received: 06/18/98

% Moisture: not dec. 6.12 Date Analyzed: 06/22/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-159 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3665 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3665.17

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V04225.D

Level: (low/med) MED Date Received: 06/18/98

% Moisture: not dec. 11.64 Date Analyzed: 06/23/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3700	U
1634044	Methyl-tert-Butyl ether	860	U
108203	Di-isopropyl ether	570	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	290	U
75-01-4	Vinyl Chloride	860	U
74-83-9	Bromomethane	570	U
75-00-3	Chloroethane	860	U
75-69-4	Trichlorofluoromethane	570	U
75-35-4	1,1-Dichloroethene	290	U
67-64-1	Acetone	570	U
75-15-0	Carbon Disulfide	290	U
75-09-2	Methylene Chloride	570	U
156-60-5	trans-1,2-Dichloroethene	570	U
75-35-3	1,1-Dichloroethane	290	U
108-05-4	Vinyl Acetate	860	U
78-93-3	2-Butanone	860	U
	cis-1,2-Dichloroethene	290	U
67-66-3	Chloroform	290	U
75-55-6	1,1,1-Trichloroethane	290	U
56-23-5	Carbon Tetrachloride	570	U
71-43-2	Benzene	290	U
107-06-2	1,2-Dichloroethane	570	U
79-01-6	Trichloroethene	290	U
78-87-5	1,2-Dichloropropane	290	U
75-27-4	Bromodichloromethane	290	U
110-75-8	2-Chloroethyl vinyl ether	570	U
10061-01-5	cis-1,3-Dichloropropene	290	U
108-10-1	4-Methyl-2-Pentanone	570	U
108-88-3	Toluene	290	U
10061-02-6	trans-1,3-Dichloropropene	570	U
79-00-5	1,1,2-Trichloroethane	570	U
127-18-4	Tetrachloroethene	290	U
591-78-6	2-Hexanone	570	U
126-48-1	Dibromochloromethane	570	U
108-90-7	Chlorobenzene	290	U
100-41-4	Ethylbenzene	570	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-159 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3665 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3665.17

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V04225.D

Level: (low/med) MED Date Received: 06/18/98

% Moisture: not dec. 11.64 Date Analyzed: 06/23/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	860	U
1330-20-7	o-Xylene	570	U
100-42-5	Styrene	570	U
75-25-2	Bromoform	570	U
79-34-5	1,1,2,2-Tetrachloroethane	570	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-159 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3665 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3665.17

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V04225.D

Level: (low/med) MED Date Received: 06/18/98

% Moisture: not dec. 11.64 Date Analyzed: 06/23/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-160 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3665 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3665.20

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04226.D

Level: (low/med) MED Date Received: 06/18/98

% Moisture: not dec. 11.12 Date Analyzed: 06/23/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3700	U
1634044	Methyl-tert-Butyl ether	840	U
108203	Di-isopropyl ether	560	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	840	U
74-83-9	Bromomethane	560	U
75-00-3	Chloroethane	840	U
75-69-4	Trichlorofluoromethane	560	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	560	U
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	560	U
156-60-5	trans-1,2-Dichloroethene	560	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	840	U
78-93-3	2-Butanone	840	U
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	280	U
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	560	U
71-43-2	Benzene	280	U
107-06-2	1,2-Dichloroethane	560	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	560	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	560	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	560	U
79-00-5	1,1,2-Trichloroethane	560	U
127-18-4	Tetrachloroethene	280	U
591-78-6	2-Hexanone	560	U
126-48-1	Dibromochloromethane	560	U
108-90-7	Chlorobenzene	280	U
100-41-4	Ethylbenzene	560	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-160 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3665 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3665.20

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04226.D

Level: (low/med) MED Date Received: 06/18/98

% Moisture: not dec. 11.12 Date Analyzed: 06/23/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	840	U
1330-20-7	o-Xylene	560	U
100-42-5	Styrene	560	U
75-25-2	Bromoform	560	U
79-34-5	1,1,2,2-Tetrachloroethane	560	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-160 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3665 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3665.20

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04226.D

Level: (low/med) MED Date Received: 06/18/98

% Moisture: not dec. 11.12 Date Analyzed: 06/23/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-161 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3665 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3665.23

Sample wt/vol: 9.5 (g/ml) G Lab File ID: V04227.D

Level: (low/med) MED Date Received: 06/18/98

% Moisture: not dec. 7.14 Date Analyzed: 06/23/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3700	U
1634044	Methyl-tert-Butyl ether	850	U
108203	Di-isopropyl ether	570	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	850	U
74-83-9	Bromomethane	570	U
75-00-3	Chloroethane	850	U
75-69-4	Trichlorofluoromethane	570	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	570	U
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	570	U
156-60-5	trans-1,2-Dichloroethene	570	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	850	U
78-93-3	2-Butanone	850	U
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	280	U
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	570	U
71-43-2	Benzene	280	U
107-06-2	1,2-Dichloroethane	570	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	570	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	570	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	570	U
79-00-5	1,1,2-Trichloroethane	570	U
127-18-4	Tetrachloroethene	280	U
591-78-6	2-Hexanone	570	U
126-48-1	Dibromochloromethane	570	U
108-90-7	Chlorobenzene	280	U
100-41-4	Ethylbenzene	570	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-161 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3665 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3665.23

Sample wt/vol: 9.5 (g/ml) G Lab File ID: V04227.D

Level: (low/med) MED Date Received: 06/18/98

% Moisture: not dec. 7.14 Date Analyzed: 06/23/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	850	U
1330-20-7	o-Xylene	570	U
100-42-5	Styrene	570	U
75-25-2	Bromoform	570	U
79-34-5	1,1,2,2-Tetrachloroethane	570	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-161 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3665 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3665.23

Sample wt/vol: 9.5 (g/ml) G Lab File ID: V04227.D

Level: (low/med) MED Date Received: 06/18/98

% Moisture: not dec. 7.14 Date Analyzed: 06/23/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-162 17"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3686 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3686.05

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04255.D

Level: (low/med) MED Date Received: 06/26/98

% Moisture: not dec. 20.08 Date Analyzed: 07/08/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2200	U
107131	Acrylonitrile	2200	U
75650	tert-Butyl alcohol	4100	U
1634044	Methyl-tert-Butyl ether	940	U
108203	Di-isopropyl ether	630	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	310	U
75-01-4	Vinyl Chloride	940	U
74-83-9	Bromomethane	630	U
75-00-3	Chloroethane	940	U
75-69-4	Trichlorofluoromethane	630	U
75-35-4	1,1-Dichloroethene	310	U
67-64-1	Acetone	630	U
75-15-0	Carbon Disulfide	310	U
75-09-2	Methylene Chloride	630	U
156-60-5	trans-1,2-Dichloroethene	630	U
75-35-3	1,1-Dichloroethane	310	U
108-05-4	Vinyl Acetate	940	U
78-93-3	2-Butanone	940	U
	cis-1,2-Dichloroethene	310	U
67-66-3	Chloroform	310	U
75-55-6	1,1,1-Trichloroethane	310	U
56-23-5	Carbon Tetrachloride	630	U
71-43-2	Benzene	310	U
107-06-2	1,2-Dichloroethane	630	U
79-01-6	Trichloroethene	310	U
78-87-5	1,2-Dichloropropane	310	U
75-27-4	Bromodichloromethane	310	U
110-75-8	2-Chloroethyl vinyl ether	630	U
10061-01-5	cis-1,3-Dichloropropene	310	U
108-10-1	4-Methyl-2-Pentanone	630	U
108-88-3	Toluene	310	U
10061-02-6	trans-1,3-Dichloropropene	630	U
79-00-5	1,1,2-Trichloroethane	630	U
127-18-4	Tetrachloroethene	310	U
591-78-6	2-Hexanone	630	U
126-48-1	Dibromochloromethane	630	U
108-90-7	Chlorobenzene	310	U
100-41-4	Ethylbenzene	630	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-162 17"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3686 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3686.05

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04255.D

Level: (low/med) MED Date Received: 06/26/98

% Moisture: not dec. 20.08 Date Analyzed: 07/08/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	940	U
1330-20-7	o-Xylene	630	U
100-42-5	Styrene	630	U
75-25-2	Bromoform	630	U
79-34-5	1,1,2,2-Tetrachloroethane	630	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-162 17"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3686 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3686.05

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04255.D

Level: (low/med) MED Date Received: 06/26/98

% Moisture: not dec. 20.08 Date Analyzed: 07/08/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1. 000124-18-5	Decane	31.88	1400	JN

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-163 19"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3686 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3686.08

Sample wt/vol: 8.9 (g/ml) G Lab File ID: V04256.D

Level: (low/med) MED Date Received: 06/26/98

% Moisture: not dec. 14.05 Date Analyzed: 07/08/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2300	U
107131	Acrylonitrile	2300	U
75650	tert-Butyl alcohol	4200	U
1634044	Methyl-tert-Butyl ether	980	U
108203	Di-isopropyl ether	650	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	330	U
75-01-4	Vinyl Chloride	980	U
74-83-9	Bromomethane	650	U
75-00-3	Chloroethane	980	U
75-69-4	Trichlorofluoromethane	650	U
75-35-4	1,1-Dichloroethene	330	U
67-64-1	Acetone	650	U
75-15-0	Carbon Disulfide	330	U
75-09-2	Methylene Chloride	650	U
156-60-5	trans-1,2-Dichloroethene	650	U
75-35-3	1,1-Dichloroethane	330	U
108-05-4	Vinyl Acetate	980	U
78-93-3	2-Butanone	980	U
	cis-1,2-Dichloroethene	330	U
67-66-3	Chloroform	330	U
75-55-6	1,1,1-Trichloroethane	330	U
56-23-5	Carbon Tetrachloride	650	U
71-43-2	Benzene	330	U
107-06-2	1,2-Dichloroethane	650	U
79-01-6	Trichloroethene	330	U
78-87-5	1,2-Dichloropropane	330	U
75-27-4	Bromodichloromethane	330	U
110-75-8	2-Chloroethyl vinyl ether	650	U
10061-01-5	cis-1,3-Dichloropropene	330	U
108-10-1	4-Methyl-2-Pentanone	650	U
108-88-3	Toluene	330	U
10061-02-6	trans-1,3-Dichloropropene	650	U
79-00-5	1,1,2-Trichloroethane	650	U
127-18-4	Tetrachloroethene	330	U
591-78-6	2-Hexanone	650	U
126-48-1	Dibromochloromethane	650	U
108-90-7	Chlorobenzene	330	U
100-41-4	Ethylbenzene	650	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-163 19"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3686 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3686.08

Sample wt/vol: 8.9 (g/ml) G Lab File ID: V04256.D

Level: (low/med) MED Date Received: 06/26/98

% Moisture: not dec. 14.05 Date Analyzed: 07/08/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	980	U
1330-20-7	o-Xylene	650	U
100-42-5	Styrene	650	U
75-25-2	Bromoform	650	U
79-34-5	1,1,2,2-Tetrachloroethane	650	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-163 19"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3686 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3686.08

Sample wt/vol: 8.9 (g/ml) G Lab File ID: V04256.D

Level: (low/med) MED Date Received: 06/26/98

% Moisture: not dec. 14.05 Date Analyzed: 07/08/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-164 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3686 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3686.11

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V04257.D

Level: (low/med) MED Date Received: 06/26/98

% Moisture: not dec. 5.68 Date Analyzed: 07/08/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3500	U
1634044	Methyl-tert-Butyl ether	800	U
108203	Di-isopropyl ether	530	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	270	U
75-01-4	Vinyl Chloride	800	U
74-83-9	Bromomethane	530	U
75-00-3	Chloroethane	800	U
75-69-4	Trichlorofluoromethane	530	U
75-35-4	1,1-Dichloroethene	270	U
67-64-1	Acetone	530	U
75-15-0	Carbon Disulfide	270	U
75-09-2	Methylene Chloride	530	U
156-60-5	trans-1,2-Dichloroethene	530	U
75-35-3	1,1-Dichloroethane	270	U
108-05-4	Vinyl Acetate	800	U
78-93-3	2-Butanone	800	U
	cis-1,2-Dichloroethene	270	U
67-66-3	Chloroform	270	U
75-55-6	1,1,1-Trichloroethane	270	U
56-23-5	Carbon Tetrachloride	530	U
71-43-2	Benzene	270	U
107-06-2	1,2-Dichloroethane	530	U
79-01-6	Trichloroethene	270	U
78-87-5	1,2-Dichloropropane	270	U
75-27-4	Bromodichloromethane	270	U
110-75-8	2-Chloroethyl vinyl ether	530	U
10061-01-5	cis-1,3-Dichloropropene	270	U
108-10-1	4-Methyl-2-Pentanone	530	U
108-88-3	Toluene	270	U
10061-02-6	trans-1,3-Dichloropropene	530	U
79-00-5	1,1,2-Trichloroethane	530	U
127-18-4	Tetrachloroethene	270	U
591-78-6	2-Hexanone	530	U
126-48-1	Dibromochloromethane	530	U
108-90-7	Chlorobenzene	270	U
100-41-4	Ethylbenzene	530	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-164 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3686 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3686.11

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V04257.D

Level: (low/med) MED Date Received: 06/26/98

% Moisture: not dec. 5.68 Date Analyzed: 07/08/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	800	U
1330-20-7	o-Xylene	530	U
100-42-5	Styrene	530	U
75-25-2	Bromoform	530	U
79-34-5	1,1,2,2-Tetrachloroethane	530	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-164 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3686 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3686.11

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V04257.D

Level: (low/med) MED Date Received: 06/26/98

% Moisture: not dec. 5.68 Date Analyzed: 07/08/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-165 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3688 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3688.03

Sample wt/vol: 9.7 (g/ml) G Lab File ID: V04260.D

Level: (low/med) MED Date Received: 06/29/98

% Moisture: not dec. 17.67 Date Analyzed: 07/08/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2200	U
107131	Acrylonitrile	2200	U
75650	tert-Butyl alcohol	4100	U
1634044	Methyl-tert-Butyl ether	940	U
108203	Di-isopropyl ether	620	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	310	U
75-01-4	Vinyl Chloride	940	U
74-83-9	Bromomethane	620	U
75-00-3	Chloroethane	940	U
75-69-4	Trichlorofluoromethane	620	U
75-35-4	1,1-Dichloroethene	310	U
67-64-1	Acetone	620	U
75-15-0	Carbon Disulfide	310	U
75-09-2	Methylene Chloride	620	U
156-60-5	trans-1,2-Dichloroethene	620	U
75-35-3	1,1-Dichloroethane	310	U
108-05-4	Vinyl Acetate	940	U
78-93-3	2-Butanone	940	U
	cis-1,2-Dichloroethene	310	U
67-66-3	Chloroform	310	U
75-55-6	1,1,1-Trichloroethane	310	U
56-23-5	Carbon Tetrachloride	620	U
71-43-2	Benzene	310	U
107-06-2	1,2-Dichloroethane	620	U
79-01-6	Trichloroethene	310	U
78-87-5	1,2-Dichloropropane	310	U
75-27-4	Bromodichloromethane	310	U
110-75-8	2-Chloroethyl vinyl ether	620	U
10061-01-5	cis-1,3-Dichloropropene	310	U
108-10-1	4-Methyl-2-Pentanone	620	U
108-88-3	Toluene	310	U
10061-02-6	trans-1,3-Dichloropropene	620	U
79-00-5	1,1,2-Trichloroethane	620	U
127-18-4	Tetrachloroethene	310	U
591-78-6	2-Hexanone	620	U
126-48-1	Dibromochloromethane	620	U
108-90-7	Chlorobenzene	310	U
100-41-4	Ethylbenzene	620	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-165 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3688 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3688.03

Sample wt/vol: 9.7 (g/ml) G Lab File ID: V04260.D

Level: (low/med) MED Date Received: 06/29/98

% Moisture: not dec. 17.67 Date Analyzed: 07/08/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	940	U
1330-20-7	o-Xylene	620	U
100-42-5	Styrene	620	U
75-25-2	Bromoform	620	U
79-34-5	1,1,2,2-Tetrachloroethane	620	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-165 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3688 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3688.03

Sample wt/vol: 9.7 (g/ml) G Lab File ID: V04260.D

Level: (low/med) MED Date Received: 06/29/98

% Moisture: not dec. 17.67 Date Analyzed: 07/08/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-166 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3688 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3688.07

Sample wt/vol: 10.3 (g/ml) G Lab File ID: V04268.D

Level: (low/med) MED Date Received: 06/29/98

% Moisture: not dec. 12.64 Date Analyzed: 07/09/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3600	U
1634044	Methyl-tert-Butyl ether	840	U
108203	Di-isopropyl ether	560	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	840	U
74-83-9	Bromomethane	560	U
75-00-3	Chloroethane	840	U
75-69-4	Trichlorofluoromethane	560	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	560	U
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	560	U
156-60-5	trans-1,2-Dichloroethene	560	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	840	U
78-93-3	2-Butanone	840	U
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	280	U
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	560	U
71-43-2	Benzene	280	U
107-06-2	1,2-Dichloroethane	560	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	560	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	560	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	560	U
79-00-5	1,1,2-Trichloroethane	560	U
127-18-4	Tetrachloroethene	280	U
591-78-6	2-Hexanone	560	U
126-48-1	Dibromochloromethane	560	U
108-90-7	Chlorobenzene	280	U
100-41-4	Ethylbenzene	560	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-166 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3688 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3688.07

Sample wt/vol: 10.3 (g/ml) G Lab File ID: V04268.D

Level: (low/med) MED Date Received: 06/29/98

% Moisture: not dec. 12.64 Date Analyzed: 07/09/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	840	U
1330-20-7	o-Xylene	560	U
100-42-5	Styrene	560	U
75-25-2	Bromoform	560	U
79-34-5	1,1,2,2-Tetrachloroethane	560	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-166 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3688 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3688.07

Sample wt/vol: 10.3 (g/ml) G Lab File ID: V04268.D

Level: (low/med) MED Date Received: 06/29/98

% Moisture: not dec. 12.64 Date Analyzed: 07/09/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-167 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3688 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3688.10

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04269.D

Level: (low/med) MED Date Received: 06/29/98

% Moisture: not dec. 25.26 Date Analyzed: 07/09/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2300	U
107131	Acrylonitrile	2300	U
75650	tert-Butyl alcohol	4400	U
1634044	Methyl-tert-Butyl ether	1000	U
108203	Di-isopropyl ether	670	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	340	U
75-01-4	Vinyl Chloride	1000	U
74-83-9	Bromomethane	670	U
75-00-3	Chloroethane	1000	U
75-69-4	Trichlorofluoromethane	670	U
75-35-4	1,1-Dichloroethene	340	U
67-64-1	Acetone	670	U
75-15-0	Carbon Disulfide	340	U
75-09-2	Methylene Chloride	670	U
156-60-5	trans-1,2-Dichloroethene	670	U
75-35-3	1,1-Dichloroethane	340	U
108-05-4	Vinyl Acetate	1000	U
78-93-3	2-Butanone	1000	U
	cis-1,2-Dichloroethene	340	U
67-66-3	Chloroform	340	U
75-55-6	1,1,1-Trichloroethane	340	U
56-23-5	Carbon Tetrachloride	670	U
71-43-2	Benzene	340	U
107-06-2	1,2-Dichloroethane	670	U
79-01-6	Trichloroethene	340	U
78-87-5	1,2-Dichloropropane	340	U
75-27-4	Bromodichloromethane	340	U
110-75-8	2-Chloroethyl vinyl ether	670	U
10061-01-5	cis-1,3-Dichloropropene	340	U
108-10-1	4-Methyl-2-Pentanone	670	U
108-88-3	Toluene	340	U
10061-02-6	trans-1,3-Dichloropropene	670	U
79-00-5	1,1,2-Trichloroethane	670	U
127-18-4	Tetrachloroethene	3200	
591-78-6	2-Hexanone	670	U
126-48-1	Dibromochloromethane	670	U
108-90-7	Chlorobenzene	340	U
100-41-4	Ethylbenzene	670	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-167 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3688 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3688.10

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04269.D

Level: (low/med) MED Date Received: 06/29/98

% Moisture: not dec. 25.26 Date Analyzed: 07/09/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	1000	U
1330-20-7	o-Xylene	670	U
100-42-5	Styrene	670	U
75-25-2	Bromoform	670	U
79-34-5	1,1,2,2-Tetrachloroethane	670	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-167 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3688 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3688.10

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04269.D

Level: (low/med) MED Date Received: 06/29/98

% Moisture: not dec. 25.26 Date Analyzed: 07/09/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-168 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3688 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3688.13

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V04270.D

Level: (low/med) MED Date Received: 06/29/98

% Moisture: not dec. 25.04 Date Analyzed: 07/09/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2300	U
107131	Acrylonitrile	2300	U
75650	tert-Butyl alcohol	4300	U
1634044	Methyl-tert-Butyl ether	990	U
108203	Di-isopropyl ether	660	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	330	U
75-01-4	Vinyl Chloride	990	U
74-83-9	Bromomethane	660	U
75-00-3	Chloroethane	990	U
75-69-4	Trichlorofluoromethane	660	U
75-35-4	1,1-Dichloroethene	330	U
67-64-1	Acetone	660	U
75-15-0	Carbon Disulfide	330	U
75-09-2	Methylene Chloride	660	U
156-60-5	trans-1,2-Dichloroethene	660	U
75-35-3	1,1-Dichloroethane	330	U
108-05-4	Vinyl Acetate	990	U
78-93-3	2-Butanone	990	U
	cis-1,2-Dichloroethene	330	U
67-66-3	Chloroform	330	U
75-55-6	1,1,1-Trichloroethane	330	U
56-23-5	Carbon Tetrachloride	660	U
71-43-2	Benzene	330	U
107-06-2	1,2-Dichloroethane	660	U
79-01-6	Trichloroethene	330	U
78-87-5	1,2-Dichloropropane	330	U
75-27-4	Bromodichloromethane	330	U
110-75-8	2-Chloroethyl vinyl ether	660	U
10061-01-5	cis-1,3-Dichloropropene	330	U
108-10-1	4-Methyl-2-Pentanone	660	U
108-88-3	Toluene	330	U
10061-02-6	trans-1,3-Dichloropropene	660	U
79-00-5	1,1,2-Trichloroethane	660	U
127-18-4	Tetrachloroethene	330	U
591-78-6	2-Hexanone	660	U
126-48-1	Dibromochloromethane	660	U
108-90-7	Chlorobenzene	330	U
100-41-4	Ethylbenzene	660	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-168 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3688 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3688.13

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V04270.D

Level: (low/med) MED Date Received: 06/29/98

% Moisture: not dec. 25.04 Date Analyzed: 07/09/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	990	U
1330-20-7	o-Xylene	660	U
100-42-5	Styrene	660	U
75-25-2	Bromoform	660	U
79-34-5	1,1,2,2-Tetrachloroethane	660	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-168 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3688 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3688.13

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V04270.D

Level: (low/med) MED Date Received: 06/29/98

% Moisture: not dec. 25.04 Date Analyzed: 07/09/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-169 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3688 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3688.16

Sample wt/vol: 9.7 (g/ml) G Lab File ID: V04271.D

Level: (low/med) MED Date Received: 06/29/98

% Moisture: not dec. 23.56 Date Analyzed: 07/09/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2400	U
107131	Acrylonitrile	2400	U
75650	tert-Butyl alcohol	4400	U
1634044	Methyl-tert-Butyl ether	1000	U
108203	Di-isopropyl ether	670	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	340	U
75-01-4	Vinyl Chloride	1000	U
74-83-9	Bromomethane	670	U
75-00-3	Chloroethane	1000	U
75-69-4	Trichlorofluoromethane	670	U
75-35-4	1,1-Dichloroethene	340	U
67-64-1	Acetone	670	U
75-15-0	Carbon Disulfide	340	U
75-09-2	Methylene Chloride	670	U
156-60-5	trans-1,2-Dichloroethene	670	U
75-35-3	1,1-Dichloroethane	340	U
108-05-4	Vinyl Acetate	1000	U
78-93-3	2-Butanone	1000	U
	cis-1,2-Dichloroethene	340	U
67-66-3	Chloroform	340	U
75-55-6	1,1,1-Trichloroethane	340	U
56-23-5	Carbon Tetrachloride	670	U
71-43-2	Benzene	340	U
107-06-2	1,2-Dichloroethane	670	U
79-01-6	Trichloroethene	340	U
78-87-5	1,2-Dichloropropane	340	U
75-27-4	Bromodichloromethane	340	U
110-75-8	2-Chloroethyl vinyl ether	670	U
10061-01-5	cis-1,3-Dichloropropene	340	U
108-10-1	4-Methyl-2-Pentanone	670	U
108-88-3	Toluene	340	U
10061-02-6	trans-1,3-Dichloropropene	670	U
79-00-5	1,1,2-Trichloroethane	670	U
127-18-4	Tetrachloroethene	340	U
591-78-6	2-Hexanone	670	U
126-48-1	Dibromochloromethane	670	U
108-90-7	Chlorobenzene	340	U
100-41-4	Ethylbenzene	670	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-169 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3688 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3688.16

Sample wt/vol: 9.7 (g/ml) G Lab File ID: V04271.D

Level: (low/med) MED Date Received: 06/29/98

% Moisture: not dec. 23.56 Date Analyzed: 07/09/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	1000	U
1330-20-7	o-Xylene	670	U
100-42-5	Styrene	670	U
75-25-2	Bromoform	670	U
79-34-5	1,1,2,2-Tetrachloroethane	670	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-169 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3688 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3688.16

Sample wt/vol: 9.7 (g/ml) G Lab File ID: V04271.D

Level: (low/med) MED Date Received: 06/29/98

% Moisture: not dec. 23.56 Date Analyzed: 07/09/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-178 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3722 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3722.13

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V04341.D

Level: (low/med) MED Date Received: 07/13/98

% Moisture: not dec. 3.26 Date Analyzed: 07/20/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3400	U
1634044	Methyl-tert-Butyl ether	780	U
108203	Di-isopropyl ether	520	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	260	U
75-01-4	Vinyl Chloride	780	U
74-83-9	Bromomethane	520	U
75-00-3	Chloroethane	780	U
75-69-4	Trichlorofluoromethane	520	U
75-35-4	1,1-Dichloroethene	260	U
67-64-1	Acetone	520	U
75-15-0	Carbon Disulfide	260	U
75-09-2	Methylene Chloride	520	U
156-60-5	trans-1,2-Dichloroethene	520	U
75-35-3	1,1-Dichloroethane	260	U
108-05-4	Vinyl Acetate	780	U
78-93-3	2-Butanone	780	U
	cis-1,2-Dichloroethene	260	U
67-66-3	Chloroform	260	U
75-55-6	1,1,1-Trichloroethane	260	U
56-23-5	Carbon Tetrachloride	520	U
71-43-2	Benzene	260	U
107-06-2	1,2-Dichloroethane	520	U
79-01-6	Trichloroethene	260	U
78-87-5	1,2-Dichloropropane	260	U
75-27-4	Bromodichloromethane	260	U
110-75-8	2-Chloroethyl vinyl ether	520	U
10061-01-5	cis-1,3-Dichloropropene	260	U
108-10-1	4-Methyl-2-Pentanone	520	U
108-88-3	Toluene	260	U
10061-02-6	trans-1,3-Dichloropropene	520	U
79-00-5	1,1,2-Trichloroethane	520	U
127-18-4	Tetrachloroethene	260	U
591-78-6	2-Hexanone	520	U
126-48-1	Dibromochloromethane	520	U
108-90-7	Chlorobenzene	260	U
100-41-4	Ethylbenzene	520	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-178 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3722 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3722.13

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V04341.D

Level: (low/med) MED Date Received: 07/13/98

% Moisture: not dec. 3.26 Date Analyzed: 07/20/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	780	U
1330-20-7	o-Xylene	520	U
100-42-5	Styrene	520	U
75-25-2	Bromoform	520	U
79-34-5	1,1,2,2-Tetrachloroethane	520	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-178 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3722 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3722.13

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V04341.D

Level: (low/med) MED Date Received: 07/13/98

% Moisture: not dec. 3.26 Date Analyzed: 07/20/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-179 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3722 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3722.16

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V04342.D

Level: (low/med) MED Date Received: 07/13/98

% Moisture: not dec. 8.9 Date Analyzed: 07/20/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3500	U
1634044	Methyl-tert-Butyl ether	810	U
108203	Di-isopropyl ether	540	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	270	U
75-01-4	Vinyl Chloride	810	U
74-83-9	Bromomethane	540	U
75-00-3	Chloroethane	810	U
75-69-4	Trichlorofluoromethane	540	U
75-35-4	1,1-Dichloroethene	270	U
67-64-1	Acetone	540	U
75-15-0	Carbon Disulfide	270	U
75-09-2	Methylene Chloride	540	U
156-60-5	trans-1,2-Dichloroethene	540	U
75-35-3	1,1-Dichloroethane	270	U
108-05-4	Vinyl Acetate	810	U
78-93-3	2-Butanone	810	U
	cis-1,2-Dichloroethene	270	U
67-66-3	Chloroform	270	U
75-55-6	1,1,1-Trichloroethane	270	U
56-23-5	Carbon Tetrachloride	540	U
71-43-2	Benzene	270	U
107-06-2	1,2-Dichloroethane	540	U
79-01-6	Trichloroethene	270	U
78-87-5	1,2-Dichloropropane	270	U
75-27-4	Bromodichloromethane	270	U
110-75-8	2-Chloroethyl vinyl ether	540	U
10061-01-5	cis-1,3-Dichloropropene	270	U
108-10-1	4-Methyl-2-Pentanone	540	U
108-88-3	Toluene	270	U
10061-02-6	trans-1,3-Dichloropropene	540	U
79-00-5	1,1,2-Trichloroethane	540	U
127-18-4	Tetrachloroethene	270	U
591-78-6	2-Hexanone	540	U
126-48-1	Dibromochloromethane	540	U
108-90-7	Chlorobenzene	270	U
100-41-4	Ethylbenzene	540	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-179 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3722 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3722.16

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V04342.D

Level: (low/med) MED Date Received: 07/13/98

% Moisture: not dec. 8.9 Date Analyzed: 07/20/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	810	U
1330-20-7	o-Xylene	540	U
100-42-5	Styrene	540	U
75-25-2	Bromoform	540	U
79-34-5	1,1,2,2-Tetrachloroethane	540	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-179 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3722 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3722.16

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V04342.D

Level: (low/med) MED Date Received: 07/13/98

% Moisture: not dec. 8.9 Date Analyzed: 07/20/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-180 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3722 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3722.19

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V04343.D

Level: (low/med) MED Date Received: 07/13/98

% Moisture: not dec. 4.97 Date Analyzed: 07/20/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND (ug/L or ug/Kg)	UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3400	U
1634044	Methyl-tert-Butyl ether	780	U
108203	Di-isopropyl ether	520	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	260	U
75-01-4	Vinyl Chloride	780	U
74-83-9	Bromomethane	520	U
75-00-3	Chloroethane	780	U
75-69-4	Trichlorofluoromethane	520	U
75-35-4	1,1-Dichloroethene	260	U
67-64-1	Acetone	520	U
75-15-0	Carbon Disulfide	260	U
75-09-2	Methylene Chloride	520	U
156-60-5	trans-1,2-Dichloroethene	520	U
75-35-3	1,1-Dichloroethane	260	U
108-05-4	Vinyl Acetate	780	U
78-93-3	2-Butanone	780	U
	cis-1,2-Dichloroethene	260	U
67-66-3	Chloroform	260	U
75-55-6	1,1,1-Trichloroethane	260	U
56-23-5	Carbon Tetrachloride	520	U
71-43-2	Benzene	260	U
107-06-2	1,2-Dichloroethane	520	U
79-01-6	Trichloroethene	260	U
78-87-5	1,2-Dichloropropane	260	U
75-27-4	Bromodichloromethane	260	U
110-75-8	2-Chloroethyl vinyl ether	520	U
10061-01-5	cis-1,3-Dichloropropene	260	U
108-10-1	4-Methyl-2-Pentanone	520	U
108-88-3	Toluene	260	U
10061-02-6	trans-1,3-Dichloropropene	520	U
79-00-5	1,1,2-Trichloroethane	520	U
127-18-4	Tetrachloroethene	260	U
591-78-6	2-Hexanone	520	U
126-48-1	Dibromochloromethane	520	U
108-90-7	Chlorobenzene	260	U
100-41-4	Ethylbenzene	520	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-180 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3722 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3722.19

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V04343.D

Level: (low/med) MED Date Received: 07/13/98

% Moisture: not dec. 4.97 Date Analyzed: 07/20/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	780	U
1330-20-7	o-Xylene	520	U
100-42-5	Styrene	520	U
75-25-2	Bromoform	520	U
79-34-5	1,1,2,2-Tetrachloroethane	520	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-180 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3722 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3722.19

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V04343.D

Level: (low/med) MED Date Received: 07/13/98

% Moisture: not dec. 4.97 Date Analyzed: 07/20/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-181 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3722 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3722.22

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04344.D

Level: (low/med) MED Date Received: 07/13/98

% Moisture: not dec. 11.04 Date Analyzed: 07/20/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3700	U
1634044	Methyl-tert-Butyl ether	840	U
108203	Di-isopropyl ether	560	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	840	U
74-83-9	Bromomethane	560	U
75-00-3	Chloroethane	840	U
75-69-4	Trichlorofluoromethane	560	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	560	U
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	560	U
156-60-5	trans-1,2-Dichloroethene	560	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	840	U
78-93-3	2-Butanone	840	U
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	280	U
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	560	U
71-43-2	Benzene	280	U
107-06-2	1,2-Dichloroethane	560	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	560	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	560	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	560	U
79-00-5	1,1,2-Trichloroethane	560	U
127-18-4	Tetrachloroethene	280	U
591-78-6	2-Hexanone	560	U
126-48-1	Dibromochloromethane	560	U
108-90-7	Chlorobenzene	280	U
100-41-4	Ethylbenzene	560	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-181 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3722 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3722.22

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04344.D

Level: (low/med) MED Date Received: 07/13/98

% Moisture: not dec. 11.04 Date Analyzed: 07/20/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	840	U
1330-20-7	o-Xylene	560	U
100-42-5	Styrene	560	U
75-25-2	Bromoform	560	U
79-34-5	1,1,2,2-Tetrachloroethane	560	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-181 24"

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3722 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3722.22

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04344.D

Level: (low/med) MED Date Received: 07/13/98

% Moisture: not dec. 11.04 Date Analyzed: 07/20/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-197

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3805 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3805.03

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V04489.D

Level: (low/med) MED Date Received: 08/12/98

% Moisture: not dec. 16.39 Date Analyzed: 08/24/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2100	U
107131	Acrylonitrile	2100	U
75650	tert-Butyl alcohol	3900	U
1634044	Methyl-tert-Butyl ether	900	U
108203	Di-isopropyl ether	600	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	300	U
75-01-4	Vinyl Chloride	900	U
74-83-9	Bromomethane	600	U
75-00-3	Chloroethane	900	U
75-69-4	Trichlorofluoromethane	600	U
75-35-4	1,1-Dichloroethene	300	U
67-64-1	Acetone	600	U
75-15-0	Carbon Disulfide	300	U
75-09-2	Methylene Chloride	600	U
156-60-5	trans-1,2-Dichloroethene	600	U
75-35-3	1,1-Dichloroethane	300	U
108-05-4	Vinyl Acetate	900	U
78-93-3	2-Butanone	900	U
	cis-1,2-Dichloroethene	300	U
67-66-3	Chloroform	300	U
75-55-6	1,1,1-Trichloroethane	300	U
56-23-5	Carbon Tetrachloride	600	U
71-43-2	Benzene	300	U
107-06-2	1,2-Dichloroethane	600	U
79-01-6	Trichloroethene	300	U
78-87-5	1,2-Dichloropropane	300	U
75-27-4	Bromodichloromethane	300	U
110-75-8	2-Chloroethyl vinyl ether	600	U
10061-01-5	cis-1,3-Dichloropropene	300	U
108-10-1	4-Methyl-2-Pentanone	600	U
108-88-3	Toluene	300	U
10061-02-6	trans-1,3-Dichloropropene	600	U
79-00-5	1,1,2-Trichloroethane	600	U
127-18-4	Tetrachloroethene	300	U
591-78-6	2-Hexanone	600	U
126-48-1	Dibromochloromethane	600	U
108-90-7	Chlorobenzene	300	U
100-41-4	Ethylbenzene	600	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-197

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3805 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3805.03

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V04489.D

Level: (low/med) MED Date Received: 08/12/98

% Moisture: not dec. 16.39 Date Analyzed: 08/24/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	900	U
1330-20-7	o-Xylene	600	U
100-42-5	Styrene	600	U
75-25-2	Bromoform	600	U
79-34-5	1,1,2,2-Tetrachloroethane	600	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-197

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3805 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3805.03

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V04489.D

Level: (low/med) MED Date Received: 08/12/98

% Moisture: not dec. 16.39 Date Analyzed: 08/24/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-198

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3805 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3805.05

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V04490.D

Level: (low/med) MED Date Received: 08/12/98

% Moisture: not dec. 44.81 Date Analyzed: 08/24/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	3200	U
107131	Acrylonitrile	3200	U
75650	tert-Butyl alcohol	5900	U
1634044	Methyl-tert-Butyl ether	1400	U
108203	Di-isopropyl ether	910	U
	Dichlorodifluoromethane	1800	U
74-87-3	Chloromethane	460	U
75-01-4	Vinyl Chloride	1400	U
74-83-9	Bromomethane	910	U
75-00-3	Chloroethane	1400	U
75-69-4	Trichlorofluoromethane	910	U
75-35-4	1,1-Dichloroethene	460	U
67-64-1	Acetone	910	U
75-15-0	Carbon Disulfide	460	U
75-09-2	Methylene Chloride	910	U
156-60-5	trans-1,2-Dichloroethene	910	U
75-35-3	1,1-Dichloroethane	460	U
108-05-4	Vinyl Acetate	1400	U
78-93-3	2-Butanone	1400	U
	cis-1,2-Dichloroethene	460	U
67-66-3	Chloroform	460	U
75-55-6	1,1,1-Trichloroethane	460	U
56-23-5	Carbon Tetrachloride	910	U
71-43-2	Benzene	460	U
107-06-2	1,2-Dichloroethane	910	U
79-01-6	Trichloroethene	460	U
78-87-5	1,2-Dichloropropane	460	U
75-27-4	Bromodichloromethane	460	U
110-75-8	2-Chloroethyl vinyl ether	910	U
10061-01-5	cis-1,3-Dichloropropene	460	U
108-10-1	4-Methyl-2-Pentanone	910	U
108-88-3	Toluene	460	U
10061-02-6	trans-1,3-Dichloropropene	910	U
79-00-5	1,1,2-Trichloroethane	910	U
127-18-4	Tetrachloroethene	460	U
591-78-6	2-Hexanone	910	U
126-48-1	Dibromochloromethane	910	U
108-90-7	Chlorobenzene	460	U
100-41-4	Ethylbenzene	910	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-198

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3805 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3805.05

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V04490.D

Level: (low/med) MED Date Received: 08/12/98

% Moisture: not dec. 44.81 Date Analyzed: 08/24/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	1400	U
1330-20-7	o-Xylene	910	U
100-42-5	Styrene	910	U
75-25-2	Bromoform	910	U
79-34-5	1,1,2,2-Tetrachloroethane	910	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-198

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3805 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3805.05

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V04490.D

Level: (low/med) MED Date Received: 08/12/98

% Moisture: not dec. 44.81 Date Analyzed: 08/24/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-199

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3805 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3805.07

Sample wt/vol: 10.3 (g/ml) G Lab File ID: V04491.D

Level: (low/med) MED Date Received: 08/12/98

% Moisture: not dec. 18.32 Date Analyzed: 08/24/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND (ug/L or ug/Kg)	UG/KG	Q
107028	Acrolein	2100	U
107131	Acrylonitrile	2100	U
75650	tert-Butyl alcohol	3900	U
1634044	Methyl-tert-Butyl ether	890	U
108203	Di-isopropyl ether	600	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	300	U
75-01-4	Vinyl Chloride	890	U
74-83-9	Bromomethane	600	U
75-00-3	Chloroethane	890	U
75-69-4	Trichlorofluoromethane	600	U
75-35-4	1,1-Dichloroethene	300	U
67-64-1	Acetone	600	U
75-15-0	Carbon Disulfide	300	U
75-09-2	Methylene Chloride	600	U
156-60-5	trans-1,2-Dichloroethene	600	U
75-35-3	1,1-Dichloroethane	300	U
108-05-4	Vinyl Acetate	890	U
78-93-3	2-Butanone	890	U
	cis-1,2-Dichloroethene	300	U
67-66-3	Chloroform	300	U
75-55-6	1,1,1-Trichloroethane	300	U
56-23-5	Carbon Tetrachloride	600	U
71-43-2	Benzene	300	U
107-06-2	1,2-Dichloroethane	600	U
79-01-6	Trichloroethene	300	U
78-87-5	1,2-Dichloropropane	300	U
75-27-4	Bromodichloromethane	300	U
110-75-8	2-Chloroethyl vinyl ether	600	U
10061-01-5	cis-1,3-Dichloropropene	300	U
108-10-1	4-Methyl-2-Pentanone	600	U
108-88-3	Toluene	300	U
10061-02-6	trans-1,3-Dichloropropene	600	U
79-00-5	1,1,2-Trichloroethane	600	U
127-18-4	Tetrachloroethene	300	U
591-78-6	2-Hexanone	600	U
126-48-1	Dibromochloromethane	600	U
108-90-7	Chlorobenzene	300	U
100-41-4	Ethylbenzene	600	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-199

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3805 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3805.07

Sample wt/vol: 10.3 (g/ml) G Lab File ID: V04491.D

Level: (low/med) MED Date Received: 08/12/98

% Moisture: not dec. 18.32 Date Analyzed: 08/24/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	890	U
1330-20-7	o-Xylene	600	U
100-42-5	Styrene	600	U
75-25-2	Bromoform	600	U
79-34-5	1,1,2,2-Tetrachloroethane	600	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-199

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3805 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3805.07

Sample wt/vol: 10.3 (g/ml) G Lab File ID: V04491.D

Level: (low/med) MED Date Received: 08/12/98

% Moisture: not dec. 18.32 Date Analyzed: 08/24/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-200

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3805 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3805.09

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V04492.D

Level: (low/med) MED Date Received: 08/12/98

% Moisture: not dec. 31.68 Date Analyzed: 08/24/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2600	U
107131	Acrylonitrile	2600	U
75650	tert-Butyl alcohol	4800	U
1634044	Methyl-tert-Butyl ether	1100	U
108203	Di-isopropyl ether	740	U
	Dichlorodifluoromethane	1500	U
74-87-3	Chloromethane	370	U
75-01-4	Vinyl Chloride	1100	U
74-83-9	Bromomethane	740	U
75-00-3	Chloroethane	1100	U
75-69-4	Trichlorofluoromethane	740	U
75-35-4	1,1-Dichloroethene	370	U
67-64-1	Acetone	740	U
75-15-0	Carbon Disulfide	370	U
75-09-2	Methylene Chloride	740	U
156-60-5	trans-1,2-Dichloroethene	740	U
75-35-3	1,1-Dichloroethane	370	U
108-05-4	Vinyl Acetate	1100	U
78-93-3	2-Butanone	1100	U
	cis-1,2-Dichloroethene	370	U
67-66-3	Chloroform	370	U
75-55-6	1,1,1-Trichloroethane	370	U
56-23-5	Carbon Tetrachloride	740	U
71-43-2	Benzene	370	U
107-06-2	1,2-Dichloroethane	740	U
79-01-6	Trichloroethene	370	U
78-87-5	1,2-Dichloropropane	370	U
75-27-4	Bromodichloromethane	370	U
110-75-8	2-Chloroethyl vinyl ether	740	U
10061-01-5	cis-1,3-Dichloropropene	370	U
108-10-1	4-Methyl-2-Pentanone	740	U
108-88-3	Toluene	370	U
10061-02-6	trans-1,3-Dichloropropene	740	U
79-00-5	1,1,2-Trichloroethane	740	U
127-18-4	Tetrachloroethene	370	U
591-78-6	2-Hexanone	740	U
126-48-1	Dibromochloromethane	740	U
108-90-7	Chlorobenzene	370	U
100-41-4	Ethylbenzene	740	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-200

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3805 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3805.09

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V04492.D

Level: (low/med) MED Date Received: 08/12/98

% Moisture: not dec. 31.68 Date Analyzed: 08/24/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	1100	U
1330-20-7	o-Xylene	740	U
100-42-5	Styrene	740	U
75-25-2	Bromoform	740	U
79-34-5	1,1,2,2-Tetrachloroethane	740	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-200

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3805 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3805.09

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V04492.D

Level: (low/med) MED Date Received: 08/12/98

% Moisture: not dec. 31.68 Date Analyzed: 08/24/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-201

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3805 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3805.11

Sample wt/vol: 9.7 (g/ml) G Lab File ID: V04493.D

Level: (low/med) MED Date Received: 08/12/98

% Moisture: not dec. 22.55 Date Analyzed: 08/24/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2300	U
107131	Acrylonitrile	2300	U
75650	tert-Butyl alcohol	4300	U
1634044	Methyl-tert-Butyl ether	990	U
108203	Di-isopropyl ether	660	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	330	U
75-01-4	Vinyl Chloride	990	U
74-83-9	Bromomethane	660	U
75-00-3	Chloroethane	990	U
75-69-4	Trichlorofluoromethane	660	U
75-35-4	1,1-Dichloroethene	330	U
67-64-1	Acetone	660	U
75-15-0	Carbon Disulfide	330	U
75-09-2	Methylene Chloride	660	U
156-60-5	trans-1,2-Dichloroethene	660	U
75-35-3	1,1-Dichloroethane	330	U
108-05-4	Vinyl Acetate	990	U
78-93-3	2-Butanone	990	U
	cis-1,2-Dichloroethene	330	U
67-66-3	Chloroform	330	U
75-55-6	1,1,1-Trichloroethane	330	U
56-23-5	Carbon Tetrachloride	660	U
71-43-2	Benzene	330	U
107-06-2	1,2-Dichloroethane	660	U
79-01-6	Trichloroethene	330	U
78-87-5	1,2-Dichloropropane	330	U
75-27-4	Bromodichloromethane	330	U
110-75-8	2-Chloroethyl vinyl ether	660	U
10061-01-5	cis-1,3-Dichloropropene	330	U
108-10-1	4-Methyl-2-Pentanone	660	U
108-88-3	Toluene	330	U
10061-02-6	trans-1,3-Dichloropropene	660	U
79-00-5	1,1,2-Trichloroethane	660	U
127-18-4	Tetrachloroethene	330	U
591-78-6	2-Hexanone	660	U
126-48-1	Dibromochloromethane	660	U
108-90-7	Chlorobenzene	330	U
100-41-4	Ethylbenzene	660	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-201

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3805 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3805.11

Sample wt/vol: 9.7 (g/ml) G Lab File ID: V04493.D

Level: (low/med) MED Date Received: 08/12/98

% Moisture: not dec. 22.55 Date Analyzed: 08/24/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	990	U
1330-20-7	o-Xylene	660	U
100-42-5	Styrene	660	U
75-25-2	Bromoform	660	U
79-34-5	1,1,2,2-Tetrachloroethane	660	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-201

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3805 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3805.11

Sample wt/vol: 9.7 (g/ml) G Lab File ID: V04493.D

Level: (low/med) MED Date Received: 08/12/98

% Moisture: not dec. 22.55 Date Analyzed: 08/24/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-202

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3805 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3805.13

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V04494.D

Level: (low/med) MED Date Received: 08/12/98

% Moisture: not dec. 14.31 Date Analyzed: 08/24/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2100	U
107131	Acrylonitrile	2100	U
75650	tert-Butyl alcohol	3800	U
1634044	Methyl-tert-Butyl ether	880	U
108203	Di-isopropyl ether	590	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	290	U
75-01-4	Vinyl Chloride	880	U
74-83-9	Bromomethane	590	U
75-00-3	Chloroethane	880	U
75-69-4	Trichlorofluoromethane	590	U
75-35-4	1,1-Dichloroethene	290	U
67-64-1	Acetone	590	U
75-15-0	Carbon Disulfide	290	U
75-09-2	Methylene Chloride	590	U
156-60-5	trans-1,2-Dichloroethene	590	U
75-35-3	1,1-Dichloroethane	290	U
108-05-4	Vinyl Acetate	880	U
78-93-3	2-Butanone	880	U
	cis-1,2-Dichloroethene	290	U
67-66-3	Chloroform	290	U
75-55-6	1,1,1-Trichloroethane	290	U
56-23-5	Carbon Tetrachloride	590	U
71-43-2	Benzene	290	U
107-06-2	1,2-Dichloroethane	590	U
79-01-6	Trichloroethene	290	U
78-87-5	1,2-Dichloropropane	290	U
75-27-4	Bromodichloromethane	290	U
110-75-8	2-Chloroethyl vinyl ether	590	U
10061-01-5	cis-1,3-Dichloropropene	290	U
108-10-1	4-Methyl-2-Pentanone	590	U
108-88-3	Toluene	290	U
10061-02-6	trans-1,3-Dichloropropene	590	U
79-00-5	1,1,2-Trichloroethane	590	U
127-18-4	Tetrachloroethene	290	U
591-78-6	2-Hexanone	590	U
126-48-1	Dibromochloromethane	590	U
108-90-7	Chlorobenzene	290	U
100-41-4	Ethylbenzene	590	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-202

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3805 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3805.13

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V04494.D

Level: (low/med) MED Date Received: 08/12/98

% Moisture: not dec. 14.31 Date Analyzed: 08/24/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	880	U
1330-20-7	o-Xylene	590	U
100-42-5	Styrene	590	U
75-25-2	Bromoform	590	U
79-34-5	1,1,2,2-Tetrachloroethane	590	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-202

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3805 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3805.13

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V04494.D

Level: (low/med) MED Date Received: 08/12/98

% Moisture: not dec. 14.31 Date Analyzed: 08/24/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-203

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3805 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3805.15

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04495.D

Level: (low/med) MED Date Received: 08/12/98

% Moisture: not dec. 10.84 Date Analyzed: 08/24/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND (ug/L or ug/Kg) UG/KG		Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3600	U
1634044	Methyl-tert-Butyl ether	840	U
108203	Di-isopropyl ether	560	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	840	U
74-83-9	Bromomethane	560	U
75-00-3	Chloroethane	840	U
75-69-4	Trichlorofluoromethane	560	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	560	U
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	560	U
156-60-5	trans-1,2-Dichloroethene	560	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	840	U
78-93-3	2-Butanone	840	U
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	280	U
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	560	U
71-43-2	Benzene	280	U
107-06-2	1,2-Dichloroethane	560	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	560	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	560	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	560	U
79-00-5	1,1,2-Trichloroethane	560	U
127-18-4	Tetrachloroethene	780	
591-78-6	2-Hexanone	560	U
126-48-1	Dibromochloromethane	560	U
108-90-7	Chlorobenzene	280	U
100-41-4	Ethylbenzene	560	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-203

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3805 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3805.15

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04495.D

Level: (low/med) MED Date Received: 08/12/98

% Moisture: not dec. 10.84 Date Analyzed: 08/24/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	840	U
1330-20-7	o-Xylene	560	U
100-42-5	Styrene	560	U
75-25-2	Bromoform	560	U
79-34-5	1,1,2,2-Tetrachloroethane	560	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-203

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3805 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3805.15

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04495.D

Level: (low/med) MED Date Received: 08/12/98

% Moisture: not dec. 10.84 Date Analyzed: 08/24/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-204

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3805 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3805.17

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V04496.D

Level: (low/med) MED Date Received: 08/12/98

% Moisture: not dec. 25.76 Date Analyzed: 08/24/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2400	U
107131	Acrylonitrile	2400	U
75650	tert-Butyl alcohol	4400	U
1634044	Methyl-tert-Butyl ether	1000	U
108203	Di-isopropyl ether	680	U
	Dichlorodifluoromethane	1400	U
74-87-3	Chloromethane	340	U
75-01-4	Vinyl Chloride	1000	U
74-83-9	Bromomethane	680	U
75-00-3	Chloroethane	1000	U
75-69-4	Trichlorofluoromethane	680	U
75-35-4	1,1-Dichloroethene	340	U
67-64-1	Acetone	680	U
75-15-0	Carbon Disulfide	340	U
75-09-2	Methylene Chloride	680	U
156-60-5	trans-1,2-Dichloroethene	680	U
75-35-3	1,1-Dichloroethane	340	U
108-05-4	Vinyl Acetate	1000	U
78-93-3	2-Butanone	1000	U
	cis-1,2-Dichloroethene	340	U
67-66-3	Chloroform	340	U
75-55-6	1,1,1-Trichloroethane	340	U
56-23-5	Carbon Tetrachloride	680	U
71-43-2	Benzene	340	U
107-06-2	1,2-Dichloroethane	680	U
79-01-6	Trichloroethene	340	U
78-87-5	1,2-Dichloropropane	340	U
75-27-4	Bromodichloromethane	340	U
110-75-8	2-Chloroethyl vinyl ether	680	U
10061-01-5	cis-1,3-Dichloropropene	340	U
108-10-1	4-Methyl-2-Pentanone	680	U
108-88-3	Toluene	340	U
10061-02-6	trans-1,3-Dichloropropene	680	U
79-00-5	1,1,2-Trichloroethane	680	U
127-18-4	Tetrachloroethene	340	U
591-78-6	2-Hexanone	680	U
126-48-1	Dibromochloromethane	680	U
108-90-7	Chlorobenzene	340	U
100-41-4	Ethylbenzene	680	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-204

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3805 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3805.17

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V04496.D

Level: (low/med) MED Date Received: 08/12/98

% Moisture: not dec. 25.76 Date Analyzed: 08/24/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	1000	U
1330-20-7	o-Xylene	680	U
100-42-5	Styrene	680	U
75-25-2	Bromoform	680	U
79-34-5	1,1,2,2-Tetrachloroethane	680	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-204

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3805 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3805.17

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V04496.D

Level: (low/med) MED Date Received: 08/12/98

% Moisture: not dec. 25.76 Date Analyzed: 08/24/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-205

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3805 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3805.19

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V04497.D

Level: (low/med) MED Date Received: 08/12/98

% Moisture: not dec. 22.86 Date Analyzed: 08/24/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2200	U
107131	Acrylonitrile	2200	U
75650	tert-Butyl alcohol	4100	U
1634044	Methyl-tert-Butyl ether	960	U
108203	Di-isopropyl ether	640	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	320	U
75-01-4	Vinyl Chloride	960	U
74-83-9	Bromomethane	640	U
75-00-3	Chloroethane	960	U
75-69-4	Trichlorofluoromethane	640	U
75-35-4	1,1-Dichloroethene	320	U
67-64-1	Acetone	640	U
75-15-0	Carbon Disulfide	320	U
75-09-2	Methylene Chloride	640	U
156-60-5	trans-1,2-Dichloroethene	640	U
75-35-3	1,1-Dichloroethane	320	U
108-05-4	Vinyl Acetate	960	U
78-93-3	2-Butanone	960	U
	cis-1,2-Dichloroethene	320	U
67-66-3	Chloroform	320	U
75-55-6	1,1,1-Trichloroethane	320	U
56-23-5	Carbon Tetrachloride	640	U
71-43-2	Benzene	320	U
107-06-2	1,2-Dichloroethane	640	U
79-01-6	Trichloroethene	320	U
78-87-5	1,2-Dichloropropane	320	U
75-27-4	Bromodichloromethane	320	U
110-75-8	2-Chloroethyl vinyl ether	640	U
10061-01-5	cis-1,3-Dichloropropene	320	U
108-10-1	4-Methyl-2-Pentanone	640	U
108-88-3	Toluene	320	U
10061-02-6	trans-1,3-Dichloropropene	640	U
79-00-5	1,1,2-Trichloroethane	640	U
127-18-4	Tetrachloroethene	320	U
591-78-6	2-Hexanone	640	U
126-48-1	Dibromochloromethane	640	U
108-90-7	Chlorobenzene	320	U
100-41-4	Ethylbenzene	640	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-205

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3805 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3805.19

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V04497.D

Level: (low/med) MED Date Received: 08/12/98

% Moisture: not dec. 22.86 Date Analyzed: 08/24/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	960	U
1330-20-7	o-Xylene	640	U
100-42-5	Styrene	640	U
75-25-2	Bromoform	640	U
79-34-5	1,1,2,2-Tetrachloroethane	640	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-205

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3805 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3805.19

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V04497.D

Level: (low/med) MED Date Received: 08/12/98

% Moisture: not dec. 22.86 Date Analyzed: 08/24/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-206

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3805 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3805.21

Sample wt/vol: 10.3 (g/ml) G Lab File ID: V04498.D

Level: (low/med) MED Date Received: 08/12/98

% Moisture: not dec. 15.27 Date Analyzed: 08/24/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3700	U
1634044	Methyl-tert-Butyl ether	860	U
108203	Di-isopropyl ether	580	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	290	U
75-01-4	Vinyl Chloride	860	U
74-83-9	Bromomethane	580	U
75-00-3	Chloroethane	860	U
75-69-4	Trichlorofluoromethane	580	U
75-35-4	1,1-Dichloroethene	290	U
67-64-1	Acetone	580	U
75-15-0	Carbon Disulfide	290	U
75-09-2	Methylene Chloride	580	U
156-60-5	trans-1,2-Dichloroethene	580	U
75-35-3	1,1-Dichloroethane	290	U
108-05-4	Vinyl Acetate	860	U
78-93-3	2-Butanone	860	U
	cis-1,2-Dichloroethene	290	U
67-66-3	Chloroform	290	U
75-55-6	1,1,1-Trichloroethane	290	U
56-23-5	Carbon Tetrachloride	580	U
71-43-2	Benzene	290	U
107-06-2	1,2-Dichloroethane	580	U
79-01-6	Trichloroethene	290	U
78-87-5	1,2-Dichloropropane	290	U
75-27-4	Bromodichloromethane	290	U
110-75-8	2-Chloroethyl vinyl ether	580	U
10061-01-5	cis-1,3-Dichloropropene	290	U
108-10-1	4-Methyl-2-Pentanone	580	U
108-88-3	Toluene	290	U
10061-02-6	trans-1,3-Dichloropropene	580	U
79-00-5	1,1,2-Trichloroethane	580	U
127-18-4	Tetrachloroethene	290	U
591-78-6	2-Hexanone	580	U
126-48-1	Dibromochloromethane	580	U
108-90-7	Chlorobenzene	290	U
100-41-4	Ethylbenzene	580	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-206

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3805 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3805.21

Sample wt/vol: 10.3 (g/ml) G Lab File ID: V04498.D

Level: (low/med) MED Date Received: 08/12/98

% Moisture: not dec. 15.27 Date Analyzed: 08/24/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	860	U
1330-20-7	o-Xylene	580	U
100-42-5	Styrene	580	U
75-25-2	Bromoform	580	U
79-34-5	1,1,2,2-Tetrachloroethane	580	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-206

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3805 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3805.21

Sample wt/vol: 10.3 (g/ml) G Lab File ID: V04498.D

Level: (low/med) MED Date Received: 08/12/98

% Moisture: not dec. 15.27 Date Analyzed: 08/24/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-207

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3805 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3805.23

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V04499.D

Level: (low/med) MED Date Received: 08/12/98

% Moisture: not dec. 21.85 Date Analyzed: 08/24/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2200	U
107131	Acrylonitrile	2200	U
75650	tert-Butyl alcohol	4100	U
1634044	Methyl-tert-Butyl ether	940	U
108203	Di-isopropyl ether	630	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	310	U
75-01-4	Vinyl Chloride	940	U
74-83-9	Bromomethane	630	U
75-00-3	Chloroethane	940	U
75-69-4	Trichlorofluoromethane	630	U
75-35-4	1,1-Dichloroethene	310	U
67-64-1	Acetone	630	U
75-15-0	Carbon Disulfide	310	U
75-09-2	Methylene Chloride	630	U
156-60-5	trans-1,2-Dichloroethene	630	U
75-35-3	1,1-Dichloroethane	310	U
108-05-4	Vinyl Acetate	940	U
78-93-3	2-Butanone	940	U
	cis-1,2-Dichloroethene	310	U
67-66-3	Chloroform	310	U
75-55-6	1,1,1-Trichloroethane	310	U
56-23-5	Carbon Tetrachloride	630	U
71-43-2	Benzene	310	U
107-06-2	1,2-Dichloroethane	630	U
79-01-6	Trichloroethene	310	U
78-87-5	1,2-Dichloropropane	310	U
75-27-4	Bromodichloromethane	310	U
110-75-8	2-Chloroethyl vinyl ether	630	U
10061-01-5	cis-1,3-Dichloropropene	310	U
108-10-1	4-Methyl-2-Pentanone	630	U
108-88-3	Toluene	310	U
10061-02-6	trans-1,3-Dichloropropene	630	U
79-00-5	1,1,2-Trichloroethane	630	U
127-18-4	Tetrachloroethene	310	U
591-78-6	2-Hexanone	630	U
126-48-1	Dibromochloromethane	630	U
108-90-7	Chlorobenzene	310	U
100-41-4	Ethylbenzene	630	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-207

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3805 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3805.23

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V04499.D

Level: (low/med) MED Date Received: 08/12/98

% Moisture: not dec. 21.85 Date Analyzed: 08/24/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	940	U
1330-20-7	o-Xylene	630	U
100-42-5	Styrene	630	U
75-25-2	Bromoform	630	U
79-34-5	1,1,2,2-Tetrachloroethane	630	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-207

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3805 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3805.23

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V04499.D

Level: (low/med) MED Date Received: 08/12/98

% Moisture: not dec. 21.85 Date Analyzed: 08/24/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-208

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3805 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3805.25

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V04500.D

Level: (low/med) MED Date Received: 08/12/98

% Moisture: not dec. 21.02 Date Analyzed: 08/24/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2300	U
107131	Acrylonitrile	2300	U
75650	tert-Butyl alcohol	4200	U
1634044	Methyl-tert-Butyl ether	970	U
108203	Di-isopropyl ether	650	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	320	U
75-01-4	Vinyl Chloride	970	U
74-83-9	Bromomethane	650	U
75-00-3	Chloroethane	970	U
75-69-4	Trichlorofluoromethane	650	U
75-35-4	1,1-Dichloroethene	320	U
67-64-1	Acetone	650	U
75-15-0	Carbon Disulfide	320	U
75-09-2	Methylene Chloride	650	U
156-60-5	trans-1,2-Dichloroethene	650	U
75-35-3	1,1-Dichloroethane	320	U
108-05-4	Vinyl Acetate	970	U
78-93-3	2-Butanone	970	U
	cis-1,2-Dichloroethene	320	U
67-66-3	Chloroform	320	U
75-55-6	1,1,1-Trichloroethane	320	U
56-23-5	Carbon Tetrachloride	650	U
71-43-2	Benzene	320	U
107-06-2	1,2-Dichloroethane	650	U
79-01-6	Trichloroethene	320	U
78-87-5	1,2-Dichloropropane	320	U
75-27-4	Bromodichloromethane	320	U
110-75-8	2-Chloroethyl vinyl ether	650	U
10061-01-5	cis-1,3-Dichloropropene	320	U
108-10-1	4-Methyl-2-Pentanone	650	U
108-88-3	Toluene	320	U
10061-02-6	trans-1,3-Dichloropropene	650	U
79-00-5	1,1,2-Trichloroethane	650	U
127-18-4	Tetrachloroethene	320	U
591-78-6	2-Hexanone	650	U
126-48-1	Dibromochloromethane	650	U
108-90-7	Chlorobenzene	320	U
100-41-4	Ethylbenzene	650	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-208

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3805 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3805.25

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V04500.D

Level: (low/med) MED Date Received: 08/12/98

% Moisture: not dec. 21.02 Date Analyzed: 08/24/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	970	U
1330-20-7	o-Xylene	650	U
100-42-5	Styrene	650	U
75-25-2	Bromoform	650	U
79-34-5	1,1,2,2-Tetrachloroethane	650	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-208

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3805 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3805.25

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V04500.D

Level: (low/med) MED Date Received: 08/12/98

% Moisture: not dec. 21.02 Date Analyzed: 08/24/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-209

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3805 SDG No: Location: M-5

Matrix (soil/water) SOIL Lab Sample ID: 3805.27

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VB01305.D

Level: (low/med) MED Date Received: 08/12/98

% Moisture: not dec. 3.55 Date Analyzed: 08/24/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3300	U
1634044	Methyl-tert-Butyl ether	760	U
108203	Di-isopropyl ether	510	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	760	U
74-83-9	Bromomethane	510	U
75-00-3	Chloroethane	760	U
75-69-4	Trichlorofluoromethane	510	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	510	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	510	U
156-60-5	trans-1,2-Dichloroethene	510	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	760	U
78-93-3	2-Butanone	760	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	450	
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	510	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	510	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	510	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	510	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	510	U
79-00-5	1,1,2-Trichloroethane	510	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	510	U
126-48-1	Dibromochloromethane	510	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	510	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-209

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3805 SDG No: Location: M-5

Matrix (soil/water) SOIL Lab Sample ID: 3805.27

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VB01305.D

Level: (low/med) MED Date Received: 08/12/98

% Moisture: not dec. 3.55 Date Analyzed: 08/24/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND (ug/L or ug/Kg)	UG/KG	Q
1330-20-7	m+p-Xylenes	760	U
1330-20-7	o-Xylene	510	U
100-42-5	Styrene	510	U
75-25-2	Bromoform	510	U
79-34-5	1,1,2,2-Tetrachloroethane	510	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-209

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3805 SDG No: _____ Location: M-5

Matrix (soil/water) SOIL Lab Sample ID: 3805.27

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VB01305.D

Level: (low/med) MED Date Received: 08/12/98

% Moisture: not dec. 3.55 Date Analyzed: 08/24/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-210

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3805 SDG No: _____ Location: M-5

Matrix (soil/water) SOIL Lab Sample ID: 3805.29

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VB01306.D

Level: (low/med) MED Date Received: 08/12/98

% Moisture: not dec. 16.21 Date Analyzed: 08/24/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3800	U
1634044	Methyl-tert-Butyl ether	870	U
108203	Di-isopropyl ether	580	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	290	U
75-01-4	Vinyl Chloride	870	U
74-83-9	Bromomethane	580	U
75-00-3	Chloroethane	870	U
75-69-4	Trichlorofluoromethane	580	U
75-35-4	1,1-Dichloroethene	290	U
67-64-1	Acetone	580	U
75-15-0	Carbon Disulfide	290	U
75-09-2	Methylene Chloride	580	U
156-60-5	trans-1,2-Dichloroethene	580	U
75-35-3	1,1-Dichloroethane	290	U
108-05-4	Vinyl Acetate	870	U
78-93-3	2-Butanone	870	U
	cis-1,2-Dichloroethene	290	U
67-66-3	Chloroform	490	
75-55-6	1,1,1-Trichloroethane	290	U
56-23-5	Carbon Tetrachloride	580	U
71-43-2	Benzene	290	U
107-06-2	1,2-Dichloroethane	580	U
79-01-6	Trichloroethene	290	U
78-87-5	1,2-Dichloropropane	290	U
75-27-4	Bromodichloromethane	290	U
110-75-8	2-Chloroethyl vinyl ether	580	U
10061-01-5	cis-1,3-Dichloropropene	290	U
108-10-1	4-Methyl-2-Pentanone	580	U
108-88-3	Toluene	290	U
10061-02-6	trans-1,3-Dichloropropene	580	U
79-00-5	1,1,2-Trichloroethane	580	U
127-18-4	Tetrachloroethene	290	U
591-78-6	2-Hexanone	580	U
126-48-1	Dibromochloromethane	580	U
108-90-7	Chlorobenzene	290	U
100-41-4	Ethylbenzene	580	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-210

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3805 SDG No: _____ Location: M-5

Matrix (soil/water) SOIL Lab Sample ID: 3805.29

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VB01306.D

Level: (low/med) MED Date Received: 08/12/98

% Moisture: not dec. 16.21 Date Analyzed: 08/24/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	870	U
1330-20-7	o-Xylene	580	U
100-42-5	Styrene	580	U
75-25-2	Bromoform	580	U
79-34-5	1,1,2,2-Tetrachloroethane	580	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-210

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3805 SDG No: _____ Location: M-5

Matrix (soil/water) SOIL Lab Sample ID: 3805.29

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VB01306.D

Level: (low/med) MED Date Received: 08/12/98

% Moisture: not dec. 16.21 Date Analyzed: 08/24/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-211

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3805 SDG No: Location: M-5

Matrix (soil/water) SOIL Lab Sample ID: 3805.31

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB01307.D

Level: (low/med) MED Date Received: 08/12/98

% Moisture: not dec. 23.58 Date Analyzed: 08/24/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2300	U
107131	Acrylonitrile	2300	U
75650	tert-Butyl alcohol	4300	U
1634044	Methyl-tert-Butyl ether	990	U
108203	Di-isopropyl ether	660	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	330	U
75-01-4	Vinyl Chloride	990	U
74-83-9	Bromomethane	660	U
75-00-3	Chloroethane	990	U
75-69-4	Trichlorofluoromethane	660	U
75-35-4	1,1-Dichloroethene	330	U
67-64-1	Acetone	660	U
75-15-0	Carbon Disulfide	330	U
75-09-2	Methylene Chloride	660	U
156-60-5	trans-1,2-Dichloroethene	660	U
75-35-3	1,1-Dichloroethane	330	U
108-05-4	Vinyl Acetate	990	U
78-93-3	2-Butanone	990	U
	cis-1,2-Dichloroethene	330	U
67-66-3	Chloroform	550	
75-55-6	1,1,1-Trichloroethane	330	U
56-23-5	Carbon Tetrachloride	660	U
71-43-2	Benzene	330	U
107-06-2	1,2-Dichloroethane	660	U
79-01-6	Trichloroethene	330	U
78-87-5	1,2-Dichloropropane	330	U
75-27-4	Bromodichloromethane	330	U
110-75-8	2-Chloroethyl vinyl ether	660	U
10061-01-5	cis-1,3-Dichloropropene	330	U
108-10-1	4-Methyl-2-Pentanone	660	U
108-88-3	Toluene	330	U
10061-02-6	trans-1,3-Dichloropropene	660	U
79-00-5	1,1,2-Trichloroethane	660	U
127-18-4	Tetrachloroethene	330	U
591-78-6	2-Hexanone	660	U
126-48-1	Dibromochloromethane	660	U
108-90-7	Chlorobenzene	330	U
100-41-4	Ethylbenzene	660	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-211

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3805 SDG No: Location: M-5

Matrix (soil/water) SOIL Lab Sample ID: 3805.31

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB01307.D

Level: (low/med) MED Date Received: 08/12/98

% Moisture: not dec. 23.58 Date Analyzed: 08/24/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	990	U
1330-20-7	o-Xylene	660	U
100-42-5	Styrene	660	U
75-25-2	Bromoform	660	U
79-34-5	1,1,2,2-Tetrachloroethane	660	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-211

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3805 SDG No: _____ Location: M-5

Matrix (soil/water) SOIL Lab Sample ID: 3805.31

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB01307.D

Level: (low/med) MED Date Received: 08/12/98

% Moisture: not dec. 23.58 Date Analyzed: 08/24/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-212 24"

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3809 SDG No: Location: M-5

Matrix (soil/water) SOIL Lab Sample ID: 3809.03

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB01312.D

Level: (low/med) MED Date Received: 08/13/98

% Moisture: not dec. 28.95 Date Analyzed: 08/24/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2500	U
107131	Acrylonitrile	2500	U
75650	tert-Butyl alcohol	4600	U
1634044	Methyl-tert-Butyl ether	1100	U
108203	Di-isopropyl ether	710	U
	Dichlorodifluoromethane	1400	U
74-87-3	Chloromethane	350	U
75-01-4	Vinyl Chloride	1100	U
74-83-9	Bromomethane	710	U
75-00-3	Chloroethane	1100	U
75-69-4	Trichlorofluoromethane	710	U
75-35-4	1,1-Dichloroethene	350	U
67-64-1	Acetone	710	U
75-15-0	Carbon Disulfide	350	U
75-09-2	Methylene Chloride	710	U
156-60-5	trans-1,2-Dichloroethene	710	U
75-35-3	1,1-Dichloroethane	350	U
108-05-4	Vinyl Acetate	1100	U
78-93-3	2-Butanone	1100	U
	cis-1,2-Dichloroethene	350	U
67-66-3	Chloroform	460	
75-55-6	1,1,1-Trichloroethane	350	U
56-23-5	Carbon Tetrachloride	710	U
71-43-2	Benzene	350	U
107-06-2	1,2-Dichloroethane	710	U
79-01-6	Trichloroethene	350	U
78-87-5	1,2-Dichloropropane	350	U
75-27-4	Bromodichloromethane	350	U
~~110-75-8~~	~~2-Chloroethyl vinyl ether~~	710	U
10061-01-5	cis-1,3-Dichloropropene	350	U
108-10-1	4-Methyl-2-Pentanone	710	U
108-88-3	Toluene	350	U
10061-02-6	trans-1,3-Dichloropropene	710	U
79-00-5	1,1,2-Trichloroethane	710	U
127-18-4	Tetrachloroethene	350	U
591-78-6	2-Hexanone	710	U
126-48-1	Dibromochloromethane	710	U
108-90-7	Chlorobenzene	350	U
100-41-4	Ethylbenzene	710	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-212 24"

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3809 SDG No: _____ Location: M-5

Matrix (soil/water) SOIL Lab Sample ID: 3809.03

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB01312.D

Level: (low/med) MED Date Received: 08/13/98

% Moisture: not dec. 28.95 Date Analyzed: 08/24/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
1330-20-7	m+p-Xylenes	1100	U
1330-20-7	o-Xylene	710	U
100-42-5	Styrene	710	U
75-25-2	Bromoform	710	U
79-34-5	1,1,2,2-Tetrachloroethane	710	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-212 24"

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3809 SDG No: _____ Location: M-5

Matrix (soil/water) SOIL Lab Sample ID: 3809.03

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB01312.D

Level: (low/med) MED Date Received: 08/13/98

% Moisture: not dec. 28.95 Date Analyzed: 08/24/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-213 24"

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3809 SDG No: _____ Location: M-5

Matrix (soil/water) SOIL Lab Sample ID: 3809.05

Sample wt/vol: 9.5 (g/ml) G Lab File ID: VB01313.D

Level: (low/med) MED Date Received: 08/13/98

% Moisture: not dec. 32.16 Date Analyzed: 08/24/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2700	U
107131	Acrylonitrile	2700	U
75650	tert-Butyl alcohol	5000	U
1634044	Methyl-tert-Butyl ether	1200	U
108203	Di-isopropyl ether	770	U
	Dichlorodifluoromethane	1500	U
74-87-3	Chloromethane	390	U
75-01-4	Vinyl Chloride	1200	U
74-83-9	Bromomethane	770	U
75-00-3	Chloroethane	1200	U
75-69-4	Trichlorofluoromethane	770	U
75-35-4	1,1-Dichloroethene	390	U
67-64-1	Acetone	770	U
75-15-0	Carbon Disulfide	390	U
75-09-2	Methylene Chloride	770	U
156-60-5	trans-1,2-Dichloroethene	770	U
75-35-3	1,1-Dichloroethane	390	U
108-05-4	Vinyl Acetate	1200	U
78-93-3	2-Butanone	1200	U
	cis-1,2-Dichloroethene	390	U
67-66-3	Chloroform	520	
75-55-6	1,1,1-Trichloroethane	390	U
56-23-5	Carbon Tetrachloride	770	U
71-43-2	Benzene	390	U
107-06-2	1,2-Dichloroethane	770	U
79-01-6	Trichloroethene	390	U
78-87-5	1,2-Dichloropropane	390	U
75-27-4	Bromodichloromethane	390	U
110-75-8	2-Chloroethyl vinyl ether	770	U
10061-01-5	cis-1,3-Dichloropropene	390	U
108-10-1	4-Methyl-2-Pentanone	770	U
108-88-3	Toluene	390	U
10061-02-6	trans-1,3-Dichloropropene	770	U
79-00-5	1,1,2-Trichloroethane	770	U
127-18-4	Tetrachloroethene	390	U
591-78-6	2-Hexanone	770	U
126-48-1	Dibromochloromethane	770	U
108-90-7	Chlorobenzene	390	U
100-41-4	Ethylbenzene	770	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-213 24"

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3809 SDG No: _____ Location: M-5

Matrix (soil/water) SOIL Lab Sample ID: 3809.05

Sample wt/vol: 9.5 (g/ml) G Lab File ID: VB01313.D

Level: (low/med) MED Date Received: 08/13/98

% Moisture: not dec. 32.16 Date Analyzed: 08/24/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	1200	U
1330-20-7	o-Xylene	770	U
100-42-5	Styrene	770	U
75-25-2	Bromoform	770	U
79-34-5	1,1,2,2-Tetrachloroethane	770	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-213 24"

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3809 SDG No: _____ Location: M-5

Matrix (soil/water) SOIL Lab Sample ID: 3809.05

Sample wt/vol: 9.5 (g/ml) G Lab File ID: VB01313.D

Level: (low/med) MED Date Received: 08/13/98

% Moisture: not dec. 32.16 Date Analyzed: 08/24/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-214 24"

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3809 SDG No: _____ Location: M-5

Matrix (soil/water) SOIL Lab Sample ID: 3809.07

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB01314.D

Level: (low/med) MED Date Received: 08/13/98

% Moisture: not dec. 13.48 Date Analyzed: 08/24/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3700	U
1634044	Methyl-tert-Butyl ether	870	U
108203	Di-isopropyl ether	580	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	290	U
75-01-4	Vinyl Chloride	870	U
74-83-9	Bromomethane	580	U
75-00-3	Chloroethane	870	U
75-69-4	Trichlorofluoromethane	580	U
75-35-4	1,1-Dichloroethene	290	U
67-64-1	Acetone	580	U
75-15-0	Carbon Disulfide	290	U
75-09-2	Methylene Chloride	580	U
156-60-5	trans-1,2-Dichloroethene	580	U
75-35-3	1,1-Dichloroethane	290	U
108-05-4	Vinyl Acetate	870	U
78-93-3	2-Butanone	870	U
	cis-1,2-Dichloroethene	290	U
67-66-3	Chloroform	410	
75-55-6	1,1,1-Trichloroethane	290	U
56-23-5	Carbon Tetrachloride	580	U
71-43-2	Benzene	290	U
107-06-2	1,2-Dichloroethane	580	U
79-01-6	Trichloroethene	290	U
78-87-5	1,2-Dichloropropane	290	U
75-27-4	Bromodichloromethane	290	U
110-75-8	2-Chloroethyl vinyl ether	580	U
10061-01-5	cis-1,3-Dichloropropene	290	U
108-10-1	4-Methyl-2-Pentanone	580	U
108-88-3	Toluene	290	U
10061-02-6	trans-1,3-Dichloropropene	580	U
79-00-5	1,1,2-Trichloroethane	580	U
127-18-4	Tetrachloroethene	290	U
591-78-6	2-Hexanone	580	U
126-48-1	Dibromochloromethane	580	U
108-90-7	Chlorobenzene	290	U
100-41-4	Ethylbenzene	580	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-214 24"

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3809 SDG No: _____ Location: M-5

Matrix (soil/water) SOIL Lab Sample ID: 3809.07

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB01314.D

Level: (low/med) MED Date Received: 08/13/98

% Moisture: not dec. 13.48 Date Analyzed: 08/24/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND (ug/L or ug/Kg) UG/KG		Q
1330-20-7	m+p-Xylenes	870	U
1330-20-7	o-Xylene	580	U
100-42-5	Styrene	580	U
75-25-2	Bromoform	580	U
79-34-5	1,1,2,2-Tetrachloroethane	580	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-214 24"

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3809 SDG No: _____ Location: M-5

Matrix (soil/water) SOIL Lab Sample ID: 3809.07

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB01314.D

Level: (low/med) MED Date Received: 08/13/98

% Moisture: not dec. 13.48 Date Analyzed: 08/24/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-215 24"

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3809 SDG No: _____ Location: M-5

Matrix (soil/water) SOIL Lab Sample ID: 3809.09

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB01315.D

Level: (low/med) MED Date Received: 08/13/98

% Moisture: not dec. 10.77 Date Analyzed: 08/24/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3600	U
1634044	Methyl-tert-Butyl ether	840	U
108203	Di-isopropyl ether	560	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	840	U
74-83-9	Bromomethane	560	U
75-00-3	Chloroethane	840	U
75-69-4	Trichlorofluoromethane	560	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	560	U
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	560	U
156-60-5	trans-1,2-Dichloroethene	560	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	840	U
78-93-3	2-Butanone	840	U
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	430	
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	560	U
71-43-2	Benzene	280	U
107-06-2	1,2-Dichloroethane	560	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	560	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	560	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	560	U
79-00-5	1,1,2-Trichloroethane	560	U
127-18-4	Tetrachloroethene	280	U
591-78-6	2-Hexanone	560	U
126-48-1	Dibromochloromethane	560	U
108-90-7	Chlorobenzene	280	U
100-41-4	Ethylbenzene	560	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-215 24"

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3809 SDG No: _____ Location: M-5

Matrix (soil/water) SOIL Lab Sample ID: 3809.09

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB01315.D

Level: (low/med) MED Date Received: 08/13/98

% Moisture: not dec. 10.77 Date Analyzed: 08/24/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	840	U
1330-20-7	o-Xylene	560	U
100-42-5	Styrene	560	U
75-25-2	Bromoform	560	U
79-34-5	1,1,2,2-Tetrachloroethane	560	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-215 24"

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3809 SDG No: _____ Location: M-5

Matrix (soil/water) SOIL Lab Sample ID: 3809.09

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB01315.D

Level: (low/med) MED Date Received: 08/13/98

% Moisture: not dec. 10.77 Date Analyzed: 08/24/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-216 24"

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3809 SDG No: _____ Location: M-5

Matrix (soil/water) SOIL Lab Sample ID: 3809.11

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VB01316.D

Level: (low/med) MED Date Received: 08/13/98

% Moisture: not dec. 12.7 Date Analyzed: 08/24/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3600	U
1634044	Methyl-tert-Butyl ether	840	U
108203	Di-isopropyl ether	560	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	840	U
74-83-9	Bromomethane	560	U
75-00-3	Chloroethane	840	U
75-69-4	Trichlorofluoromethane	560	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	560	U
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	560	U
156-60-5	trans-1,2-Dichloroethene	560	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	840	U
78-93-3	2-Butanone	840	U
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	390	
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	560	U
71-43-2	Benzene	280	U
107-06-2	1,2-Dichloroethane	560	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	560	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	560	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	560	U
79-00-5	1,1,2-Trichloroethane	560	U
127-18-4	Tetrachloroethene	280	U
591-78-6	2-Hexanone	560	U
126-48-1	Dibromochloromethane	560	U
108-90-7	Chlorobenzene	280	U
100-41-4	Ethylbenzene	560	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-216 24"

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3809 SDG No: _____ Location: M-5

Matrix (soil/water) SOIL Lab Sample ID: 3809.11

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VB01316.D

Level: (low/med) MED Date Received: 08/13/98

% Moisture: not dec. 12.7 Date Analyzed: 08/24/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	840	U
1330-20-7	o-Xylene	560	U
100-42-5	Styrene	560	U
75-25-2	Bromoform	560	U
79-34-5	1,1,2,2-Tetrachloroethane	560	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-216 24"

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3809 SDG No: Location: M-5

Matrix (soil/water) SOIL Lab Sample ID: 3809.11

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VB01316.D

Level: (low/med) MED Date Received: 08/13/98

% Moisture: not dec. 12.7 Date Analyzed: 08/24/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-217 24"

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3809 SDG No: Location: M-5

Matrix (soil/water) SOIL Lab Sample ID: 3809.13

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB01317.D

Level: (low/med) MED Date Received: 08/13/98

% Moisture: not dec. 9.08 Date Analyzed: 08/24/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3600	U
1634044	Methyl-tert-Butyl ether	820	U
108203	Di-isopropyl ether	550	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	270	U
75-01-4	Vinyl Chloride	820	U
74-83-9	Bromomethane	550	U
75-00-3	Chloroethane	820	U
75-69-4	Trichlorofluoromethane	550	U
75-35-4	1,1-Dichloroethene	270	U
67-64-1	Acetone	550	U
75-15-0	Carbon Disulfide	270	U
75-09-2	Methylene Chloride	550	U
156-60-5	trans-1,2-Dichloroethene	550	U
75-35-3	1,1-Dichloroethane	270	U
108-05-4	Vinyl Acetate	820	U
78-93-3	2-Butanone	820	U
	cis-1,2-Dichloroethene	270	U
67-66-3	Chloroform	460	
75-55-6	1,1,1-Trichloroethane	270	U
56-23-5	Carbon Tetrachloride	550	U
71-43-2	Benzene	270	U
107-06-2	1,2-Dichloroethane	550	U
79-01-6	Trichloroethene	270	U
78-87-5	1,2-Dichloropropane	270	U
75-27-4	Bromodichloromethane	270	U
110-75-8	2-Chloroethyl vinyl ether	550	U
10061-01-5	cis-1,3-Dichloropropene	270	U
108-10-1	4-Methyl-2-Pentanone	550	U
108-88-3	Toluene	270	U
10061-02-6	trans-1,3-Dichloropropene	550	U
79-00-5	1,1,2-Trichloroethane	550	U
127-18-4	Tetrachloroethene	270	U
591-78-6	2-Hexanone	550	U
126-48-1	Dibromochloromethane	550	U
108-90-7	Chlorobenzene	270	U
100-41-4	Ethylbenzene	550	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-217 24"

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3809 SDG No: Location: M-5

Matrix (soil/water) SOIL Lab Sample ID: 3809.13

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB01317.D

Level: (low/med) MED Date Received: 08/13/98

% Moisture: not dec. 9.08 Date Analyzed: 08/24/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND (ug/L or ug/Kg)	UG/KG	Q
1330-20-7	m+p-Xylenes	820	U
1330-20-7	o-Xylene	550	U
100-42-5	Styrene	550	U
75-25-2	Bromoform	550	U
79-34-5	1,1,2,2-Tetrachloroethane	550	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-217 24"

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3809 SDG No: _____ Location: M-5

Matrix (soil/water) SOIL Lab Sample ID: 3809.13

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB01317.D

Level: (low/med) MED Date Received: 08/13/98

% Moisture: not dec. 9.08 Date Analyzed: 08/24/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-218 24"

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3809 SDG No: _____ Location: M-5

Matrix (soil/water) SOIL Lab Sample ID: 3809.15

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VB01323.D

Level: (low/med) MED Date Received: 08/13/98

% Moisture: not dec. 22.42 Date Analyzed: 08/25/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
107028	Acrolein	2200	U
107131	Acrylonitrile	2200	U
75650	tert-Butyl alcohol	4100	U
1634044	Methyl-tert-Butyl ether	950	U
108203	Di-isopropyl ether	640	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	320	U
75-01-4	Vinyl Chloride	950	U
74-83-9	Bromomethane	640	U
75-00-3	Chloroethane	950	U
75-69-4	Trichlorofluoromethane	640	U
75-35-4	1,1-Dichloroethene	320	U
67-64-1	Acetone	640	U
75-15-0	Carbon Disulfide	320	U
75-09-2	Methylene Chloride	640	U
156-60-5	trans-1,2-Dichloroethene	640	U
75-35-3	1,1-Dichloroethane	320	U
108-05-4	Vinyl Acetate	950	U
78-93-3	2-Butanone	950	U
	cis-1,2-Dichloroethene	320	U
67-66-3	Chloroform	440	
75-55-6	1,1,1-Trichloroethane	320	U
56-23-5	Carbon Tetrachloride	640	U
71-43-2	Benzene	320	U
107-06-2	1,2-Dichloroethane	640	U
79-01-6	Trichloroethene	320	U
78-87-5	1,2-Dichloropropane	320	U
75-27-4	Bromodichloromethane	320	U
110-75-8	2-Chloroethyl vinyl ether	640	U
10061-01-5	cis-1,3-Dichloropropene	320	U
108-10-1	4-Methyl-2-Pentanone	640	U
108-88-3	Toluene	320	U
10061-02-6	trans-1,3-Dichloropropene	640	U
79-00-5	1,1,2-Trichloroethane	640	U
127-18-4	Tetrachloroethene	320	U
591-78-6	2-Hexanone	640	U
126-48-1	Dibromochloromethane	640	U
108-90-7	Chlorobenzene	320	U
100-41-4	Ethylbenzene	640	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-218 24"

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3809 SDG No: _____ Location: M-5

Matrix (soil/water) SOIL Lab Sample ID: 3809.15

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VB01323.D

Level: (low/med) MED Date Received: 08/13/98

% Moisture: not dec. 22.42 Date Analyzed: 08/25/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND (ug/L or ug/Kg) UG/KG		Q
1330-20-7	m+p-Xylenes	950	U
1330-20-7	o-Xylene	640	U
100-42-5	Styrene	640	U
75-25-2	Bromoform	640	U
79-34-5	1,1,2,2-Tetrachloroethane	640	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-218 24"

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3809 SDG No: _____ Location: M-5

Matrix (soil/water) SOIL Lab Sample ID: 3809.15

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VB01323.D

Level: (low/med) MED Date Received: 08/13/98

% Moisture: not dec. 22.42 Date Analyzed: 08/25/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-219 24"

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3809 SDG No: _____ Location: M-5

Matrix (soil/water) SOIL Lab Sample ID: 3809.17

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB01324.D

Level: (low/med) MED Date Received: 08/13/98

% Moisture: not dec. 23.15 Date Analyzed: 08/25/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2300	U
107131	Acrylonitrile	2300	U
75650	tert-Butyl alcohol	4200	U
1634044	Methyl-tert-Butyl ether	970	U
108203	Di-isopropyl ether	650	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	320	U
75-01-4	Vinyl Chloride	970	U
74-83-9	Bromomethane	650	U
75-00-3	Chloroethane	970	U
75-69-4	Trichlorofluoromethane	650	U
75-35-4	1,1-Dichloroethene	320	U
67-64-1	Acetone	650	U
75-15-0	Carbon Disulfide	320	U
75-09-2	Methylene Chloride	650	U
156-60-5	trans-1,2-Dichloroethene	650	U
75-35-3	1,1-Dichloroethane	320	U
108-05-4	Vinyl Acetate	970	U
78-93-3	2-Butanone	970	U
	cis-1,2-Dichloroethene	320	U
67-66-3	Chloroform	440	
75-55-6	1,1,1-Trichloroethane	320	U
56-23-5	Carbon Tetrachloride	650	U
71-43-2	Benzene	320	U
107-06-2	1,2-Dichloroethane	650	U
79-01-6	Trichloroethene	320	U
78-87-5	1,2-Dichloropropane	320	U
75-27-4	Bromodichloromethane	320	U
110-75-8	2-Chloroethyl vinyl ether	650	U
10061-01-5	cis-1,3-Dichloropropene	320	U
108-10-1	4-Methyl-2-Pentanone	650	U
108-88-3	Toluene	320	U
10061-02-6	trans-1,3-Dichloropropene	650	U
79-00-5	1,1,2-Trichloroethane	650	U
127-18-4	Tetrachloroethene	320	U
591-78-6	2-Hexanone	650	U
126-48-1	Dibromochloromethane	650	U
108-90-7	Chlorobenzene	320	U
100-41-4	Ethylbenzene	650	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-219 24"

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3809 SDG No: _____ Location: M-5

Matrix (soil/water) SOIL Lab Sample ID: 3809.17

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB01324.D

Level: (low/med) MED Date Received: 08/13/98

% Moisture: not dec. 23.15 Date Analyzed: 08/25/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND (ug/L or ug/Kg) UG/KG		Q
1330-20-7	m+p-Xylenes	970	U
1330-20-7	o-Xylene	650	U
100-42-5	Styrene	650	U
75-25-2	Bromoform	650	U
79-34-5	1,1,2,2-Tetrachloroethane	650	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-219 24"

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3809 SDG No: _____ Location: M-5

Matrix (soil/water) SOIL Lab Sample ID: 3809.17

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB01324.D

Level: (low/med) MED Date Received: 08/13/98

% Moisture: not dec. 23.15 Date Analyzed: 08/25/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-220 24"

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3809 SDG No: _____ Location: M-5

Matrix (soil/water) SOIL Lab Sample ID: 3809.19

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VB01325.D

Level: (low/med) MED Date Received: 08/13/98

% Moisture: not dec. 55.04 Date Analyzed: 08/25/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND (ug/L or ug/Kg) UG/KG		Q
107028	Acrolein	3800	U
107131	Acrylonitrile	3800	U
75650	tert-Butyl alcohol	7000	U
1634044	Methyl-tert-Butyl ether	1600	U
108203	Di-isopropyl ether	1100	U
	Dichlorodifluoromethane	2200	U
74-87-3	Chloromethane	540	U
75-01-4	Vinyl Chloride	1600	U
74-83-9	Bromomethane	1100	U
75-00-3	Chloroethane	1600	U
75-69-4	Trichlorofluoromethane	1100	U
75-35-4	1,1-Dichloroethene	540	U
67-64-1	Acetone	1100	U
75-15-0	Carbon Disulfide	540	U
75-09-2	Methylene Chloride	1100	U
156-60-5	trans-1,2-Dichloroethene	1100	U
75-35-3	1,1-Dichloroethane	540	U
108-05-4	Vinyl Acetate	1600	U
78-93-3	2-Butanone	1600	U
	cis-1,2-Dichloroethene	540	U
67-66-3	Chloroform	540	U
75-55-6	1,1,1-Trichloroethane	540	U
56-23-5	Carbon Tetrachloride	1100	U
71-43-2	Benzene	540	U
107-06-2	1,2-Dichloroethane	1100	U
79-01-6	Trichloroethene	540	U
78-87-5	1,2-Dichloropropane	540	U
75-27-4	Bromodichloromethane	540	U
110-75-8	2-Chloroethyl vinyl ether	1100	U
10061-01-5	cis-1,3-Dichloropropene	540	U
108-10-1	4-Methyl-2-Pentanone	1100	U
108-88-3	Toluene	540	U
10061-02-6	trans-1,3-Dichloropropene	1100	U
79-00-5	1,1,2-Trichloroethane	1100	U
127-18-4	Tetrachloroethene	540	U
591-78-6	2-Hexanone	1100	U
126-48-1	Dibromochloromethane	1100	U
108-90-7	Chlorobenzene	540	U
100-41-4	Ethylbenzene	1100	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-220 24"

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3809 SDG No: _____ Location: M-5

Matrix (soil/water) SOIL Lab Sample ID: 3809.19

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VB01325.D

Level: (low/med) MED Date Received: 08/13/98

% Moisture: not dec. 55.04 Date Analyzed: 08/25/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	1600	U
1330-20-7	o-Xylene	1100	U
100-42-5	Styrene	1100	U
75-25-2	Bromoform	1100	U
79-34-5	1,1,2,2-Tetrachloroethane	1100	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-220 24"

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3809 SDG No: _____ Location: M-5

Matrix (soil/water) SOIL Lab Sample ID: 3809.19

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VB01325.D

Level: (low/med) MED Date Received: 08/13/98

% Moisture: not dec. 55.04 Date Analyzed: 08/25/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-221 24"

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3809 SDG No: _____ Location: M-5

Matrix: (soil/water) SOIL Lab Sample ID: 3809.21

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VB01326.D

Level: (low/med) MED Date Received: 08/13/98

% Moisture: not dec. 24.16 Date Analyzed: 08/25/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2400	U
107131	Acrylonitrile	2400	U
75650	tert-Butyl alcohol	4500	U
1634044	Methyl-tert-Butyl ether	1000	U
108203	Di-isopropyl ether	690	U
	Dichlorodifluoromethane	1400	U
74-87-3	Chloromethane	340	U
75-01-4	Vinyl Chloride	1000	U
74-83-9	Bromomethane	690	U
75-00-3	Chloroethane	1000	U
75-69-4	Trichlorofluoromethane	690	U
75-35-4	1,1-Dichloroethene	340	U
67-64-1	Acetone	690	U
75-15-0	Carbon Disulfide	340	U
75-09-2	Methylene Chloride	690	U
156-60-5	trans-1,2-Dichloroethene	690	U
75-35-3	1,1-Dichloroethane	340	U
108-05-4	Vinyl Acetate	1000	U
78-93-3	2-Butanone	1000	U
	cis-1,2-Dichloroethene	340	U
67-66-3	Chloroform	400	
75-55-6	1,1,1-Trichloroethane	340	U
56-23-5	Carbon Tetrachloride	690	U
71-43-2	Benzene	340	U
107-06-2	1,2-Dichloroethane	690	U
79-01-6	Trichloroethene	340	U
78-87-5	1,2-Dichloropropane	340	U
75-27-4	Bromodichloromethane	340	U
110-75-8	2-Chloroethyl vinyl ether	690	U
10061-01-5	cis-1,3-Dichloropropene	340	U
108-10-1	4-Methyl-2-Pentanone	690	U
108-88-3	Toluene	340	U
10061-02-6	trans-1,3-Dichloropropene	690	U
79-00-5	1,1,2-Trichloroethane	690	U
127-18-4	Tetrachloroethene	340	U
591-78-6	2-Hexanone	690	U
126-48-1	Dibromochloromethane	690	U
108-90-7	Chlorobenzene	340	U
100-41-4	Ethylbenzene	690	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-221 24"

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3809 SDG No: _____ Location: M-5

Matrix (soil/water) SOIL Lab Sample ID: 3809.21

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VB01326.D

Level: (low/med) MED Date Received: 08/13/98

% Moisture: not dec. 24.16 Date Analyzed: 08/25/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	1000	U
1330-20-7	o-Xylene	690	U
100-42-5	Styrene	690	U
75-25-2	Bromoform	690	U
79-34-5	1,1,2,2-Tetrachloroethane	690	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-221 24"

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3809 SDG No: _____ Location: M-5

Matrix (soil/water) SOIL Lab Sample ID: 3809.21

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VB01326.D

Level: (low/med) MED Date Received: 08/13/98

% Moisture: not dec. 24.16 Date Analyzed: 08/25/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-222 24"

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3809 SDG No: Location: M-5

Matrix (soil/water) SOIL Lab Sample ID: 3809.23

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VB01327.D

Level: (low/med) MED Date Received: 08/13/98

% Moisture: not dec. 41.86 Date Analyzed: 08/25/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
107028	Acrolein	2900	U
107131	Acrylonitrile	2900	U
75650	tert-Butyl alcohol	5400	U
1634044	Methyl-tert-Butyl ether	1300	U
108203	Di-isopropyl ether	840	U
	Dichlorodifluoromethane	1700	U
74-87-3	Chloromethane	420	U
75-01-4	Vinyl Chloride	1300	U
74-83-9	Bromomethane	840	U
75-00-3	Chloroethane	1300	U
75-69-4	Trichlorofluoromethane	840	U
75-35-4	1,1-Dichloroethene	420	U
67-64-1	Acetone	840	U
75-15-0	Carbon Disulfide	420	U
75-09-2	Methylene Chloride	840	U
156-60-5	trans-1,2-Dichloroethene	840	U
75-35-3	1,1-Dichloroethane	420	U
108-05-4	Vinyl Acetate	1300	U
78-93-3	2-Butanone	1300	U
	cis-1,2-Dichloroethene	420	U
67-66-3	Chloroform	480	
75-55-6	1,1,1-Trichloroethane	420	U
56-23-5	Carbon Tetrachloride	840	U
71-43-2	Benzene	420	U
107-06-2	1,2-Dichloroethane	840	U
79-01-6	Trichloroethene	420	U
78-87-5	1,2-Dichloropropane	420	U
75-27-4	Bromodichloromethane	420	U
110-75-8	2-Chloroethyl vinyl ether	840	U
10061-01-5	cis-1,3-Dichloropropene	420	U
108-10-1	4-Methyl-2-Pentanone	840	U
108-88-3	Toluene	420	U
10061-02-6	trans-1,3-Dichloropropene	840	U
79-00-5	1,1,2-Trichloroethane	840	U
127-18-4	Tetrachloroethene	420	U
591-78-6	2-Hexanone	840	U
126-48-1	Dibromochloromethane	840	U
108-90-7	Chlorobenzene	420	U
100-41-4	Ethylbenzene	840	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-222 24"

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3809 SDG No: _____ Location: M-5

Matrix (soil/water) SOIL Lab Sample ID: 3809.23

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VB01327.D

Level: (low/med) MED Date Received: 08/13/98

% Moisture: not dec. 41.86 Date Analyzed: 08/25/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	1300	U
1330-20-7	o-Xylene	840	U
100-42-5	Styrene	840	U
75-25-2	Bromoform	840	U
79-34-5	1,1,2,2-Tetrachloroethane	840	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-222 24"

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3809 SDG No: _____ Location: M-5

Matrix (soil/water) SOIL Lab Sample ID: 3809.23

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VB01327.D

Level: (low/med) MED Date Received: 08/13/98

% Moisture: not dec. 41.86 Date Analyzed: 08/25/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.20	2700	J

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-223

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3812 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3812.03

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04507.D

Level: (low/med) MED Date Received: 08/14/98

% Moisture: not dec. 5.72 Date Analyzed: 08/25/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3400	U
1634044	Methyl-tert-Butyl ether	790	U
108203	Di-isopropyl ether	530	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	260	U
75-01-4	Vinyl Chloride	790	U
74-83-9	Bromomethane	530	U
75-00-3	Chloroethane	790	U
75-69-4	Trichlorofluoromethane	530	U
75-35-4	1,1-Dichloroethene	260	U
67-64-1	Acetone	530	U
75-15-0	Carbon Disulfide	260	U
75-09-2	Methylene Chloride	530	U
156-60-5	trans-1,2-Dichloroethene	530	U
75-35-3	1,1-Dichloroethane	260	U
108-05-4	Vinyl Acetate	790	U
78-93-3	2-Butanone	790	U
	cis-1,2-Dichloroethene	260	U
67-66-3	Chloroform	260	U
75-55-6	1,1,1-Trichloroethane	260	U
56-23-5	Carbon Tetrachloride	530	U
71-43-2	Benzene	260	U
107-06-2	1,2-Dichloroethane	530	U
79-01-6	Trichloroethene	260	U
78-87-5	1,2-Dichloropropane	260	U
75-27-4	Bromodichloromethane	260	U
110-75-8	2-Chloroethyl vinyl ether	530	U
10061-01-5	cis-1,3-Dichloropropene	260	U
108-10-1	4-Methyl-2-Pentanone	530	U
108-88-3	Toluene	260	U
10061-02-6	trans-1,3-Dichloropropene	530	U
79-00-5	1,1,2-Trichloroethane	530	U
127-18-4	Tetrachloroethene	260	U
591-78-6	2-Hexanone	530	U
126-48-1	Dibromochloromethane	530	U
108-90-7	Chlorobenzene	260	U
100-41-4	Ethylbenzene	530	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-223

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3812 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3812.03

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04507.D

Level: (low/med) MED Date Received: 08/14/98

% Moisture: not dec. 5.72 Date Analyzed: 08/25/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND (ug/L or ug/Kg) UG/KG		Q
1330-20-7	m+p-Xylenes	790	U
1330-20-7	o-Xylene	530	U
100-42-5	Styrene	530	U
75-25-2	Bromoform	530	U
79-34-5	1,1,2,2-Tetrachloroethane	530	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-223

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3812 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3812.03

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04507.D

Level: (low/med) MED Date Received: 08/14/98

% Moisture: not dec. 5.72 Date Analyzed: 08/25/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-224

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3812 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3812.05

Sample wt/vol: 11.0 (g/ml) G Lab File ID: V04508.D

Level: (low/med) MED Date Received: 08/14/98

% Moisture: not dec. 3.99 Date Analyzed: 08/25/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1700	U
107131	Acrylonitrile	1700	U
75650	tert-Butyl alcohol	3100	U
1634044	Methyl-tert-Butyl ether	710	U
108203	Di-isopropyl ether	470	U
	Dichlorodifluoromethane	950	U
74-87-3	Chloromethane	240	U
75-01-4	Vinyl Chloride	710	U
74-83-9	Bromomethane	470	U
75-00-3	Chloroethane	710	U
75-69-4	Trichlorofluoromethane	470	U
75-35-4	1,1-Dichloroethene	240	U
67-64-1	Acetone	470	U
75-15-0	Carbon Disulfide	240	U
75-09-2	Methylene Chloride	470	U
156-60-5	trans-1,2-Dichloroethene	470	U
75-35-3	1,1-Dichloroethane	240	U
108-05-4	Vinyl Acetate	710	U
78-93-3	2-Butanone	710	U
	cis-1,2-Dichloroethene	240	U
67-66-3	Chloroform	240	U
75-55-6	1,1,1-Trichloroethane	240	U
56-23-5	Carbon Tetrachloride	470	U
71-43-2	Benzene	240	U
107-06-2	1,2-Dichloroethane	470	U
79-01-6	Trichloroethene	240	U
78-87-5	1,2-Dichloropropane	240	U
75-27-4	Bromodichloromethane	240	U
110-75-8	2-Chloroethyl vinyl ether	470	U
10061-01-5	cis-1,3-Dichloropropene	240	U
108-10-1	4-Methyl-2-Pentanone	470	U
108-88-3	Toluene	240	U
10061-02-6	trans-1,3-Dichloropropene	470	U
79-00-5	1,1,2-Trichloroethane	470	U
127-18-4	Tetrachloroethene	240	U
591-78-6	2-Hexanone	470	U
126-48-1	Dibromochloromethane	470	U
108-90-7	Chlorobenzene	240	U
100-41-4	Ethylbenzene	470	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-224

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3812 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3812.05

Sample wt/vol: 11.0 (g/ml) G Lab File ID: V04508.D

Level: (low/med) MED Date Received: 08/14/98

% Moisture: not dec. 3.99 Date Analyzed: 08/25/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	710	U
1330-20-7	o-Xylene	470	U
100-42-5	Styrene	470	U
75-25-2	Bromoform	470	U
79-34-5	1,1,2,2-Tetrachloroethane	470	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-224

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3812 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3812.05

Sample wt/vol: 11.0 (g/ml) G Lab File ID: V04508.D

Level: (low/med) MED Date Received: 08/14/98

% Moisture: not dec. 3.99 Date Analyzed: 08/25/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-225

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3812 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3812.07

Sample wt/vol: 10.4 (g/ml) G Lab File ID: V04509.D

Level: (low/med) MED Date Received: 08/14/98

% Moisture: not dec. 3.93 Date Analyzed: 08/25/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3300	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-225

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3812 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3812.07

Sample wt/vol: 10.4 (g/ml) G Lab File ID: V04509.D

Level: (low/med) MED Date Received: 08/14/98

% Moisture: not dec. 3.93 Date Analyzed: 08/25/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-225

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3812 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3812.07

Sample wt/vol: 10.4 (g/ml) G Lab File ID: V04509.D

Level: (low/med) MED Date Received: 08/14/98

% Moisture: not dec. 3.93 Date Analyzed: 08/25/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-226

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3812 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3812.09

Sample wt/vol: 11.0 (g/ml) G Lab File ID: V04510.D

Level: (low/med) MED Date Received: 08/14/98

% Moisture: not dec. 6.22 Date Analyzed: 08/25/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1700	U
107131	Acrylonitrile	1700	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	730	U
108203	Di-isopropyl ether	490	U
	Dichlorodifluoromethane	970	U
74-87-3	Chloromethane	240	U
75-01-4	Vinyl Chloride	730	U
74-83-9	Bromomethane	490	U
75-00-3	Chloroethane	730	U
75-69-4	Trichlorofluoromethane	490	U
75-35-4	1,1-Dichloroethene	240	U
67-64-1	Acetone	490	U
75-15-0	Carbon Disulfide	240	U
75-09-2	Methylene Chloride	490	U
156-60-5	trans-1,2-Dichloroethene	490	U
75-35-3	1,1-Dichloroethane	240	U
108-05-4	Vinyl Acetate	730	U
78-93-3	2-Butanone	730	U
	cis-1,2-Dichloroethene	240	U
67-66-3	Chloroform	240	U
75-55-6	1,1,1-Trichloroethane	240	U
56-23-5	Carbon Tetrachloride	490	U
71-43-2	Benzene	240	U
107-06-2	1,2-Dichloroethane	490	U
79-01-6	Trichloroethene	240	U
78-87-5	1,2-Dichloropropane	240	U
75-27-4	Bromodichloromethane	240	U
110-75-8	2-Chloroethyl vinyl ether	490	U
10061-01-5	cis-1,3-Dichloropropene	240	U
108-10-1	4-Methyl-2-Pentanone	490	U
108-88-3	Toluene	240	U
10061-02-6	trans-1,3-Dichloropropene	490	U
79-00-5	1,1,2-Trichloroethane	490	U
127-18-4	Tetrachloroethene	240	U
591-78-6	2-Hexanone	490	U
126-48-1	Dibromochloromethane	490	U
108-90-7	Chlorobenzene	240	U
100-41-4	Ethylbenzene	490	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-226

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3812 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3812.09

Sample wt/vol: 11.0 (g/ml) G Lab File ID: V04510.D

Level: (low/med) MED Date Received: 08/14/98

% Moisture: not dec. 6.22 Date Analyzed: 08/25/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	730	U
1330-20-7	o-Xylene	490	U
100-42-5	Styrene	490	U
75-25-2	Bromoform	490	U
79-34-5	1,1,2,2-Tetrachloroethane	490	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-226

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3812 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3812.09

Sample wt/vol: 11.0 (g/ml) G Lab File ID: V04510.D

Level: (low/med) MED Date Received: 08/14/98

% Moisture: not dec. 6.22 Date Analyzed: 08/25/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-227

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3812 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3812.11

Sample wt/vol: 10.4 (g/ml) G Lab File ID: V04511.D

Level: (low/med) MED Date Received: 08/14/98

% Moisture: not dec. 20.13 Date Analyzed: 08/25/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2100	U
107131	Acrylonitrile	2100	U
75650	tert-Butyl alcohol	3900	U
1634044	Methyl-tert-Butyl ether	900	U
108203	Di-isopropyl ether	600	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	300	U
75-01-4	Vinyl Chloride	900	U
74-83-9	Bromomethane	600	U
75-00-3	Chloroethane	900	U
75-69-4	Trichlorofluoromethane	600	U
75-35-4	1,1-Dichloroethene	300	U
67-64-1	Acetone	600	U
75-15-0	Carbon Disulfide	300	U
75-09-2	Methylene Chloride	600	U
156-60-5	trans-1,2-Dichloroethene	600	U
75-35-3	1,1-Dichloroethane	300	U
108-05-4	Vinyl Acetate	900	U
78-93-3	2-Butanone	900	U
	cis-1,2-Dichloroethene	300	U
67-66-3	Chloroform	300	U
75-55-6	1,1,1-Trichloroethane	300	U
56-23-5	Carbon Tetrachloride	600	U
71-43-2	Benzene	300	U
107-06-2	1,2-Dichloroethane	600	U
79-01-6	Trichloroethene	300	U
78-87-5	1,2-Dichloropropane	300	U
75-27-4	Bromodichloromethane	300	U
110-75-8	2-Chloroethyl vinyl ether	600	U
10061-01-5	cis-1,3-Dichloropropene	300	U
108-10-1	4-Methyl-2-Pentanone	600	U
108-88-3	Toluene	300	U
10061-02-6	trans-1,3-Dichloropropene	600	U
79-00-5	1,1,2-Trichloroethane	600	U
127-18-4	Tetrachloroethene	300	U
591-78-6	2-Hexanone	600	U
126-48-1	Dibromochloromethane	600	U
108-90-7	Chlorobenzene	300	U
100-41-4	Ethylbenzene	600	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-227

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3812 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3812.11

Sample wt/vol: 10.4 (g/ml) G Lab File ID: V04511.D

Level: (low/med) MED Date Received: 08/14/98

% Moisture: not dec. 20.13 Date Analyzed: 08/25/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	900	U
1330-20-7	o-Xylene	600	U
100-42-5	Styrene	600	U
75-25-2	Bromoform	600	U
79-34-5	1,1,2,2-Tetrachloroethane	600	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-227

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3812 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3812.11

Sample wt/vol: 10.4 (g/ml) G Lab File ID: V04511.D

Level: (low/med) MED Date Received: 08/14/98

% Moisture: not dec. 20.13 Date Analyzed: 08/25/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-228

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3812 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3812.13

Sample wt/vol: 11.0 (g/ml) G Lab File ID: V04512.D

Level: (low/med) MED Date Received: 08/14/98

% Moisture: not dec. 11.57 Date Analyzed: 08/25/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND (ug/L or ug/Kg) UG/KG		Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3300	U
1634044	Methyl-tert-Butyl ether	770	U
108203	Di-isopropyl ether	510	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	260	U
75-01-4	Vinyl Chloride	770	U
74-83-9	Bromomethane	510	U
75-00-3	Chloroethane	770	U
75-69-4	Trichlorofluoromethane	510	U
75-35-4	1,1-Dichloroethene	260	U
67-64-1	Acetone	510	U
75-15-0	Carbon Disulfide	260	U
75-09-2	Methylene Chloride	510	U
156-60-5	trans-1,2-Dichloroethene	510	U
75-35-3	1,1-Dichloroethane	260	U
108-05-4	Vinyl Acetate	770	U
78-93-3	2-Butanone	770	U
	cis-1,2-Dichloroethene	260	U
67-66-3	Chloroform	260	U
75-55-6	1,1,1-Trichloroethane	260	U
56-23-5	Carbon Tetrachloride	510	U
71-43-2	Benzene	260	U
107-06-2	1,2-Dichloroethane	510	U
79-01-6	Trichloroethene	260	U
78-87-5	1,2-Dichloropropane	260	U
75-27-4	Bromodichloromethane	260	U
110-75-8	2-Chloroethyl vinyl ether	510	U
10061-01-5	cis-1,3-Dichloropropene	260	U
108-10-1	4-Methyl-2-Pentanone	510	U
108-88-3	Toluene	260	U
10061-02-6	trans-1,3-Dichloropropene	510	U
79-00-5	1,1,2-Trichloroethane	510	U
127-18-4	Tetrachloroethene	260	U
591-78-6	2-Hexanone	510	U
126-48-1	Dibromochloromethane	510	U
108-90-7	Chlorobenzene	260	U
100-41-4	Ethylbenzene	510	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-228

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3812 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3812.13

Sample wt/vol: 11.0 (g/ml) G Lab File ID: V04512.D

Level: (low/med) MED Date Received: 08/14/98

% Moisture: not dec. 11.57 Date Analyzed: 08/25/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
1330-20-7	m+p-Xylenes	770	U
1330-20-7	o-Xylene	510	U
100-42-5	Styrene	510	U
75-25-2	Bromoform	510	U
79-34-5	1,1,2,2-Tetrachloroethane	510	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-228

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3812 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3812.13

Sample wt/vol: 11.0 (g/ml) G Lab File ID: V04512.D

Level: (low/med) MED Date Received: 08/14/98

% Moisture: not dec. 11.57 Date Analyzed: 08/25/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-229

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3812 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3812.15

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04513.D

Level: (low/med) MED Date Received: 08/14/98

% Moisture: not dec. 7.1 Date Analyzed: 08/25/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3500	U
1634044	Methyl-tert-Butyl ether	810	U
108203	Di-isopropyl ether	540	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	270	U
75-01-4	Vinyl Chloride	810	U
74-83-9	Bromomethane	540	U
75-00-3	Chloroethane	810	U
75-69-4	Trichlorofluoromethane	540	U
75-35-4	1,1-Dichloroethene	270	U
67-64-1	Acetone	540	U
75-15-0	Carbon Disulfide	270	U
75-09-2	Methylene Chloride	540	U
156-60-5	trans-1,2-Dichloroethene	540	U
75-35-3	1,1-Dichloroethane	270	U
108-05-4	Vinyl Acetate	810	U
78-93-3	2-Butanone	810	U
	cis-1,2-Dichloroethene	270	U
67-66-3	Chloroform	270	U
75-55-6	1,1,1-Trichloroethane	270	U
56-23-5	Carbon Tetrachloride	540	U
71-43-2	Benzene	270	U
107-06-2	1,2-Dichloroethane	540	U
79-01-6	Trichloroethene	270	U
78-87-5	1,2-Dichloropropane	270	U
75-27-4	Bromodichloromethane	270	U
110-75-8	2-Chloroethyl vinyl ether	540	U
10061-01-5	cis-1,3-Dichloropropene	270	U
108-10-1	4-Methyl-2-Pentanone	540	U
108-88-3	Toluene	270	U
10061-02-6	trans-1,3-Dichloropropene	540	U
79-00-5	1,1,2-Trichloroethane	540	U
127-18-4	Tetrachloroethene	270	U
591-78-6	2-Hexanone	540	U
126-48-1	Dibromochloromethane	540	U
108-90-7	Chlorobenzene	270	U
100-41-4	Ethylbenzene	540	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-229

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3812 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3812.15

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04513.D

Level: (low/med) MED Date Received: 08/14/98

% Moisture: not dec. 7.1 Date Analyzed: 08/25/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	810	U
1330-20-7	o-Xylene	540	U
100-42-5	Styrene	540	U
75-25-2	Bromoform	540	U
79-34-5	1,1,2,2-Tetrachloroethane	540	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-229

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3812 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3812.15

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04513.D

Level: (low/med) MED Date Received: 08/14/98

% Moisture: not dec. 7.1 Date Analyzed: 08/25/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-230

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3812 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3812.17

Sample wt/vol: 11.0 (g/ml) G Lab File ID: V04514.D

Level: (low/med) MED Date Received: 08/14/98

% Moisture: not dec. 5.68 Date Analyzed: 08/25/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1700	U
107131	Acrylonitrile	1700	U
75650	tert-Butyl alcohol	3100	U
1634044	Methyl-tert-Butyl ether	720	U
108203	Di-isopropyl ether	480	U
	Dichlorodifluoromethane	960	U
74-87-3	Chloromethane	240	U
75-01-4	Vinyl Chloride	720	U
74-83-9	Bromomethane	480	U
75-00-3	Chloroethane	720	U
75-69-4	Trichlorofluoromethane	480	U
75-35-4	1,1-Dichloroethene	240	U
67-64-1	Acetone	480	U
75-15-0	Carbon Disulfide	240	U
75-09-2	Methylene Chloride	480	U
156-60-5	trans-1,2-Dichloroethene	480	U
75-35-3	1,1-Dichloroethane	240	U
108-05-4	Vinyl Acetate	720	U
78-93-3	2-Butanone	720	U
	cis-1,2-Dichloroethene	240	U
67-66-3	Chloroform	240	U
75-55-6	1,1,1-Trichloroethane	240	U
56-23-5	Carbon Tetrachloride	480	U
71-43-2	Benzene	240	U
107-06-2	1,2-Dichloroethane	480	U
79-01-6	Trichloroethene	240	U
78-87-5	1,2-Dichloropropane	240	U
75-27-4	Bromodichloromethane	240	U
110-75-8	2-Chloroethyl vinyl ether	480	U
10061-01-5	cis-1,3-Dichloropropene	240	U
108-10-1	4-Methyl-2-Pentanone	480	U
108-88-3	Toluene	240	U
10061-02-6	trans-1,3-Dichloropropene	480	U
79-00-5	1,1,2-Trichloroethane	480	U
127-18-4	Tetrachloroethene	240	U
591-78-6	2-Hexanone	480	U
126-48-1	Dibromochloromethane	480	U
108-90-7	Chlorobenzene	240	U
100-41-4	Ethylbenzene	480	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-230

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3812 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3812.17

Sample wt/vol: 11.0 (g/ml) G Lab File ID: V04514.D

Level: (low/med) MED Date Received: 08/14/98

% Moisture: not dec. 5.68 Date Analyzed: 08/25/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	720	U
1330-20-7	o-Xylene	480	U
100-42-5	Styrene	480	U
75-25-2	Bromoform	480	U
79-34-5	1,1,2,2-Tetrachloroethane	480	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-230

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3812 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3812.17

Sample wt/vol: 11.0 (g/ml) G Lab File ID: V04514.D

Level: (low/med) MED Date Received: 08/14/98

% Moisture: not dec. 5.68 Date Analyzed: 08/25/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-231

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3812 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3812.19

Sample wt/vol: 10.9 (g/ml) G Lab File ID: V04515.D

Level: (low/med) MED Date Received: 08/14/98

% Moisture: not dec. 4.51 Date Analyzed: 08/25/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1700	U
107131	Acrylonitrile	1700	U
75650	tert-Butyl alcohol	3100	U
1634044	Methyl-tert-Butyl ether	720	U
108203	Di-isopropyl ether	480	U
	Dichlorodifluoromethane	970	U
74-87-3	Chloromethane	240	U
75-01-4	Vinyl Chloride	720	U
74-83-9	Bromomethane	480	U
75-00-3	Chloroethane	720	U
75-69-4	Trichlorofluoromethane	480	U
75-35-4	1,1-Dichloroethene	240	U
67-64-1	Acetone	480	U
75-15-0	Carbon Disulfide	240	U
75-09-2	Methylene Chloride	480	U
156-60-5	trans-1,2-Dichloroethene	480	U
75-35-3	1,1-Dichloroethane	240	U
108-05-4	Vinyl Acetate	720	U
78-93-3	2-Butanone	720	U
	cis-1,2-Dichloroethene	240	U
67-66-3	Chloroform	240	U
75-55-6	1,1,1-Trichloroethane	240	U
56-23-5	Carbon Tetrachloride	480	U
71-43-2	Benzene	240	U
107-06-2	1,2-Dichloroethane	480	U
79-01-6	Trichloroethene	240	U
78-87-5	1,2-Dichloropropane	240	U
75-27-4	Bromodichloromethane	240	U
110-75-8	2-Chloroethyl vinyl ether	480	U
10061-01-5	cis-1,3-Dichloropropene	240	U
108-10-1	4-Methyl-2-Pentanone	480	U
108-88-3	Toluene	240	U
10061-02-6	trans-1,3-Dichloropropene	480	U
79-00-5	1,1,2-Trichloroethane	480	U
127-18-4	Tetrachloroethene	240	U
591-78-6	2-Hexanone	480	U
126-48-1	Dibromochloromethane	480	U
108-90-7	Chlorobenzene	240	U
100-41-4	Ethylbenzene	480	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-231

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3812 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3812.19

Sample wt/vol: 10.9 (g/ml) G Lab File ID: V04515.D

Level: (low/med) MED Date Received: 08/14/98

% Moisture: not dec. 4.51 Date Analyzed: 08/25/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	720	U
1330-20-7	o-Xylene	480	U
100-42-5	Styrene	480	U
75-25-2	Bromoform	480	U
79-34-5	1,1,2,2-Tetrachloroethane	480	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-231

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3812 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3812.19

Sample wt/vol: 10.9 (g/ml) G Lab File ID: V04515.D

Level: (low/med) MED Date Received: 08/14/98

% Moisture: not dec. 4.51 Date Analyzed: 08/25/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-232

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3827 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3827.03

Sample wt/vol: 10.6 (g/ml) G Lab File ID: V04526.D

Level: (low/med) MED Date Received: 08/25/98

% Moisture: not dec. 7.24 Date Analyzed: 09/02/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3300	U
1634044	Methyl-tert-Butyl ether	760	U
108203	Di-isopropyl ether	510	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	760	U
74-83-9	Bromomethane	510	U
75-00-3	Chloroethane	760	U
75-69-4	Trichlorofluoromethane	510	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	510	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	510	U
156-60-5	trans-1,2-Dichloroethene	510	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	760	U
78-93-3	2-Butanone	760	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	510	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	510	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	510	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	510	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	510	U
79-00-5	1,1,2-Trichloroethane	510	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	510	U
126-48-1	Dibromochloromethane	510	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	510	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-232

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3827 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3827.03

Sample wt/vol: 10.6 (g/ml) G Lab File ID: V04526.D

Level: (low/med) MED Date Received: 08/25/98

% Moisture: not dec. 7.24 Date Analyzed: 09/02/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	760	U
1330-20-7	o-Xylene	510	U
100-42-5	Styrene	510	U
75-25-2	Bromoform	510	U
79-34-5	1,1,2,2-Tetrachloroethane	510	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-232

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3827 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3827.03

Sample wt/vol: 10.6 (g/ml) G Lab File ID: V04526.D

Level: (low/med) MED Date Received: 08/25/98

% Moisture: not dec. 7.24 Date Analyzed: 09/02/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-233

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3827 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3827.05

Sample wt/vol: 10.8 (g/ml) G Lab File ID: V04527.D

Level: (low/med) MED Date Received: 08/25/98

% Moisture: not dec. 11.6 Date Analyzed: 09/02/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3400	U
1634044	Methyl-tert-Butyl ether	790	U
108203	Di-isopropyl ether	530	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	260	U
75-01-4	Vinyl Chloride	790	U
74-83-9	Bromomethane	530	U
75-00-3	Chloroethane	790	U
75-69-4	Trichlorofluoromethane	530	U
75-35-4	1,1-Dichloroethene	260	U
67-64-1	Acetone	530	U
75-15-0	Carbon Disulfide	260	U
75-09-2	Methylene Chloride	530	U
156-60-5	trans-1,2-Dichloroethene	530	U
75-35-3	1,1-Dichloroethane	260	U
108-05-4	Vinyl Acetate	790	U
78-93-3	2-Butanone	790	U
	cis-1,2-Dichloroethene	260	U
67-66-3	Chloroform	260	U
75-55-6	1,1,1-Trichloroethane	260	U
56-23-5	Carbon Tetrachloride	530	U
71-43-2	Benzene	260	U
107-06-2	1,2-Dichloroethane	530	U
79-01-6	Trichloroethene	260	U
78-87-5	1,2-Dichloropropane	260	U
75-27-4	Bromodichloromethane	260	U
110-75-8	2-Chloroethyl vinyl ether	530	U
10061-01-5	cis-1,3-Dichloropropene	260	U
108-10-1	4-Methyl-2-Pentanone	530	U
108-88-3	Toluene	260	U
10061-02-6	trans-1,3-Dichloropropene	530	U
79-00-5	1,1,2-Trichloroethane	530	U
127-18-4	Tetrachloroethene	260	U
591-78-6	2-Hexanone	530	U
126-48-1	Dibromochloromethane	530	U
108-90-7	Chlorobenzene	260	U
100-41-4	Ethylbenzene	530	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-233

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3827 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3827.05

Sample wt/vol: 10.8 (g/ml) G Lab File ID: V04527.D

Level: (low/med) MED Date Received: 08/25/98

% Moisture: not dec. 11.6 Date Analyzed: 09/02/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	790	U
1330-20-7	o-Xylene	530	U
100-42-5	Styrene	530	U
75-25-2	Bromoform	530	U
79-34-5	1,1,2,2-Tetrachloroethane	530	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-233

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3827 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3827.05

Sample wt/vol: 10.8 (g/ml) G Lab File ID: V04527.D

Level: (low/med) MED Date Received: 08/25/98

% Moisture: not dec. 11.6 Date Analyzed: 09/02/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	unknown	14.22	1600	J

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-234

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3827 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3827.07

Sample wt/vol: 10.3 (g/ml) G Lab File ID: V04528.D

Level: (low/med) MED Date Received: 08/25/98

% Moisture: not dec. 16.48 Date Analyzed: 09/02/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND (ug/L or ug/Kg)	UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3800	U
1634044	Methyl-tert-Butyl ether	870	U
108203	Di-isopropyl ether	580	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	290	U
75-01-4	Vinyl Chloride	870	U
74-83-9	Bromomethane	580	U
75-00-3	Chloroethane	870	U
75-69-4	Trichlorofluoromethane	580	U
75-35-4	1,1-Dichloroethene	290	U
67-64-1	Acetone	580	U
75-15-0	Carbon Disulfide	290	U
75-09-2	Methylene Chloride	580	U
156-60-5	trans-1,2-Dichloroethene	580	U
75-35-3	1,1-Dichloroethane	290	U
108-05-4	Vinyl Acetate	870	U
78-93-3	2-Butanone	870	U
	cis-1,2-Dichloroethene	290	U
67-66-3	Chloroform	290	U
75-55-6	1,1,1-Trichloroethane	290	U
56-23-5	Carbon Tetrachloride	580	U
71-43-2	Benzene	290	U
107-06-2	1,2-Dichloroethane	580	U
79-01-6	Trichloroethene	290	U
78-87-5	1,2-Dichloropropane	290	U
75-27-4	Bromodichloromethane	290	U
110-75-8	2-Chloroethyl vinyl ether	580	U
10061-01-5	cis-1,3-Dichloropropene	290	U
108-10-1	4-Methyl-2-Pentanone	580	U
108-88-3	Toluene	290	U
10061-02-6	trans-1,3-Dichloropropene	580	U
79-00-5	1,1,2-Trichloroethane	580	U
127-18-4	Tetrachloroethene	290	U
591-78-6	2-Hexanone	580	U
126-48-1	Dibromochloromethane	580	U
108-90-7	Chlorobenzene	290	U
100-41-4	Ethylbenzene	580	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-234

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3827 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3827.07

Sample wt/vol: 10.3 (g/ml) G Lab File ID: V04528.D

Level: (low/med) MED Date Received: 08/25/98

% Moisture: not dec. 16.48 Date Analyzed: 09/02/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	870	U
1330-20-7	o-Xylene	580	U
100-42-5	Styrene	580	U
75-25-2	Bromoform	580	U
79-34-5	1,1,2,2-Tetrachloroethane	580	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-234

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3827 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3827.07

Sample wt/vol: 10.3 (g/ml) G Lab File ID: V04528.D

Level: (low/med) MED Date Received: 08/25/98

% Moisture: not dec. 16.48 Date Analyzed: 09/02/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	unknown	14.22	1900	J

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-235

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3827 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3827.09

Sample wt/vol: 10.6 (g/ml) G Lab File ID: V04529.D

Level: (low/med) MED Date Received: 08/25/98

% Moisture: not dec. 9.22 Date Analyzed: 09/02/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3400	U
1634044	Methyl-tert-Butyl ether	780	U
108203	Di-isopropyl ether	520	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	260	U
75-01-4	Vinyl Chloride	780	U
74-83-9	Bromomethane	520	U
75-00-3	Chloroethane	780	U
75-69-4	Trichlorofluoromethane	520	U
75-35-4	1,1-Dichloroethene	260	U
67-64-1	Acetone	520	U
75-15-0	Carbon Disulfide	260	U
75-09-2	Methylene Chloride	520	U
156-60-5	trans-1,2-Dichloroethene	520	U
75-35-3	1,1-Dichloroethane	260	U
108-05-4	Vinyl Acetate	780	U
78-93-3	2-Butanone	780	U
	cis-1,2-Dichloroethene	260	U
67-66-3	Chloroform	260	U
75-55-6	1,1,1-Trichloroethane	260	U
56-23-5	Carbon Tetrachloride	520	U
71-43-2	Benzene	260	U
107-06-2	1,2-Dichloroethane	520	U
79-01-6	Trichloroethene	260	U
78-87-5	1,2-Dichloropropane	260	U
75-27-4	Bromodichloromethane	260	U
110-75-8	2-Chloroethyl vinyl ether	520	U
10061-01-5	cis-1,3-Dichloropropene	260	U
108-10-1	4-Methyl-2-Pentanone	520	U
108-88-3	Toluene	260	U
10061-02-6	trans-1,3-Dichloropropene	520	U
79-00-5	1,1,2-Trichloroethane	520	U
127-18-4	Tetrachloroethene	260	U
591-78-6	2-Hexanone	520	U
126-48-1	Dibromochloromethane	520	U
108-90-7	Chlorobenzene	260	U
100-41-4	Ethylbenzene	520	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-235

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3827 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3827.09

Sample wt/vol: 10.6 (g/ml) G Lab File ID: V04529.D

Level: (low/med) MED Date Received: 08/25/98

% Moisture: not dec. 9.22 Date Analyzed: 09/02/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	780	U
1330-20-7	o-Xylene	520	U
100-42-5	Styrene	520	U
75-25-2	Bromoform	520	U
79-34-5	1,1,2,2-Tetrachloroethane	520	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-235

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3827 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3827.09

Sample wt/vol: 10.6 (g/ml) G Lab File ID: V04529.D

Level: (low/med) MED Date Received: 08/25/98

% Moisture: not dec. 9.22 Date Analyzed: 09/02/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-236

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3827 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3827.11

Sample wt/vol: 10.4 (g/ml) G Lab File ID: V04530.D

Level: (low/med) MED Date Received: 08/25/98

% Moisture: not dec. 12.85 Date Analyzed: 09/02/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3600	U
1634044	Methyl-tert-Butyl ether	830	U
108203	Di-isopropyl ether	550	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	830	U
74-83-9	Bromomethane	550	U
75-00-3	Chloroethane	830	U
75-69-4	Trichlorofluoromethane	550	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	550	U
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	550	U
156-60-5	trans-1,2-Dichloroethene	550	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	830	U
78-93-3	2-Butanone	830	U
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	280	U
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	550	U
71-43-2	Benzene	340	
107-06-2	1,2-Dichloroethane	550	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	550	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	550	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	550	U
79-00-5	1,1,2-Trichloroethane	550	U
127-18-4	Tetrachloroethene	280	U
591-78-6	2-Hexanone	550	U
126-48-1	Dibromochloromethane	550	U
108-90-7	Chlorobenzene	280	U
100-41-4	Ethylbenzene	550	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-236

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3827 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3827.11

Sample wt/vol: 10.4 (g/ml) G Lab File ID: V04530.D

Level: (low/med) MED Date Received: 08/25/98

% Moisture: not dec. 12.85 Date Analyzed: 09/02/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	830	U
1330-20-7	o-Xylene	550	U
100-42-5	Styrene	550	U
75-25-2	Bromoform	550	U
79-34-5	1,1,2,2-Tetrachloroethane	550	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-236

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3827 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3827.11

Sample wt/vol: 10.4 (g/ml) G Lab File ID: V04530.D

Level: (low/med) MED Date Received: 08/25/98

% Moisture: not dec. 12.85 Date Analyzed: 09/02/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-237

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3836 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3836.03

Sample wt/vol: 10.3 (g/ml) G Lab File ID: V04549.D

Level: (low/med) MED Date Received: 08/27/98

% Moisture: not dec. 11.41 Date Analyzed: 09/08/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3600	U
1634044	Methyl-tert-Butyl ether	820	U
108203	Di-isopropyl ether	550	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	270	U
75-01-4	Vinyl Chloride	820	U
74-83-9	Bromomethane	550	U
75-00-3	Chloroethane	820	U
75-69-4	Trichlorofluoromethane	550	U
75-35-4	1,1-Dichloroethene	270	U
67-64-1	Acetone	550	U
75-15-0	Carbon Disulfide	270	U
75-09-2	Methylene Chloride	550	U
156-60-5	trans-1,2-Dichloroethene	550	U
75-35-3	1,1-Dichloroethane	270	U
108-05-4	Vinyl Acetate	820	U
78-93-3	2-Butanone	820	U
	cis-1,2-Dichloroethene	270	U
67-66-3	Chloroform	270	U
75-55-6	1,1,1-Trichloroethane	270	U
56-23-5	Carbon Tetrachloride	550	U
71-43-2	Benzene	270	U
107-06-2	1,2-Dichloroethane	550	U
79-01-6	Trichloroethene	270	U
78-87-5	1,2-Dichloropropane	270	U
75-27-4	Bromodichloromethane	270	U
110-75-8	2-Chloroethyl vinyl ether	550	U
10061-01-5	cis-1,3-Dichloropropene	270	U
108-10-1	4-Methyl-2-Pentanone	550	U
108-88-3	Toluene	270	U
10061-02-6	trans-1,3-Dichloropropene	550	U
79-00-5	1,1,2-Trichloroethane	550	U
127-18-4	Tetrachloroethene	270	U
591-78-6	2-Hexanone	550	U
126-48-1	Dibromochloromethane	550	U
108-90-7	Chlorobenzene	270	U
100-41-4	Ethylbenzene	550	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-237

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3836 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3836.03

Sample wt/vol: 10.3 (g/ml) G Lab File ID: V04549.D

Level: (low/med) MED Date Received: 08/27/98

% Moisture: not dec. 11.41 Date Analyzed: 09/08/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	820	U
1330-20-7	o-Xylene	550	U
100-42-5	Styrene	550	U
75-25-2	Bromoform	550	U
79-34-5	1,1,2,2-Tetrachloroethane	550	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-237

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3836 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3836.03

Sample wt/vol: 10.3 (g/ml) G Lab File ID: V04549.D

Level: (low/med) MED Date Received: 08/27/98

% Moisture: not dec. 11.41 Date Analyzed: 09/08/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-238

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3836 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3836.05

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V04550.D

Level: (low/med) MED Date Received: 08/27/98

% Moisture: not dec. 18.51 Date Analyzed: 09/08/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2100	U
107131	Acrylonitrile	2100	U
75650	tert-Butyl alcohol	4000	U
1634044	Methyl-tert-Butyl ether	910	U
108203	Di-isopropyl ether	610	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	300	U
75-01-4	Vinyl Chloride	910	U
74-83-9	Bromomethane	610	U
75-00-3	Chloroethane	910	U
75-69-4	Trichlorofluoromethane	610	U
75-35-4	1,1-Dichloroethene	300	U
67-64-1	Acetone	610	U
75-15-0	Carbon Disulfide	300	U
75-09-2	Methylene Chloride	610	U
156-60-5	trans-1,2-Dichloroethene	610	U
75-35-3	1,1-Dichloroethane	300	U
108-05-4	Vinyl Acetate	910	U
78-93-3	2-Butanone	910	U
	cis-1,2-Dichloroethene	300	U
67-66-3	Chloroform	300	U
75-55-6	1,1,1-Trichloroethane	300	U
56-23-5	Carbon Tetrachloride	610	U
71-43-2	Benzene	300	U
107-06-2	1,2-Dichloroethane	610	U
79-01-6	Trichloroethene	300	U
78-87-5	1,2-Dichloropropane	300	U
75-27-4	Bromodichloromethane	300	U
110-75-8	2-Chloroethyl vinyl ether	610	U
10061-01-5	cis-1,3-Dichloropropene	300	U
108-10-1	4-Methyl-2-Pentanone	610	U
108-88-3	Toluene	300	U
10061-02-6	trans-1,3-Dichloropropene	610	U
79-00-5	1,1,2-Trichloroethane	610	U
127-18-4	Tetrachloroethene	300	U
591-78-6	2-Hexanone	610	U
126-48-1	Dibromochloromethane	610	U
108-90-7	Chlorobenzene	300	U
100-41-4	Ethylbenzene	610	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-238

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3836 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3836.05

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V04550.D

Level: (low/med) MED Date Received: 08/27/98

% Moisture: not dec. 18.51 Date Analyzed: 09/08/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	910	U
1330-20-7	o-Xylene	610	U
100-42-5	Styrene	610	U
75-25-2	Bromoform	610	U
79-34-5	1,1,2,2-Tetrachloroethane	610	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-238

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3836 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3836.05

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V04550.D

Level: (low/med) MED Date Received: 08/27/98

% Moisture: not dec. 18.51 Date Analyzed: 09/08/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-239

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3836 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3836.07

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V04551.D

Level: (low/med) MED Date Received: 08/27/98

% Moisture: not dec. 39.11 Date Analyzed: 09/08/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2900	U
107131	Acrylonitrile	2900	U
75650	tert-Butyl alcohol	5400	U
1634044	Methyl-tert-Butyl ether	1300	U
108203	Di-isopropyl ether	840	U
	Dichlorodifluoromethane	1700	U
74-87-3	Chloromethane	420	U
75-01-4	Vinyl Chloride	1300	U
74-83-9	Bromomethane	840	U
75-00-3	Chloroethane	1300	U
75-69-4	Trichlorofluoromethane	840	U
75-35-4	1,1-Dichloroethene	420	U
67-64-1	Acetone	840	U
75-15-0	Carbon Disulfide	420	U
75-09-2	Methylene Chloride	840	U
156-60-5	trans-1,2-Dichloroethene	840	U
75-35-3	1,1-Dichloroethane	420	U
108-05-4	Vinyl Acetate	1300	U
78-93-3	2-Butanone	1300	U
	cis-1,2-Dichloroethene	420	U
67-66-3	Chloroform	420	U
75-55-6	1,1,1-Trichloroethane	420	U
56-23-5	Carbon Tetrachloride	840	U
71-43-2	Benzene	420	U
107-06-2	1,2-Dichloroethane	840	U
79-01-6	Trichloroethene	420	U
78-87-5	1,2-Dichloropropane	420	U
75-27-4	Bromodichloromethane	420	U
110-75-8	2-Chloroethyl vinyl ether	840	U
10061-01-5	cis-1,3-Dichloropropene	420	U
108-10-1	4-Methyl-2-Pentanone	840	U
108-88-3	Toluene	420	U
10061-02-6	trans-1,3-Dichloropropene	840	U
79-00-5	1,1,2-Trichloroethane	840	U
127-18-4	Tetrachloroethene	420	U
591-78-6	2-Hexanone	840	U
126-48-1	Dibromochloromethane	840	U
108-90-7	Chlorobenzene	420	U
100-41-4	Ethylbenzene	840	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-239

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3836 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3836.07

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V04551.D

Level: (low/med) MED Date Received: 08/27/98

% Moisture: not dec. 39.11 Date Analyzed: 09/08/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	1300	U
1330-20-7	o-Xylene	840	U
100-42-5	Styrene	840	U
75-25-2	Bromoform	840	U
79-34-5	1,1,2,2-Tetrachloroethane	840	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-239

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3836 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3836.07

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V04551.D

Level: (low/med) MED Date Received: 08/27/98

% Moisture: not dec. 39.11 Date Analyzed: 09/08/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-240

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3836 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3836.09

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V04552.D

Level: (low/med) MED Date Received: 08/27/98

% Moisture: not dec. 36.08 Date Analyzed: 09/08/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2700	U
107131	Acrylonitrile	2700	U
75650	tert-Butyl alcohol	5000	U
1634044	Methyl-tert-Butyl ether	1100	U
108203	Di-isopropyl ether	760	U
	Dichlorodifluoromethane	1500	U
74-87-3	Chloromethane	380	U
75-01-4	Vinyl Chloride	1100	U
74-83-9	Bromomethane	760	U
75-00-3	Chloroethane	1100	U
75-69-4	Trichlorofluoromethane	760	U
75-35-4	1,1-Dichloroethene	380	U
67-64-1	Acetone	760	U
75-15-0	Carbon Disulfide	380	U
75-09-2	Methylene Chloride	760	U
156-60-5	trans-1,2-Dichloroethene	760	U
75-35-3	1,1-Dichloroethane	380	U
108-05-4	Vinyl Acetate	1100	U
78-93-3	2-Butanone	1100	U
	cis-1,2-Dichloroethene	380	U
67-66-3	Chloroform	380	U
75-55-6	1,1,1-Trichloroethane	380	U
56-23-5	Carbon Tetrachloride	760	U
71-43-2	Benzene	380	U
107-06-2	1,2-Dichloroethane	760	U
79-01-6	Trichloroethene	380	U
78-87-5	1,2-Dichloropropane	380	U
75-27-4	Bromodichloromethane	380	U
110-75-8	2-Chloroethyl vinyl ether	760	U
10061-01-5	cis-1,3-Dichloropropene	380	U
108-10-1	4-Methyl-2-Pentanone	760	U
108-88-3	Toluene	380	U
10061-02-6	trans-1,3-Dichloropropene	760	U
79-00-5	1,1,2-Trichloroethane	760	U
127-18-4	Tetrachloroethene	380	U
591-78-6	2-Hexanone	760	U
126-48-1	Dibromochloromethane	760	U
108-90-7	Chlorobenzene	380	U
100-41-4	Ethylbenzene	760	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-240

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3836 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3836.09

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V04552.D

Level: (low/med) MED Date Received: 08/27/98

% Moisture: not dec. 36.08 Date Analyzed: 09/08/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	1100	U
1330-20-7	o-Xylene	760	U
100-42-5	Styrene	760	U
75-25-2	Bromoform	760	U
79-34-5	1,1,2,2-Tetrachloroethane	760	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-240

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3836 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3836.09

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V04552.D

Level: (low/med) MED Date Received: 08/27/98

% Moisture: not dec. 36.08 Date Analyzed: 09/08/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-241

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3836 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3836.11

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04553.D

Level: (low/med) MED Date Received: 08/27/98

% Moisture: not dec. 50.09 Date Analyzed: 09/08/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	3500	U
107131	Acrylonitrile	3500	U
75650	tert-Butyl alcohol	6500	U
1634044	Methyl-tert-Butyl ether	1500	U
108203	Di-isopropyl ether	1000	U
	Dichlorodifluoromethane	2000	U
74-87-3	Chloromethane	500	U
75-01-4	Vinyl Chloride	1500	U
74-83-9	Bromomethane	1000	U
75-00-3	Chloroethane	1500	U
75-69-4	Trichlorofluoromethane	1000	U
75-35-4	1,1-Dichloroethene	500	U
67-64-1	Acetone	1000	U
75-15-0	Carbon Disulfide	500	U
75-09-2	Methylene Chloride	1000	U
156-60-5	trans-1,2-Dichloroethene	1000	U
75-35-3	1,1-Dichloroethane	500	U
108-05-4	Vinyl Acetate	1500	U
78-93-3	2-Butanone	1500	U
	cis-1,2-Dichloroethene	500	U
67-66-3	Chloroform	500	U
75-55-6	1,1,1-Trichloroethane	500	U
56-23-5	Carbon Tetrachloride	1000	U
71-43-2	Benzene	500	U
107-06-2	1,2-Dichloroethane	1000	U
79-01-6	Trichloroethene	500	U
78-87-5	1,2-Dichloropropane	500	U
75-27-4	Bromodichloromethane	500	U
110-75-8	2-Chloroethyl vinyl ether	1000	U
10061-01-5	cis-1,3-Dichloropropene	500	U
108-10-1	4-Methyl-2-Pentanone	1000	U
108-88-3	Toluene	500	U
10061-02-6	trans-1,3-Dichloropropene	1000	U
79-00-5	1,1,2-Trichloroethane	1000	U
127-18-4	Tetrachloroethene	500	U
591-78-6	2-Hexanone	1000	U
126-48-1	Dibromochloromethane	1000	U
108-90-7	Chlorobenzene	500	U
100-41-4	Ethylbenzene	1000	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-241

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3836 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3836.11

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04553.D

Level: (low/med) MED Date Received: 08/27/98

% Moisture: not dec. 50.09 Date Analyzed: 09/08/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	1500	U
1330-20-7	o-Xylene	1000	U
100-42-5	Styrene	1000	U
75-25-2	Bromoform	1000	U
79-34-5	1,1,2,2-Tetrachloroethane	1000	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-241

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3836 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3836.11

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04553.D

Level: (low/med) MED Date Received: 08/27/98

% Moisture: not dec. 50.09 Date Analyzed: 09/08/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-242

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3836 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3836.13

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04554.D

Level: (low/med) MED Date Received: 08/27/98

% Moisture: not dec. 25.08 Date Analyzed: 09/08/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2300	U
107131	Acrylonitrile	2300	U
75650	tert-Butyl alcohol	4300	U
1634044	Methyl-tert-Butyl ether	1000	U
108203	Di-isopropyl ether	670	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	330	U
75-01-4	Vinyl Chloride	1000	U
74-83-9	Bromomethane	670	U
75-00-3	Chloroethane	1000	U
75-69-4	Trichlorofluoromethane	670	U
75-35-4	1,1-Dichloroethene	330	U
67-64-1	Acetone	670	U
75-15-0	Carbon Disulfide	330	U
75-09-2	Methylene Chloride	670	U
156-60-5	trans-1,2-Dichloroethene	670	U
75-35-3	1,1-Dichloroethane	330	U
108-05-4	Vinyl Acetate	1000	U
78-93-3	2-Butanone	1000	U
	cis-1,2-Dichloroethene	330	U
67-66-3	Chloroform	330	U
75-55-6	1,1,1-Trichloroethane	330	U
56-23-5	Carbon Tetrachloride	670	U
71-43-2	Benzene	330	U
107-06-2	1,2-Dichloroethane	670	U
79-01-6	Trichloroethene	330	U
78-87-5	1,2-Dichloropropane	330	U
75-27-4	Bromodichloromethane	330	U
110-75-8	2-Chloroethyl vinyl ether	670	U
10061-01-5	cis-1,3-Dichloropropene	330	U
108-10-1	4-Methyl-2-Pentanone	670	U
108-88-3	Toluene	330	U
10061-02-6	trans-1,3-Dichloropropene	670	U
79-00-5	1,1,2-Trichloroethane	670	U
127-18-4	Tetrachloroethene	330	U
591-78-6	2-Hexanone	670	U
126-48-1	Dibromochloromethane	670	U
108-90-7	Chlorobenzene	330	U
100-41-4	Ethylbenzene	670	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-242

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3836 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3836.13

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04554.D

Level: (low/med) MED Date Received: 08/27/98

% Moisture: not dec. 25.08 Date Analyzed: 09/08/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	1000	U
1330-20-7	o-Xylene	670	U
100-42-5	Styrene	670	U
75-25-2	Bromoform	670	U
79-34-5	1,1,2,2-Tetrachloroethane	670	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-242

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3836 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3836.13

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04554.D

Level: (low/med) MED Date Received: 08/27/98

% Moisture: not dec. 25.08 Date Analyzed: 09/08/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-243

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3836 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3836.15

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04555.D

Level: (low/med) MED Date Received: 08/27/98

% Moisture: not dec. 25.59 Date Analyzed: 09/08/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2400	U
107131	Acrylonitrile	2400	U
75650	tert-Butyl alcohol	4400	U
1634044	Methyl-tert-Butyl ether	1000	U
108203	Di-isopropyl ether	670	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	340	U
75-01-4	Vinyl Chloride	1000	U
74-83-9	Bromomethane	670	U
75-00-3	Chloroethane	1000	U
75-69-4	Trichlorofluoromethane	670	U
75-35-4	1,1-Dichloroethene	340	U
67-64-1	Acetone	670	U
75-15-0	Carbon Disulfide	340	U
75-09-2	Methylene Chloride	670	U
156-60-5	trans-1,2-Dichloroethene	670	U
75-35-3	1,1-Dichloroethane	340	U
108-05-4	Vinyl Acetate	1000	U
78-93-3	2-Butanone	1000	U
	cis-1,2-Dichloroethene	340	U
67-66-3	Chloroform	340	U
75-55-6	1,1,1-Trichloroethane	340	U
56-23-5	Carbon Tetrachloride	670	U
71-43-2	Benzene	340	U
107-06-2	1,2-Dichloroethane	670	U
79-01-6	Trichloroethene	340	U
78-87-5	1,2-Dichloropropane	340	U
75-27-4	Bromodichloromethane	340	U
110-75-8	2-Chloroethyl vinyl ether	670	U
10061-01-5	cis-1,3-Dichloropropene	340	U
108-10-1	4-Methyl-2-Pentanone	670	U
108-88-3	Toluene	340	U
10061-02-6	trans-1,3-Dichloropropene	670	U
79-00-5	1,1,2-Trichloroethane	670	U
127-18-4	Tetrachloroethene	340	U
591-78-6	2-Hexanone	670	U
126-48-1	Dibromochloromethane	670	U
108-90-7	Chlorobenzene	340	U
100-41-4	Ethylbenzene	670	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-243

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3836 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3836.15

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04555.D

Level: (low/med) MED Date Received: 08/27/98

% Moisture: not dec. 25.59 Date Analyzed: 09/08/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	1000	U
1330-20-7	o-Xylene	670	U
100-42-5	Styrene	670	U
75-25-2	Bromoform	670	U
79-34-5	1,1,2,2-Tetrachloroethane	670	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-243

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3836 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3836.15

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04555.D

Level: (low/med) MED Date Received: 08/27/98

% Moisture: not dec. 25.59 Date Analyzed: 09/08/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-244

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3836 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3836.17

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V04556.D

Level: (low/med) MED Date Received: 08/27/98

% Moisture: not dec. 12.92 Date Analyzed: 09/08/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3700	U
1634044	Methyl-tert-Butyl ether	860	U
108203	Di-isopropyl ether	570	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	290	U
75-01-4	Vinyl Chloride	860	U
74-83-9	Bromomethane	570	U
75-00-3	Chloroethane	860	U
75-69-4	Trichlorofluoromethane	570	U
75-35-4	1,1-Dichloroethene	290	U
67-64-1	Acetone	570	U
75-15-0	Carbon Disulfide	290	U
75-09-2	Methylene Chloride	570	U
156-60-5	trans-1,2-Dichloroethene	570	U
75-35-3	1,1-Dichloroethane	290	U
108-05-4	Vinyl Acetate	860	U
78-93-3	2-Butanone	860	U
	cis-1,2-Dichloroethene	290	U
67-66-3	Chloroform	290	U
75-55-6	1,1,1-Trichloroethane	290	U
56-23-5	Carbon Tetrachloride	570	U
71-43-2	Benzene	290	U
107-06-2	1,2-Dichloroethane	570	U
79-01-6	Trichloroethene	290	U
78-87-5	1,2-Dichloropropane	290	U
75-27-4	Bromodichloromethane	290	U
110-75-8	2-Chloroethyl vinyl ether	570	U
10061-01-5	cis-1,3-Dichloropropene	290	U
108-10-1	4-Methyl-2-Pentanone	570	U
108-88-3	Toluene	290	U
10061-02-6	trans-1,3-Dichloropropene	570	U
79-00-5	1,1,2-Trichloroethane	570	U
127-18-4	Tetrachloroethene	290	U
591-78-6	2-Hexanone	570	U
126-48-1	Dibromochloromethane	570	U
108-90-7	Chlorobenzene	290	U
100-41-4	Ethylbenzene	570	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-244

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3836 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3836.17

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V04556.D

Level: (low/med) MED Date Received: 08/27/98

% Moisture: not dec. 12.92 Date Analyzed: 09/08/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	860	U
1330-20-7	o-Xylene	570	U
100-42-5	Styrene	570	U
75-25-2	Bromoform	570	U
79-34-5	1,1,2,2-Tetrachloroethane	570	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-244

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3836 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3836.17

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V04556.D

Level: (low/med) MED Date Received: 08/27/98

% Moisture: not dec. 12.92 Date Analyzed: 09/08/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-245

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3836 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3836.19

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V04557.D

Level: (low/med) MED Date Received: 08/27/98

% Moisture: not dec. 18.27 Date Analyzed: 09/08/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
107028	Acrolein	2200	U
107131	Acrylonitrile	2200	U
75650	tert-Butyl alcohol	4100	U
1634044	Methyl-tert-Butyl ether	940	U
108203	Di-isopropyl ether	620	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	310	U
75-01-4	Vinyl Chloride	940	U
74-83-9	Bromomethane	620	U
75-00-3	Chloroethane	940	U
75-69-4	Trichlorofluoromethane	620	U
75-35-4	1,1-Dichloroethene	310	U
67-64-1	Acetone	620	U
75-15-0	Carbon Disulfide	310	U
75-09-2	Methylene Chloride	620	U
156-60-5	trans-1,2-Dichloroethene	620	U
75-35-3	1,1-Dichloroethane	310	U
108-05-4	Vinyl Acetate	940	U
78-93-3	2-Butanone	940	U
	cis-1,2-Dichloroethene	310	U
67-66-3	Chloroform	310	U
75-55-6	1,1,1-Trichloroethane	310	U
56-23-5	Carbon Tetrachloride	620	U
71-43-2	Benzene	310	U
107-06-2	1,2-Dichloroethane	620	U
79-01-6	Trichloroethene	310	U
78-87-5	1,2-Dichloropropane	310	U
75-27-4	Bromodichloromethane	310	U
110-75-8	2-Chloroethyl vinyl ether	620	U
10061-01-5	cis-1,3-Dichloropropene	310	U
108-10-1	4-Methyl-2-Pentanone	620	U
108-88-3	Toluene	310	U
10061-02-6	trans-1,3-Dichloropropene	620	U
79-00-5	1,1,2-Trichloroethane	620	U
127-18-4	Tetrachloroethene	310	U
591-78-6	2-Hexanone	620	U
126-48-1	Dibromochloromethane	620	U
108-90-7	Chlorobenzene	310	U
100-41-4	Ethylbenzene	620	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-245

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3836 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3836.19

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V04557.D

Level: (low/med) MED Date Received: 08/27/98

% Moisture: not dec. 18.27 Date Analyzed: 09/08/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	940	U
1330-20-7	o-Xylene	620	U
100-42-5	Styrene	620	U
75-25-2	Bromoform	620	U
79-34-5	1,1,2,2-Tetrachloroethane	620	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-245

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3836 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3836.19

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V04557.D

Level: (low/med) MED Date Received: 08/27/98

% Moisture: not dec. 18.27 Date Analyzed: 09/08/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-246

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3836 SDG No: Location: M-5

Matrix (soil/water) SOIL Lab Sample ID: 3836.21

Sample wt/vol: 7.3 (g/ml) G Lab File ID: VB01442.D

Level: (low/med) MED Date Received: 08/27/98

% Moisture: not dec. 27.51 Date Analyzed: 09/08/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	3300	U
107131	Acrylonitrile	3300	U
75650	tert-Butyl alcohol	6100	U
1634044	Methyl-tert-Butyl ether	1400	U
108203	Di-isopropyl ether	940	U
	Dichlorodifluoromethane	1900	U
74-87-3	Chloromethane	470	U
75-01-4	Vinyl Chloride	1400	U
74-83-9	Bromomethane	940	U
75-00-3	Chloroethane	1400	U
75-69-4	Trichlorofluoromethane	940	U
75-35-4	1,1-Dichloroethene	470	U
67-64-1	Acetone	940	U
75-15-0	Carbon Disulfide	470	U
75-09-2	Methylene Chloride	940	U
156-60-5	trans-1,2-Dichloroethene	940	U
75-35-3	1,1-Dichloroethane	470	U
108-05-4	Vinyl Acetate	1400	U
78-93-3	2-Butanone	1400	U
	cis-1,2-Dichloroethene	470	U
67-66-3	Chloroform	470	U
75-55-6	1,1,1-Trichloroethane	470	U
56-23-5	Carbon Tetrachloride	940	U
71-43-2	Benzene	470	U
107-06-2	1,2-Dichloroethane	940	U
79-01-6	Trichloroethene	470	U
78-87-5	1,2-Dichloropropane	470	U
75-27-4	Bromodichloromethane	470	U
110-75-8	2-Chloroethyl vinyl ether	940	U
10061-01-5	cis-1,3-Dichloropropene	470	U
108-10-1	4-Methyl-2-Pentanone	940	U
108-88-3	Toluene	470	U
10061-02-6	trans-1,3-Dichloropropene	940	U
79-00-5	1,1,2-Trichloroethane	940	U
127-18-4	Tetrachloroethene	470	U
591-78-6	2-Hexanone	940	U
126-48-1	Dibromochloromethane	940	U
108-90-7	Chlorobenzene	470	U
100-41-4	Ethylbenzene	940	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-246

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3836 SDG No: Location: M-5

Matrix (soil/water) SOIL Lab Sample ID: 3836.21

Sample wt/vol: 7.3 (g/ml) G Lab File ID: VB01442.D

Level: (low/med) MED Date Received: 08/27/98

% Moisture: not dec. 27.51 Date Analyzed: 09/08/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	1400	U
1330-20-7	o-Xylene	940	U
100-42-5	Styrene	940	U
75-25-2	Bromoform	940	U
79-34-5	1,1,2,2-Tetrachloroethane	940	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-246

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3836 SDG No: Location: M-5

Matrix (soil/water) SOIL Lab Sample ID: 3836.21

Sample wt/vol: 7.3 (g/ml) G Lab File ID: VB01442.D

Level: (low/med) MED Date Received: 08/27/98

% Moisture: not dec. 27.51 Date Analyzed: 09/08/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-247

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3836 SDG No: Location: M-5

Matrix (soil/water) SOIL Lab Sample ID: 3836.23

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VB01443.D

Level: (low/med) MED Date Received: 08/27/98

% Moisture: not dec. 18.48 Date Analyzed: 09/08/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND (ug/L or ug/Kg)	UG/KG	Q
107028	Acrolein	2200	U
107131	Acrylonitrile	2200	U
75650	tert-Butyl alcohol	4100	U
1634044	Methyl-tert-Butyl ether	930	U
108203	Di-isopropyl ether	620	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	310	U
75-01-4	Vinyl Chloride	930	U
74-83-9	Bromomethane	620	U
75-00-3	Chloroethane	930	U
75-69-4	Trichlorofluoromethane	620	U
75-35-4	1,1-Dichloroethene	310	U
67-64-1	Acetone	620	U
75-15-0	Carbon Disulfide	310	U
75-09-2	Methylene Chloride	620	U
156-60-5	trans-1,2-Dichloroethene	620	U
75-35-3	1,1-Dichloroethane	310	U
108-05-4	Vinyl Acetate	930	U
78-93-3	2-Butanone	930	U
	cis-1,2-Dichloroethene	310	U
67-66-3	Chloroform	310	U
75-55-6	1,1,1-Trichloroethane	310	U
56-23-5	Carbon Tetrachloride	620	U
71-43-2	Benzene	310	U
107-06-2	1,2-Dichloroethane	620	U
79-01-6	Trichloroethene	310	U
78-87-5	1,2-Dichloropropane	310	U
75-27-4	Bromodichloromethane	310	U
110-75-8	2-Chloroethyl vinyl ether	620	U
10061-01-5	cis-1,3-Dichloropropene	310	U
108-10-1	4-Methyl-2-Pentanone	620	U
108-88-3	Toluene	310	U
10061-02-6	trans-1,3-Dichloropropene	620	U
79-00-5	1,1,2-Trichloroethane	620	U
127-18-4	Tetrachloroethene	310	U
591-78-6	2-Hexanone	620	U
126-48-1	Dibromochloromethane	620	U
108-90-7	Chlorobenzene	310	U
100-41-4	Ethylbenzene	620	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-247

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3836 SDG No: Location: M-5

Matrix (soil/water) SOIL Lab Sample ID: 3836.23

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VB01443.D

Level: (low/med) MED Date Received: 08/27/98

% Moisture: not dec. 18.48 Date Analyzed: 09/08/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	930	U
1330-20-7	o-Xylene	620	U
100-42-5	Styrene	620	U
75-25-2	Bromoform	620	U
79-34-5	1,1,2,2-Tetrachloroethane	620	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-247

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3836 SDG No: _____ Location: M-5

Matrix (soil/water) SOIL Lab Sample ID: 3836.23

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VB01443.D

Level: (low/med) MED Date Received: 08/27/98

% Moisture: not dec. 18.48 Date Analyzed: 09/08/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-248

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3836 SDG No: Location: M-5

Matrix (soil/water) SOIL Lab Sample ID: 3836.25

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB01444.D

Level: (low/med) MED Date Received: 08/27/98

% Moisture: not dec. 18.9 Date Analyzed: 09/08/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2200	U
107131	Acrylonitrile	2200	U
75650	tert-Butyl alcohol	4100	U
1634044	Methyl-tert-Butyl ether	940	U
108203	Di-isopropyl ether	630	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	310	U
75-01-4	Vinyl Chloride	940	U
74-83-9	Bromomethane	630	U
75-00-3	Chloroethane	940	U
75-69-4	Trichlorofluoromethane	630	U
75-35-4	1,1-Dichloroethene	310	U
67-64-1	Acetone	630	U
75-15-0	Carbon Disulfide	310	U
75-09-2	Methylene Chloride	630	U
156-60-5	trans-1,2-Dichloroethene	630	U
75-35-3	1,1-Dichloroethane	310	U
108-05-4	Vinyl Acetate	940	U
78-93-3	2-Butanone	940	U
	cis-1,2-Dichloroethene	310	U
67-66-3	Chloroform	310	U
75-55-6	1,1,1-Trichloroethane	310	U
56-23-5	Carbon Tetrachloride	630	U
71-43-2	Benzene	310	U
107-06-2	1,2-Dichloroethane	630	U
79-01-6	Trichloroethene	310	U
78-87-5	1,2-Dichloropropane	310	U
75-27-4	Bromodichloromethane	310	U
110-75-8	2-Chloroethyl vinyl ether	630	U
10061-01-5	cis-1,3-Dichloropropene	310	U
108-10-1	4-Methyl-2-Pentanone	630	U
108-88-3	Toluene	310	U
10061-02-6	trans-1,3-Dichloropropene	630	U
79-00-5	1,1,2-Trichloroethane	630	U
127-18-4	Tetrachloroethene	310	U
591-78-6	2-Hexanone	630	U
126-48-1	Dibromochloromethane	630	U
108-90-7	Chlorobenzene	310	U
100-41-4	Ethylbenzene	630	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-248

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3836 SDG No: _____ Location: M-5

Matrix (soil/water) SOIL Lab Sample ID: 3836.25

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB01444.D

Level: (low/med) MED Date Received: 08/27/98

% Moisture: not dec. 18.9 Date Analyzed: 09/08/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND (ug/L or ug/Kg)	UG/KG	Q
1330-20-7	m+p-Xylenes	940	U
1330-20-7	o-Xylene	630	U
100-42-5	Styrene	630	U
75-25-2	Bromoform	630	U
79-34-5	1,1,2,2-Tetrachloroethane	630	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-248

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3836 SDG No: Location: M-5

Matrix (soil/water) SOIL Lab Sample ID: 3836.25

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB01444.D

Level: (low/med) MED Date Received: 08/27/98

% Moisture: not dec. 18.9 Date Analyzed: 09/08/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-249

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3836 SDG No: _____ Location: M-5

Matrix (soil/water) SOIL Lab Sample ID: 3836.27

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VB01445.D

Level: (low/med) MED Date Received: 08/27/98

% Moisture: not dec. 34.13 Date Analyzed: 09/08/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2700	U
107131	Acrylonitrile	2700	U
75650	tert-Butyl alcohol	5100	U
1634044	Methyl-tert-Butyl ether	1200	U
108203	Di-isopropyl ether	780	U
	Dichlorodifluoromethane	1600	U
74-87-3	Chloromethane	390	U
75-01-4	Vinyl Chloride	1200	U
74-83-9	Bromomethane	780	U
75-00-3	Chloroethane	1200	U
75-69-4	Trichlorofluoromethane	780	U
75-35-4	1,1-Dichloroethene	390	U
67-64-1	Acetone	780	U
75-15-0	Carbon Disulfide	390	U
75-09-2	Methylene Chloride	780	U
156-60-5	trans-1,2-Dichloroethene	780	U
75-35-3	1,1-Dichloroethane	390	U
108-05-4	Vinyl Acetate	1200	U
78-93-3	2-Butanone	1200	U
	cis-1,2-Dichloroethene	390	U
67-66-3	Chloroform	390	U
75-55-6	1,1,1-Trichloroethane	390	U
56-23-5	Carbon Tetrachloride	780	U
71-43-2	Benzene	390	U
107-06-2	1,2-Dichloroethane	780	U
79-01-6	Trichloroethene	390	U
78-87-5	1,2-Dichloropropane	390	U
75-27-4	Bromodichloromethane	390	U
110-75-8	2-Chloroethyl vinyl ether	780	U
10061-01-5	cis-1,3-Dichloropropene	390	U
108-10-1	4-Methyl-2-Pentanone	780	U
108-88-3	Toluene	390	U
10061-02-6	trans-1,3-Dichloropropene	780	U
79-00-5	1,1,2-Trichloroethane	780	U
127-18-4	Tetrachloroethene	390	U
591-78-6	2-Hexanone	780	U
126-48-1	Dibromochloromethane	780	U
108-90-7	Chlorobenzene	390	U
100-41-4	Ethylbenzene	780	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-249

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3836 SDG No: _____ Location: M-5

Matrix (soil/water) SOIL Lab Sample ID: 3836.27

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VB01445.D

Level: (low/med) MED Date Received: 08/27/98

% Moisture: not dec. 34.13 Date Analyzed: 09/08/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	1200	U
1330-20-7	o-Xylene	780	U
100-42-5	Styrene	780	U
75-25-2	Bromoform	780	U
79-34-5	1,1,2,2-Tetrachloroethane	780	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-249

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3836 SDG No: Location: M-5

Matrix (soil/water) SOIL Lab Sample ID: 3836.27

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VB01445.D

Level: (low/med) MED Date Received: 08/27/98

% Moisture: not dec. 34.13 Date Analyzed: 09/08/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-250

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3836 SDG No: _____ Location: M-5

Matrix (soil/water) SOIL Lab Sample ID: 3836.29

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB01446.D

Level: (low/med) MED Date Received: 08/27/98

% Moisture: not dec. 21.9 Date Analyzed: 09/08/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2200	U
107131	Acrylonitrile	2200	U
75650	tert-Butyl alcohol	4200	U
1634044	Methyl-tert-Butyl ether	960	U
108203	Di-isopropyl ether	640	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	320	U
75-01-4	Vinyl Chloride	960	U
74-83-9	Bromomethane	640	U
75-00-3	Chloroethane	960	U
75-69-4	Trichlorofluoromethane	640	U
75-35-4	1,1-Dichloroethene	320	U
67-64-1	Acetone	640	U
75-15-0	Carbon Disulfide	320	U
75-09-2	Methylene Chloride	640	U
156-60-5	trans-1,2-Dichloroethene	640	U
75-35-3	1,1-Dichloroethane	320	U
108-05-4	Vinyl Acetate	960	U
78-93-3	2-Butanone	960	U
	cis-1,2-Dichloroethene	320	U
67-66-3	Chloroform	320	U
75-55-6	1,1,1-Trichloroethane	320	U
56-23-5	Carbon Tetrachloride	640	U
71-43-2	Benzene	320	U
107-06-2	1,2-Dichloroethane	640	U
79-01-6	Trichloroethene	320	U
78-87-5	1,2-Dichloropropane	320	U
75-27-4	Bromodichloromethane	320	U
110-75-8	2-Chloroethyl vinyl ether	640	U
10061-01-5	cis-1,3-Dichloropropene	320	U
108-10-1	4-Methyl-2-Pentanone	640	U
108-88-3	Toluene	320	U
10061-02-6	trans-1,3-Dichloropropene	640	U
79-00-5	1,1,2-Trichloroethane	640	U
127-18-4	Tetrachloroethene	320	U
591-78-6	2-Hexanone	640	U
126-48-1	Dibromochloromethane	640	U
108-90-7	Chlorobenzene	320	U
100-41-4	Ethylbenzene	640	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-250

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3836 SDG No: _____ Location: M-5

Matrix (soil/water) SOIL Lab Sample ID: 3836.29

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB01446.D

Level: (low/med) MED Date Received: 08/27/98

% Moisture: not dec. 21.9 Date Analyzed: 09/08/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	960	U
1330-20-7	o-Xylene	640	U
100-42-5	Styrene	640	U
75-25-2	Bromoform	640	U
79-34-5	1,1,2,2-Tetrachloroethane	640	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-250

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3836 SDG No: _____ Location: M-5

Matrix (soil/water) SOIL Lab Sample ID: 3836.29

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB01446.D

Level: (low/med) MED Date Received: 08/27/98

% Moisture: not dec. 21.9 Date Analyzed: 09/08/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-251

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3836 SDG No: _____ Location: M-5

Matrix (soil/water) SOIL Lab Sample ID: 3836.31

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VB01447.D

Level: (low/med) MED Date Received: 08/27/98

% Moisture: not dec. 4.16 Date Analyzed: 09/08/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3300	U
1634044	Methyl-tert-Butyl ether	760	U
108203	Di-isopropyl ether	510	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	760	U
74-83-9	Bromomethane	510	U
75-00-3	Chloroethane	760	U
75-69-4	Trichlorofluoromethane	510	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	510	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	510	U
156-60-5	trans-1,2-Dichloroethene	510	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	760	U
78-93-3	2-Butanone	760	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	510	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	510	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	510	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	510	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	510	U
79-00-5	1,1,2-Trichloroethane	510	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	510	U
126-48-1	Dibromochloromethane	510	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	510	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-251

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3836 SDG No: _____ Location: M-5

Matrix (soil/water) SOIL Lab Sample ID: 3836.31

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VB01447.D

Level: (low/med) MED Date Received: 08/27/98

% Moisture: not dec. 4.16 Date Analyzed: 09/08/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	760	U
1330-20-7	o-Xylene	510	U
100-42-5	Styrene	510	U
75-25-2	Bromoform	510	U
79-34-5	1,1,2,2-Tetrachloroethane	510	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-251

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3836 SDG No: Location: M-5

Matrix (soil/water) SOIL Lab Sample ID: 3836.31

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VB01447.D

Level: (low/med) MED Date Received: 08/27/98

% Moisture: not dec. 4.16 Date Analyzed: 09/08/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-252

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3836 SDG No: Location: M-5

Matrix (soil/water) SOIL Lab Sample ID: 3836.33

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VB01448.D

Level: (low/med) MED Date Received: 08/27/98

% Moisture: not dec. 21.83 Date Analyzed: 09/08/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2200	U
107131	Acrylonitrile	2200	U
75650	tert-Butyl alcohol	4000	U
1634044	Methyl-tert-Butyl ether	930	U
108203	Di-isopropyl ether	620	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	310	U
75-01-4	Vinyl Chloride	930	U
74-83-9	Bromomethane	620	U
75-00-3	Chloroethane	930	U
75-69-4	Trichlorofluoromethane	620	U
75-35-4	1,1-Dichloroethene	310	U
67-64-1	Acetone	620	U
75-15-0	Carbon Disulfide	310	U
75-09-2	Methylene Chloride	620	U
156-60-5	trans-1,2-Dichloroethene	620	U
75-35-3	1,1-Dichloroethane	310	U
108-05-4	Vinyl Acetate	930	U
78-93-3	2-Butanone	930	U
	cis-1,2-Dichloroethene	310	U
67-66-3	Chloroform	310	U
75-55-6	1,1,1-Trichloroethane	310	U
56-23-5	Carbon Tetrachloride	620	U
71-43-2	Benzene	310	U
107-06-2	1,2-Dichloroethane	620	U
79-01-6	Trichloroethene	310	U
78-87-5	1,2-Dichloropropane	310	U
75-27-4	Bromodichloromethane	310	U
110-75-8	2-Chloroethyl vinyl ether	620	U
10061-01-5	cis-1,3-Dichloropropene	310	U
108-10-1	4-Methyl-2-Pentanone	620	U
108-88-3	Toluene	310	U
10061-02-6	trans-1,3-Dichloropropene	620	U
79-00-5	1,1,2-Trichloroethane	620	U
127-18-4	Tetrachloroethene	310	U
591-78-6	2-Hexanone	620	U
126-48-1	Dibromochloromethane	620	U
108-90-7	Chlorobenzene	310	U
100-41-4	Ethylbenzene	620	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-252

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3836 SDG No: _____ Location: M-5

Matrix (soil/water) SOIL Lab Sample ID: 3836.33

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VB01448.D

Level: (low/med) MED Date Received: 08/27/98

% Moisture: not dec. 21.83 Date Analyzed: 09/08/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	930	U
1330-20-7	o-Xylene	620	U
100-42-5	Styrene	620	U
75-25-2	Bromoform	620	U
79-34-5	1,1,2,2-Tetrachloroethane	620	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-252

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3836 SDG No: Location: M-5

Matrix (soil/water) SOIL Lab Sample ID: 3836.33

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VB01448.D

Level: (low/med) MED Date Received: 08/27/98

% Moisture: not dec. 21.83 Date Analyzed: 09/08/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-253

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3836 SDG No: Location: M-5

Matrix (soil/water) SOIL Lab Sample ID: 3836.35

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VB01449.D

Level: (low/med) MED Date Received: 08/27/98

% Moisture: not dec. 15.67 Date Analyzed: 09/08/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2100	U
107131	Acrylonitrile	2100	U
75650	tert-Butyl alcohol	3900	U
1634044	Methyl-tert-Butyl ether	900	U
108203	Di-isopropyl ether	600	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	300	U
75-01-4	Vinyl Chloride	900	U
74-83-9	Bromomethane	600	U
75-00-3	Chloroethane	900	U
75-69-4	Trichlorofluoromethane	600	U
75-35-4	1,1-Dichloroethene	300	U
67-64-1	Acetone	600	U
75-15-0	Carbon Disulfide	300	U
75-09-2	Methylene Chloride	600	U
156-60-5	trans-1,2-Dichloroethene	600	U
75-35-3	1,1-Dichloroethane	300	U
108-05-4	Vinyl Acetate	900	U
78-93-3	2-Butanone	900	U
	cis-1,2-Dichloroethene	300	U
67-66-3	Chloroform	300	U
75-55-6	1,1,1-Trichloroethane	300	U
56-23-5	Carbon Tetrachloride	600	U
71-43-2	Benzene	300	U
107-06-2	1,2-Dichloroethane	600	U
79-01-6	Trichloroethene	300	U
78-87-5	1,2-Dichloropropane	300	U
75-27-4	Bromodichloromethane	300	U
110-75-8	2-Chloroethyl vinyl ether	600	U
10061-01-5	cis-1,3-Dichloropropene	300	U
108-10-1	4-Methyl-2-Pentanone	600	U
108-88-3	Toluene	300	U
10061-02-6	trans-1,3-Dichloropropene	600	U
79-00-5	1,1,2-Trichloroethane	600	U
127-18-4	Tetrachloroethene	300	U
591-78-6	2-Hexanone	600	U
126-48-1	Dibromochloromethane	600	U
108-90-7	Chlorobenzene	300	U
100-41-4	Ethylbenzene	600	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-253

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3836 SDG No: _____ Location: M-5

Matrix (soil/water) SOIL Lab Sample ID: 3836.35

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VB01449.D

Level: (low/med) MED Date Received: 08/27/98

% Moisture: not dec. 15.67 Date Analyzed: 09/08/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	900	U
1330-20-7	o-Xylene	600	U
100-42-5	Styrene	600	U
75-25-2	Bromoform	600	U
79-34-5	1,1,2,2-Tetrachloroethane	600	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-253

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3836 SDG No: Location: M-5

Matrix (soil/water) SOIL Lab Sample ID: 3836.35

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VB01449.D

Level: (low/med) MED Date Received: 08/27/98

% Moisture: not dec. 15.67 Date Analyzed: 09/08/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-254

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3836 SDG No: Location: M-5

Matrix (soil/water) SOIL Lab Sample ID: 3836.37

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VB01450.D

Level: (low/med) MED Date Received: 08/27/98

% Moisture: not dec. 6.02 Date Analyzed: 09/08/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3600	U
1634044	Methyl-tert-Butyl ether	830	U
108203	Di-isopropyl ether	550	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	830	U
74-83-9	Bromomethane	550	U
75-00-3	Chloroethane	830	U
75-69-4	Trichlorofluoromethane	550	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	550	U
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	550	U
156-60-5	trans-1,2-Dichloroethene	550	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	830	U
78-93-3	2-Butanone	830	U
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	280	U
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	550	U
71-43-2	Benzene	280	U
107-06-2	1,2-Dichloroethane	550	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	550	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	550	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	550	U
79-00-5	1,1,2-Trichloroethane	550	U
127-18-4	Tetrachloroethene	280	U
591-78-6	2-Hexanone	550	U
126-48-1	Dibromochloromethane	550	U
108-90-7	Chlorobenzene	280	U
100-41-4	Ethylbenzene	550	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-254

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3836 SDG No: _____ Location: M-5

Matrix (soil/water) SOIL Lab Sample ID: 3836.37

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VB01450.D

Level: (low/med) MED Date Received: 08/27/98

% Moisture: not dec. 6.02 Date Analyzed: 09/08/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND (ug/L or ug/Kg)	UG/KG	Q
1330-20-7	m+p-Xylenes	830	U
1330-20-7	o-Xylene	550	U
100-42-5	Styrene	550	U
75-25-2	Bromoform	550	U
79-34-5	1,1,2,2-Tetrachloroethane	550	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-254

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3836 SDG No: _____ Location: M-5

Matrix (soil/water) SOIL Lab Sample ID: 3836.37

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VB01450.D

Level: (low/med) MED Date Received: 08/27/98

% Moisture: not dec. 6.02 Date Analyzed: 09/08/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

METHOD BLANKS

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

SBLK 52

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3485 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK 52

Sample wt/vol: 10 (g/ml) G Lab File ID: BN1438.D

Level: (low/med) LOW Date Received: 04/08/98

% Moisture: 0 decanted:(Y/N) N Date Extracted: 04/09/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/10/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	300	U
62-75-9	N-nitroso-dimethylamine	200	U
62-53-3	Aniline	220	U
108-95-2	Phenol	330	U
111-44-4	bis(2-Chloroethyl)ether	210	U
95-57-8	2-Chlorophenol	190	U
541-73-1	1,3-Dichlorobenzene	210	U
106-46-7	1,4-Dichlorobenzene	290	U
100-51-6	Benzyl alcohol	270	U
95-50-1	1,2-Dichlorobenzene	240	U
	2-Methylphenol	200	U
108-60-1	bis(2-chloroisopropyl)ether	250	U
	4-Methylphenol	270	U
621-64-7	n-Nitroso-di-n-propylamine	240	U
67-72-1	Hexachloroethane	210	U
98-95-3	Nitrobenzene	270	U
78-59-1	Isophorone	260	U
88-75-5	2-Nitrophenol	170	U
105-67-9	2,4-Dimethylphenol	290	U
111-91-1	bis(2-Chloroethoxy)methane	120	U
120-83-2	2,4-Dichlorophenol	160	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	260	U
91-20-3	Naphthalene	240	U
106-47-8	4-Chloroaniline	290	U
87-68-3	Hexachlorobutadiene	250	U
59-50-7	4-Chloro-3-methylphenol	200	U
91-57-6	2-Methylnaphthalene	270	U
77-47-4	Hexachlorocyclopentadiene	57	U
88-06-2	2,4,6-Trichlorophenol	190	U
	2,4,5-Trichlorophenol	210	U
91-58-7	2-Chloronaphthalene	180	U
88-74-4	2-Nitroaniline	170	U
131-11-3	Dimethylphthalate	150	U
208-96-8	Acenaphthylene	190	U
606-20-2	2,6-Dinitrotoluene	230	U
99-09-2	3-Nitroaniline	250	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

SBLK 52

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3485 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK 52

Sample wt/vol: 10 (g/ml) G Lab File ID: BN1438.D

Level: (low/med) LOW Date Received: 04/08/98

% Moisture: 0 decanted:(Y/N) N Date Extracted: 04/09/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/10/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
83-32-9	Acenaphthene	180	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	190	U
100-02-7	4-Nitrophenol	460	U
121-14-2	2,4-Dinitrotoluene	190	U
84-66-2	Diethylphthalate	200	U
86-73-7	Fluorene	190	U
7005-72-3	4-Chlorophenyl-phenylether	190	U
100-01-6	4-Nitroaniline	280	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	180	U
103-33-3	Azobenzene	190	U
101-55-3	4-Bromophenyl-phenylether	170	U
118-74-1	Hexachlorobenzene	260	U
87-86-5	Pentachlorophenol	300	U
85-01-8	Phenanthrene	190	U
120-12-7	Anthracene	190	U
84-74-2	Di-n-butylphthalate	3500	
206-44-0	Fluoranthene	190	U
92-87-5	Benzidine	910	U
129-00-0	Pyrene	230	U
85-68-7	Butylbenzylphthalate	250	U
56-55-3	Benzo[a]anthracene	200	U
91-94-1	3,3'-Dichlorobenzidine	340	U
218-01-9	Chrysene	250	U
117-81-7	bis(2-Ethylhexyl)phthalate	100	J
117-84-0	Di-n-octylphthalate	280	U
205-99-2	Benzo[b]fluoranthene	250	U
207-08-9	Benzo[k]fluoranthene	180	U
50-32-8	Benzo[a]pyrene	190	U
193-39-5	Indeno[1,2,3-cd]pyrene	200	U
53-70-3	Dibenz[a,h]anthracene	240	U
191-24-2	Benzo[g,h,i]perylene	240	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

SBLK 52

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3485 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK 52

Sample wt/vol: 10 (g/ml) G Lab File ID: BN1438.D

Level: (low/med) LOW Date Received: 04/08/98

% Moisture: 0 decanted: (Y/N) N Date Extracted: 04/09/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/10/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 1

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	4.85	1100	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

SBLK 53

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3470 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK 53

Sample wt/vol: 10 (g/ml) G Lab File ID: BN1539.D

Level: (low/med) LOW Date Received: 04/09/98

% Moisture: 0 decanted:(Y/N) N Date Extracted: 04/10/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/29/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
110-86-1	Pyridine	300	U
62-75-9	N-nitroso-dimethylamine	200	U
62-53-3	Aniline	220	U
108-95-2	Phenol	330	U
111-44-4	bis(2-Chloroethyl)ether	210	U
95-57-8	2-Chlorophenol	190	U
541-73-1	1,3-Dichlorobenzene	210	U
106-46-7	1,4-Dichlorobenzene	290	U
100-51-6	Benzyl alcohol	270	U
95-50-1	1,2-Dichlorobenzene	240	U
	2-Methylphenol	200	U
108-60-1	bis(2-chloroisopropyl)ether	250	U
	4-Methylphenol	270	U
621-64-7	n-Nitroso-di-n-propylamine	240	U
67-72-1	Hexachloroethane	210	U
98-95-3	Nitrobenzene	270	U
78-59-1	Isophorone	260	U
88-75-5	2-Nitrophenol	170	U
105-67-9	2,4-Dimethylphenol	290	U
111-91-1	bis(2-Chloroethoxy)methane	120	U
120-83-2	2,4-Dichlorophenol	160	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	260	U
91-20-3	Naphthalene	240	U
106-47-8	4-Chloroaniline	290	U
87-68-3	Hexachlorobutadiene	250	U
59-50-7	4-Chloro-3-methylphenol	200	U
91-57-6	2-Methylnaphthalene	270	U
77-47-4	Hexachlorocyclopentadiene	57	U
88-06-2	2,4,6-Trichlorophenol	190	U
	2,4,5-Trichlorophenol	210	U
91-58-7	2-Chloronaphthalene	180	U
88-74-4	2-Nitroaniline	170	U
131-11-3	Dimethylphthalate	150	U
208-96-8	Acenaphthylene	190	U
606-20-2	2,6-Dinitrotoluene	230	U
99-09-2	3-Nitroaniline	250	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

SBLK 53

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3470 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK 53

Sample wt/vol: 10 (g/ml) G Lab File ID: BN1539.D

Level: (low/med) LOW Date Received: 04/09/98

% Moisture: 0 decanted:(Y/N) N Date Extracted: 04/10/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/29/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	180	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	190	U
100-02-7	4-Nitrophenol	460	U
121-14-2	2,4-Dinitrotoluene	190	U
84-66-2	Diethylphthalate	200	U
86-73-7	Fluorene	190	U
7005-72-3	4-Chlorophenyl-phenylether	190	U
100-01-6	4-Nitroaniline	280	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	180	U
103-33-3	Azobenzene	190	U
101-55-3	4-Bromophenyl-phenylether	170	U
118-74-1	Hexachlorobenzene	260	U
87-86-5	Pentachlorophenol	300	U
85-01-8	Phenanthrene	190	U
120-12-7	Anthracene	190	U
84-74-2	Di-n-butylphthalate	7700	
206-44-0	Fluoranthene	190	U
92-87-5	Benzidine	910	U
129-00-0	Pyrene	230	U
85-68-7	Butylbenzylphthalate	250	U
56-55-3	Benzo[a]anthracene	200	U
91-94-1	3,3'-Dichlorobenzidine	340	U
218-01-9	Chrysene	250	U
117-81-7	bis(2-Ethylhexyl)phthalate	280	U
117-84-0	Di-n-octylphthalate	280	U
205-99-2	Benzo[b]fluoranthene	250	U
207-08-9	Benzo[k]fluoranthene	180	U
50-32-8	Benzo[a]pyrene	190	U
193-39-5	Indeno[1,2,3-cd]pyrene	200	U
53-70-3	Dibenz[a,h]anthracene	240	U
191-24-2	Benzo[g,h,i]perylene	240	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

SBLK 53

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3470 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK 53

Sample wt/vol: 10 (g/ml) G Lab File ID: BN1539.D

Level: (low/med) LOW Date Received: 04/09/98

% Moisture: 0 decanted: (Y/N) N Date Extracted: 04/10/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/29/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 1

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000112-92-5	1-Octadecanol	26.40	2400	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

SBLK 54

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3473 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK 54

Sample wt/vol: 10 (g/ml) G Lab File ID: BN1516.D

Level: (low/med) LOW Date Received: 04/11/98

% Moisture: 0 decanted:(Y/N) N Date Extracted: 04/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/28/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	300	U
62-75-9	N-nitroso-dimethylamine	200	U
62-53-3	Aniline	220	U
108-95-2	Phenol	330	U
111-44-4	bis(2-Chloroethyl)ether	210	U
95-57-8	2-Chlorophenol	190	U
541-73-1	1,3-Dichlorobenzene	210	U
106-46-7	1,4-Dichlorobenzene	290	U
100-51-6	Benzyl alcohol	270	U
95-50-1	1,2-Dichlorobenzene	240	U
	2-Methylphenol	200	U
108-60-1	bis(2-chloroisopropyl)ether	250	U
	4-Methylphenol	270	U
621-64-7	n-Nitroso-di-n-propylamine	240	U
67-72-1	Hexachloroethane	210	U
98-95-3	Nitrobenzene	270	U
78-59-1	Isophorone	260	U
88-75-5	2-Nitrophenol	170	U
105-67-9	2,4-Dimethylphenol	290	U
111-91-1	bis(2-Chloroethoxy)methane	120	U
120-83-2	2,4-Dichlorophenol	160	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	260	U
91-20-3	Naphthalene	240	U
106-47-8	4-Chloroaniline	290	U
87-68-3	Hexachlorobutadiene	250	U
59-50-7	4-Chloro-3-methylphenol	200	U
91-57-6	2-Methylnaphthalene	270	U
77-47-4	Hexachlorocyclopentadiene	57	U
88-06-2	2,4,6-Trichlorophenol	190	U
	2,4,5-Trichlorophenol	210	U
91-58-7	2-Chloronaphthalene	180	U
88-74-4	2-Nitroaniline	170	U
131-11-3	Dimethylphthalate	150	U
208-96-8	Acenaphthylene	190	U
606-20-2	2,6-Dinitrotoluene	230	U
99-09-2	3-Nitroaniline	250	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

SBLK 54

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3473 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK 54

Sample wt/vol: 10 (g/ml) G Lab File ID: BN1516.D

Level: (low/med) LOW Date Received: 04/11/98

% Moisture: 0 decanted:(Y/N) N Date Extracted: 04/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/28/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	180	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	190	U
100-02-7	4-Nitrophenol	460	U
121-14-2	2,4-Dinitrotoluene	190	U
84-66-2	Diethylphthalate	200	U
86-73-7	Fluorene	190	U
7005-72-3	4-Chlorophenyl-phenylether	190	U
100-01-6	4-Nitroaniline	280	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	180	U
103-33-3	Azobenzene	190	U
101-55-3	4-Bromophenyl-phenylether	170	U
118-74-1	Hexachlorobenzene	260	U
87-86-5	Pentachlorophenol	300	U
85-01-8	Phenanthrene	190	U
120-12-7	Anthracene	190	U
84-74-2	Di-n-butylphthalate	4100	
206-44-0	Fluoranthene	190	U
92-87-5	Benzidine	910	U
129-00-0	Pyrene	230	U
85-68-7	Butylbenzylphthalate	250	U
56-55-3	Benzo[a]anthracene	200	U
91-94-1	3,3'-Dichlorobenzidine	340	U
218-01-9	Chrysene	250	U
117-81-7	bis(2-Ethylhexyl)phthalate	170	J
117-84-0	Di-n-octylphthalate	280	U
205-99-2	Benzo[b]fluoranthene	250	U
207-08-9	Benzo[k]fluoranthene	180	U
50-32-8	Benzo[a]pyrene	190	U
193-39-5	Indeno[1,2,3-cd]pyrene	200	U
53-70-3	Dibenz[a,h]anthracene	240	U
191-24-2	Benzo[g,h,i]perylene	240	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

SBLK 54

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3473 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK 54

Sample wt/vol: 10 (g/ml) G Lab File ID: BN1516.D

Level: (low/med) LOW Date Received: 04/11/98

% Moisture: 0 decanted: (Y/N) N Date Extracted: 04/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/28/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 4 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-83-8	Cyclohexene	3.49	49000	JN
2. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	20.96	1100	JN
3. 074685-30-6	5-Eicosene, (E)-	26.39	2900	JN
4.	unknown	28.90	2300	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

SBLK 55

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3477 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK 55

Sample wt/vol: 10 (g/ml) G Lab File ID: BN1527.D

Level: (low/med) LOW Date Received: 04/13/98

% Moisture: 0 decanted:(Y/N) N Date Extracted: 04/14/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/29/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	300	U
62-75-9	N-nitroso-dimethylamine	200	U
62-53-3	Aniline	220	U
108-95-2	Phenol	330	U
111-44-4	bis(2-Chloroethyl)ether	210	U
95-57-8	2-Chlorophenol	190	U
541-73-1	1,3-Dichlorobenzene	210	U
106-46-7	1,4-Dichlorobenzene	290	U
100-51-6	Benzyl alcohol	270	U
95-50-1	1,2-Dichlorobenzene	240	U
	2-Methylphenol	200	U
108-60-1	bis(2-chloroisopropyl)ether	250	U
	4-Methylphenol	270	U
621-64-7	n-Nitroso-di-n-propylamine	240	U
67-72-1	Hexachloroethane	210	U
98-95-3	Nitrobenzene	270	U
78-59-1	Isophorone	260	U
88-75-5	2-Nitrophenol	170	U
105-67-9	2,4-Dimethylphenol	290	U
111-91-1	bis(2-Chloroethoxy)methane	120	U
120-83-2	2,4-Dichlorophenol	160	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	260	U
91-20-3	Naphthalene	240	U
106-47-8	4-Chloroaniline	290	U
87-68-3	Hexachlorobutadiene	250	U
59-50-7	4-Chloro-3-methylphenol	200	U
91-57-6	2-Methylnaphthalene	270	U
77-47-4	Hexachlorocyclopentadiene	57	U
88-06-2	2,4,6-Trichlorophenol	190	U
	2,4,5-Trichlorophenol	210	U
91-58-7	2-Chloronaphthalene	180	U
88-74-4	2-Nitroaniline	170	U
131-11-3	Dimethylphthalate	150	U
208-96-8	Acenaphthylene	190	U
606-20-2	2,6-Dinitrotoluene	230	U
99-09-2	3-Nitroaniline	250	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

SBLK 55

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3477 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK 55

Sample wt/vol: 10 (g/ml) G Lab File ID: BN1527.D

Level: (low/med) LOW Date Received: 04/13/98

% Moisture: 0 decanted:(Y/N) N Date Extracted: 04/14/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/29/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	180	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	190	U
100-02-7	4-Nitrophenol	460	U
121-14-2	2,4-Dinitrotoluene	190	U
84-66-2	Diethylphthalate	200	U
86-73-7	Fluorene	190	U
7005-72-3	4-Chlorophenyl-phenylether	190	U
100-01-6	4-Nitroaniline	280	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	180	U
103-33-3	Azobenzene	190	U
101-55-3	4-Bromophenyl-phenylether	170	U
118-74-1	Hexachlorobenzene	260	U
87-86-5	Pentachlorophenol	300	U
85-01-8	Phenanthrene	190	U
120-12-7	Anthracene	190	U
84-74-2	Di-n-butylphthalate	590	J
206-44-0	Fluoranthene	190	U
92-87-5	Benzidine	910	U
129-00-0	Pyrene	230	U
85-68-7	Butylbenzylphthalate	250	U
56-55-3	Benzo[a]anthracene	200	U
91-94-1	3,3'-Dichlorobenzidine	340	U
218-01-9	Chrysene	250	U
117-81-7	bis(2-Ethylhexyl)phthalate	140	J
117-84-0	Di-n-octylphthalate	280	U
205-99-2	Benzo[b]fluoranthene	250	U
207-08-9	Benzo[k]fluoranthene	180	U
50-32-8	Benzo[a]pyrene	190	U
193-39-5	Indeno[1,2,3-cd]pyrene	200	U
53-70-3	Dibenz[a,h]anthracene	240	U
191-24-2	Benzo[g,h,i]perylene	240	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

SBLK 55

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3477 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK 55

Sample wt/vol: 10 (g/ml) G Lab File ID: BN1527.D

Level: (low/med) LOW Date Received: 04/13/98

% Moisture: 0 decanted: (Y/N) N Date Extracted: 04/14/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/29/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 3 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-83-8	Cyclohexene	3.49	27000	JN
2. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	20.96	1000	JN
3. 000629-96-9	1-Eicosanol	26.40	3500	JN

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

SBLK 56

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3479 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK 4/15

Sample wt/vol: 10 (g/ml) G Lab File ID: BN1550.D

Level: (low/med) LOW Date Received: 04/14/98

% Moisture: 0 decanted:(Y/N) N Date Extracted: 04/15/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/29/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
110-86-1	Pyridine	300	U
62-75-9	N-nitroso-dimethylamine	200	U
62-53-3	Aniline	220	U
108-95-2	Phenol	330	U
111-44-4	bis(2-Chloroethyl)ether	210	U
95-57-8	2-Chlorophenol	190	U
541-73-1	1,3-Dichlorobenzene	210	U
106-46-7	1,4-Dichlorobenzene	290	U
100-51-6	Benzyl alcohol	270	U
95-50-1	1,2-Dichlorobenzene	240	U
	2-Methylphenol	200	U
108-60-1	bis(2-chloroisopropyl)ether	250	U
	4-Methylphenol	270	U
621-64-7	n-Nitroso-di-n-propylamine	240	U
67-72-1	Hexachloroethane	210	U
98-95-3	Nitrobenzene	270	U
78-59-1	Isophorone	260	U
88-75-5	2-Nitrophenol	170	U
105-67-9	2,4-Dimethylphenol	290	U
111-91-1	bis(2-Chloroethoxy)methane	120	U
120-83-2	2,4-Dichlorophenol	160	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	260	U
91-20-3	Naphthalene	240	U
106-47-8	4-Chloroaniline	290	U
87-68-3	Hexachlorobutadiene	250	U
59-50-7	4-Chloro-3-methylphenol	200	U
91-57-6	2-Methylnaphthalene	270	U
77-47-4	Hexachlorocyclopentadiene	57	U
88-06-2	2,4,6-Trichlorophenol	190	U
	2,4,5-Trichlorophenol	210	U
91-58-7	2-Chloronaphthalene	180	U
88-74-4	2-Nitroaniline	170	U
131-11-3	Dimethylphthalate	150	U
208-96-8	Acenaphthylene	190	U
606-20-2	2,6-Dinitrotoluene	230	U
99-09-2	3-Nitroaniline	250	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

SBLK 56

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3479 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK 4/15

Sample wt/vol: 10 (g/ml) G Lab File ID: BN1550.D

Level: (low/med) LOW Date Received: 04/14/98

% Moisture: 0 decanted:(Y/N) N Date Extracted: 04/15/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/29/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
83-32-9	Acenaphthene	180	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	190	U
100-02-7	4-Nitrophenol	460	U
121-14-2	2,4-Dinitrotoluene	190	U
84-66-2	Diethylphthalate	200	U
86-73-7	Fluorene	190	U
7005-72-3	4-Chlorophenyl-phenylether	190	U
100-01-6	4-Nitroaniline	280	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	180	U
103-33-3	Azobenzene	190	U
101-55-3	4-Bromophenyl-phenylether	170	U
118-74-1	Hexachlorobenzene	260	U
87-86-5	Pentachlorophenol	300	U
85-01-8	Phenanthrene	190	U
120-12-7	Anthracene	190	U
84-74-2	Di-n-butylphthalate	270	J
206-44-0	Fluoranthene	190	U
92-87-5	Benzidine	910	U
129-00-0	Pyrene	230	U
85-68-7	Butylbenzylphthalate	250	U
56-55-3	Benzo[a]anthracene	200	U
91-94-1	3,3'-Dichlorobenzidine	340	U
218-01-9	Chrysene	250	U
117-81-7	bis(2-Ethylhexyl)phthalate	280	U
117-84-0	Di-n-octylphthalate	280	U
205-99-2	Benzo[b]fluoranthene	250	U
207-08-9	Benzo[k]fluoranthene	180	U
50-32-8	Benzo[a]pyrene	190	U
193-39-5	Indeno[1,2,3-cd]pyrene	200	U
53-70-3	Dibenz[a,h]anthracene	240	U
191-24-2	Benzo[g,h,i]perylene	240	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

SBLK 56

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3479 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK 4/15

Sample wt/vol: 10 (g/ml) G Lab File ID: BN1550.D

Level: (low/med) LOW Date Received: 04/14/98

% Moisture: 0 decanted: (Y/N) N Date Extracted: 04/15/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/29/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-83-8	Cyclohexene	3.44	40000	JN
2. 019047-85-9	Phosphonic acid, dioctadecyl est	26.41	5200	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

SBLK 57

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3485 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK 4/16

Sample wt/vol: 10 (g/ml) G Lab File ID: BN1545.D

Level: (low/med) LOW Date Received: 04/15/98

% Moisture: 0 decanted:(Y/N) N Date Extracted: 04/16/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/29/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	300	U
62-75-9	N-nitroso-dimethylamine	200	U
62-53-3	Aniline	220	U
108-95-2	Phenol	330	U
111-44-4	bis(2-Chloroethyl)ether	210	U
95-57-8	2-Chlorophenol	190	U
541-73-1	1,3-Dichlorobenzene	210	U
106-46-7	1,4-Dichlorobenzene	290	U
100-51-6	Benzyl alcohol	270	U
95-50-1	1,2-Dichlorobenzene	240	U
	2-Methylphenol	200	U
108-60-1	bis(2-chloroisopropyl)ether	250	U
	4-Methylphenol	270	U
621-64-7	n-Nitroso-di-n-propylamine	240	U
67-72-1	Hexachloroethane	210	U
98-95-3	Nitrobenzene	270	U
78-59-1	Isophorone	260	U
88-75-5	2-Nitrophenol	170	U
105-67-9	2,4-Dimethylphenol	290	U
111-91-1	bis(2-Chloroethoxy)methane	120	U
120-83-2	2,4-Dichlorophenol	160	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	260	U
91-20-3	Naphthalene	240	U
106-47-8	4-Chloroaniline	290	U
87-68-3	Hexachlorobutadiene	250	U
59-50-7	4-Chloro-3-methylphenol	200	U
91-57-6	2-Methylnaphthalene	270	U
77-47-4	Hexachlorocyclopentadiene	57	U
88-06-2	2,4,6-Trichlorophenol	190	U
	2,4,5-Trichlorophenol	210	U
91-58-7	2-Chloronaphthalene	180	U
88-74-4	2-Nitroaniline	170	U
131-11-3	Dimethylphthalate	150	U
208-96-8	Acenaphthylene	190	U
606-20-2	2,6-Dinitrotoluene	230	U
99-09-2	3-Nitroaniline	250	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

SBLK 57

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3485 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK 4/16

Sample wt/vol: 10 (g/ml) G Lab File ID: BN1545.D

Level: (low/med) LOW Date Received: 04/15/98

% Moisture: 0 decanted:(Y/N) N Date Extracted: 04/16/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/29/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	180	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	190	U
100-02-7	4-Nitrophenol	460	U
121-14-2	2,4-Dinitrotoluene	190	U
84-66-2	Diethylphthalate	200	U
86-73-7	Fluorene	190	U
7005-72-3	4-Chlorophenyl-phenylether	190	U
100-01-6	4-Nitroaniline	280	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	180	U
103-33-3	Azobenzene	190	U
101-55-3	4-Bromophenyl-phenylether	170	U
118-74-1	Hexachlorobenzene	260	U
87-86-5	Pentachlorophenol	300	U
85-01-8	Phenanthrene	190	U
120-12-7	Anthracene	190	U
84-74-2	Di-n-butylphthalate	7300	
206-44-0	Fluoranthene	190	U
92-87-5	Benzidine	910	U
129-00-0	Pyrene	230	U
85-68-7	Butylbenzylphthalate	250	U
56-55-3	Benzo[a]anthracene	200	U
91-94-1	3,3'-Dichlorobenzidine	340	U
218-01-9	Chrysene	250	U
117-81-7	bis(2-Ethylhexyl)phthalate	2600	
117-84-0	Di-n-octylphthalate	280	U
205-99-2	Benzo[b]fluoranthene	250	U
207-08-9	Benzo[k]fluoranthene	180	U
50-32-8	Benzo[a]pyrene	190	U
193-39-5	Indeno[1,2,3-cd]pyrene	200	U
53-70-3	Dibenz[a,h]anthracene	240	U
191-24-2	Benzo[g,h,i]perylene	240	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

SBLK 57

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3485 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK 4/16

Sample wt/vol: 10 (g/ml) G Lab File ID: BN1545.D

Level: (low/med) LOW Date Received: 04/15/98

% Moisture: 0 decanted: (Y/N) N Date Extracted: 04/16/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/29/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 3 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-83-8	Cyclohexene	3.47	47000	JN
2. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	20.96	840	JN
3. 036653-82-4	1-Hexadecanol	26.40	4400	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

SBLK 58

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3498 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK 58

Sample wt/vol: 20 (g/ml) G Lab File ID: BN1526.D

Level: (low/med) LOW Date Received: 04/20/98

% Moisture: 0 decanted:(Y/N) N Date Extracted: 04/21/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/28/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	150	U
62-75-9	N-nitroso-dimethylamine	100	U
62-53-3	Aniline	110	U
108-95-2	Phenol	170	U
111-44-4	bis(2-Chloroethyl)ether	100	U
95-57-8	2-Chlorophenol	96	U
541-73-1	1,3-Dichlorobenzene	100	U
106-46-7	1,4-Dichlorobenzene	150	U
100-51-6	Benzyl alcohol	130	U
95-50-1	1,2-Dichlorobenzene	120	U
	2-Methylphenol	100	U
108-60-1	bis(2-chloroisopropyl)ether	130	U
	4-Methylphenol	130	U
621-64-7	n-Nitroso-di-n-propylamine	120	U
67-72-1	Hexachloroethane	100	U
98-95-3	Nitrobenzene	130	U
78-59-1	Isophorone	130	U
88-75-5	2-Nitrophenol	84	U
105-67-9	2,4-Dimethylphenol	150	U
111-91-1	bis(2-Chloroethoxy)methane	60	U
120-83-2	2,4-Dichlorophenol	79	U
65-85-0	Benzoic Acid	500	U
120-82-1	1,2,4-Trichlorobenzene	130	U
91-20-3	Naphthalene	120	U
106-47-8	4-Chloroaniline	150	U
87-68-3	Hexachlorobutadiene	120	U
59-50-7	4-Chloro-3-methylphenol	98	U
91-57-6	2-Methylnaphthalene	140	U
77-47-4	Hexachlorocyclopentadiene	28	U
88-06-2	2,4,6-Trichlorophenol	94	U
	2,4,5-Trichlorophenol	100	U
91-58-7	2-Chloronaphthalene	88	U
88-74-4	2-Nitroaniline	83	U
131-11-3	Dimethylphthalate	76	U
208-96-8	Acenaphthylene	96	U
606-20-2	2,6-Dinitrotoluene	110	U
99-09-2	3-Nitroaniline	130	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

SBLK 58

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3498 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK 58

Sample wt/vol: 20 (g/ml) G Lab File ID: BN1526.D

Level: (low/med) LOW Date Received: 04/20/98

% Moisture: 0 decanted:(Y/N) N Date Extracted: 04/21/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/28/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	88	U
51-28-5	2,4-Dinitrophenol	500	U
132-64-9	Dibenzofuran	93	U
100-02-7	4-Nitrophenol	230	U
121-14-2	2,4-Dinitrotoluene	93	U
84-66-2	Diethylphthalate	96	J
86-73-7	Fluorene	96	U
7005-72-3	4-Chlorophenyl-phenylether	94	U
100-01-6	4-Nitroaniline	140	U
534-52-1	4,6-Dinitro-2-methylphenol	500	U
86-30-6	n-Nitrosodiphenylamine	92	U
103-33-3	Azobenzene	96	U
101-55-3	4-Bromophenyl-phenylether	86	U
118-74-1	Hexachlorobenzene	130	U
87-86-5	Pentachlorophenol	150	U
85-01-8	Phenanthrene	96	U
120-12-7	Anthracene	96	U
84-74-2	Di-n-butylphthalate	2200	
206-44-0	Fluoranthene	97	U
92-87-5	Benzidine	450	U
129-00-0	Pyrene	110	U
85-68-7	Butylbenzylphthalate	130	U
56-55-3	Benzo[a]anthracene	98	U
91-94-1	3,3'-Dichlorobenzidine	170	U
218-01-9	Chrysene	130	U
117-81-7	bis(2-Ethylhexyl)phthalate	59	J
117-84-0	Di-n-octylphthalate	140	U
205-99-2	Benzo[b]fluoranthene	120	U
207-08-9	Benzo[k]fluoranthene	91	U
50-32-8	Benzo[a]pyrene	94	U
193-39-5	Indeno[1,2,3-cd]pyrene	100	U
53-70-3	Dibenz[a,h]anthracene	120	U
191-24-2	Benzo[g,h,i]perylene	120	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

SBLK 58

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3498 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK 58

Sample wt/vol: 20 (g/ml) G Lab File ID: BN1526.D

Level: (low/med) LOW Date Received: 04/20/98

% Moisture: 0 decanted: (Y/N) N Date Extracted: 04/21/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/28/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-83-8	Cyclohexene	3.50	19000	JN
2. 000112-92-5	1-Octadecanol	26.39	890	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

SBLK 59

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3500 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK 59

Sample wt/vol: 10 (g/ml) G Lab File ID: BN1538.D

Level: (low/med) LOW Date Received: 04/21/98

% Moisture: 0 decanted:(Y/N) N Date Extracted: 04/22/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/29/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	300	U
62-75-9	N-nitroso-dimethylamine	200	U
62-53-3	Aniline	220	U
108-95-2	Phenol	330	U
111-44-4	bis(2-Chloroethyl)ether	210	U
95-57-8	2-Chlorophenol	190	U
541-73-1	1,3-Dichlorobenzene	210	U
106-46-7	1,4-Dichlorobenzene	290	U
100-51-6	Benzyl alcohol	270	U
95-50-1	1,2-Dichlorobenzene	240	U
	2-Methylphenol	200	U
108-60-1	bis(2-chloroisopropyl)ether	250	U
	4-Methylphenol	270	U
621-64-7	n-Nitroso-di-n-propylamine	240	U
67-72-1	Hexachloroethane	210	U
98-95-3	Nitrobenzene	270	U
78-59-1	Isophorone	260	U
88-75-5	2-Nitrophenol	170	U
105-67-9	2,4-Dimethylphenol	290	U
111-91-1	bis(2-Chloroethoxy)methane	120	U
120-83-2	2,4-Dichlorophenol	160	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	260	U
91-20-3	Naphthalene	240	U
106-47-8	4-Chloroaniline	290	U
87-68-3	Hexachlorobutadiene	250	U
59-50-7	4-Chloro-3-methylphenol	200	U
91-57-6	2-Methylnaphthalene	270	U
77-47-4	Hexachlorocyclopentadiene	57	U
88-06-2	2,4,6-Trichlorophenol	190	U
	2,4,5-Trichlorophenol	210	U
91-58-7	2-Chloronaphthalene	180	U
88-74-4	2-Nitroaniline	170	U
131-11-3	Dimethylphthalate	150	U
208-96-8	Acenaphthylene	190	U
606-20-2	2,6-Dinitrotoluene	230	U
99-09-2	3-Nitroaniline	250	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

SBLK 59

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3500 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK 59

Sample wt/vol: 10 (g/ml) G Lab File ID: BN1538.D

Level: (low/med) LOW Date Received: 04/21/98

% Moisture: 0 decanted:(Y/N) N Date Extracted: 04/22/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/29/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	180	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	190	U
100-02-7	4-Nitrophenol	460	U
121-14-2	2,4-Dinitrotoluene	190	U
84-66-2	Diethylphthalate	200	U
86-73-7	Fluorene	190	U
7005-72-3	4-Chlorophenyl-phenylether	190	U
100-01-6	4-Nitroaniline	280	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	180	U
103-33-3	Azobenzene	190	U
101-55-3	4-Bromophenyl-phenylether	170	U
118-74-1	Hexachlorobenzene	260	U
87-86-5	Pentachlorophenol	300	U
85-01-8	Phenanthrene	190	U
120-12-7	Anthracene	190	U
84-74-2	Di-n-butylphthalate	18000	E
206-44-0	Fluoranthene	190	U
92-87-5	Benzidine	910	U
129-00-0	Pyrene	230	U
85-68-7	Butylbenzylphthalate	250	U
56-55-3	Benzo[a]anthracene	200	U
91-94-1	3,3'-Dichlorobenzidine	340	U
218-01-9	Chrysene	250	U
117-81-7	bis(2-Ethylhexyl)phthalate	140	J
117-84-0	Di-n-octylphthalate	280	U
205-99-2	Benzo[b]fluoranthene	250	U
207-08-9	Benzo[k]fluoranthene	180	U
50-32-8	Benzo[a]pyrene	190	U
193-39-5	Indeno[1,2,3-cd]pyrene	200	U
53-70-3	Dibenz[a,h]anthracene	240	U
191-24-2	Benzo[g,h,i]perylene	240	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

SBLK 59

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3500 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK 59

Sample wt/vol: 10 (g/ml) G Lab File ID: BN1538.D

Level: (low/med) LOW Date Received: 04/21/98

% Moisture: 0 decanted: (Y/N) N Date Extracted: 04/22/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/29/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000563-80-4	2-Butanone, 3-methyl-	3.31	1200	JN
2. 001454-84-8	1-Nonadecanol	26.40	6300	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

SBLK 60

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3501 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK 60

Sample wt/vol: 20 (g/ml) G Lab File ID: BN1576.D

Level: (low/med) LOW Date Received: 04/22/98

% Moisture: 0 decanted:(Y/N) N Date Extracted: 04/23/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/30/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	150	U
62-75-9	N-nitroso-dimethylamine	100	U
62-53-3	Aniline	110	U
108-95-2	Phenol	170	U
111-44-4	bis(2-Chloroethyl)ether	100	U
95-57-8	2-Chlorophenol	96	U
541-73-1	1,3-Dichlorobenzene	100	U
106-46-7	1,4-Dichlorobenzene	150	U
100-51-6	Benzyl alcohol	130	U
95-50-1	1,2-Dichlorobenzene	120	U
	2-Methylphenol	100	U
108-60-1	bis(2-chloroisopropyl)ether	130	U
	4-Methylphenol	130	U
621-64-7	n-Nitroso-di-n-propylamine	120	U
67-72-1	Hexachloroethane	100	U
98-95-3	Nitrobenzene	130	U
78-59-1	Isophorone	130	U
88-75-5	2-Nitrophenol	84	U
105-67-9	2,4-Dimethylphenol	150	U
111-91-1	bis(2-Chloroethoxy)methane	60	U
120-83-2	2,4-Dichlorophenol	79	U
65-85-0	Benzoic Acid	500	U
120-82-1	1,2,4-Trichlorobenzene	130	U
91-20-3	Naphthalene	120	U
106-47-8	4-Chloroaniline	150	U
87-68-3	Hexachlorobutadiene	120	U
59-50-7	4-Chloro-3-methylphenol	98	U
91-57-6	2-Methylnaphthalene	140	U
77-47-4	Hexachlorocyclopentadiene	28	U
88-06-2	2,4,6-Trichlorophenol	94	U
	2,4,5-Trichlorophenol	100	U
91-58-7	2-Chloronaphthalene	88	U
88-74-4	2-Nitroaniline	83	U
131-11-3	Dimethylphthalate	76	U
208-96-8	Acenaphthylene	96	U
606-20-2	2,6-Dinitrotoluene	110	U
99-09-2	3-Nitroaniline	130	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

SBLK 60

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3501 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK 60

Sample wt/vol: 20 (g/ml) G Lab File ID: BN1576.D

Level: (low/med) LOW Date Received: 04/22/98

% Moisture: 0 decanted:(Y/N) N Date Extracted: 04/23/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/30/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	88	U
51-28-5	2,4-Dinitrophenol	500	U
132-64-9	Dibenzofuran	93	U
100-02-7	4-Nitrophenol	230	U
121-14-2	2,4-Dinitrotoluene	93	U
84-66-2	Diethylphthalate	100	U
86-73-7	Fluorene	96	U
7005-72-3	4-Chlorophenyl-phenylether	94	U
100-01-6	4-Nitroaniline	140	U
534-52-1	4,6-Dinitro-2-methylphenol	500	U
86-30-6	n-Nitrosodiphenylamine	92	U
103-33-3	Azobenzene	96	U
101-55-3	4-Bromophenyl-phenylether	86	U
118-74-1	Hexachlorobenzene	130	U
87-86-5	Pentachlorophenol	150	U
85-01-8	Phenanthrene	96	U
120-12-7	Anthracene	96	U
84-74-2	Di-n-butylphthalate	3600	
206-44-0	Fluoranthene	97	U
92-87-5	Benzidine	450	U
129-00-0	Pyrene	110	U
85-68-7	Butylbenzylphthalate	130	U
56-55-3	Benzo[a]anthracene	98	U
91-94-1	3,3'-Dichlorobenzidine	170	U
218-01-9	Chrysene	130	U
117-81-7	bis(2-Ethylhexyl)phthalate	460	
117-84-0	Di-n-octylphthalate	140	U
205-99-2	Benzo[b]fluoranthene	120	U
207-08-9	Benzo[k]fluoranthene	91	U
50-32-8	Benzo[a]pyrene	94	U
193-39-5	Indeno[1,2,3-cd]pyrene	100	U
53-70-3	Dibenz[a,h]anthracene	120	U
191-24-2	Benzo[g,h,i]perylene	120	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

SBLK 60

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3501 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK 60

Sample wt/vol: 20 (g/ml) G Lab File ID: BN1576.D

Level: (low/med) LOW Date Received: 04/22/98

% Moisture: 0 decanted: (Y/N) N Date Extracted: 04/23/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/30/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	20.97	530	JN
2. 019047-85-9	Phosphonic acid, dioctadecyl est	26.41	1600	JN

001129

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

SBLK 63

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3539 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK 63

Sample wt/vol: 10 (g/ml) G Lab File ID: BN1609.D

Level: (low/med) LOW Date Received: 05/01/98

% Moisture: 0 decanted:(Y/N) N Date Extracted: 05/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/06/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	300	U
62-75-9	N-nitroso-dimethylamine	200	U
62-53-3	Aniline	220	U
108-95-2	Phenol	330	U
111-44-4	bis(2-Chloroethyl)ether	210	U
95-57-8	2-Chlorophenol	190	U
541-73-1	1,3-Dichlorobenzene	210	U
106-46-7	1,4-Dichlorobenzene	290	U
100-51-6	Benzyl alcohol	270	U
95-50-1	1,2-Dichlorobenzene	240	U
	2-Methylphenol	200	U
108-60-1	bis(2-chloroisopropyl)ether	250	U
	4-Methylphenol	270	U
621-64-7	n-Nitroso-di-n-propylamine	240	U
67-72-1	Hexachloroethane	210	U
98-95-3	Nitrobenzene	270	U
78-59-1	Isophorone	260	U
88-75-5	2-Nitrophenol	170	U
105-67-9	2,4-Dimethylphenol	290	U
111-91-1	bis(2-Chloroethoxy)methane	120	U
120-83-2	2,4-Dichlorophenol	160	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	260	U
91-20-3	Naphthalene	240	U
106-47-8	4-Chloroaniline	290	U
87-68-3	Hexachlorobutadiene	250	U
59-50-7	4-Chloro-3-methylphenol	200	U
91-57-6	2-Methylnaphthalene	270	U
77-47-4	Hexachlorocyclopentadiene	57	U
88-06-2	2,4,6-Trichlorophenol	190	U
	2,4,5-Trichlorophenol	210	U
91-58-7	2-Chloronaphthalene	180	U
88-74-4	2-Nitroaniline	170	U
131-11-3	Dimethylphthalate	150	U
208-96-8	Acenaphthylene	190	U
606-20-2	2,6-Dinitrotoluene	230	U
99-09-2	3-Nitroaniline	250	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

SBLK 63

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3539 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK 63

Sample wt/vol: 10 (g/ml) G Lab File ID: BN1609.D

Level: (low/med) LOW Date Received: 05/01/98

% Moisture: 0 decanted:(Y/N) N Date Extracted: 05/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/06/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	180	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	190	U
100-02-7	4-Nitrophenol	460	U
121-14-2	2,4-Dinitrotoluene	190	U
84-66-2	Diethylphthalate	200	U
86-73-7	Fluorene	190	U
7005-72-3	4-Chlorophenyl-phenylether	190	U
100-01-6	4-Nitroaniline	280	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	180	U
103-33-3	Azobenzene	190	U
101-55-3	4-Bromophenyl-phenylether	170	U
118-74-1	Hexachlorobenzene	260	U
87-86-5	Pentachlorophenol	300	U
85-01-8	Phenanthrene	190	U
120-12-7	Anthracene	190	U
84-74-2	Di-n-butylphthalate	750	J
206-44-0	Fluoranthene	190	U
92-87-5	Benzidine	910	U
129-00-0	Pyrene	230	U
85-68-7	Butylbenzylphthalate	250	U
56-55-3	Benzo[a]anthracene	200	U
91-94-1	3,3'-Dichlorobenzidine	340	U
218-01-9	Chrysene	250	U
117-81-7	bis(2-Ethylhexyl)phthalate	120	J
117-84-0	Di-n-octylphthalate	280	U
205-99-2	Benzo[b]fluoranthene	250	U
207-08-9	Benzo[k]fluoranthene	180	U
50-32-8	Benzo[a]pyrene	190	U
193-39-5	Indeno[1,2,3-cd]pyrene	200	U
53-70-3	Dibenz[a,h]anthracene	240	U
191-24-2	Benzo[g,h,i]perylene	240	U

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

SBLK 63

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3539 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK 63

Sample wt/vol: 10 (g/ml) G Lab File ID: BN1609.D

Level: (low/med) LOW Date Received: 05/01/98

% Moisture: 0 decanted: (Y/N) N Date Extracted: 05/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/06/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	20.95	1300	JN
2. 019047-85-9	Phosphonic acid, dioctadecyl est	26.39	4300	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

SBLK 64

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3547 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK 64

Sample wt/vol: 10 (g/ml) G Lab File ID: BN1621.D

Level: (low/med) LOW Date Received: 05/05/98

% Moisture: 0 decanted:(Y/N) N Date Extracted: 05/06/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/07/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	300	U
62-75-9	N-nitroso-dimethylamine	200	U
62-53-3	Aniline	220	U
108-95-2	Phenol	330	U
111-44-4	bis(2-Chloroethyl)ether	210	U
95-57-8	2-Chlorophenol	190	U
541-73-1	1,3-Dichlorobenzene	210	U
106-46-7	1,4-Dichlorobenzene	290	U
100-51-6	Benzyl alcohol	270	U
95-50-1	1,2-Dichlorobenzene	240	U
	2-Methylphenol	200	U
108-60-1	bis(2-chloroisopropyl)ether	250	U
	4-Methylphenol	270	U
621-64-7	n-Nitroso-di-n-propylamine	240	U
67-72-1	Hexachloroethane	210	U
98-95-3	Nitrobenzene	270	U
78-59-1	Isophorone	260	U
88-75-5	2-Nitrophenol	170	U
105-67-9	2,4-Dimethylphenol	290	U
111-91-1	bis(2-Chloroethoxy)methane	120	U
120-83-2	2,4-Dichlorophenol	160	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	260	U
91-20-3	Naphthalene	240	U
106-47-8	4-Chloroaniline	290	U
87-68-3	Hexachlorobutadiene	250	U
59-50-7	4-Chloro-3-methylphenol	200	U
91-57-6	2-Methylnaphthalene	270	U
77-47-4	Hexachlorocyclopentadiene	57	U
88-06-2	2,4,6-Trichlorophenol	190	U
	2,4,5-Trichlorophenol	210	U
91-58-7	2-Chloronaphthalene	180	U
88-74-4	2-Nitroaniline	170	U
131-11-3	Dimethylphthalate	150	U
208-96-8	Acenaphthylene	190	U
606-20-2	2,6-Dinitrotoluene	230	U
99-09-2	3-Nitroaniline	250	U

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

SBLK 64

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3547 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK 64

Sample wt/vol: 10 (g/ml) G Lab File ID: BN1621.D

Level: (low/med) LOW Date Received: 05/05/98

% Moisture: 0 decanted:(Y/N) N Date Extracted: 05/06/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/07/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	180	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	190	U
100-02-7	4-Nitrophenol	460	U
121-14-2	2,4-Dinitrotoluene	190	U
84-66-2	Diethylphthalate	140	J
86-73-7	Fluorene	190	U
7005-72-3	4-Chlorophenyl-phenylether	190	U
100-01-6	4-Nitroaniline	280	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	180	U
103-33-3	Azobenzene	190	U
101-55-3	4-Bromophenyl-phenylether	170	U
118-74-1	Hexachlorobenzene	260	U
87-86-5	Pentachlorophenol	300	U
85-01-8	Phenanthrene	190	U
120-12-7	Anthracene	190	U
84-74-2	Di-n-butylphthalate	1100	
206-44-0	Fluoranthene	190	U
92-87-5	Benzidine	910	U
129-00-0	Pyrene	230	U
85-68-7	Butylbenzylphthalate	250	U
56-55-3	Benzo[a]anthracene	200	U
91-94-1	3,3'-Dichlorobenzidine	340	U
218-01-9	Chrysene	250	U
117-81-7	bis(2-Ethylhexyl)phthalate	280	U
117-84-0	Di-n-octylphthalate	280	U
205-99-2	Benzo[b]fluoranthene	250	U
207-08-9	Benzo[k]fluoranthene	180	U
50-32-8	Benzo[a]pyrene	190	U
193-39-5	Indeno[1,2,3-cd]pyrene	200	U
53-70-3	Dibenz[a,h]anthracene	240	U
191-24-2	Benzo[g,h,i]perylene	240	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

SBLK 64

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3547 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK 64

Sample wt/vol: 10 (g/ml) G Lab File ID: BN1621.D

Level: (low/med) LOW Date Received: 05/05/98

% Moisture: 0 decanted: (Y/N) N Date Extracted: 05/06/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/07/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 4

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-83-8	Cyclohexene	3.45	1600	JN
2. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	20.96	1600	JN
3. 001599-67-3	1-Docosene	26.39	7600	JN
4.	unknown	28.58	1200	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

SBLK 65

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3550 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK 65

Sample wt/vol: 10 (g/ml) G Lab File ID: BN1627.D

Level: (low/med) LOW Date Received: 05/06/98

% Moisture: 0 decanted:(Y/N) N Date Extracted: 05/07/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/07/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
110-86-1	Pyridine	300	U
62-75-9	N-nitroso-dimethylamine	200	U
62-53-3	Aniline	220	U
108-95-2	Phenol	330	U
111-44-4	bis(2-Chloroethyl)ether	210	U
95-57-8	2-Chlorophenol	190	U
541-73-1	1,3-Dichlorobenzene	210	U
106-46-7	1,4-Dichlorobenzene	290	U
100-51-6	Benzyl alcohol	270	U
95-50-1	1,2-Dichlorobenzene	240	U
	2-Methylphenol	200	U
108-60-1	bis(2-chloroisopropyl)ether	250	U
	4-Methylphenol	270	U
621-64-7	n-Nitroso-di-n-propylamine	240	U
67-72-1	Hexachloroethane	210	U
98-95-3	Nitrobenzene	270	U
78-59-1	Isophorone	260	U
88-75-5	2-Nitrophenol	170	U
105-67-9	2,4-Dimethylphenol	290	U
111-91-1	bis(2-Chloroethoxy)methane	120	U
120-83-2	2,4-Dichlorophenol	160	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	260	U
91-20-3	Naphthalene	240	U
106-47-8	4-Chloroaniline	290	U
87-68-3	Hexachlorobutadiene	250	U
59-50-7	4-Chloro-3-methylphenol	200	U
91-57-6	2-Methylnaphthalene	270	U
77-47-4	Hexachlorocyclopentadiene	57	U
88-06-2	2,4,6-Trichlorophenol	190	U
	2,4,5-Trichlorophenol	210	U
91-58-7	2-Chloronaphthalene	180	U
88-74-4	2-Nitroaniline	170	U
131-11-3	Dimethylphthalate	150	U
208-96-8	Acenaphthylene	190	U
606-20-2	2,6-Dinitrotoluene	230	U
99-09-2	3-Nitroaniline	250	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

SBLK 65

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3550 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK 65

Sample wt/vol: 10 (g/ml) G Lab File ID: BN1627.D

Level: (low/med) LOW Date Received: 05/06/98

% Moisture: 0 decanted:(Y/N) N Date Extracted: 05/07/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/07/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	180	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	190	U
100-02-7	4-Nitrophenol	460	U
121-14-2	2,4-Dinitrotoluene	190	U
84-66-2	Diethylphthalate	200	U
86-73-7	Fluorene	190	U
7005-72-3	4-Chlorophenyl-phenylether	190	U
100-01-6	4-Nitroaniline	280	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	180	U
103-33-3	Azobenzene	190	U
101-55-3	4-Bromophenyl-phenylether	170	U
118-74-1	Hexachlorobenzene	260	U
87-86-5	Pentachlorophenol	300	U
85-01-8	Phenanthrene	190	U
120-12-7	Anthracene	190	U
84-74-2	Di-n-butylphthalate	130	J
206-44-0	Fluoranthene	190	U
92-87-5	Benzidine	910	U
129-00-0	Pyrene	230	U
85-68-7	Butylbenzylphthalate	250	U
56-55-3	Benzo[a]anthracene	200	U
91-94-1	3,3'-Dichlorobenzidine	340	U
218-01-9	Chrysene	250	U
117-81-7	bis(2-Ethylhexyl)phthalate	280	U
117-84-0	Di-n-octylphthalate	280	U
205-99-2	Benzo[b]fluoranthene	250	U
207-08-9	Benzo[k]fluoranthene	180	U
50-32-8	Benzo[a]pyrene	190	U
193-39-5	Indeno[1,2,3-cd]pyrene	200	U
53-70-3	Dibenz[a,h]anthracene	240	U
191-24-2	Benzo[g,h,i]perylene	240	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

SBLK 65

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3550 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK 65

Sample wt/vol: 10 (g/ml) G Lab File ID: BN1627.D

Level: (low/med) LOW Date Received: 05/06/98

% Moisture: 0 decanted: (Y/N) N Date Extracted: 05/07/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/07/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-83-8	Cyclohexene	3.44	7100	JN
2. 019047-85-9	Phosphonic acid, dioctadecyl est	26.38	3000	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

SBLK 68

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3561 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK 68

Sample wt/vol: 10 (g/ml) G Lab File ID: BN1689.D

Level: (low/med) LOW Date Received: 05/11/98

% Moisture: 0 decanted:(Y/N) N Date Extracted: 05/12/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/20/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	300	U
62-75-9	N-nitroso-dimethylamine	200	U
62-53-3	Aniline	220	U
108-95-2	Phenol	330	U
111-44-4	bis(2-Chloroethyl)ether	210	U
95-57-8	2-Chlorophenol	190	U
541-73-1	1,3-Dichlorobenzene	210	U
106-46-7	1,4-Dichlorobenzene	290	U
100-51-6	Benzyl alcohol	270	U
95-50-1	1,2-Dichlorobenzene	240	U
	2-Methylphenol	200	U
108-60-1	bis(2-chloroisopropyl)ether	250	U
	4-Methylphenol	270	U
621-64-7	n-Nitroso-di-n-propylamine	240	U
67-72-1	Hexachloroethane	210	U
98-95-3	Nitrobenzene	270	U
78-59-1	Isophorone	260	U
88-75-5	2-Nitrophenol	170	U
105-67-9	2,4-Dimethylphenol	290	U
111-91-1	bis(2-Chloroethoxy)methane	120	U
120-83-2	2,4-Dichlorophenol	160	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	260	U
91-20-3	Naphthalene	240	U
106-47-8	4-Chloroaniline	290	U
87-68-3	Hexachlorobutadiene	250	U
59-50-7	4-Chloro-3-methylphenol	200	U
91-57-6	2-Methylnaphthalene	270	U
77-47-4	Hexachlorocyclopentadiene	57	U
88-06-2	2,4,6-Trichlorophenol	190	U
	2,4,5-Trichlorophenol	210	U
91-58-7	2-Chloronaphthalene	180	U
88-74-4	2-Nitroaniline	170	U
131-11-3	Dimethylphthalate	150	U
208-96-8	Acenaphthylene	190	U
606-20-2	2,6-Dinitrotoluene	230	U
99-09-2	3-Nitroaniline	250	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

SBLK 68

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3561 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK 68

Sample wt/vol: 10 (g/ml) G Lab File ID: BN1689.D

Level: (low/med) LOW Date Received: 05/11/98

% Moisture: 0 decanted:(Y/N) N Date Extracted: 05/12/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/20/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	180	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	190	U
100-02-7	4-Nitrophenol	460	U
121-14-2	2,4-Dinitrotoluene	190	U
84-66-2	Diethylphthalate	200	U
86-73-7	Fluorene	190	U
7005-72-3	4-Chlorophenyl-phenylether	190	U
100-01-6	4-Nitroaniline	280	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	180	U
103-33-3	Azobenzene	190	U
101-55-3	4-Bromophenyl-phenylether	170	U
118-74-1	Hexachlorobenzene	260	U
87-86-5	Pentachlorophenol	300	U
85-01-8	Phenanthrene	190	U
120-12-7	Anthracene	190	U
84-74-2	Di-n-butylphthalate	120	J
206-44-0	Fluoranthene	190	U
92-87-5	Benzidine	910	U
129-00-0	Pyrene	230	U
85-68-7	Butylbenzylphthalate	250	U
56-55-3	Benzo[a]anthracene	200	U
91-94-1	3,3'-Dichlorobenzidine	340	U
218-01-9	Chrysene	250	U
117-81-7	bis(2-Ethylhexyl)phthalate	280	U
117-84-0	Di-n-octylphthalate	280	U
205-99-2	Benzo[b]fluoranthene	250	U
207-08-9	Benzo[k]fluoranthene	180	U
50-32-8	Benzo[a]pyrene	190	U
193-39-5	Indeno[1,2,3-cd]pyrene	200	U
53-70-3	Dibenz[a,h]anthracene	240	U
191-24-2	Benzo[g,h,i]perylene	240	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

SBLK 68

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3561 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK 68

Sample wt/vol: 10 (g/ml) G Lab File ID: BN1689.D

Level: (low/med) LOW Date Received: 05/11/98

% Moisture: 0 decanted: (Y/N) N Date Extracted: 05/12/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/20/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 2

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	3.37	6300	J
2. 000629-96-9	1-Eicosanol	26.37	1200	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

SBLK 69

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3567 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK 69

Sample wt/vol: 20 (g/ml) G Lab File ID: BN1707.D

Level: (low/med) LOW Date Received: 05/14/98

% Moisture: 0 decanted:(Y/N) N Date Extracted: 05/15/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	150	U
62-75-9	N-nitroso-dimethylamine	100	U
62-53-3	Aniline	110	U
108-95-2	Phenol	170	U
111-44-4	bis(2-Chloroethyl)ether	100	U
95-57-8	2-Chlorophenol	96	U
541-73-1	1,3-Dichlorobenzene	100	U
106-46-7	1,4-Dichlorobenzene	150	U
100-51-6	Benzyl alcohol	130	U
95-50-1	1,2-Dichlorobenzene	120	U
	2-Methylphenol	100	U
108-60-1	bis(2-chloroisopropyl)ether	130	U
	4-Methylphenol	130	U
621-64-7	n-Nitroso-di-n-propylamine	120	U
67-72-1	Hexachloroethane	100	U
98-95-3	Nitrobenzene	130	U
78-59-1	Isophorone	130	U
88-75-5	2-Nitrophenol	84	U
105-67-9	2,4-Dimethylphenol	150	U
111-91-1	bis(2-Chloroethoxy)methane	60	U
120-83-2	2,4-Dichlorophenol	79	U
65-85-0	Benzoic Acid	500	U
120-82-1	1,2,4-Trichlorobenzene	130	U
91-20-3	Naphthalene	120	U
106-47-8	4-Chloroaniline	150	U
87-68-3	Hexachlorobutadiene	120	U
59-50-7	4-Chloro-3-methylphenol	98	U
91-57-6	2-Methylnaphthalene	140	U
77-47-4	Hexachlorocyclopentadiene	28	U
88-06-2	2,4,6-Trichlorophenol	94	U
	2,4,5-Trichlorophenol	100	U
91-58-7	2-Chloronaphthalene	88	U
88-74-4	2-Nitroaniline	83	U
131-11-3	Dimethylphthalate	76	U
208-96-8	Acenaphthylene	96	U
606-20-2	2,6-Dinitrotoluene	110	U
99-09-2	3-Nitroaniline	130	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

SBLK 69

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3567 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK 69

Sample wt/vol: 20 (g/ml) G Lab File ID: BN1707.D

Level: (low/med) LOW Date Received: 05/14/98

% Moisture: 0 decanted:(Y/N) N Date Extracted: 05/15/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	88	U
51-28-5	2,4-Dinitrophenol	500	U
132-64-9	Dibenzofuran	93	U
100-02-7	4-Nitrophenol	230	U
121-14-2	2,4-Dinitrotoluene	93	U
84-66-2	Diethylphthalate	100	U
86-73-7	Fluorene	96	U
7005-72-3	4-Chlorophenyl-phenylether	94	U
100-01-6	4-Nitroaniline	140	U
534-52-1	4,6-Dinitro-2-methylphenol	500	U
86-30-6	n-Nitrosodiphenylamine	92	U
103-33-3	Azobenzene	96	U
101-55-3	4-Bromophenyl-phenylether	86	U
118-74-1	Hexachlorobenzene	130	U
87-86-5	Pentachlorophenol	150	U
85-01-8	Phenanthrene	96	U
120-12-7	Anthracene	96	U
84-74-2	Di-n-butylphthalate	370	J
206-44-0	Fluoranthene	97	U
92-87-5	Benzidine	450	U
129-00-0	Pyrene	110	U
85-68-7	Butylbenzylphthalate	130	U
56-55-3	Benzo[a]anthracene	98	U
91-94-1	3,3'-Dichlorobenzidine	170	U
218-01-9	Chrysene	130	U
117-81-7	bis(2-Ethylhexyl)phthalate	110	J
117-84-0	Di-n-octylphthalate	140	U
205-99-2	Benzo[b]fluoranthene	120	U
207-08-9	Benzo[k]fluoranthene	91	U
50-32-8	Benzo[a]pyrene	94	U
193-39-5	Indeno[1,2,3-cd]pyrene	100	U
53-70-3	Dibenz[a,h]anthracene	120	U
191-24-2	Benzo[g,h,i]perylene	120	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

SBLK 69

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3567 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK 69

Sample wt/vol: 20 (g/ml) G Lab File ID: BN1707.D

Level: (low/med) LOW Date Received: 05/14/98

% Moisture: 0 decanted: (Y/N) N Date Extracted: 05/15/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 3 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	20.94	560	JN
2. 001599-67-3	1-Docosene	26.38	3300	JN
3.	unknown	28.88	420	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

SBLK 70

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3571 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK 70

Sample wt/vol: 10 (g/ml) G Lab File ID: BN1709.D

Level: (low/med) LOW Date Received: 05/15/98

% Moisture: 0 decanted:(Y/N) N Date Extracted: 05/18/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	300	U
62-75-9	N-nitroso-dimethylamine	200	U
62-53-3	Aniline	220	U
108-95-2	Phenol	330	U
111-44-4	bis(2-Chloroethyl)ether	210	U
95-57-8	2-Chlorophenol	190	U
541-73-1	1,3-Dichlorobenzene	210	U
106-46-7	1,4-Dichlorobenzene	290	U
100-51-6	Benzyl alcohol	270	U
95-50-1	1,2-Dichlorobenzene	240	U
	2-Methylphenol	200	U
108-60-1	bis(2-chloroisopropyl)ether	250	U
	4-Methylphenol	270	U
621-64-7	n-Nitroso-di-n-propylamine	240	U
67-72-1	Hexachloroethane	210	U
98-95-3	Nitrobenzene	270	U
78-59-1	Isophorone	260	U
88-75-5	2-Nitrophenol	170	U
105-67-9	2,4-Dimethylphenol	290	U
111-91-1	bis(2-Chloroethoxy)methane	120	U
120-83-2	2,4-Dichlorophenol	160	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	260	U
91-20-3	Naphthalene	240	U
106-47-8	4-Chloroaniline	290	U
87-68-3	Hexachlorobutadiene	250	U
59-50-7	4-Chloro-3-methylphenol	200	U
91-57-6	2-Methylnaphthalene	270	U
77-47-4	Hexachlorocyclopentadiene	57	U
88-06-2	2,4,6-Trichlorophenol	190	U
	2,4,5-Trichlorophenol	210	U
91-58-7	2-Chloronaphthalene	180	U
88-74-4	2-Nitroaniline	170	U
131-11-3	Dimethylphthalate	150	U
208-96-8	Acenaphthylene	190	U
606-20-2	2,6-Dinitrotoluene	230	U
99-09-2	3-Nitroaniline	250	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

SBLK 70

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3571 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK 70

Sample wt/vol: 10 (g/ml) G Lab File ID: BN1709.D

Level: (low/med) LOW Date Received: 05/15/98

% Moisture: 0 decanted:(Y/N) N Date Extracted: 05/18/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	180	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	190	U
100-02-7	4-Nitrophenol	460	U
121-14-2	2,4-Dinitrotoluene	190	U
84-66-2	Diethylphthalate	200	U
86-73-7	Fluorene	190	U
7005-72-3	4-Chlorophenyl-phenylether	190	U
100-01-6	4-Nitroaniline	280	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	180	U
103-33-3	Azobenzene	190	U
101-55-3	4-Bromophenyl-phenylether	170	U
118-74-1	Hexachlorobenzene	260	U
87-86-5	Pentachlorophenol	300	U
85-01-8	Phenanthrene	190	U
120-12-7	Anthracene	190	U
84-74-2	Di-n-butylphthalate	390	J
206-44-0	Fluoranthene	190	U
92-87-5	Benzidine	910	U
129-00-0	Pyrene	230	U
85-68-7	Butylbenzylphthalate	250	U
56-55-3	Benzo[a]anthracene	200	U
91-94-1	3,3'-Dichlorobenzidine	340	U
218-01-9	Chrysene	250	U
117-81-7	bis(2-Ethylhexyl)phthalate	150	J
117-84-0	Di-n-octylphthalate	280	U
205-99-2	Benzo[b]fluoranthene	250	U
207-08-9	Benzo[k]fluoranthene	180	U
50-32-8	Benzo[a]pyrene	190	U
193-39-5	Indeno[1,2,3-cd]pyrene	200	U
53-70-3	Dibenz[a,h]anthracene	240	U
191-24-2	Benzo[g,h,i]perylene	240	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

SBLK 70

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3571 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK 70

Sample wt/vol: 10 (g/ml) G Lab File ID: BN1709.D

Level: (low/med) LOW Date Received: 05/15/98

% Moisture: 0 decanted: (Y/N) N Date Extracted: 05/18/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000629-96-9	1-Eicosanol	26.38	6600	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

SBLK 72

Lab Name: FMETL Location: M-5

Cert. No. 13461 Case No.: 3550 Project N 980211 SDG No.

Matrix: (soil/water) SOIL Lab Sample ID: SBLK 72

Sample wt/vol: 20 (g/ml) G Lab File ID: BN1787.D

Level: (low/med) LOW Date Received: 05/18/98

% Moisture: 0 decanted:(Y/N) N Date Extracted: 05/20/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/28/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	500	U
62-75-9	N-nitroso-dimethylamine	500	U
62-53-3	Aniline	500	U
108-95-2	Phenol	500	U
111-44-4	bis(2-Chloroethyl)ether	500	U
95-57-8	2-Chlorophenol	500	U
541-73-1	1,3-Dichlorobenzene	500	U
106-46-7	1,4-Dichlorobenzene	500	U
100-51-6	Benzyl alcohol	500	U
95-50-1	1,2-Dichlorobenzene	500	U
	2-Methylphenol	500	U
108-60-1	bis(2-chloroisopropyl)ether	500	U
	4-Methylphenol	500	U
621-64-7	n-Nitroso-di-n-propylamine	500	U
67-72-1	Hexachloroethane	500	U
98-95-3	Nitrobenzene	500	U
78-59-1	Isophorone	500	U
88-75-5	2-Nitrophenol	500	U
105-67-9	2,4-Dimethylphenol	500	U
111-91-1	bis(2-Chloroethoxy)methane	500	U
120-83-2	2,4-Dichlorophenol	500	U
65-85-0	Benzoic Acid	500	U
120-82-1	1,2,4-Trichlorobenzene	500	U
91-20-3	Naphthalene	500	U
106-47-8	4-Chloroaniline	500	U
87-68-3	Hexachlorobutadiene	500	U
59-50-7	4-Chloro-3-methylphenol	500	U
91-57-6	2-Methylnaphthalene	500	U
77-47-4	Hexachlorocyclopentadiene	500	U
88-06-2	2,4,6-Trichlorophenol	500	U
	2,4,5-Trichlorophenol	500	U
91-58-7	2-Chloronaphthalene	500	U
88-74-4	2-Nitroaniline	500	U
131-11-3	Dimethylphthalate	500	U
208-96-8	Acenaphthylene	500	U
606-20-2	2,6-Dinitrotoluene	500	U
99-09-2	3-Nitroaniline	500	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

SBLK 72

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3576 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK 72

Sample wt/vol: 20 (g/ml) G Lab File ID: BN1787.D

Level: (low/med) LOW Date Received: 05/18/98

% Moisture: 0 decanted:(Y/N) N Date Extracted: 05/20/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/28/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	88	U
51-28-5	2,4-Dinitrophenol	500	U
132-64-9	Dibenzofuran	93	U
100-02-7	4-Nitrophenol	230	U
121-14-2	2,4-Dinitrotoluene	93	U
84-66-2	Diethylphthalate	100	U
86-73-7	Fluorene	96	U
7005-72-3	4-Chlorophenyl-phenylether	94	U
100-01-6	4-Nitroaniline	140	U
534-52-1	4,6-Dinitro-2-methylphenol	500	U
86-30-6	n-Nitrosodiphenylamine	92	U
103-33-3	Azobenzene	96	U
101-55-3	4-Bromophenyl-phenylether	86	U
118-74-1	Hexachlorobenzene	130	U
87-86-5	Pentachlorophenol	150	U
85-01-8	Phenanthrene	96	U
120-12-7	Anthracene	96	U
84-74-2	Di-n-butylphthalate	160	J
206-44-0	Fluoranthene	97	U
92-87-5	Benzidine	450	U
129-00-0	Pyrene	110	U
85-68-7	Butylbenzylphthalate	130	U
56-55-3	Benzo[a]anthracene	98	U
91-94-1	3,3'-Dichlorobenzidine	170	U
218-01-9	Chrysene	130	U
117-81-7	bis(2-Ethylhexyl)phthalate	140	U
117-84-0	Di-n-octylphthalate	140	U
205-99-2	Benzo[b]fluoranthene	120	U
207-08-9	Benzo[k]fluoranthene	91	U
50-32-8	Benzo[a]pyrene	94	U
193-39-5	Indeno[1,2,3-cd]pyrene	100	U
53-70-3	Dibenz[a,h]anthracene	120	U
191-24-2	Benzo[g,h,i]perylene	120	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

SBLK 72

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3576 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK 72

Sample wt/vol: 20 (g/ml) G Lab File ID: BN1787.D

Level: (low/med) LOW Date Received: 05/18/98

% Moisture: 0 decanted: (Y/N) N Date Extracted: 05/20/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/28/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	3.31	530	J
2. 001599-67-3	1-Docosene	26.36	4000	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

SBLK 74

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3584 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK 74

Sample wt/vol: 10 (g/ml) G Lab File ID: BN1820.D

Level: (low/med) LOW Date Received: 05/20/98

% Moisture: 0 decanted:(Y/N) N Date Extracted: 05/21/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/29/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	300	U
62-75-9	N-nitroso-dimethylamine	200	U
62-53-3	Aniline	220	U
108-95-2	Phenol	330	U
111-44-4	bis(2-Chloroethyl)ether	210	U
95-57-8	2-Chlorophenol	190	U
541-73-1	1,3-Dichlorobenzene	210	U
106-46-7	1,4-Dichlorobenzene	290	U
100-51-6	Benzyl alcohol	270	U
95-50-1	1,2-Dichlorobenzene	240	U
	2-Methylphenol	200	U
108-60-1	bis(2-chloroisopropyl)ether	250	U
	4-Methylphenol	270	U
621-64-7	n-Nitroso-di-n-propylamine	240	U
67-72-1	Hexachloroethane	210	U
98-95-3	Nitrobenzene	270	U
78-59-1	Isophorone	260	U
88-75-5	2-Nitrophenol	170	U
105-67-9	2,4-Dimethylphenol	290	U
111-91-1	bis(2-Chloroethoxy)methane	120	U
120-83-2	2,4-Dichlorophenol	160	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	260	U
91-20-3	Naphthalene	240	U
106-47-8	4-Chloroaniline	290	U
87-68-3	Hexachlorobutadiene	250	U
59-50-7	4-Chloro-3-methylphenol	200	U
91-57-6	2-Methylnaphthalene	270	U
77-47-4	Hexachlorocyclopentadiene	57	U
88-06-2	2,4,6-Trichlorophenol	190	U
	2,4,5-Trichlorophenol	210	U
91-58-7	2-Chloronaphthalene	180	U
88-74-4	2-Nitroaniline	170	U
131-11-3	Dimethylphthalate	150	U
208-96-8	Acenaphthylene	190	U
606-20-2	2,6-Dinitrotoluene	230	U
99-09-2	3-Nitroaniline	250	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

SBLK 74

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3584 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK 74

Sample wt/vol: 10 (g/ml) G Lab File ID: BN1820.D

Level: (low/med) LOW Date Received: 05/20/98

% Moisture: 0 decanted:(Y/N) N Date Extracted: 05/21/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/29/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	180	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	190	U
100-02-7	4-Nitrophenol	460	U
121-14-2	2,4-Dinitrotoluene	190	U
84-66-2	Diethylphthalate	200	U
86-73-7	Fluorene	190	U
7005-72-3	4-Chlorophenyl-phenylether	190	U
100-01-6	4-Nitroaniline	280	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	180	U
103-33-3	Azobenzene	190	U
101-55-3	4-Bromophenyl-phenylether	170	U
118-74-1	Hexachlorobenzene	260	U
87-86-5	Pentachlorophenol	300	U
85-01-8	Phenanthrene	190	U
120-12-7	Anthracene	190	U
84-74-2	Di-n-butylphthalate	440	J
206-44-0	Fluoranthene	190	U
92-87-5	Benzidine	910	U
129-00-0	Pyrene	230	U
85-68-7	Butylbenzylphthalate	250	U
56-55-3	Benzo[a]anthracene	200	U
91-94-1	3,3'-Dichlorobenzidine	340	U
218-01-9	Chrysene	250	U
117-81-7	bis(2-Ethylhexyl)phthalate	280	U
117-84-0	Di-n-octylphthalate	280	U
205-99-2	Benzo[b]fluoranthene	250	U
207-08-9	Benzo[k]fluoranthene	180	U
50-32-8	Benzo[a]pyrene	190	U
193-39-5	Indeno[1,2,3-cd]pyrene	200	U
53-70-3	Dibenz[a,h]anthracene	240	U
191-24-2	Benzo[g,h,i]perylene	240	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

SBLK 74

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3584 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK 74

Sample wt/vol: 10 (g/ml) G Lab File ID: BN1820.D

Level: (low/med) LOW Date Received: 05/20/98

% Moisture: 0 decanted: (Y/N) N Date Extracted: 05/21/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/29/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000112-92-5	1-Octadecanol	26.35	5400	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

SBLK 75

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3588 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK 75

Sample wt/vol: 10 (g/ml) G Lab File ID: BN1862.D

Level: (low/med) LOW Date Received: 05/21/98

% Moisture: 0 decanted:(Y/N) N Date Extracted: 05/22/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/06/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	300	U
62-75-9	N-nitroso-dimethylamine	200	U
62-53-3	Aniline	220	U
108-95-2	Phenol	330	U
111-44-4	bis(2-Chloroethyl)ether	210	U
95-57-8	2-Chlorophenol	190	U
541-73-1	1,3-Dichlorobenzene	210	U
106-46-7	1,4-Dichlorobenzene	290	U
100-51-6	Benzyl alcohol	270	U
95-50-1	1,2-Dichlorobenzene	240	U
	2-Methylphenol	200	U
108-60-1	bis(2-chloroisopropyl)ether	250	U
	4-Methylphenol	270	U
621-64-7	n-Nitroso-di-n-propylamine	240	U
67-72-1	Hexachloroethane	210	U
98-95-3	Nitrobenzene	270	U
78-59-1	Isophorone	260	U
88-75-5	2-Nitrophenol	170	U
105-67-9	2,4-Dimethylphenol	290	U
111-91-1	bis(2-Chloroethoxy)methane	120	U
120-83-2	2,4-Dichlorophenol	160	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	260	U
91-20-3	Naphthalene	240	U
106-47-8	4-Chloroaniline	290	U
87-68-3	Hexachlorobutadiene	250	U
59-50-7	4-Chloro-3-methylphenol	200	U
91-57-6	2-Methylnaphthalene	270	U
77-47-4	Hexachlorocyclopentadiene	57	U
88-06-2	2,4,6-Trichlorophenol	190	U
	2,4,5-Trichlorophenol	210	U
91-58-7	2-Chloronaphthalene	180	U
88-74-4	2-Nitroaniline	170	U
131-11-3	Dimethylphthalate	150	U
208-96-8	Acenaphthylene	190	U
606-20-2	2,6-Dinitrotoluene	230	U
99-09-2	3-Nitroaniline	250	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

SBLK 75

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3588 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK 75

Sample wt/vol: 10 (g/ml) G Lab File ID: BN1862.D

Level: (low/med) LOW Date Received: 05/21/98

% Moisture: 0 decanted:(Y/N) N Date Extracted: 05/22/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/06/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	180	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	190	U
100-02-7	4-Nitrophenol	460	U
121-14-2	2,4-Dinitrotoluene	190	U
84-66-2	Diethylphthalate	200	U
86-73-7	Fluorene	190	U
7005-72-3	4-Chlorophenyl-phenylether	190	U
100-01-6	4-Nitroaniline	280	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	180	U
103-33-3	Azobenzene	190	U
101-55-3	4-Bromophenyl-phenylether	170	U
118-74-1	Hexachlorobenzene	260	U
87-86-5	Pentachlorophenol	300	U
85-01-8	Phenanthrene	190	U
120-12-7	Anthracene	190	U
84-74-2	Di-n-butylphthalate	400	J
206-44-0	Fluoranthene	190	U
92-87-5	Benzidine	910	U
129-00-0	Pyrene	230	U
85-68-7	Butylbenzylphthalate	250	U
56-55-3	Benzo[a]anthracene	200	U
91-94-1	3,3'-Dichlorobenzidine	340	U
218-01-9	Chrysene	250	U
117-81-7	bis(2-Ethylhexyl)phthalate	280	U
117-84-0	Di-n-octylphthalate	280	U
205-99-2	Benzo[b]fluoranthene	250	U
207-08-9	Benzo[k]fluoranthene	180	U
50-32-8	Benzo[a]pyrene	190	U
193-39-5	Indeno[1,2,3-cd]pyrene	200	U
53-70-3	Dibenz[a,h]anthracene	240	U
191-24-2	Benzo[g,h,i]perylene	240	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

SBLK 75

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3588 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK 75

Sample wt/vol: 10 (g/ml) G Lab File ID: BN1862.D

Level: (low/med) LOW Date Received: 05/21/98

% Moisture: 0 decanted: (Y/N) N Date Extracted: 05/22/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/06/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 074685-30-6	5-Eicosene, (E)-	26.33	5100	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

SBLK 76

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3593 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK 76

Sample wt/vol: 10 (g/ml) G Lab File ID: BN1834.D

Level: (low/med) LOW Date Received: 05/26/98

% Moisture: 0 decanted:(Y/N) N Date Extracted: 05/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/03/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	300	U
62-75-9	N-nitroso-dimethylamine	200	U
62-53-3	Aniline	220	U
108-95-2	Phenol	330	U
111-44-4	bis(2-Chloroethyl)ether	210	U
95-57-8	2-Chlorophenol	190	U
541-73-1	1,3-Dichlorobenzene	210	U
106-46-7	1,4-Dichlorobenzene	290	U
100-51-6	Benzyl alcohol	270	U
95-50-1	1,2-Dichlorobenzene	240	U
	2-Methylphenol	200	U
108-60-1	bis(2-chloroisopropyl)ether	250	U
	4-Methylphenol	270	U
621-64-7	n-Nitroso-di-n-propylamine	240	U
67-72-1	Hexachloroethane	210	U
98-95-3	Nitrobenzene	270	U
78-59-1	Isophorone	260	U
88-75-5	2-Nitrophenol	170	U
105-67-9	2,4-Dimethylphenol	290	U
111-91-1	bis(2-Chloroethoxy)methane	120	U
120-83-2	2,4-Dichlorophenol	160	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	260	U
91-20-3	Naphthalene	240	U
106-47-8	4-Chloroaniline	290	U
87-68-3	Hexachlorobutadiene	250	U
59-50-7	4-Chloro-3-methylphenol	200	U
91-57-6	2-Methylnaphthalene	270	U
77-47-4	Hexachlorocyclopentadiene	57	U
88-06-2	2,4,6-Trichlorophenol	190	U
	2,4,5-Trichlorophenol	210	U
91-58-7	2-Chloronaphthalene	180	U
88-74-4	2-Nitroaniline	170	U
131-11-3	Dimethylphthalate	150	U
208-96-8	Acenaphthylene	190	U
606-20-2	2,6-Dinitrotoluene	230	U
99-09-2	3-Nitroaniline	250	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

SBLK 76

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3593 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK 76

Sample wt/vol: 10 (g/ml) G Lab File ID: BN1834.D

Level: (low/med) LOW Date Received: 05/26/98

% Moisture: 0 decanted:(Y/N) N Date Extracted: 05/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/03/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
83-32-9	Acenaphthene	180	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	190	U
100-02-7	4-Nitrophenol	460	U
121-14-2	2,4-Dinitrotoluene	190	U
84-66-2	Diethylphthalate	200	U
86-73-7	Fluorene	190	U
7005-72-3	4-Chlorophenyl-phenylether	190	U
100-01-6	4-Nitroaniline	280	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	180	U
103-33-3	Azobenzene	190	U
101-55-3	4-Bromophenyl-phenylether	170	U
118-74-1	Hexachlorobenzene	260	U
87-86-5	Pentachlorophenol	300	U
85-01-8	Phenanthrene	190	U
120-12-7	Anthracene	190	U
84-74-2	Di-n-butylphthalate	640	J
206-44-0	Fluoranthene	190	U
92-87-5	Benzidine	910	U
129-00-0	Pyrene	230	U
85-68-7	Butylbenzylphthalate	250	U
56-55-3	Benzo[a]anthracene	200	U
91-94-1	3,3'-Dichlorobenzidine	340	U
218-01-9	Chrysene	250	U
117-81-7	bis(2-Ethylhexyl)phthalate	130	J
117-84-0	Di-n-octylphthalate	280	U
205-99-2	Benzo[b]fluoranthene	250	U
207-08-9	Benzo[k]fluoranthene	180	U
50-32-8	Benzo[a]pyrene	190	U
193-39-5	Indeno[1,2,3-cd]pyrene	200	U
53-70-3	Dibenz[a,h]anthracene	240	U
191-24-2	Benzo[g,h,i]perylene	240	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

SBLK 76

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3593 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK 76

Sample wt/vol: 10 (g/ml) G Lab File ID: BN1834.D

Level: (low/med) LOW Date Received: 05/26/98

% Moisture: 0 decanted: (Y/N) N Date Extracted: 05/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/03/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 3 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	20.93	4900	JN
2. 074685-30-6	5-Eicosene, (E)-	26.35	8800	JN
3. 000105-87-3	2,6-Octadien-1-ol, 3,7-dimethyl-,	28.85	4300	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

SBLK 94

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3665 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK 94

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA00238.D

Level: (low/med) LOW Date Received: 06/18/98

% Moisture: 0 decanted:(Y/N) N Date Extracted: 06/18/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	300	U
62-75-9	N-nitroso-dimethylamine	200	U
62-53-3	Aniline	220	U
108-95-2	Phenol	330	U
111-44-4	bis(2-Chloroethyl)ether	210	U
95-57-8	2-Chlorophenol	190	U
541-73-1	1,3-Dichlorobenzene	210	U
106-46-7	1,4-Dichlorobenzene	290	U
100-51-6	Benzyl alcohol	270	U
95-50-1	1,2-Dichlorobenzene	240	U
	2-Methylphenol	200	U
108-60-1	bis(2-chloroisopropyl)ether	250	U
	4-Methylphenol	270	U
621-64-7	n-Nitroso-di-n-propylamine	240	U
67-72-1	Hexachloroethane	210	U
98-95-3	Nitrobenzene	270	U
78-59-1	Isophorone	260	U
88-75-5	2-Nitrophenol	170	U
105-67-9	2,4-Dimethylphenol	290	U
111-91-1	bis(2-Chloroethoxy)methane	120	U
120-83-2	2,4-Dichlorophenol	160	U
65-85-0	Benzoic Acid	500	U
120-82-1	1,2,4-Trichlorobenzene	260	U
91-20-3	Naphthalene	240	U
106-47-8	4-Chloroaniline	290	U
87-68-3	Hexachlorobutadiene	250	U
59-50-7	4-Chloro-3-methylphenol	200	U
91-57-6	2-Methylnaphthalene	270	U
77-47-4	Hexachlorocyclopentadiene	57	U
88-06-2	2,4,6-Trichlorophenol	190	U
	2,4,5-Trichlorophenol	210	U
91-58-7	2-Chloronaphthalene	180	U
88-74-4	2-Nitroaniline	170	U
131-11-3	Dimethylphthalate	150	U
208-96-8	Acenaphthylene	190	U
606-20-2	2,6-Dinitrotoluene	230	U
99-09-2	3-Nitroaniline	250	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

SBLK 94

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3665 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK 94

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA00238.D

Level: (low/med) LOW Date Received: 06/18/98

% Moisture: 0 decanted:(Y/N) N Date Extracted: 06/18/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	180	U
51-28-5	2,4-Dinitrophenol	500	U
132-64-9	Dibenzofuran	190	U
100-02-7	4-Nitrophenol	460	U
121-14-2	2,4-Dinitrotoluene	190	U
84-66-2	Diethylphthalate	200	U
86-73-7	Fluorene	190	U
7005-72-3	4-Chlorophenyl-phenylether	190	U
100-01-6	4-Nitroaniline	280	U
534-52-1	4,6-Dinitro-2-methylphenol	500	U
86-30-6	n-Nitrosodiphenylamine	180	U
103-33-3	Azobenzene	190	U
101-55-3	4-Bromophenyl-phenylether	170	U
118-74-1	Hexachlorobenzene	260	U
87-86-5	Pentachlorophenol	300	U
85-01-8	Phenanthrene	190	U
120-12-7	Anthracene	190	U
84-74-2	Di-n-butylphthalate	260	J
206-44-0	Fluoranthene	190	U
92-87-5	Benzidine	910	U
129-00-0	Pyrene	230	U
85-68-7	Butylbenzylphthalate	250	U
56-55-3	Benzo[a]anthracene	200	U
91-94-1	3,3'-Dichlorobenzidine	340	U
218-01-9	Chrysene	250	U
117-81-7	bis(2-Ethylhexyl)phthalate	280	U
117-84-0	Di-n-octylphthalate	280	U
205-99-2	Benzo[b]fluoranthene	250	U
207-08-9	Benzo[k]fluoranthene	180	U
50-32-8	Benzo[a]pyrene	190	U
193-39-5	Indeno[1,2,3-cd]pyrene	200	U
53-70-3	Dibenz[a,h]anthracene	240	U
191-24-2	Benzo[g,h,i]perylene	240	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

SBLK 94

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3665 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK 94

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA00238.D

Level: (low/med) LOW Date Received: 06/18/98

% Moisture: 0 decanted: (Y/N) N Date Extracted: 06/18/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 1

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	5.77	1200	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

SBLK 98

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3686 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK 98

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA00263.D

Level: (low/med) LOW Date Received: 06/26/98

% Moisture: 0 decanted:(Y/N) N Date Extracted: 06/29/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/29/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	300	U
62-75-9	N-nitroso-dimethylamine	200	U
62-53-3	Aniline	220	U
108-95-2	Phenol	330	U
111-44-4	bis(2-Chloroethyl)ether	210	U
95-57-8	2-Chlorophenol	190	U
541-73-1	1,3-Dichlorobenzene	210	U
106-46-7	1,4-Dichlorobenzene	290	U
100-51-6	Benzyl alcohol	270	U
95-50-1	1,2-Dichlorobenzene	240	U
	2-Methylphenol	200	U
108-60-1	bis(2-chloroisopropyl)ether	250	U
	4-Methylphenol	270	U
621-64-7	n-Nitroso-di-n-propylamine	240	U
67-72-1	Hexachloroethane	210	U
98-95-3	Nitrobenzene	270	U
78-59-1	Isophorone	260	U
88-75-5	2-Nitrophenol	170	U
105-67-9	2,4-Dimethylphenol	290	U
111-91-1	bis(2-Chloroethoxy)methane	120	U
120-83-2	2,4-Dichlorophenol	160	U
65-85-0	Benzoic Acid	500	U
120-82-1	1,2,4-Trichlorobenzene	260	U
91-20-3	Naphthalene	240	U
106-47-8	4-Chloroaniline	290	U
87-68-3	Hexachlorobutadiene	250	U
59-50-7	4-Chloro-3-methylphenol	200	U
91-57-6	2-Methylnaphthalene	270	U
77-47-4	Hexachlorocyclopentadiene	57	U
88-06-2	2,4,6-Trichlorophenol	190	U
	2,4,5-Trichlorophenol	210	U
91-58-7	2-Chloronaphthalene	180	U
88-74-4	2-Nitroaniline	170	U
131-11-3	Dimethylphthalate	150	U
208-96-8	Acenaphthylene	190	U
606-20-2	2,6-Dinitrotoluene	230	U
99-09-2	3-Nitroaniline	250	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

SBLK 98

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3686 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK 98

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA00263.D

Level: (low/med) LOW Date Received: 06/26/98

% Moisture: 0 decanted:(Y/N) N Date Extracted: 06/29/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/29/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	180	U
51-28-5	2,4-Dinitrophenol	500	U
132-64-9	Dibenzofuran	190	U
100-02-7	4-Nitrophenol	460	U
121-14-2	2,4-Dinitrotoluene	190	U
84-66-2	Diethylphthalate	200	U
86-73-7	Fluorene	190	U
7005-72-3	4-Chlorophenyl-phenylether	190	U
100-01-6	4-Nitroaniline	280	U
534-52-1	4,6-Dinitro-2-methylphenol	500	U
86-30-6	n-Nitrosodiphenylamine	180	U
103-33-3	Azobenzene	190	U
101-55-3	4-Bromophenyl-phenylether	170	U
118-74-1	Hexachlorobenzene	260	U
87-86-5	Pentachlorophenol	300	U
85-01-8	Phenanthrene	190	U
120-12-7	Anthracene	190	U
84-74-2	Di-n-butylphthalate	160	J
206-44-0	Fluoranthene	190	U
92-87-5	Benzidine	910	U
129-00-0	Pyrene	230	U
85-68-7	Butylbenzylphthalate	250	U
56-55-3	Benzo[a]anthracene	200	U
91-94-1	3,3'-Dichlorobenzidine	340	U
218-01-9	Chrysene	250	U
117-81-7	bis(2-Ethylhexyl)phthalate	280	U
117-84-0	Di-n-octylphthalate	280	U
205-99-2	Benzo[b]fluoranthene	250	U
207-08-9	Benzo[k]fluoranthene	180	U
50-32-8	Benzo[a]pyrene	190	U
193-39-5	Indeno[1,2,3-cd]pyrene	200	U
53-70-3	Dibenz[a,h]anthracene	240	U
191-24-2	Benzo[g,h,i]perylene	240	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

SBLK 98

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3686 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK 98

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA00263.D

Level: (low/med) LOW Date Received: 06/26/98

% Moisture: 0 decanted: (Y/N) N Date Extracted: 06/29/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/29/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 0 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

SBLK 99

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3688 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK 99

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA00280.D

Level: (low/med) LOW Date Received: 06/29/98

% Moisture: 0 decanted:(Y/N) N Date Extracted: 06/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/06/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	300	U
62-75-9	N-nitroso-dimethylamine	200	U
62-53-3	Aniline	220	U
108-95-2	Phenol	330	U
111-44-4	bis(2-Chloroethyl)ether	210	U
95-57-8	2-Chlorophenol	190	U
541-73-1	1,3-Dichlorobenzene	210	U
106-46-7	1,4-Dichlorobenzene	290	U
100-51-6	Benzyl alcohol	270	U
95-50-1	1,2-Dichlorobenzene	240	U
	2-Methylphenol	200	U
108-60-1	bis(2-chloroisopropyl)ether	250	U
	4-Methylphenol	270	U
621-64-7	n-Nitroso-di-n-propylamine	240	U
67-72-1	Hexachloroethane	210	U
98-95-3	Nitrobenzene	270	U
78-59-1	Isophorone	260	U
88-75-5	2-Nitrophenol	170	U
105-67-9	2,4-Dimethylphenol	290	U
111-91-1	bis(2-Chloroethoxy)methane	120	U
120-83-2	2,4-Dichlorophenol	160	U
65-85-0	Benzoic Acid	500	U
120-82-1	1,2,4-Trichlorobenzene	260	U
91-20-3	Naphthalene	240	U
106-47-8	4-Chloroaniline	290	U
87-68-3	Hexachlorobutadiene	250	U
59-50-7	4-Chloro-3-methylphenol	200	U
91-57-6	2-Methylnaphthalene	270	U
77-47-4	Hexachlorocyclopentadiene	57	U
88-06-2	2,4,6-Trichlorophenol	190	U
	2,4,5-Trichlorophenol	210	U
91-58-7	2-Chloronaphthalene	180	U
88-74-4	2-Nitroaniline	170	U
131-11-3	Dimethylphthalate	150	U
208-96-8	Acenaphthylene	190	U
606-20-2	2,6-Dinitrotoluene	230	U
99-09-2	3-Nitroaniline	250	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

SBLK 99

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3688 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK 99

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA00280.D

Level: (low/med) LOW Date Received: 06/29/98

% Moisture: 0 decanted:(Y/N) N Date Extracted: 06/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/06/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	180	U
51-28-5	2,4-Dinitrophenol	500	U
132-64-9	Dibenzofuran	190	U
100-02-7	4-Nitrophenol	460	U
121-14-2	2,4-Dinitrotoluene	190	U
84-66-2	Diethylphthalate	200	U
86-73-7	Fluorene	190	U
7005-72-3	4-Chlorophenyl-phenylether	190	U
100-01-6	4-Nitroaniline	280	U
534-52-1	4,6-Dinitro-2-methylphenol	500	U
86-30-6	n-Nitrosodiphenylamine	180	U
103-33-3	Azobenzene	190	U
101-55-3	4-Bromophenyl-phenylether	170	U
118-74-1	Hexachlorobenzene	260	U
87-86-5	Pentachlorophenol	300	U
85-01-8	Phenanthrene	190	U
120-12-7	Anthracene	190	U
84-74-2	Di-n-butylphthalate	120	J
206-44-0	Fluoranthene	190	U
92-87-5	Benzidine	910	U
129-00-0	Pyrene	230	U
85-68-7	Butylbenzylphthalate	250	U
56-55-3	Benzo[a]anthracene	200	U
91-94-1	3,3'-Dichlorobenzidine	340	U
218-01-9	Chrysene	250	U
117-81-7	bis(2-Ethylhexyl)phthalate	280	U
117-84-0	Di-n-octylphthalate	280	U
205-99-2	Benzo[b]fluoranthene	250	U
207-08-9	Benzo[k]fluoranthene	180	U
50-32-8	Benzo[a]pyrene	190	U
193-39-5	Indeno[1,2,3-cd]pyrene	200	U
53-70-3	Dibenz[a,h]anthracene	240	U
191-24-2	Benzo[g,h,i]perylene	240	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

SBLK 99

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3688 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK 99

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA00280.D

Level: (low/med) LOW Date Received: 06/29/98

% Moisture: 0 decanted: (Y/N) N Date Extracted: 06/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/06/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 0

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

SBLK 103

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3722 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK 103

Sample wt/vol: 10 (g/ml) G Lab File ID: BN2067.D

Level: (low/med) LOW Date Received: 07/13/98

% Moisture: 0 decanted:(Y/N) N Date Extracted: 07/14/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/16/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	300	U
62-75-9	N-nitroso-dimethylamine	200	U
62-53-3	Aniline	220	U
108-95-2	Phenol	330	U
111-44-4	bis(2-Chloroethyl)ether	210	U
95-57-8	2-Chlorophenol	190	U
541-73-1	1,3-Dichlorobenzene	210	U
106-46-7	1,4-Dichlorobenzene	290	U
100-51-6	Benzyl alcohol	270	U
95-50-1	1,2-Dichlorobenzene	240	U
	2-Methylphenol	200	U
108-60-1	bis(2-chloroisopropyl)ether	250	U
	4-Methylphenol	270	U
621-64-7	n-Nitroso-di-n-propylamine	240	U
67-72-1	Hexachloroethane	210	U
98-95-3	Nitrobenzene	270	U
78-59-1	Isophorone	260	U
88-75-5	2-Nitrophenol	170	U
105-67-9	2,4-Dimethylphenol	290	U
111-91-1	bis(2-Chloroethoxy)methane	120	U
120-83-2	2,4-Dichlorophenol	160	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	260	U
91-20-3	Naphthalene	240	U
106-47-8	4-Chloroaniline	290	U
87-68-3	Hexachlorobutadiene	250	U
59-50-7	4-Chloro-3-methylphenol	200	U
91-57-6	2-Methylnaphthalene	270	U
77-47-4	Hexachlorocyclopentadiene	57	U
88-06-2	2,4,6-Trichlorophenol	190	U
	2,4,5-Trichlorophenol	210	U
91-58-7	2-Chloronaphthalene	180	U
88-74-4	2-Nitroaniline	170	U
131-11-3	Dimethylphthalate	150	U
208-96-8	Acenaphthylene	190	U
606-20-2	2,6-Dinitrotoluene	230	U
99-09-2	3-Nitroaniline	250	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

SBLK 103

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3722 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK 103

Sample wt/vol: 10 (g/ml) G Lab File ID: BN2067.D

Level: (low/med) LOW Date Received: 07/13/98

% Moisture: 0 decanted:(Y/N) N Date Extracted: 07/14/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/16/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	180	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	190	U
100-02-7	4-Nitrophenol	460	U
121-14-2	2,4-Dinitrotoluene	190	U
84-66-2	Diethylphthalate	200	U
86-73-7	Fluorene	190	U
7005-72-3	4-Chlorophenyl-phenylether	190	U
100-01-6	4-Nitroaniline	280	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	180	U
103-33-3	Azobenzene	190	U
101-55-3	4-Bromophenyl-phenylether	170	U
118-74-1	Hexachlorobenzene	260	U
87-86-5	Pentachlorophenol	300	U
85-01-8	Phenanthrene	190	U
120-12-7	Anthracene	190	U
84-74-2	Di-n-butylphthalate	760	J
206-44-0	Fluoranthene	190	U
92-87-5	Benzidine	910	U
129-00-0	Pyrene	230	U
85-68-7	Butylbenzylphthalate	250	U
56-55-3	Benzo[a]anthracene	200	U
91-94-1	3,3'-Dichlorobenzidine	340	U
218-01-9	Chrysene	250	U
117-81-7	bis(2-Ethylhexyl)phthalate	280	U
117-84-0	Di-n-octylphthalate	280	U
205-99-2	Benzo[b]fluoranthene	250	U
207-08-9	Benzo[k]fluoranthene	180	U
50-32-8	Benzo[a]pyrene	190	U
193-39-5	Indeno[1,2,3-cd]pyrene	200	U
53-70-3	Dibenz[a,h]anthracene	240	U
191-24-2	Benzo[g,h,i]perylene	240	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

SBLK 103

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3722 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK 103

Sample wt/vol: 10 (g/ml) G Lab File ID: BN2067.D

Level: (low/med) LOW Date Received: 07/13/98

% Moisture: 0 decanted: (Y/N) N Date Extracted: 07/14/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/16/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 3 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	6.29	1500	J
2. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	20.72	1500	JN
3. 001599-67-3	1-Docosene	26.18	8500	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

SBLK114

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3805 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK 114

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA00399.D

Level: (low/med) LOW Date Received: 08/12/98

% Moisture: 0 decanted:(Y/N) N Date Extracted: 08/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/21/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	300	U
62-75-9	N-nitroso-dimethylamine	200	U
62-53-3	Aniline	220	U
108-95-2	Phenol	330	U
111-44-4	bis(2-Chloroethyl)ether	210	U
95-57-8	2-Chlorophenol	190	U
541-73-1	1,3-Dichlorobenzene	210	U
106-46-7	1,4-Dichlorobenzene	290	U
100-51-6	Benzyl alcohol	270	U
95-50-1	1,2-Dichlorobenzene	240	U
	2-Methylphenol	200	U
108-60-1	bis(2-chloroisopropyl)ether	250	U
	4-Methylphenol	270	U
621-64-7	n-Nitroso-di-n-propylamine	240	U
67-72-1	Hexachloroethane	210	U
98-95-3	Nitrobenzene	270	U
78-59-1	Isophorone	260	U
88-75-5	2-Nitrophenol	170	U
105-67-9	2,4-Dimethylphenol	290	U
111-91-1	bis(2-Chloroethoxy)methane	120	U
120-83-2	2,4-Dichlorophenol	160	U
65-85-0	Benzoic Acid	500	U
120-82-1	1,2,4-Trichlorobenzene	260	U
91-20-3	Naphthalene	240	U
106-47-8	4-Chloroaniline	290	U
87-68-3	Hexachlorobutadiene	250	U
59-50-7	4-Chloro-3-methylphenol	200	U
91-57-6	2-Methylnaphthalene	270	U
77-47-4	Hexachlorocyclopentadiene	57	U
88-06-2	2,4,6-Trichlorophenol	190	U
	2,4,5-Trichlorophenol	210	U
91-58-7	2-Chloronaphthalene	180	U
88-74-4	2-Nitroaniline	170	U
131-11-3	Dimethylphthalate	150	U
208-96-8	Acenaphthylene	190	U
606-20-2	2,6-Dinitrotoluene	230	U
99-09-2	3-Nitroaniline	250	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

SBLK114

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3805 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK 114

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA00399.D

Level: (low/med) LOW Date Received: 08/12/98

% Moisture: 0 decanted:(Y/N) N Date Extracted: 08/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/21/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	180	U
51-28-5	2,4-Dinitrophenol	500	U
132-64-9	Dibenzofuran	190	U
100-02-7	4-Nitrophenol	460	U
121-14-2	2,4-Dinitrotoluene	190	U
84-66-2	Diethylphthalate	200	U
86-73-7	Fluorene	190	U
7005-72-3	4-Chlorophenyl-phenylether	190	U
100-01-6	4-Nitroaniline	280	U
534-52-1	4,6-Dinitro-2-methylphenol	500	U
86-30-6	n-Nitrosodiphenylamine	180	U
103-33-3	Azobenzene	190	U
101-55-3	4-Bromophenyl-phenylether	170	U
118-74-1	Hexachlorobenzene	260	U
87-86-5	Pentachlorophenol	300	U
85-01-8	Phenanthrene	190	U
120-12-7	Anthracene	190	U
84-74-2	Di-n-butylphthalate	830	U
206-44-0	Fluoranthene	190	U
92-87-5	Benzidine	910	U
129-00-0	Pyrene	230	U
85-68-7	Butylbenzylphthalate	250	U
56-55-3	Benzo[a]anthracene	200	U
91-94-1	3,3'-Dichlorobenzidine	340	U
218-01-9	Chrysene	250	U
117-81-7	bis(2-Ethylhexyl)phthalate	280	U
117-84-0	Di-n-octylphthalate	280	U
205-99-2	Benzo[b]fluoranthene	250	U
207-08-9	Benzo[k]fluoranthene	180	U
50-32-8	Benzo[a]pyrene	190	U
193-39-5	Indeno[1,2,3-cd]pyrene	200	U
53-70-3	Dibenz[a,h]anthracene	240	U
191-24-2	Benzo[g,h,i]perylene	240	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

SBLK114

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3805 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK 114

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA00399.D

Level: (low/med) LOW Date Received: 08/12/98

% Moisture: 0 decanted: (Y/N) N Date Extracted: 08/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/21/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 1

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000112-88-9	1-Octadecene	25.00	6100	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

SBLK115

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3809 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK115

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA00524.D

Level: (low/med) LOW Date Received: 08/13/98

% Moisture: 0 decanted:(Y/N) N Date Extracted: 08/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/04/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1000	U
62-75-9	N-nitroso-dimethylamine	1000	U
62-53-3	Aniline	1000	U
108-95-2	Phenol	1000	U
111-44-4	bis(2-Chloroethyl)ether	1000	U
95-57-8	2-Chlorophenol	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
100-51-6	Benzyl alcohol	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
	4-Methylphenol	1000	U
621-64-7	n-Nitroso-di-n-propylamine	1000	U
67-72-1	Hexachloroethane	1000	U
98-95-3	Nitrobenzene	1000	U
78-59-1	Isophorone	1000	U
88-75-5	2-Nitrophenol	1000	U
105-67-9	2,4-Dimethylphenol	1000	U
111-91-1	bis(2-Chloroethoxy)methane	1000	U
120-83-2	2,4-Dichlorophenol	1000	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	1000	U
91-20-3	Naphthalene	1000	U
106-47-8	4-Chloroaniline	1000	U
87-68-3	Hexachlorobutadiene	1000	U
59-50-7	4-Chloro-3-methylphenol	1000	U
91-57-6	2-Methylnaphthalene	1000	U
77-47-4	Hexachlorocyclopentadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	1000	U
	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	1000	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	1000	U
208-96-8	Acenaphthylene	1000	U
606-20-2	2,6-Dinitrotoluene	1000	U
99-09-2	3-Nitroaniline	1000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

SBLK115

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3809 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK115

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA00524.D

Level: (low/med) LOW Date Received: 08/13/98

% Moisture: 0 decanted:(Y/N) N Date Extracted: 08/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/04/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	1000	U
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	720	J
206-44-0	Fluoranthene	1000	U
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	1000	U
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	1000	U
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	1000	U
117-81-7	bis(2-Ethylhexyl)phthalate	1000	U
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	1000	U
207-08-9	Benzo[k]fluoranthene	1000	U
50-32-8	Benzo[a]pyrene	1000	U
193-39-5	Indeno[1,2,3-cd]pyrene	1000	U
53-70-3	Dibenz[a,h]anthracene	1000	U
191-24-2	Benzo[g,h,i]perylene	1000	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

SBLK115

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3809 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK115

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA00524.D

Level: (low/med) LOW Date Received: 08/13/98

% Moisture: 0 decanted: (Y/N) N Date Extracted: 08/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/04/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.96	1200	JN
2. 000629-96-9	1-Eicosanol	24.42	1300	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

SBLK120

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3827 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK120

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA00600.D

Level: (low/med) LOW Date Received: 08/25/98

% Moisture: 0 decanted:(Y/N) N Date Extracted: 08/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/15/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1000	U
62-75-9	N-nitroso-dimethylamine	1000	U
62-53-3	Aniline	1000	U
108-95-2	Phenol	1000	U
111-44-4	bis(2-Chloroethyl)ether	1000	U
95-57-8	2-Chlorophenol	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
100-51-6	Benzyl alcohol	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
	4-Methylphenol	1000	U
621-64-7	n-Nitroso-di-n-propylamine	1000	U
67-72-1	Hexachloroethane	1000	U
98-95-3	Nitrobenzene	1000	U
78-59-1	Isophorone	1000	U
88-75-5	2-Nitrophenol	1000	U
105-67-9	2,4-Dimethylphenol	1000	U
111-91-1	bis(2-Chloroethoxy)methane	1000	U
120-83-2	2,4-Dichlorophenol	1000	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	1000	U
91-20-3	Naphthalene	1000	U
106-47-8	4-Chloroaniline	1000	U
87-68-3	Hexachlorobutadiene	1000	U
59-50-7	4-Chloro-3-methylphenol	1000	U
91-57-6	2-Methylnaphthalene	1000	U
77-47-4	Hexachlorocyclopentadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	1000	U
	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	1000	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	1000	U
208-96-8	Acenaphthylene	1000	U
606-20-2	2,6-Dinitrotoluene	1000	U
99-09-2	3-Nitroaniline	1000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

SBLK120

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3827 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK120

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA00600.D

Level: (low/med) LOW Date Received: 08/25/98

% Moisture: 0 decanted:(Y/N) N Date Extracted: 08/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/15/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	1000	U
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	1000	U
206-44-0	Fluoranthene	1000	U
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	1000	U
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	1000	U
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	1000	U
117-81-7	bis(2-Ethylhexyl)phthalate	1000	U
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	1000	U
207-08-9	Benzo[k]fluoranthene	1000	U
50-32-8	Benzo[a]pyrene	1000	U
193-39-5	Indeno[1,2,3-cd]pyrene	1000	U
53-70-3	Dibenz[a,h]anthracene	1000	U
191-24-2	Benzo[g,h,i]perylene	1000	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

SBLK120

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3827 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK120

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA00600.D

Level: (low/med) LOW Date Received: 08/25/98

% Moisture: 0 decanted: (Y/N) N Date Extracted: 08/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/15/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 1

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 001454-84-8	1-Nonadecanol	24.41	2600	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Sblk121

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3836 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK121

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA00602.D

Level: (low/med) LOW Date Received: 08/27/98

% Moisture: 0 decanted:(Y/N) N Date Extracted: 08/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/15/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1000	U
62-75-9	N-nitroso-dimethylamine	1000	U
62-53-3	Aniline	1000	U
108-95-2	Phenol	1000	U
111-44-4	bis(2-Chloroethyl)ether	1000	U
95-57-8	2-Chlorophenol	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
100-51-6	Benzyl alcohol	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
	4-Methylphenol	1000	U
621-64-7	n-Nitroso-di-n-propylamine	1000	U
67-72-1	Hexachloroethane	1000	U
98-95-3	Nitrobenzene	1000	U
78-59-1	Isophorone	1000	U
88-75-5	2-Nitrophenol	1000	U
105-67-9	2,4-Dimethylphenol	1000	U
111-91-1	bis(2-Chloroethoxy)methane	1000	U
120-83-2	2,4-Dichlorophenol	1000	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	1000	U
91-20-3	Naphthalene	1000	U
106-47-8	4-Chloroaniline	1000	U
87-68-3	Hexachlorobutadiene	1000	U
59-50-7	4-Chloro-3-methylphenol	1000	U
91-57-6	2-Methylnaphthalene	1000	U
77-47-4	Hexachlorocyclopentadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	1000	U
	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	1000	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	1000	U
208-96-8	Acenaphthylene	1000	U
606-20-2	2,6-Dinitrotoluene	1000	U
99-09-2	3-Nitroaniline	1000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Sblk121

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3836 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK121

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA00602.D

Level: (low/med) LOW Date Received: 08/27/98

% Moisture: 0 decanted:(Y/N) N Date Extracted: 08/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/15/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	1000	U
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	1000	U
206-44-0	Fluoranthene	1000	U
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	1000	U
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	1000	U
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	1000	U
117-81-7	bis(2-Ethylhexyl)phthalate	1000	U
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	1000	U
207-08-9	Benzo[k]fluoranthene	1000	U
50-32-8	Benzo[a]pyrene	1000	U
193-39-5	Indeno[1,2,3-cd]pyrene	1000	U
53-70-3	Dibenz[a,h]anthracene	1000	U
191-24-2	Benzo[g,h,i]perylene	1000	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Sblk121

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3836 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK121

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA00602.D

Level: (low/med) LOW Date Received: 08/27/98

% Moisture: 0 decanted: (Y/N) N Date Extracted: 08/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/15/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000629-96-9	1-Eicosanol	24.40	3100	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-157

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3665 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3665.08

Sample wt/vol: 9.9 (g/ml) G Lab File ID: BNA00241.D

Level: (low/med) LOW Date Received: 06/18/98

% Moisture: 10.65 decanted:(Y/N) N Date Extracted: 06/18/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	340	U
62-75-9	N-nitroso-dimethylamine	230	U
62-53-3	Aniline	250	U
108-95-2	Phenol	380	U
111-44-4	bis(2-Chloroethyl)ether	240	U
95-57-8	2-Chlorophenol	220	U
541-73-1	1,3-Dichlorobenzene	230	U
106-46-7	1,4-Dichlorobenzene	330	U
100-51-6	Benzyl alcohol	300	U
95-50-1	1,2-Dichlorobenzene	270	U
	2-Methylphenol	230	U
108-60-1	bis(2-chloroisopropyl)ether	280	U
	4-Methylphenol	300	U
621-64-7	n-Nitroso-di-n-propylamine	280	U
67-72-1	Hexachloroethane	240	U
98-95-3	Nitrobenzene	300	U
78-59-1	Isophorone	290	U
88-75-5	2-Nitrophenol	190	U
105-67-9	2,4-Dimethylphenol	330	U
111-91-1	bis(2-Chloroethoxy)methane	130	U
120-83-2	2,4-Dichlorophenol	180	U
65-85-0	Benzoic Acid	570	U
120-82-1	1,2,4-Trichlorobenzene	300	U
91-20-3	Naphthalene	280	U
106-47-8	4-Chloroaniline	330	U
87-68-3	Hexachlorobutadiene	280	U
59-50-7	4-Chloro-3-methylphenol	220	U
91-57-6	2-Methylnaphthalene	310	U
77-47-4	Hexachlorocyclopentadiene	64	U
88-06-2	2,4,6-Trichlorophenol	210	U
	2,4,5-Trichlorophenol	240	U
91-58-7	2-Chloronaphthalene	200	U
88-74-4	2-Nitroaniline	190	U
131-11-3	Dimethylphthalate	170	U
208-96-8	Acenaphthylene	220	U
606-20-2	2,6-Dinitrotoluene	260	U
99-09-2	3-Nitroaniline	280	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-157

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3665 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3665.08

Sample wt/vol: 9.9 (g/ml) G Lab File ID: BNA00241.D

Level: (low/med) LOW Date Received: 06/18/98

% Moisture: 10.65 decanted:(Y/N) N Date Extracted: 06/18/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	200	U
51-28-5	2,4-Dinitrophenol	570	U
132-64-9	Dibenzofuran	210	U
100-02-7	4-Nitrophenol	520	U
121-14-2	2,4-Dinitrotoluene	210	U
84-66-2	Diethylphthalate	230	U
86-73-7	Fluorene	220	U
7005-72-3	4-Chlorophenyl-phenylether	210	U
100-01-6	4-Nitroaniline	320	U
534-52-1	4,6-Dinitro-2-methylphenol	570	U
86-30-6	n-Nitrosodiphenylamine	210	U
103-33-3	Azobenzene	220	U
101-55-3	4-Bromophenyl-phenylether	200	U
118-74-1	Hexachlorobenzene	300	U
87-86-5	Pentachlorophenol	330	U
85-01-8	Phenanthrene	140	J
120-12-7	Anthracene	220	U
84-74-2	Di-n-butylphthalate	500	JB
206-44-0	Fluoranthene	190	J
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	280	
85-68-7	Butylbenzylphthalate	280	U
56-55-3	Benzo[a]anthracene	220	U
91-94-1	3,3'-Dichlorobenzidine	390	U
218-01-9	Chrysene	280	U
117-81-7	bis(2-Ethylhexyl)phthalate	310	U
117-84-0	Di-n-octylphthalate	320	U
205-99-2	Benzo[b]fluoranthene	280	U
207-08-9	Benzo[k]fluoranthene	210	U
50-32-8	Benzo[a]pyrene	210	U
193-39-5	Indeno[1,2,3-cd]pyrene	230	U
53-70-3	Dibenz[a,h]anthracene	270	U
191-24-2	Benzo[g,h,i]perylene	270	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-157

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3665 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3665.08

Sample wt/vol: 9.9 (g/ml) G Lab File ID: BNA00241.D

Level: (low/med) LOW Date Received: 06/18/98

% Moisture: 10.65 decanted: (Y/N) N Date Extracted: 06/18/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 0

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

FIELD DUPLICATES

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

FIELD DUP

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3479 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3479.15

Sample wt/vol: 10.2 (g/ml) G Lab File ID: BN1555.D

Level: (low/med) LOW Date Received: 04/14/98

% Moisture: 13.54 decanted:(Y/N) N Date Extracted: 04/15/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/29/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	340	U
62-75-9	N-nitroso-dimethylamine	230	U
62-53-3	Aniline	250	U
108-95-2	Phenol	380	U
111-44-4	bis(2-Chloroethyl)ether	240	U
95-57-8	2-Chlorophenol	220	U
541-73-1	1,3-Dichlorobenzene	230	U
106-46-7	1,4-Dichlorobenzene	330	U
100-51-6	Benzyl alcohol	300	U
95-50-1	1,2-Dichlorobenzene	270	U
	2-Methylphenol	230	U
108-60-1	bis(2-chloroisopropyl)ether	280	U
	4-Methylphenol	300	U
621-64-7	n-Nitroso-di-n-propylamine	280	U
67-72-1	Hexachloroethane	240	U
98-95-3	Nitrobenzene	300	U
78-59-1	Isophorone	290	U
88-75-5	2-Nitrophenol	190	U
105-67-9	2,4-Dimethylphenol	330	U
111-91-1	bis(2-Chloroethoxy)methane	130	U
120-83-2	2,4-Dichlorophenol	180	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	300	U
91-20-3	Naphthalene	280	U
106-47-8	4-Chloroaniline	330	U
87-68-3	Hexachlorobutadiene	280	U
59-50-7	4-Chloro-3-methylphenol	220	U
91-57-6	2-Methylnaphthalene	310	U
77-47-4	Hexachlorocyclopentadiene	65	U
88-06-2	2,4,6-Trichlorophenol	210	U
	2,4,5-Trichlorophenol	240	U
91-58-7	2-Chloronaphthalene	200	U
88-74-4	2-Nitroaniline	190	U
131-11-3	Dimethylphthalate	170	U
208-96-8	Acenaphthylene	220	U
606-20-2	2,6-Dinitrotoluene	260	U
99-09-2	3-Nitroaniline	280	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

FIELD DUP

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3479 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3479.15

Sample wt/vol: 10.2 (g/ml) G Lab File ID: BN1555.D

Level: (low/med) LOW Date Received: 04/14/98

% Moisture: 13.54 decanted:(Y/N) N Date Extracted: 04/15/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/29/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	200	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	210	U
100-02-7	4-Nitrophenol	520	U
121-14-2	2,4-Dinitrotoluene	210	U
84-66-2	Diethylphthalate	230	U
86-73-7	Fluorene	220	U
7005-72-3	4-Chlorophenyl-phenylether	210	U
100-01-6	4-Nitroaniline	320	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	210	U
103-33-3	Azobenzene	220	U
101-55-3	4-Bromophenyl-phenylether	200	U
118-74-1	Hexachlorobenzene	300	U
87-86-5	Pentachlorophenol	330	U
85-01-8	Phenanthrene	220	U
120-12-7	Anthracene	220	U
84-74-2	Di-n-butylphthalate	590	JB
206-44-0	Fluoranthene	220	U
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	260	U
85-68-7	Butylbenzylphthalate	280	U
56-55-3	Benzo[a]anthracene	220	U
91-94-1	3,3'-Dichlorobenzidine	390	U
218-01-9	Chrysene	280	U
117-81-7	bis(2-Ethylhexyl)phthalate	130	J
117-84-0	Di-n-octylphthalate	320	U
205-99-2	Benzo[b]fluoranthene	280	U
207-08-9	Benzo[k]fluoranthene	210	U
50-32-8	Benzo[a]pyrene	210	U
193-39-5	Indeno[1,2,3-cd]pyrene	230	U
53-70-3	Dibenz[a,h]anthracene	270	U
191-24-2	Benzo[g,h,i]perylene	270	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

FIELD DUP

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3479 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3479.15

Sample wt/vol: 10.2 (g/ml) G Lab File ID: BN1555.D

Level: (low/med) LOW Date Received: 04/14/98

% Moisture: 13.54 decanted: (Y/N) N Date Extracted: 04/15/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/29/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 4 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-83-8	Cyclohexene	3.42	33000	JN
2. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	20.97	950	JN
3. 019047-85-9	Phosphonic acid, dioctadecyl est	26.40	6800	JN
4. 000629-96-9	1-Eicosanol	31.00	1100	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

FIELD DUP

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3543 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3543.18

Sample wt/vol: 10.06 (g/ml) G Lab File ID: BN1618.D

Level: (low/med) LOW Date Received: 05/04/98

% Moisture: 22.16 decanted:(Y/N) N Date Extracted: 05/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/07/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	380	U
62-75-9	N-nitroso-dimethylamine	260	U
62-53-3	Aniline	280	U
108-95-2	Phenol	430	U
111-44-4	bis(2-Chloroethyl)ether	270	U
95-57-8	2-Chlorophenol	240	U
541-73-1	1,3-Dichlorobenzene	260	U
106-46-7	1,4-Dichlorobenzene	370	U
100-51-6	Benzyl alcohol	340	U
95-50-1	1,2-Dichlorobenzene	300	U
	2-Methylphenol	260	U
108-60-1	bis(2-chloroisopropyl)ether	320	U
	4-Methylphenol	340	U
621-64-7	n-Nitroso-di-n-propylamine	310	U
67-72-1	Hexachloroethane	270	U
98-95-3	Nitrobenzene	340	U
78-59-1	Isophorone	330	U
88-75-5	2-Nitrophenol	210	U
105-67-9	2,4-Dimethylphenol	370	U
111-91-1	bis(2-Chloroethoxy)methane	150	U
120-83-2	2,4-Dichlorophenol	200	U
65-85-0	Benzoic Acid	1300	U
120-82-1	1,2,4-Trichlorobenzene	330	U
91-20-3	Naphthalene	310	U
106-47-8	4-Chloroaniline	370	U
87-68-3	Hexachlorobutadiene	320	U
59-50-7	4-Chloro-3-methylphenol	250	U
91-57-6	2-Methylnaphthalene	350	U
77-47-4	Hexachlorocyclopentadiene	73	U
88-06-2	2,4,6-Trichlorophenol	240	U
	2,4,5-Trichlorophenol	270	U
91-58-7	2-Chloronaphthalene	230	U
88-74-4	2-Nitroaniline	210	U
131-11-3	Dimethylphthalate	190	U
208-96-8	Acenaphthylene	250	U
606-20-2	2,6-Dinitrotoluene	290	U
99-09-2	3-Nitroaniline	320	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

FIELD DUP

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3543 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3543.18

Sample wt/vol: 10.06 (g/ml) G Lab File ID: BN1618.D

Level: (low/med) LOW Date Received: 05/04/98

% Moisture: 22.16 decanted:(Y/N) N Date Extracted: 05/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/07/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	220	U
51-28-5	2,4-Dinitrophenol	1300	U
132-64-9	Dibenzofuran	240	U
100-02-7	4-Nitrophenol	590	U
121-14-2	2,4-Dinitrotoluene	240	U
84-66-2	Diethylphthalate	260	U
86-73-7	Fluorene	240	U
7005-72-3	4-Chlorophenyl-phenylether	240	U
100-01-6	4-Nitroaniline	360	U
534-52-1	4,6-Dinitro-2-methylphenol	1300	U
86-30-6	n-Nitrosodiphenylamine	230	U
103-33-3	Azobenzene	240	U
101-55-3	4-Bromophenyl-phenylether	220	U
118-74-1	Hexachlorobenzene	340	U
87-86-5	Pentachlorophenol	380	U
85-01-8	Phenanthrene	140	J
120-12-7	Anthracene	250	U
84-74-2	Di-n-butylphthalate	870	JB
206-44-0	Fluoranthene	180	J
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	140	J
85-68-7	Butylbenzylphthalate	320	U
56-55-3	Benzo[a]anthracene	250	U
91-94-1	3,3'-Dichlorobenzidine	440	U
218-01-9	Chrysene	130	J
117-81-7	bis(2-Ethylhexyl)phthalate	350	U
117-84-0	Di-n-octylphthalate	360	U
205-99-2	Benzo[b]fluoranthene	310	U
207-08-9	Benzo[k]fluoranthene	230	U
50-32-8	Benzo[a]pyrene	240	U
193-39-5	Indeno[1,2,3-cd]pyrene	260	U
53-70-3	Dibenz[a,h]anthracene	310	U
191-24-2	Benzo[g,h,i]perylene	310	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

FIELD DUP

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3543 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3543.18

Sample wt/vol: 10.06 (g/ml) G Lab File ID: BN1618.D

Level: (low/med) LOW Date Received: 05/04/98

% Moisture: 22.16 decanted: (Y/N) N Date Extracted: 05/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/07/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 4 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	20.95	1500	JN
2. 000057-10-3	Hexadecanoic acid	21.79	1300	JN
3. 000629-96-9	1-Eicosanol	26.39	11000	JN
4.	unknown	28.58	1900	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

FIELD DUP

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3567 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3567.23

Sample wt/vol: 10.35 (g/ml) G Lab File ID: BN1733.D

Level: (low/med) LOW Date Received: 05/14/98

% Moisture: 8.32 decanted:(Y/N) N Date Extracted: 05/15/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/23/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	320	U
62-75-9	N-nitroso-dimethylamine	210	U
62-53-3	Aniline	230	U
108-95-2	Phenol	350	U
111-44-4	bis(2-Chloroethyl)ether	220	U
95-57-8	2-Chlorophenol	200	U
541-73-1	1,3-Dichlorobenzene	220	U
106-46-7	1,4-Dichlorobenzene	310	U
100-51-6	Benzyl alcohol	280	U
95-50-1	1,2-Dichlorobenzene	250	U
	2-Methylphenol	220	U
108-60-1	bis(2-chloroisopropyl)ether	260	U
	4-Methylphenol	280	U
621-64-7	n-Nitroso-di-n-propylamine	260	U
67-72-1	Hexachloroethane	220	U
98-95-3	Nitrobenzene	280	U
78-59-1	Isophorone	270	U
88-75-5	2-Nitrophenol	180	U
105-67-9	2,4-Dimethylphenol	310	U
111-91-1	bis(2-Chloroethoxy)methane	130	U
120-83-2	2,4-Dichlorophenol	170	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	280	U
91-20-3	Naphthalene	260	U
106-47-8	4-Chloroaniline	310	U
87-68-3	Hexachlorobutadiene	260	U
59-50-7	4-Chloro-3-methylphenol	210	U
91-57-6	2-Methylnaphthalene	290	U
77-47-4	Hexachlorocyclopentadiene	60	U
88-06-2	2,4,6-Trichlorophenol	200	U
	2,4,5-Trichlorophenol	220	U
91-58-7	2-Chloronaphthalene	190	U
88-74-4	2-Nitroaniline	170	U
131-11-3	Dimethylphthalate	160	U
208-96-8	Acenaphthylene	200	U
606-20-2	2,6-Dinitrotoluene	240	U
99-09-2	3-Nitroaniline	260	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

FIELD DUP

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3567 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3567.23

Sample wt/vol: 10.35 (g/ml) G Lab File ID: BN1733.D

Level: (low/med) LOW Date Received: 05/14/98

% Moisture: 8.32 decanted:(Y/N) N Date Extracted: 05/15/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/23/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	180	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	200	U
100-02-7	4-Nitrophenol	480	U
121-14-2	2,4-Dinitrotoluene	200	U
84-66-2	Diethylphthalate	210	U
86-73-7	Fluorene	200	U
7005-72-3	4-Chlorophenyl-phenylether	200	U
100-01-6	4-Nitroaniline	300	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	190	U
103-33-3	Azobenzene	200	U
101-55-3	4-Bromophenyl-phenylether	180	U
118-74-1	Hexachlorobenzene	280	U
87-86-5	Pentachlorophenol	310	U
85-01-8	Phenanthrene	200	U
120-12-7	Anthracene	200	U
84-74-2	Di-n-butylphthalate	1300	B
206-44-0	Fluoranthene	200	U
92-87-5	Benzidine	950	U
129-00-0	Pyrene	240	U
85-68-7	Butylbenzylphthalate	260	U
56-55-3	Benzo[a]anthracene	210	U
91-94-1	3,3'-Dichlorobenzidine	360	U
218-01-9	Chrysene	260	U
117-81-7	bis(2-Ethylhexyl)phthalate	270	JB
117-84-0	Di-n-octylphthalate	300	U
205-99-2	Benzo[b]fluoranthene	260	U
207-08-9	Benzo[k]fluoranthene	190	U
50-32-8	Benzo[a]pyrene	200	U
193-39-5	Indeno[1,2,3-cd]pyrene	210	U
53-70-3	Dibenz[a,h]anthracene	250	U
191-24-2	Benzo[g,h,i]perylene	250	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

FIELD DUP

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3567 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3567.23

Sample wt/vol: 10.35 (g/ml) G Lab File ID: BN1733.D

Level: (low/med) LOW Date Received: 05/14/98

% Moisture: 8.32 decanted: (Y/N) N Date Extracted: 05/15/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/23/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 4 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-83-8	Cyclohexene	3.46	26000	JN
2. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	20.94	1900	JN
3. 019047-85-9	Phosphonic acid, dioctadecyl est	26.37	7300	JN
4.	unknown	28.88	3400	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

FIELD DUP

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3580 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3580.38

Sample wt/vol: 10.01 (g/ml) G Lab File ID: BN1807.D

Level: (low/med) LOW Date Received: 05/19/98

% Moisture: 13.66 decanted:(Y/N) N Date Extracted: 05/20/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/29/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	350	U
62-75-9	N-nitroso-dimethylamine	230	U
62-53-3	Aniline	250	U
108-95-2	Phenol	390	U
111-44-4	bis(2-Chloroethyl)ether	240	U
95-57-8	2-Chlorophenol	220	U
541-73-1	1,3-Dichlorobenzene	240	U
106-46-7	1,4-Dichlorobenzene	340	U
100-51-6	Benzyl alcohol	310	U
95-50-1	1,2-Dichlorobenzene	270	U
	2-Methylphenol	240	U
108-60-1	bis(2-chloroisopropyl)ether	290	U
	4-Methylphenol	310	U
621-64-7	n-Nitroso-di-n-propylamine	280	U
67-72-1	Hexachloroethane	240	U
98-95-3	Nitrobenzene	310	U
78-59-1	Isophorone	300	U
88-75-5	2-Nitrophenol	190	U
105-67-9	2,4-Dimethylphenol	340	U
111-91-1	bis(2-Chloroethoxy)methane	140	U
120-83-2	2,4-Dichlorophenol	180	U
65-85-0	Benzoic Acid	1200	U
120-82-1	1,2,4-Trichlorobenzene	300	U
91-20-3	Naphthalene	280	U
106-47-8	4-Chloroaniline	340	U
87-68-3	Hexachlorobutadiene	290	U
59-50-7	4-Chloro-3-methylphenol	230	U
91-57-6	2-Methylnaphthalene	320	U
77-47-4	Hexachlorocyclopentadiene	66	U
88-06-2	2,4,6-Trichlorophenol	220	U
	2,4,5-Trichlorophenol	240	U
91-58-7	2-Chloronaphthalene	200	U
88-74-4	2-Nitroaniline	190	U
131-11-3	Dimethylphthalate	170	U
208-96-8	Acenaphthylene	220	U
606-20-2	2,6-Dinitrotoluene	260	U
99-09-2	3-Nitroaniline	290	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

FIELD DUP

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3580 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3580.38

Sample wt/vol: 10.01 (g/ml) G Lab File ID: BN1807.D

Level: (low/med) LOW Date Received: 05/19/98

% Moisture: 13.66 decanted:(Y/N) N Date Extracted: 05/20/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/29/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	200	U
51-28-5	2,4-Dinitrophenol	1200	U
132-64-9	Dibenzofuran	220	U
100-02-7	4-Nitrophenol	530	U
121-14-2	2,4-Dinitrotoluene	220	U
84-66-2	Diethylphthalate	230	U
86-73-7	Fluorene	220	U
7005-72-3	4-Chlorophenyl-phenylether	220	U
100-01-6	4-Nitroaniline	330	U
534-52-1	4,6-Dinitro-2-methylphenol	1200	U
86-30-6	n-Nitrosodiphenylamine	210	U
103-33-3	Azobenzene	220	U
101-55-3	4-Bromophenyl-phenylether	200	U
118-74-1	Hexachlorobenzene	310	U
87-86-5	Pentachlorophenol	340	U
85-01-8	Phenanthrene	220	U
120-12-7	Anthracene	220	U
84-74-2	Di-n-butylphthalate	220	JB
206-44-0	Fluoranthene	220	U
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	260	U
85-68-7	Butylbenzylphthalate	290	U
56-55-3	Benzo[a]anthracene	230	U
91-94-1	3,3'-Dichlorobenzidine	400	U
218-01-9	Chrysene	290	U
117-81-7	bis(2-Ethylhexyl)phthalate	320	U
117-84-0	Di-n-octylphthalate	330	U
205-99-2	Benzo[b]fluoranthene	280	U
207-08-9	Benzo[k]fluoranthene	210	U
50-32-8	Benzo[a]pyrene	220	U
193-39-5	Indeno[1,2,3-cd]pyrene	240	U
53-70-3	Dibenz[a,h]anthracene	280	U
191-24-2	Benzo[g,h,i]perylene	280	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

FIELD DUP

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3580 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3580.38

Sample wt/vol: 10.01 (g/ml) G Lab File ID: BN1807.D

Level: (low/med) LOW Date Received: 05/19/98

% Moisture: 13.66 decanted: (Y/N) N Date Extracted: 05/20/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/29/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000629-96-9	1-Eicosanol	26.35	1400	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

FIELD DUP

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3665 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3665.25

Sample wt/vol: 10.04 (g/ml) G Lab File ID: BNA00246.D

Level: (low/med) LOW Date Received: 06/18/98

% Moisture: 9.65 decanted:(Y/N) N Date Extracted: 06/18/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	330	U
62-75-9	N-nitroso-dimethylamine	220	U
62-53-3	Aniline	240	U
108-95-2	Phenol	370	U
111-44-4	bis(2-Chloroethyl)ether	230	U
95-57-8	2-Chlorophenol	210	U
541-73-1	1,3-Dichlorobenzene	230	U
106-46-7	1,4-Dichlorobenzene	320	U
100-51-6	Benzyl alcohol	290	U
95-50-1	1,2-Dichlorobenzene	260	U
	2-Methylphenol	230	U
108-60-1	bis(2-chloroisopropyl)ether	280	U
	4-Methylphenol	290	U
621-64-7	n-Nitroso-di-n-propylamine	270	U
67-72-1	Hexachloroethane	230	U
98-95-3	Nitrobenzene	300	U
78-59-1	Isophorone	280	U
88-75-5	2-Nitrophenol	190	U
105-67-9	2,4-Dimethylphenol	320	U
111-91-1	bis(2-Chloroethoxy)methane	130	U
120-83-2	2,4-Dichlorophenol	170	U
65-85-0	Benzoic Acid	550	U
120-82-1	1,2,4-Trichlorobenzene	290	U
91-20-3	Naphthalene	270	U
106-47-8	4-Chloroaniline	320	U
87-68-3	Hexachlorobutadiene	270	U
59-50-7	4-Chloro-3-methylphenol	210	U
91-57-6	2-Methylnaphthalene	300	U
77-47-4	Hexachlorocyclopentadiene	63	U
88-06-2	2,4,6-Trichlorophenol	210	U
	2,4,5-Trichlorophenol	230	U
91-58-7	2-Chloronaphthalene	200	U
88-74-4	2-Nitroaniline	180	U
131-11-3	Dimethylphthalate	170	U
208-96-8	Acenaphthylene	210	U
606-20-2	2,6-Dinitrotoluene	250	U
99-09-2	3-Nitroaniline	280	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

FIELD DUP

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3665 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3665.25

Sample wt/vol: 10.04 (g/ml) G Lab File ID: BNA00246.D

Level: (low/med) LOW Date Received: 06/18/98

% Moisture: 9.65 decanted:(Y/N) N Date Extracted: 06/18/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	190	U
51-28-5	2,4-Dinitrophenol	550	U
132-64-9	Dibenzofuran	210	U
100-02-7	4-Nitrophenol	510	U
121-14-2	2,4-Dinitrotoluene	210	U
84-66-2	Diethylphthalate	220	U
86-73-7	Fluorene	210	U
7005-72-3	4-Chlorophenyl-phenylether	210	U
100-01-6	4-Nitroaniline	310	U
534-52-1	4,6-Dinitro-2-methylphenol	550	U
86-30-6	n-Nitrosodiphenylamine	200	U
103-33-3	Azobenzene	210	U
101-55-3	4-Bromophenyl-phenylether	190	U
118-74-1	Hexachlorobenzene	290	U
87-86-5	Pentachlorophenol	330	U
85-01-8	Phenanthrene	210	U
120-12-7	Anthracene	210	U
84-74-2	Di-n-butylphthalate	490	JB
206-44-0	Fluoranthene	150	J
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	170	J
85-68-7	Butylbenzylphthalate	280	U
56-55-3	Benzo[a]anthracene	220	U
91-94-1	3,3'-Dichlorobenzidine	380	U
218-01-9	Chrysene	180	J
117-81-7	bis(2-Ethylhexyl)phthalate	310	U
117-84-0	Di-n-octylphthalate	310	U
205-99-2	Benzo[b]fluoranthene	270	U
207-08-9	Benzo[k]fluoranthene	200	U
50-32-8	Benzo[a]pyrene	210	U
193-39-5	Indeno[1,2,3-cd]pyrene	220	U
53-70-3	Dibenz[a,h]anthracene	260	U
191-24-2	Benzo[g,h,i]perylene	260	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

FIELD DUP

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3665 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3665.25

Sample wt/vol: 10.04 (g/ml) G Lab File ID: BNA00246.D

Level: (low/med) LOW Date Received: 06/18/98

% Moisture: 9.65 decanted: (Y/N) N Date Extracted: 06/18/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 0

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

FIELD DUP

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3722 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3722.24

Sample wt/vol: 10.65 (g/ml) G Lab File ID: BN2078.D

Level: (low/med) LOW Date Received: 07/13/98

% Moisture: 5 decanted:(Y/N) N Date Extracted: 07/14/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/16/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	300	U
62-75-9	N-nitroso-dimethylamine	200	U
62-53-3	Aniline	220	U
108-95-2	Phenol	330	U
111-44-4	bis(2-Chloroethyl)ether	210	U
95-57-8	2-Chlorophenol	190	U
541-73-1	1,3-Dichlorobenzene	200	U
106-46-7	1,4-Dichlorobenzene	290	U
100-51-6	Benzyl alcohol	260	U
95-50-1	1,2-Dichlorobenzene	230	U
	2-Methylphenol	200	U
108-60-1	bis(2-chloroisopropyl)ether	250	U
	4-Methylphenol	260	U
621-64-7	n-Nitroso-di-n-propylamine	240	U
67-72-1	Hexachloroethane	210	U
98-95-3	Nitrobenzene	260	U
78-59-1	Isophorone	250	U
88-75-5	2-Nitrophenol	170	U
105-67-9	2,4-Dimethylphenol	290	U
111-91-1	bis(2-Chloroethoxy)methane	120	U
120-83-2	2,4-Dichlorophenol	160	U
65-85-0	Benzoic Acid	990	U
120-82-1	1,2,4-Trichlorobenzene	260	U
91-20-3	Naphthalene	240	U
106-47-8	4-Chloroaniline	290	U
87-68-3	Hexachlorobutadiene	250	U
59-50-7	4-Chloro-3-methylphenol	190	U
91-57-6	2-Methylnaphthalene	270	U
77-47-4	Hexachlorocyclopentadiene	56	U
88-06-2	2,4,6-Trichlorophenol	190	U
	2,4,5-Trichlorophenol	210	U
91-58-7	2-Chloronaphthalene	170	U
88-74-4	2-Nitroaniline	160	U
131-11-3	Dimethylphthalate	150	U
208-96-8	Acenaphthylene	190	U
606-20-2	2,6-Dinitrotoluene	230	U
99-09-2	3-Nitroaniline	250	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

FIELD DUP

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3722 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3722.24

Sample wt/vol: 10.65 (g/ml) G Lab File ID: BN2078.D

Level: (low/med) LOW Date Received: 07/13/98

% Moisture: 5 decanted:(Y/N) N Date Extracted: 07/14/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/16/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	170	U
51-28-5	2,4-Dinitrophenol	990	U
132-64-9	Dibenzofuran	180	U
100-02-7	4-Nitrophenol	450	U
121-14-2	2,4-Dinitrotoluene	180	U
84-66-2	Diethylphthalate	200	U
86-73-7	Fluorene	190	U
7005-72-3	4-Chlorophenyl-phenylether	190	U
100-01-6	4-Nitroaniline	280	U
534-52-1	4,6-Dinitro-2-methylphenol	990	U
86-30-6	n-Nitrosodiphenylamine	180	U
103-33-3	Azobenzene	190	U
101-55-3	4-Bromophenyl-phenylether	170	U
118-74-1	Hexachlorobenzene	260	U
87-86-5	Pentachlorophenol	290	U
85-01-8	Phenanthrene	330	
120-12-7	Anthracene	190	U
84-74-2	Di-n-butylphthalate	520	JB
206-44-0	Fluoranthene	360	
92-87-5	Benzidine	900	U
129-00-0	Pyrene	580	
85-68-7	Butylbenzylphthalate	250	U
56-55-3	Benzo[a]anthracene	190	
91-94-1	3,3'-Dichlorobenzidine	340	U
218-01-9	Chrysene	600	
117-81-7	bis(2-Ethylhexyl)phthalate	100	J
117-84-0	Di-n-octylphthalate	280	U
205-99-2	Benzo[b]fluoranthene	130	J
207-08-9	Benzo[k]fluoranthene	190	
50-32-8	Benzo[a]pyrene	220	
193-39-5	Indeno[1,2,3-cd]pyrene	200	U
53-70-3	Dibenz[a,h]anthracene	240	U
191-24-2	Benzo[g,h,i]perylene	240	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

FIELD DUP

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3722 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3722.24

Sample wt/vol: 10.65 (g/ml) G Lab File ID: BN2078.D

Level: (low/med) LOW Date Received: 07/13/98

% Moisture: 5 decanted: (Y/N) N Date Extracted: 07/14/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/16/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 8

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	6.30	1600	J
2. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	20.73	920	JN
3. 001599-67-3	1-Docosene	26.17	8900	JN
4. 006624-79-9	1-Dotriacontanol	27.69	1400	JN
5. 007098-22-8	Tetratetracontane	29.07	1200	JN
6. 001454-84-8	1-Nonadecanol	29.11	1700	JN
7. 000544-85-4	Dotriacontane	30.58	1800	JN
8. 000629-96-9	1-Eicosanol	30.68	1300	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Field Dup

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3805 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3805.32

Sample wt/vol: 10.71 (g/ml) G Lab File ID: BNA00521.D

Level: (low/med) LOW Date Received: 08/12/98

% Moisture: 13.12 decanted:(Y/N) N Date Extracted: 08/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/04/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	320	U
62-75-9	N-nitroso-dimethylamine	210	U
62-53-3	Aniline	230	U
108-95-2	Phenol	360	U
111-44-4	bis(2-Chloroethyl)ether	230	U
95-57-8	2-Chlorophenol	210	U
541-73-1	1,3-Dichlorobenzene	220	U
106-46-7	1,4-Dichlorobenzene	310	U
100-51-6	Benzyl alcohol	290	U
95-50-1	1,2-Dichlorobenzene	250	U
	2-Methylphenol	220	U
108-60-1	bis(2-chloroisopropyl)ether	270	U
	4-Methylphenol	290	U
621-64-7	n-Nitroso-di-n-propylamine	260	U
67-72-1	Hexachloroethane	230	U
98-95-3	Nitrobenzene	290	U
78-59-1	Isophorone	280	U
88-75-5	2-Nitrophenol	180	U
105-67-9	2,4-Dimethylphenol	310	U
111-91-1	bis(2-Chloroethoxy)methane	130	U
120-83-2	2,4-Dichlorophenol	170	U
65-85-0	Benzoic Acid	540	U
120-82-1	1,2,4-Trichlorobenzene	280	U
91-20-3	Naphthalene	260	U
106-47-8	4-Chloroaniline	310	U
87-68-3	Hexachlorobutadiene	270	U
59-50-7	4-Chloro-3-methylphenol	210	U
91-57-6	2-Methylnaphthalene	290	U
77-47-4	Hexachlorocyclopentadiene	61	U
88-06-2	2,4,6-Trichlorophenol	200	U
	2,4,5-Trichlorophenol	230	U
91-58-7	2-Chloronaphthalene	190	U
88-74-4	2-Nitroaniline	180	U
131-11-3	Dimethylphthalate	160	U
208-96-8	Acenaphthylene	210	U
606-20-2	2,6-Dinitrotoluene	250	U
99-09-2	3-Nitroaniline	270	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Field Dup

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3805 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3805.32

Sample wt/vol: 10.71 (g/ml) G Lab File ID: BNA00521.D

Level: (low/med) LOW Date Received: 08/12/98

% Moisture: 13.12 decanted:(Y/N) N Date Extracted: 08/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/04/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	190	U
51-28-5	2,4-Dinitrophenol	540	U
132-64-9	Dibenzofuran	200	U
100-02-7	4-Nitrophenol	490	U
121-14-2	2,4-Dinitrotoluene	200	U
84-66-2	Diethylphthalate	220	U
86-73-7	Fluorene	210	U
7005-72-3	4-Chlorophenyl-phenylether	200	U
100-01-6	4-Nitroaniline	300	U
534-52-1	4,6-Dinitro-2-methylphenol	540	U
86-30-6	n-Nitrosodiphenylamine	200	U
103-33-3	Azobenzene	210	U
101-55-3	4-Bromophenyl-phenylether	190	U
118-74-1	Hexachlorobenzene	280	U
87-86-5	Pentachlorophenol	320	U
85-01-8	Phenanthrene	210	U
120-12-7	Anthracene	210	U
84-74-2	Di-n-butylphthalate	1100	
206-44-0	Fluoranthene	210	U
92-87-5	Benzidine	970	U
129-00-0	Pyrene	240	U
85-68-7	Butylbenzylphthalate	270	U
56-55-3	Benzo[a]anthracene	210	U
91-94-1	3,3'-Dichlorobenzidine	370	U
218-01-9	Chrysene	270	U
117-81-7	bis(2-Ethylhexyl)phthalate	300	U
117-84-0	Di-n-octylphthalate	300	U
205-99-2	Benzo[b]fluoranthene	260	U
207-08-9	Benzo[k]fluoranthene	200	U
50-32-8	Benzo[a]pyrene	200	U
193-39-5	Indeno[1,2,3-cd]pyrene	220	U
53-70-3	Dibenz[a,h]anthracene	260	U
191-24-2	Benzo[g,h,i]perylene	260	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Field Dup

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3805 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3805.32

Sample wt/vol: 10.71 (g/ml) G Lab File ID: BNA00521.D

Level: (low/med) LOW Date Received: 08/12/98

% Moisture: 13.12 decanted: (Y/N) N Date Extracted: 08/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/04/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 5 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	17.48	1800	J
2.	unknown	17.62	1100	J
3. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.96	1800	JN
4. 007704-34-9	Sulfur	20.68	1500	JN
5. 000629-96-9	1-Eicosanol	24.43	2000	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Field Dup

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3809 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3809.24

Sample wt/vol: 10.32 (g/ml) G Lab File ID: BNA00566.D

Level: (low/med) LOW Date Received: 08/13/98

% Moisture: 5.34 decanted:(Y/N) N Date Extracted: 08/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/11/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1000	U
62-75-9	N-nitroso-dimethylamine	1000	U
62-53-3	Aniline	1000	U
108-95-2	Phenol	1000	U
111-44-4	bis(2-Chloroethyl)ether	1000	U
95-57-8	2-Chlorophenol	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
100-51-6	Benzyl alcohol	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
	4-Methylphenol	1000	U
621-64-7	n-Nitroso-di-n-propylamine	1000	U
67-72-1	Hexachloroethane	1000	U
98-95-3	Nitrobenzene	1000	U
78-59-1	Isophorone	1000	U
88-75-5	2-Nitrophenol	1000	U
105-67-9	2,4-Dimethylphenol	1000	U
111-91-1	bis(2-Chloroethoxy)methane	1000	U
120-83-2	2,4-Dichlorophenol	1000	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	1000	U
91-20-3	Naphthalene	1000	U
106-47-8	4-Chloroaniline	1000	U
87-68-3	Hexachlorobutadiene	1000	U
59-50-7	4-Chloro-3-methylphenol	1000	U
91-57-6	2-Methylnaphthalene	1000	U
77-47-4	Hexachlorocyclopentadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	1000	U
	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	1000	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	1000	U
208-96-8	Acenaphthylene	170	J
606-20-2	2,6-Dinitrotoluene	1000	U
99-09-2	3-Nitroaniline	1000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Field Dup

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3809 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3809.24

Sample wt/vol: 10.32 (g/ml) G Lab File ID: BNA00566.D

Level: (low/med) LOW Date Received: 08/13/98

% Moisture: 5.34 decanted:(Y/N) N Date Extracted: 08/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/11/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	490	J
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	580	JB
206-44-0	Fluoranthene	620	J
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	990	J
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	350	J
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	850	J
117-81-7	bis(2-Ethylhexyl)phthalate	1000	U
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	380	J
207-08-9	Benzo[k]fluoranthene	400	J
50-32-8	Benzo[a]pyrene	380	J
193-39-5	Indeno[1,2,3-cd]pyrene	1000	U
53-70-3	Dibenz[a,h]anthracene	1000	U
191-24-2	Benzo[g,h,i]perylene	1000	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Field Dup

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3809 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3809.24

Sample wt/vol: 10.32 (g/ml) G Lab File ID: BNA00566.D

Level: (low/med) LOW Date Received: 08/13/98

% Moisture: 5.34 decanted: (Y/N) N Date Extracted: 08/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/11/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 12 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.94	830	JN
2. 012427-38-2	Maneb	20.66	2300	JN
3. 000112-92-5	1-Octadecanol	24.41	3500	JN
4.	unknown	25.94	3600	J
5. 000000-00-0	1-Hexacosanal	26.93	2800	JN
6. 000112-95-8	Eicosane	27.34	4100	JN
7. 000638-66-4	Octadecanal	28.29	1700	JN
8. 000112-95-8	Eicosane	28.64	4000	JN
9. 056554-87-1	16-Octadecenal	29.59	3800	JN
10. 000629-94-7	Heneicosane	29.95	2500	JN
11.	unknown	30.16	900	J
12. 007390-81-0	Oxirane, hexadecyl-	31.21	2400	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Field Dup

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3836 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3836.38

Sample wt/vol: 10.36 (g/ml) G Lab File ID: BNA00724.D

Level: (low/med) LOW Date Received: 08/27/98

% Moisture: 13.25 decanted:(Y/N) N Date Extracted: 08/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	280	J
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Field Dup

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3836 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3836.38

Sample wt/vol: 10.36 (g/ml) G Lab File ID: BNA00724.D

Level: (low/med) LOW Date Received: 08/27/98

% Moisture: 13.25 decanted:(Y/N) N Date Extracted: 08/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	2800	
120-12-7	Anthracene	440	J
84-74-2	Di-n-butylphthalate	1100	U
206-44-0	Fluoranthene	2900	
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	3600	
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1200	
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	2100	
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	J
207-08-9	Benzo[k]fluoranthene	1000	J
50-32-8	Benzo[a]pyrene	1100	J
193-39-5	Indeno[1,2,3-cd]pyrene	590	J
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	540	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Field Dup

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3836 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3836.38

Sample wt/vol: 10.36 (g/ml) G Lab File ID: BNA00724.D

Level: (low/med) LOW Date Received: 08/27/98

% Moisture: 13.25 decanted: (Y/N) N Date Extracted: 08/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 11 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000057-10-3	Hexadecanoic acid	19.80	1300	JN
2. 001599-67-3	1-Docosene	24.37	2700	JN
3. 000629-78-7	Heptadecane	25.90	1500	JN
4. 000000-00-0	1-Hexacosanal	26.90	2700	JN
5. 000192-97-2	Benzo[e]pyrene	27.12	1300	JN
6. 000629-92-5	Nonadecane	27.31	2000	JN
7. 007390-81-0	Oxirane, hexadecyl-	28.25	1400	JN
8. 000630-06-8	Hexatriacontane	28.60	2200	JN
9. 077899-10-6	(Z)14-Tricosenyl formate	29.55	2200	JN
10.	unknown	29.90	1400	J
11. 007390-81-0	Oxirane, hexadecyl-	31.15	1600	JN

SAMPLES

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-1

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3485 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3465.03

Sample wt/vol: 10.85 (g/ml) G Lab File ID: BN1571.D

Level: (low/med) LOW Date Received: 04/08/98

% Moisture: 9.1 decanted:(Y/N) N Date Extracted: 04/09/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/30/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	300	U
62-75-9	N-nitroso-dimethylamine	200	U
62-53-3	Aniline	220	U
108-95-2	Phenol	340	U
111-44-4	bis(2-Chloroethyl)ether	210	U
95-57-8	2-Chlorophenol	190	U
541-73-1	1,3-Dichlorobenzene	210	U
106-46-7	1,4-Dichlorobenzene	300	U
100-51-6	Benzyl alcohol	270	U
95-50-1	1,2-Dichlorobenzene	240	U
	2-Methylphenol	210	U
108-60-1	bis(2-chloroisopropyl)ether	250	U
	4-Methylphenol	270	U
621-64-7	n-Nitroso-di-n-propylamine	250	U
67-72-1	Hexachloroethane	210	U
98-95-3	Nitrobenzene	270	U
78-59-1	Isophorone	260	U
88-75-5	2-Nitrophenol	170	U
105-67-9	2,4-Dimethylphenol	300	U
111-91-1	bis(2-Chloroethoxy)methane	120	U
120-83-2	2,4-Dichlorophenol	160	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	270	U
91-20-3	Naphthalene	250	U
106-47-8	4-Chloroaniline	300	U
87-68-3	Hexachlorobutadiene	250	U
59-50-7	4-Chloro-3-methylphenol	200	U
91-57-6	2-Methylnaphthalene	280	U
77-47-4	Hexachlorocyclopentadiene	58	U
88-06-2	2,4,6-Trichlorophenol	190	U
	2,4,5-Trichlorophenol	210	U
91-58-7	2-Chloronaphthalene	180	U
88-74-4	2-Nitroaniline	170	U
131-11-3	Dimethylphthalate	150	U
208-96-8	Acenaphthylene	190	U
606-20-2	2,6-Dinitrotoluene	230	U
99-09-2	3-Nitroaniline	250	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-1

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3485 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3465.03

Sample wt/vol: 10.85 (g/ml) G Lab File ID: BN1571.D

Level: (low/med) LOW Date Received: 04/08/98

% Moisture: 9.1 decanted:(Y/N) N Date Extracted: 04/09/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/30/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	180	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	190	U
100-02-7	4-Nitrophenol	470	U
121-14-2	2,4-Dinitrotoluene	190	U
84-66-2	Diethylphthalate	210	U
86-73-7	Fluorene	190	U
7005-72-3	4-Chlorophenyl-phenylether	190	U
100-01-6	4-Nitroaniline	290	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	190	U
103-33-3	Azobenzene	190	U
101-55-3	4-Bromophenyl-phenylether	180	U
118-74-1	Hexachlorobenzene	270	U
87-86-5	Pentachlorophenol	300	U
85-01-8	Phenanthrene	160	J
120-12-7	Anthracene	200	U
84-74-2	Di-n-butylphthalate	3900	B
206-44-0	Fluoranthene	170	J
92-87-5	Benzidine	920	U
129-00-0	Pyrene	280	
85-68-7	Butylbenzylphthalate	250	U
56-55-3	Benzo[a]anthracene	120	J
91-94-1	3,3'-Dichlorobenzidine	350	U
218-01-9	Chrysene	230	J
117-81-7	bis(2-Ethylhexyl)phthalate	100	JB
117-84-0	Di-n-octylphthalate	290	U
205-99-2	Benzo[b]fluoranthene	250	U
207-08-9	Benzo[k]fluoranthene	180	U
50-32-8	Benzo[a]pyrene	110	J
193-39-5	Indeno[1,2,3-cd]pyrene	210	U
53-70-3	Dibenz[a,h]anthracene	240	U
191-24-2	Benzo[g,h,i]perylene	240	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-1

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3485 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3465.03

Sample wt/vol: 10.85 (g/ml) G Lab File ID: BN1571.D

Level: (low/med) LOW Date Received: 04/08/98

% Moisture: 9.1 decanted: (Y/N) N Date Extracted: 04/09/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/30/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 001454-84-8	1-Nonadecanol	26.41	4000	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-2

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3485 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3465.07

Sample wt/vol: 10.6 (g/ml) G Lab File ID: BN1512.D

Level: (low/med) LOW Date Received: 04/08/98

% Moisture: 13.3 decanted:(Y/N) N Date Extracted: 04/09/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/28/98

Injection Volume: 1.0 (uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1600	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1200	U
108-95-2	Phenol	1800	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1000	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1600	U
100-51-6	Benzyl alcohol	1500	U
95-50-1	1,2-Dichlorobenzene	1300	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1400	U
	4-Methylphenol	1500	U
621-64-7	n-Nitroso-di-n-propylamine	1300	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1500	U
78-59-1	Isophorone	1400	U
88-75-5	2-Nitrophenol	910	U
105-67-9	2,4-Dimethylphenol	1600	U
111-91-1	bis(2-Chloroethoxy)methane	650	U
120-83-2	2,4-Dichlorophenol	860	U
65-85-0	Benzoic Acid	5400	U
120-82-1	1,2,4-Trichlorobenzene	1400	U
91-20-3	Naphthalene	1300	U
106-47-8	4-Chloroaniline	1600	U
87-68-3	Hexachlorobutadiene	1400	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1500	U
77-47-4	Hexachlorocyclopentadiene	310	U
88-06-2	2,4,6-Trichlorophenol	1000	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	960	U
88-74-4	2-Nitroaniline	900	U
131-11-3	Dimethylphthalate	820	U
208-96-8	Acenaphthylene	1000	U
606-20-2	2,6-Dinitrotoluene	1200	U
99-09-2	3-Nitroaniline	1400	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-2

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3485 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3465.07

Sample wt/vol: 10.6 (g/ml) G Lab File ID: BN1512.D

Level: (low/med) LOW Date Received: 04/08/98

% Moisture: 13.3 decanted:(Y/N) N Date Extracted: 04/09/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/28/98

Injection Volume: 1.0 (uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	950	U
51-28-5	2,4-Dinitrophenol	5400	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	2500	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1500	U
534-52-1	4,6-Dinitro-2-methylphenol	5400	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	940	U
118-74-1	Hexachlorobenzene	1400	U
87-86-5	Pentachlorophenol	1600	U
85-01-8	Phenanthrene	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	26000	BD
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	4900	U
129-00-0	Pyrene	1200	U
85-68-7	Butylbenzylphthalate	1400	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1900	U
218-01-9	Chrysene	1400	U
117-81-7	bis(2-Ethylhexyl)phthalate	730	JBD
117-84-0	Di-n-octylphthalate	1500	U
205-99-2	Benzo[b]fluoranthene	1300	U
207-08-9	Benzo[k]fluoranthene	990	U
50-32-8	Benzo[a]pyrene	1000	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1300	U
191-24-2	Benzo[g,h,i]perylene	1300	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-2

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3485 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3465.07

Sample wt/vol: 10.6 (g/ml) G Lab File ID: BN1512.D

Level: (low/med) LOW Date Received: 04/08/98

% Moisture: 13.3 decanted: (Y/N) N Date Extracted: 04/09/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/28/98

Injection Volume: 1.0 (uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000112-92-5	1-Octadecanol	26.39	5500	JND

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-3

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3485 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3465.11

Sample wt/vol: 10.03 (g/ml) G Lab File ID: BN1513.D

Level: (low/med) LOW Date Received: 04/08/98

% Moisture: 11.9 decanted:(Y/N) N Date Extracted: 04/09/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/28/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	340	U
62-75-9	N-nitroso-dimethylamine	230	U
62-53-3	Aniline	250	U
108-95-2	Phenol	380	U
111-44-4	bis(2-Chloroethyl)ether	240	U
95-57-8	2-Chlorophenol	220	U
541-73-1	1,3-Dichlorobenzene	230	U
106-46-7	1,4-Dichlorobenzene	330	U
100-51-6	Benzyl alcohol	300	U
95-50-1	1,2-Dichlorobenzene	270	U
	2-Methylphenol	230	U
108-60-1	bis(2-chloroisopropyl)ether	280	U
	4-Methylphenol	300	U
621-64-7	n-Nitroso-di-n-propylamine	280	U
67-72-1	Hexachloroethane	240	U
98-95-3	Nitrobenzene	300	U
78-59-1	Isophorone	290	U
88-75-5	2-Nitrophenol	190	U
105-67-9	2,4-Dimethylphenol	330	U
111-91-1	bis(2-Chloroethoxy)methane	130	U
120-83-2	2,4-Dichlorophenol	180	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	300	U
91-20-3	Naphthalene	280	U
106-47-8	4-Chloroaniline	330	U
87-68-3	Hexachlorobutadiene	280	U
59-50-7	4-Chloro-3-methylphenol	220	U
91-57-6	2-Methylnaphthalene	310	U
77-47-4	Hexachlorocyclopentadiene	65	U
88-06-2	2,4,6-Trichlorophenol	210	U
	2,4,5-Trichlorophenol	240	U
91-58-7	2-Chloronaphthalene	200	U
88-74-4	2-Nitroaniline	190	U
131-11-3	Dimethylphthalate	170	U
208-96-8	Acenaphthylene	220	U
606-20-2	2,6-Dinitrotoluene	260	U
99-09-2	3-Nitroaniline	280	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-3

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3485 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3465.11

Sample wt/vol: 10.03 (g/ml) G Lab File ID: BN1513.D

Level: (low/med) LOW Date Received: 04/08/98

% Moisture: 11.9 decanted:(Y/N) N Date Extracted: 04/09/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/28/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	200	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	210	U
100-02-7	4-Nitrophenol	520	U
121-14-2	2,4-Dinitrotoluene	210	U
84-66-2	Diethylphthalate	230	U
86-73-7	Fluorene	220	U
7005-72-3	4-Chlorophenyl-phenylether	210	U
100-01-6	4-Nitroaniline	320	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	210	U
103-33-3	Azobenzene	220	U
101-55-3	4-Bromophenyl-phenylether	200	U
118-74-1	Hexachlorobenzene	300	U
87-86-5	Pentachlorophenol	330	U
85-01-8	Phenanthrene	220	U
120-12-7	Anthracene	220	U
84-74-2	Di-n-butylphthalate	1500	B
206-44-0	Fluoranthene	220	U
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	260	U
85-68-7	Butylbenzylphthalate	280	U
56-55-3	Benzo[a]anthracene	220	U
91-94-1	3,3'-Dichlorobenzidine	390	U
218-01-9	Chrysene	280	U
117-81-7	bis(2-Ethylhexyl)phthalate	110	JB
117-84-0	Di-n-octylphthalate	320	U
205-99-2	Benzo[b]fluoranthene	280	U
207-08-9	Benzo[k]fluoranthene	210	U
50-32-8	Benzo[a]pyrene	210	U
193-39-5	Indeno[1,2,3-cd]pyrene	230	U
53-70-3	Dibenz[a,h]anthracene	270	U
191-24-2	Benzo[g,h,i]perylene	270	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-3

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3485 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3465.11

Sample wt/vol: 10.03 (g/ml) G Lab File ID: BN1513.D

Level: (low/med) LOW Date Received: 04/08/98

% Moisture: 11.9 decanted: (Y/N) N Date Extracted: 04/09/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/28/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	6.50	1300	J
2. 000112-92-5	1-Octadecanol	26.39	1800	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-4

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3470 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3470.03

Sample wt/vol: 10.13 (g/ml) G Lab File ID: BN1540.D

Level: (low/med) LOW Date Received: 04/09/98

% Moisture: 9.15 decanted:(Y/N) N Date Extracted: 04/10/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/29/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	320	U
62-75-9	N-nitroso-dimethylamine	220	U
62-53-3	Aniline	240	U
108-95-2	Phenol	360	U
111-44-4	bis(2-Chloroethyl)ether	230	U
95-57-8	2-Chlorophenol	210	U
541-73-1	1,3-Dichlorobenzene	220	U
106-46-7	1,4-Dichlorobenzene	320	U
100-51-6	Benzyl alcohol	290	U
95-50-1	1,2-Dichlorobenzene	260	U
	2-Methylphenol	220	U
108-60-1	bis(2-chloroisopropyl)ether	270	U
	4-Methylphenol	290	U
621-64-7	n-Nitroso-di-n-propylamine	270	U
67-72-1	Hexachloroethane	230	U
98-95-3	Nitrobenzene	290	U
78-59-1	Isophorone	280	U
88-75-5	2-Nitrophenol	180	U
105-67-9	2,4-Dimethylphenol	320	U
111-91-1	bis(2-Chloroethoxy)methane	130	U
120-83-2	2,4-Dichlorophenol	170	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	280	U
91-20-3	Naphthalene	270	U
106-47-8	4-Chloroaniline	320	U
87-68-3	Hexachlorobutadiene	270	U
59-50-7	4-Chloro-3-methylphenol	210	U
91-57-6	2-Methylnaphthalene	300	U
77-47-4	Hexachlorocyclopentadiene	62	U
88-06-2	2,4,6-Trichlorophenol	200	U
	2,4,5-Trichlorophenol	230	U
91-58-7	2-Chloronaphthalene	190	U
88-74-4	2-Nitroaniline	180	U
131-11-3	Dimethylphthalate	160	U
208-96-8	Acenaphthylene	210	U
606-20-2	2,6-Dinitrotoluene	250	U
99-09-2	3-Nitroaniline	270	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-4

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3470 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3470.03

Sample wt/vol: 10.13 (g/ml) G Lab File ID: BN1540.D

Level: (low/med) LOW Date Received: 04/09/98

% Moisture: 9.15 decanted:(Y/N) N Date Extracted: 04/10/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/29/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	190	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	200	U
100-02-7	4-Nitrophenol	500	U
121-14-2	2,4-Dinitrotoluene	200	U
84-66-2	Diethylphthalate	220	U
86-73-7	Fluorene	210	U
7005-72-3	4-Chlorophenyl-phenylether	200	U
100-01-6	4-Nitroaniline	310	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	200	U
103-33-3	Azobenzene	210	U
101-55-3	4-Bromophenyl-phenylether	190	U
118-74-1	Hexachlorobenzene	290	U
87-86-5	Pentachlorophenol	320	U
85-01-8	Phenanthrene	210	U
120-12-7	Anthracene	210	U
84-74-2	Di-n-butylphthalate	2100	B
206-44-0	Fluoranthene	210	U
92-87-5	Benzidine	980	U
129-00-0	Pyrene	250	U
85-68-7	Butylbenzylphthalate	270	U
56-55-3	Benzo[a]anthracene	210	U
91-94-1	3,3'-Dichlorobenzidine	370	U
218-01-9	Chrysene	270	U
117-81-7	bis(2-Ethylhexyl)phthalate	110	J
117-84-0	Di-n-octylphthalate	310	U
205-99-2	Benzo[b]fluoranthene	270	U
207-08-9	Benzo[k]fluoranthene	200	U
50-32-8	Benzo[a]pyrene	200	U
193-39-5	Indeno[1,2,3-cd]pyrene	220	U
53-70-3	Dibenz[a,h]anthracene	260	U
191-24-2	Benzo[g,h,i]perylene	260	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-4

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3470 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3470.03

Sample wt/vol: 10.13 (g/ml) G Lab File ID: BN1540.D

Level: (low/med) LOW Date Received: 04/09/98

% Moisture: 9.15 decanted: (Y/N) N Date Extracted: 04/10/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/29/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 4 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-83-8	Cyclohexene	3.42	3200	JN
2.	unknown	6.52	920	J
3. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	20.96	1100	JN
4. 074685-30-6	5-Eicosene, (E)-	26.40	2300	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-5

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3470 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3470.07

Sample wt/vol: 10 (g/ml) G Lab File ID: BN1541.D

Level: (low/med) LOW Date Received: 04/09/98

% Moisture: 10.58 decanted:(Y/N) N Date Extracted: 04/10/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/29/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	330	U
62-75-9	N-nitroso-dimethylamine	220	U
62-53-3	Aniline	240	U
108-95-2	Phenol	370	U
111-44-4	bis(2-Chloroethyl)ether	230	U
95-57-8	2-Chlorophenol	210	U
541-73-1	1,3-Dichlorobenzene	230	U
106-46-7	1,4-Dichlorobenzene	330	U
100-51-6	Benzyl alcohol	300	U
95-50-1	1,2-Dichlorobenzene	260	U
	2-Methylphenol	230	U
108-60-1	bis(2-chloroisopropyl)ether	280	U
	4-Methylphenol	300	U
621-64-7	n-Nitroso-di-n-propylamine	270	U
67-72-1	Hexachloroethane	230	U
98-95-3	Nitrobenzene	300	U
78-59-1	Isophorone	290	U
88-75-5	2-Nitrophenol	190	U
105-67-9	2,4-Dimethylphenol	330	U
111-91-1	bis(2-Chloroethoxy)methane	130	U
120-83-2	2,4-Dichlorophenol	180	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	290	U
91-20-3	Naphthalene	270	U
106-47-8	4-Chloroaniline	330	U
87-68-3	Hexachlorobutadiene	280	U
59-50-7	4-Chloro-3-methylphenol	220	U
91-57-6	2-Methylnaphthalene	310	U
77-47-4	Hexachlorocyclopentadiene	64	U
88-06-2	2,4,6-Trichlorophenol	210	U
	2,4,5-Trichlorophenol	230	U
91-58-7	2-Chloronaphthalene	200	U
88-74-4	2-Nitroaniline	190	U
131-11-3	Dimethylphthalate	170	U
208-96-8	Acenaphthylene	210	U
606-20-2	2,6-Dinitrotoluene	250	U
99-09-2	3-Nitroaniline	280	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-5

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3470 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3470.07

Sample wt/vol: 10 (g/ml) G Lab File ID: BN1541.D

Level: (low/med) LOW Date Received: 04/09/98

% Moisture: 10.58 decanted:(Y/N) N Date Extracted: 04/10/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/29/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	200	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	210	U
100-02-7	4-Nitrophenol	510	U
121-14-2	2,4-Dinitrotoluene	210	U
84-66-2	Diethylphthalate	230	U
86-73-7	Fluorene	210	U
7005-72-3	4-Chlorophenyl-phenylether	210	U
100-01-6	4-Nitroaniline	320	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	200	U
103-33-3	Azobenzene	210	U
101-55-3	4-Bromophenyl-phenylether	190	U
118-74-1	Hexachlorobenzene	300	U
87-86-5	Pentachlorophenol	330	U
85-01-8	Phenanthrene	280	
120-12-7	Anthracene	220	U
84-74-2	Di-n-butylphthalate	7900	B
206-44-0	Fluoranthene	310	
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	410	
85-68-7	Butylbenzylphthalate	280	U
56-55-3	Benzo[a]anthracene	180	J
91-94-1	3,3'-Dichlorobenzidine	380	U
218-01-9	Chrysene	370	
117-81-7	bis(2-Ethylhexyl)phthalate	310	U
117-84-0	Di-n-octylphthalate	320	U
205-99-2	Benzo[b]fluoranthene	170	J
207-08-9	Benzo[k]fluoranthene	150	J
50-32-8	Benzo[a]pyrene	170	J
193-39-5	Indeno[1,2,3-cd]pyrene	230	U
53-70-3	Dibenz[a,h]anthracene	270	U
191-24-2	Benzo[g,h,i]perylene	270	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-5

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3470 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3470.07

Sample wt/vol: 10 (g/ml) G Lab File ID: BN1541.D

Level: (low/med) LOW Date Received: 04/09/98

% Moisture: 10.58 decanted: (Y/N) N Date Extracted: 04/10/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/29/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 3 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	3.43	21000	J
2.	unknown	6.52	960	J
3. 019047-85-9	Phosphonic acid, dioctadecyl est	26.40	3500	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-6

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3742 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3470.11

Sample wt/vol: 10.31 (g/ml) G Lab File ID: BN1544.D

Level: (low/med) LOW Date Received: 04/09/98

% Moisture: 9.68 decanted:(Y/N) N Date Extracted: 04/10/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/29/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	320	U
62-75-9	N-nitroso-dimethylamine	210	U
62-53-3	Aniline	230	U
108-95-2	Phenol	360	U
111-44-4	bis(2-Chloroethyl)ether	230	U
95-57-8	2-Chlorophenol	210	U
541-73-1	1,3-Dichlorobenzene	220	U
106-46-7	1,4-Dichlorobenzene	310	U
100-51-6	Benzyl alcohol	290	U
95-50-1	1,2-Dichlorobenzene	250	U
	2-Methylphenol	220	U
108-60-1	bis(2-chloroisopropyl)ether	270	U
	4-Methylphenol	290	U
621-64-7	n-Nitroso-di-n-propylamine	260	U
67-72-1	Hexachloroethane	230	U
98-95-3	Nitrobenzene	290	U
78-59-1	Isophorone	270	U
88-75-5	2-Nitrophenol	180	U
105-67-9	2,4-Dimethylphenol	310	U
111-91-1	bis(2-Chloroethoxy)methane	130	U
120-83-2	2,4-Dichlorophenol	170	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	280	U
91-20-3	Naphthalene	260	U
106-47-8	4-Chloroaniline	310	U
87-68-3	Hexachlorobutadiene	270	U
59-50-7	4-Chloro-3-methylphenol	210	U
91-57-6	2-Methylnaphthalene	290	U
77-47-4	Hexachlorocyclopentadiene	61	U
88-06-2	2,4,6-Trichlorophenol	200	U
	2,4,5-Trichlorophenol	230	U
91-58-7	2-Chloronaphthalene	190	U
88-74-4	2-Nitroaniline	180	U
131-11-3	Dimethylphthalate	160	U
208-96-8	Acenaphthylene	210	U
606-20-2	2,6-Dinitrotoluene	240	U
99-09-2	3-Nitroaniline	270	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-6

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3742 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3470.11

Sample wt/vol: 10.31 (g/ml) G Lab File ID: BN1544.D

Level: (low/med) LOW Date Received: 04/09/98

% Moisture: 9.68 decanted:(Y/N) N Date Extracted: 04/10/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/29/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	190	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	200	U
100-02-7	4-Nitrophenol	490	U
121-14-2	2,4-Dinitrotoluene	200	U
84-66-2	Diethylphthalate	220	U
86-73-7	Fluorene	210	U
7005-72-3	4-Chlorophenyl-phenylether	200	U
100-01-6	4-Nitroaniline	300	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	200	U
103-33-3	Azobenzene	210	U
101-55-3	4-Bromophenyl-phenylether	190	U
118-74-1	Hexachlorobenzene	280	U
87-86-5	Pentachlorophenol	320	U
85-01-8	Phenanthrene	210	U
120-12-7	Anthracene	210	U
84-74-2	Di-n-butylphthalate	15000	EB
206-44-0	Fluoranthene	210	U
92-87-5	Benzidine	970	U
129-00-0	Pyrene	240	U
85-68-7	Butylbenzylphthalate	270	U
56-55-3	Benzo[a]anthracene	210	U
91-94-1	3,3'-Dichlorobenzidine	370	U
218-01-9	Chrysene	270	U
117-81-7	bis(2-Ethylhexyl)phthalate	170	J
117-84-0	Di-n-octylphthalate	300	U
205-99-2	Benzo[b]fluoranthene	260	U
207-08-9	Benzo[k]fluoranthene	200	U
50-32-8	Benzo[a]pyrene	200	U
193-39-5	Indeno[1,2,3-cd]pyrene	220	U
53-70-3	Dibenz[a,h]anthracene	260	U
191-24-2	Benzo[g,h,i]perylene	260	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-6

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3742 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3470.11

Sample wt/vol: 10.31 (g/ml) G Lab File ID: BN1544.D

Level: (low/med) LOW Date Received: 04/09/98

% Moisture: 9.68 decanted: (Y/N) N Date Extracted: 04/10/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/29/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 2

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-83-8	Cyclohexene	3.42	29000	JN
2. 000629-96-9	1-Eicosanol	26.40	3900	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-6

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3485 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3470.11

Sample wt/vol: 10.31 (g/ml) G Lab File ID: BN1602.D

Level: (low/med) LOW Date Received: 04/08/98

% Moisture: 9.68 decanted:(Y/N) N Date Extracted: 04/10/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/05/98

Injection Volume: 1.0 (uL) Dilution Factor: 2.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	500	JD
62-75-9	N-nitroso-dimethylamine	430	U
62-53-3	Aniline	470	U
108-95-2	Phenol	720	U
111-44-4	bis(2-Chloroethyl)ether	450	U
95-57-8	2-Chlorophenol	410	U
541-73-1	1,3-Dichlorobenzene	440	U
106-46-7	1,4-Dichlorobenzene	630	U
100-51-6	Benzyl alcohol	570	U
95-50-1	1,2-Dichlorobenzene	510	U
	2-Methylphenol	440	U
108-60-1	bis(2-chloroisopropyl)ether	540	U
	4-Methylphenol	570	U
621-64-7	n-Nitroso-di-n-propylamine	520	U
67-72-1	Hexachloroethane	450	U
98-95-3	Nitrobenzene	580	U
78-59-1	Isophorone	550	U
88-75-5	2-Nitrophenol	360	U
105-67-9	2,4-Dimethylphenol	630	U
111-91-1	bis(2-Chloroethoxy)methane	260	U
120-83-2	2,4-Dichlorophenol	340	U
65-85-0	Benzoic Acid	2100	U
120-82-1	1,2,4-Trichlorobenzene	560	U
91-20-3	Naphthalene	520	U
106-47-8	4-Chloroaniline	630	U
87-68-3	Hexachlorobutadiene	530	U
59-50-7	4-Chloro-3-methylphenol	420	U
91-57-6	2-Methylnaphthalene	590	U
77-47-4	Hexachlorocyclopentadiene	120	U
88-06-2	2,4,6-Trichlorophenol	400	U
	2,4,5-Trichlorophenol	450	U
91-58-7	2-Chloronaphthalene	380	U
88-74-4	2-Nitroaniline	360	U
131-11-3	Dimethylphthalate	320	U
208-96-8	Acenaphthylene	410	U
606-20-2	2,6-Dinitrotoluene	490	U
99-09-2	3-Nitroaniline	540	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-6

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3485 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3470.11

Sample wt/vol: 10.31 (g/ml) G Lab File ID: BN1602.D

Level: (low/med) LOW Date Received: 04/08/98

% Moisture: 9.68 decanted:(Y/N) N Date Extracted: 04/10/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/05/98

Injection Volume: 1.0 (uL) Dilution Factor: 2.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	380	U
51-28-5	2,4-Dinitrophenol	2100	U
132-64-9	Dibenzofuran	400	U
100-02-7	4-Nitrophenol	990	U
121-14-2	2,4-Dinitrotoluene	400	U
84-66-2	Diethylphthalate	440	U
86-73-7	Fluorene	410	U
7005-72-3	4-Chlorophenyl-phenylether	400	U
100-01-6	4-Nitroaniline	610	U
534-52-1	4,6-Dinitro-2-methylphenol	2100	U
86-30-6	n-Nitrosodiphenylamine	390	U
103-33-3	Azobenzene	410	U
101-55-3	4-Bromophenyl-phenylether	370	U
118-74-1	Hexachlorobenzene	570	U
87-86-5	Pentachlorophenol	630	U
85-01-8	Phenanthrene	410	U
120-12-7	Anthracene	410	U
84-74-2	Di-n-butylphthalate	14000	BD
206-44-0	Fluoranthene	420	U
92-87-5	Benzidine	1900	U
129-00-0	Pyrene	490	U
85-68-7	Butylbenzylphthalate	540	U
56-55-3	Benzo[a]anthracene	420	U
91-94-1	3,3'-Dichlorobenzidine	740	U
218-01-9	Chrysene	540	U
117-81-7	bis(2-Ethylhexyl)phthalate	590	U
117-84-0	Di-n-octylphthalate	610	U
205-99-2	Benzo[b]fluoranthene	530	U
207-08-9	Benzo[k]fluoranthene	390	U
50-32-8	Benzo[a]pyrene	400	U
193-39-5	Indeno[1,2,3-cd]pyrene	440	U
53-70-3	Dibenz[a,h]anthracene	510	U
191-24-2	Benzo[g,h,i]perylene	510	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-6

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3485 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3470.11 RD

Sample wt/vol: 10.31 (g/ml) G Lab File ID: BN1602.D

Level: (low/med) LOW Date Received: 04/08/98

% Moisture: 9.68 decanted: (Y/N) N Date Extracted: 04/09/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/05/98

Injection Volume: 1.0 (uL) Dilution Factor: 2.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000112-92-5	1-Octadecanol	26.38	2800	JND

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-7

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3470 Location: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3470.15

Sample wt/vol: 10.17 (g/ml) G Lab File ID: BN1562.D

Level: (low/med) LOW Date Received: 04/09/98

% Moisture: 17.45 decanted:(Y/N) N Date Extracted: 04/10/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/30/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	360	U
62-75-9	N-nitroso-dimethylamine	240	U
62-53-3	Aniline	260	U
108-95-2	Phenol	400	U
111-44-4	bis(2-Chloroethyl)ether	250	U
95-57-8	2-Chlorophenol	230	U
541-73-1	1,3-Dichlorobenzene	250	U
106-46-7	1,4-Dichlorobenzene	350	U
100-51-6	Benzyl alcohol	320	U
95-50-1	1,2-Dichlorobenzene	280	U
	2-Methylphenol	240	U
108-60-1	bis(2-chloroisopropyl)ether	300	U
	4-Methylphenol	320	U
621-64-7	n-Nitroso-di-n-propylamine	290	U
67-72-1	Hexachloroethane	250	U
98-95-3	Nitrobenzene	320	U
78-59-1	Isophorone	300	U
88-75-5	2-Nitrophenol	200	U
105-67-9	2,4-Dimethylphenol	350	U
111-91-1	bis(2-Chloroethoxy)methane	140	U
120-83-2	2,4-Dichlorophenol	190	U
65-85-0	Benzoic Acid	1200	U
120-82-1	1,2,4-Trichlorobenzene	310	U
91-20-3	Naphthalene	290	U
106-47-8	4-Chloroaniline	350	U
87-68-3	Hexachlorobutadiene	300	U
59-50-7	4-Chloro-3-methylphenol	230	U
91-57-6	2-Methylnaphthalene	330	U
77-47-4	Hexachlorocyclopentadiene	68	U
88-06-2	2,4,6-Trichlorophenol	220	U
	2,4,5-Trichlorophenol	250	U
91-58-7	2-Chloronaphthalene	210	U
88-74-4	2-Nitroaniline	200	U
131-11-3	Dimethylphthalate	180	U
208-96-8	Acenaphthylene	230	U
606-20-2	2,6-Dinitrotoluene	270	U
99-09-2	3-Nitroaniline	300	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-7

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3470 Location: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3470.15

Sample wt/vol: 10.17 (g/ml) G Lab File ID: BN1562.D

Level: (low/med) LOW Date Received: 04/09/98

% Moisture: 17.45 decanted:(Y/N) N Date Extracted: 04/10/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/30/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	210	U
51-28-5	2,4-Dinitrophenol	1200	U
132-64-9	Dibenzofuran	220	U
100-02-7	4-Nitrophenol	550	U
121-14-2	2,4-Dinitrotoluene	220	U
84-66-2	Diethylphthalate	240	U
86-73-7	Fluorene	230	U
7005-72-3	4-Chlorophenyl-phenylether	220	U
100-01-6	4-Nitroaniline	340	U
534-52-1	4,6-Dinitro-2-methylphenol	1200	U
86-30-6	n-Nitrosodiphenylamine	220	U
103-33-3	Azobenzene	230	U
101-55-3	4-Bromophenyl-phenylether	210	U
118-74-1	Hexachlorobenzene	310	U
87-86-5	Pentachlorophenol	350	U
85-01-8	Phenanthrene	1700	
120-12-7	Anthracene	300	
84-74-2	Di-n-butylphthalate	16000	EB
206-44-0	Fluoranthene	2100	
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1600	
85-68-7	Butylbenzylphthalate	300	U
56-55-3	Benzo[a]anthracene	990	
91-94-1	3,3'-Dichlorobenzidine	410	U
218-01-9	Chrysene	1500	
117-81-7	bis(2-Ethylhexyl)phthalate	330	U
117-84-0	Di-n-octylphthalate	340	U
205-99-2	Benzo[b]fluoranthene	890	
207-08-9	Benzo[k]fluoranthene	860	
50-32-8	Benzo[a]pyrene	820	
193-39-5	Indeno[1,2,3-cd]pyrene	580	
53-70-3	Dibenz[a,h]anthracene	240	J
191-24-2	Benzo[g,h,i]perylene	480	

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-7

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3470 Location: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3470.15

Sample wt/vol: 10.17 (g/ml) G Lab File ID: BN1562.D

Level: (low/med) LOW Date Received: 04/09/98

% Moisture: 17.45 decanted: (Y/N) N Date Extracted: 04/10/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/30/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 3

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 002597-49-1	Cyclobutane, ethenyl-	3.47	40000	JN
2. 010544-50-0	Sulfur, mol. (S8)	23.08	1100	JN
3. 000112-92-5	1-Octadecanol	26.40	3600	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-7

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3485 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3470.15

Sample wt/vol: 10.17 (g/ml) G Lab File ID: BN1604.D

Level: (low/med) LOW Date Received: 04/09/98

% Moisture: 17.45 decanted:(Y/N) N Date Extracted: 04/10/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/05/98

Injection Volume: 1.0 (uL) Dilution Factor: 2.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	680	JD
62-75-9	N-nitroso-dimethylamine	480	U
62-53-3	Aniline	520	U
108-95-2	Phenol	790	U
111-44-4	bis(2-Chloroethyl)ether	500	U
95-57-8	2-Chlorophenol	460	U
541-73-1	1,3-Dichlorobenzene	490	U
106-46-7	1,4-Dichlorobenzene	700	U
100-51-6	Benzyl alcohol	640	U
95-50-1	1,2-Dichlorobenzene	560	U
	2-Methylphenol	490	U
108-60-1	bis(2-chloroisopropyl)ether	600	U
	4-Methylphenol	640	U
621-64-7	n-Nitroso-di-n-propylamine	580	U
67-72-1	Hexachloroethane	500	U
98-95-3	Nitrobenzene	640	U
78-59-1	Isophorone	610	U
88-75-5	2-Nitrophenol	400	U
105-67-9	2,4-Dimethylphenol	700	U
111-91-1	bis(2-Chloroethoxy)methane	280	U
120-83-2	2,4-Dichlorophenol	380	U
65-85-0	Benzoic Acid	2400	U
120-82-1	1,2,4-Trichlorobenzene	620	U
91-20-3	Naphthalene	580	U
106-47-8	4-Chloroaniline	700	U
87-68-3	Hexachlorobutadiene	590	U
59-50-7	4-Chloro-3-methylphenol	460	U
91-57-6	2-Methylnaphthalene	650	U
77-47-4	Hexachlorocyclopentadiene	140	U
88-06-2	2,4,6-Trichlorophenol	450	U
	2,4,5-Trichlorophenol	500	U
91-58-7	2-Chloronaphthalene	420	U
88-74-4	2-Nitroaniline	400	U
131-11-3	Dimethylphthalate	360	U
208-96-8	Acenaphthylene	460	U
606-20-2	2,6-Dinitrotoluene	540	U
99-09-2	3-Nitroaniline	600	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-7

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3485 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3470.15

Sample wt/vol: 10.17 (g/ml) G Lab File ID: BN1604.D

Level: (low/med) LOW Date Received: 04/09/98

% Moisture: 17.45 decanted:(Y/N) N Date Extracted: 04/10/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/05/98

Injection Volume: 1.0 (uL) Dilution Factor: 2.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	420	U
51-28-5	2,4-Dinitrophenol	2400	U
132-64-9	Dibenzofuran	440	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	440	U
84-66-2	Diethylphthalate	480	U
86-73-7	Fluorene	460	U
7005-72-3	4-Chlorophenyl-phenylether	450	U
100-01-6	4-Nitroaniline	670	U
534-52-1	4,6-Dinitro-2-methylphenol	2400	U
86-30-6	n-Nitrosodiphenylamine	440	U
103-33-3	Azobenzene	460	U
101-55-3	4-Bromophenyl-phenylether	410	U
118-74-1	Hexachlorobenzene	630	U
87-86-5	Pentachlorophenol	700	U
85-01-8	Phenanthrene	1500	D
120-12-7	Anthracene	460	U
84-74-2	Di-n-butylphthalate	16000	BD
206-44-0	Fluoranthene	1800	D
92-87-5	Benzidine	2200	U
129-00-0	Pyrene	1400	D
85-68-7	Butylbenzylphthalate	600	U
56-55-3	Benzo[a]anthracene	850	D
91-94-1	3,3'-Dichlorobenzidine	820	U
218-01-9	Chrysene	1300	D
117-81-7	bis(2-Ethylhexyl)phthalate	660	U
117-84-0	Di-n-octylphthalate	670	U
205-99-2	Benzo[b]fluoranthene	790	D
207-08-9	Benzo[k]fluoranthene	690	D
50-32-8	Benzo[a]pyrene	720	D
193-39-5	Indeno[1,2,3-cd]pyrene	500	D
53-70-3	Dibenz[a,h]anthracene	570	U
191-24-2	Benzo[g,h,i]perylene	420	JD

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-7

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3485 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3470.15 RD

Sample wt/vol: 10.17 (g/ml) G Lab File ID: BN1604.D

Level: (low/med) LOW Date Received: 04/08/98

% Moisture: 17.45 decanted: (Y/N) N Date Extracted: 04/09/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/05/98

Injection Volume: 1.0 (uL) Dilution Factor: 2.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000629-96-9	1-Eicosanol	26.38	2600	JND

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-8

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3472 Location: 98-021 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3472.03

Sample wt/vol: 10.16 (g/ml) G Lab File ID: BN1518.D

Level: (low/med) LOW Date Received: 04/10/98

% Moisture: 23.4 decanted:(Y/N) N Date Extracted: 04/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/28/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	380	U
62-75-9	N-nitroso-dimethylamine	260	U
62-53-3	Aniline	280	U
108-95-2	Phenol	430	U
111-44-4	bis(2-Chloroethyl)ether	270	U
95-57-8	2-Chlorophenol	250	U
541-73-1	1,3-Dichlorobenzene	270	U
106-46-7	1,4-Dichlorobenzene	380	U
100-51-6	Benzyl alcohol	340	U
95-50-1	1,2-Dichlorobenzene	300	U
	2-Methylphenol	260	U
108-60-1	bis(2-chloroisopropyl)ether	320	U
	4-Methylphenol	340	U
621-64-7	n-Nitroso-di-n-propylamine	310	U
67-72-1	Hexachloroethane	270	U
98-95-3	Nitrobenzene	340	U
78-59-1	Isophorone	330	U
88-75-5	2-Nitrophenol	220	U
105-67-9	2,4-Dimethylphenol	380	U
111-91-1	bis(2-Chloroethoxy)methane	150	U
120-83-2	2,4-Dichlorophenol	200	U
65-85-0	Benzoic Acid	1300	U
120-82-1	1,2,4-Trichlorobenzene	340	U
91-20-3	Naphthalene	310	U
106-47-8	4-Chloroaniline	380	U
87-68-3	Hexachlorobutadiene	320	U
59-50-7	4-Chloro-3-methylphenol	250	U
91-57-6	2-Methylnaphthalene	350	U
77-47-4	Hexachlorocyclopentadiene	73	U
88-06-2	2,4,6-Trichlorophenol	240	U
	2,4,5-Trichlorophenol	270	U
91-58-7	2-Chloronaphthalene	230	U
88-74-4	2-Nitroaniline	210	U
131-11-3	Dimethylphthalate	190	U
208-96-8	Acenaphthylene	250	U
606-20-2	2,6-Dinitrotoluene	290	U
99-09-2	3-Nitroaniline	320	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-8

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3472 Location: 98-021 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3472.03

Sample wt/vol: 10.16 (g/ml) G Lab File ID: BN1518.D

Level: (low/med) LOW Date Received: 04/10/98

% Moisture: 23.4 decanted:(Y/N) N Date Extracted: 04/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/28/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	220	U
51-28-5	2,4-Dinitrophenol	1300	U
132-64-9	Dibenzofuran	240	U
100-02-7	4-Nitrophenol	590	U
121-14-2	2,4-Dinitrotoluene	240	U
84-66-2	Diethylphthalate	260	U
86-73-7	Fluorene	250	U
7005-72-3	4-Chlorophenyl-phenylether	240	U
100-01-6	4-Nitroaniline	360	U
534-52-1	4,6-Dinitro-2-methylphenol	1300	U
86-30-6	n-Nitrosodiphenylamine	240	U
103-33-3	Azobenzene	250	U
101-55-3	4-Bromophenyl-phenylether	220	U
118-74-1	Hexachlorobenzene	340	U
87-86-5	Pentachlorophenol	380	U
85-01-8	Phenanthrene	150	J
120-12-7	Anthracene	250	U
84-74-2	Di-n-butylphthalate	2000	B
206-44-0	Fluoranthene	250	U
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	150	J
85-68-7	Butylbenzylphthalate	320	U
56-55-3	Benzo[a]anthracene	360	
91-94-1	3,3'-Dichlorobenzidine	440	U
218-01-9	Chrysene	490	
117-81-7	bis(2-Ethylhexyl)phthalate	150	JB
117-84-0	Di-n-octylphthalate	360	U
205-99-2	Benzo[b]fluoranthene	160	J
207-08-9	Benzo[k]fluoranthene	230	U
50-32-8	Benzo[a]pyrene	140	J
193-39-5	Indeno[1,2,3-cd]pyrene	260	U
53-70-3	Dibenz[a,h]anthracene	310	U
191-24-2	Benzo[g,h,i]perylene	310	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-8

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3472 Location: 98-021 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3472.03

Sample wt/vol: 10.16 (g/ml) G Lab File ID: BN1518.D

Level: (low/med) LOW Date Received: 04/10/98

% Moisture: 23.4 decanted: (Y/N) N Date Extracted: 04/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/28/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 4 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-83-8	Cyclohexene	3.50	38000	JN
2. 000057-10-3	Hexadecanoic acid	21.79	1400	JN
3. 000629-96-9	1-Eicosanol	26.40	7600	JN
4. 001454-84-8	1-Nonadecanol	30.98	1400	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-9

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3472 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3472.07

Sample wt/vol: 10.12 (g/ml) G Lab File ID: BN1521.D

Level: (low/med) LOW Date Received: 04/10/98

% Moisture: 19.47 decanted:(Y/N) N Date Extracted: 04/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/28/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	370	U
62-75-9	N-nitroso-dimethylamine	250	U
62-53-3	Aniline	270	U
108-95-2	Phenol	410	U
111-44-4	bis(2-Chloroethyl)ether	260	U
95-57-8	2-Chlorophenol	230	U
541-73-1	1,3-Dichlorobenzene	250	U
106-46-7	1,4-Dichlorobenzene	360	U
100-51-6	Benzyl alcohol	330	U
95-50-1	1,2-Dichlorobenzene	290	U
	2-Methylphenol	250	U
108-60-1	bis(2-chloroisopropyl)ether	310	U
	4-Methylphenol	330	U
621-64-7	n-Nitroso-di-n-propylamine	300	U
67-72-1	Hexachloroethane	260	U
98-95-3	Nitrobenzene	330	U
78-59-1	Isophorone	310	U
88-75-5	2-Nitrophenol	210	U
105-67-9	2,4-Dimethylphenol	360	U
111-91-1	bis(2-Chloroethoxy)methane	150	U
120-83-2	2,4-Dichlorophenol	190	U
65-85-0	Benzoic Acid	1200	U
120-82-1	1,2,4-Trichlorobenzene	320	U
91-20-3	Naphthalene	300	U
106-47-8	4-Chloroaniline	360	U
87-68-3	Hexachlorobutadiene	310	U
59-50-7	4-Chloro-3-methylphenol	240	U
91-57-6	2-Methylnaphthalene	140	J
77-47-4	Hexachlorocyclopentadiene	70	U
88-06-2	2,4,6-Trichlorophenol	230	U
	2,4,5-Trichlorophenol	260	U
91-58-7	2-Chloronaphthalene	220	U
88-74-4	2-Nitroaniline	200	U
131-11-3	Dimethylphthalate	190	U
208-96-8	Acenaphthylene	240	U
606-20-2	2,6-Dinitrotoluene	280	U
99-09-2	3-Nitroaniline	310	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-9

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3472 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3472.07

Sample wt/vol: 10.12 (g/ml) G Lab File ID: BN1521.D

Level: (low/med) LOW Date Received: 04/10/98

% Moisture: 19.47 decanted:(Y/N) N Date Extracted: 04/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/28/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	210	U
51-28-5	2,4-Dinitrophenol	1200	U
132-64-9	Dibenzofuran	230	U
100-02-7	4-Nitrophenol	560	U
121-14-2	2,4-Dinitrotoluene	230	U
84-66-2	Diethylphthalate	250	U
86-73-7	Fluorene	230	U
7005-72-3	4-Chlorophenyl-phenylether	230	U
100-01-6	4-Nitroaniline	350	U
534-52-1	4,6-Dinitro-2-methylphenol	1200	U
86-30-6	n-Nitrosodiphenylamine	220	U
103-33-3	Azobenzene	230	U
101-55-3	4-Bromophenyl-phenylether	210	U
118-74-1	Hexachlorobenzene	320	U
87-86-5	Pentachlorophenol	360	U
85-01-8	Phenanthrene	680	
120-12-7	Anthracene	240	U
84-74-2	Di-n-butylphthalate	5200	B
206-44-0	Fluoranthene	1100	
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	880	
85-68-7	Butylbenzylphthalate	310	U
56-55-3	Benzo[a]anthracene	200	J
91-94-1	3,3'-Dichlorobenzidine	420	U
218-01-9	Chrysene	280	J
117-81-7	bis(2-Ethylhexyl)phthalate	340	U
117-84-0	Di-n-octylphthalate	350	U
205-99-2	Benzo[b]fluoranthene	600	
207-08-9	Benzo[k]fluoranthene	690	
50-32-8	Benzo[a]pyrene	570	
193-39-5	Indeno[1,2,3-cd]pyrene	390	
53-70-3	Dibenz[a,h]anthracene	290	U
191-24-2	Benzo[g,h,i]perylene	310	

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-9

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3472 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3472.07

Sample wt/vol: 10.12 (g/ml) G Lab File ID: BN1521.D

Level: (low/med) LOW Date Received: 04/10/98

% Moisture: 19.47 decanted: (Y/N) N Date Extracted: 04/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/28/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 25 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-83-8	Cyclohexene	3.48	29000	JN
2.	unknown	22.01	4400	J
3.	unknown	22.10	8200	J
4.	unknown	22.19	5300	J
5. 000629-70-9	1-Hexadecanol, acetate	22.26	2800	JN
6.	unknown	22.36	6900	J
7. 002050-24-0	Benzene, 1,3-diethyl-5-methyl-	22.40	5800	JN
8.	unknown	22.50	7200	J
9.	unknown	22.68	6400	J
10.	unknown	22.98	3900	J
11.	unknown	23.02	3000	J
12.	unknown	23.28	4000	J
13.	unknown	24.12	2800	J
14.	unknown	25.30	4000	J
15. 001740-19-8	1-Phenanthrenecarboxylic acid, 1	25.52	4900	JN
16. 000629-78-7	Heptadecane	28.66	9700	JN
17. 000629-94-7	Heneicosane	29.34	9200	JN
18. 000112-95-8	Eicosane	30.09	8400	JN
19. 000629-92-5	Nonadecane	30.92	8200	JN
20.	unknown	31.28	3000	J
21.	unknown	31.77	3200	J
22. 014167-59-0	Tetratriacontane	31.89	5900	JN
23.	unknown	32.22	3400	J
24. 000630-06-8	Hexatriacontane	33.02	5300	JN
25. 000630-06-8	Hexatriacontane	34.37	4700	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-10

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3472 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3472.11

Sample wt/vol: 10.88 (g/ml) G Lab File ID: BN1575.D

Level: (low/med) LOW Date Received: 04/10/98

% Moisture: 16.32 decanted:(Y/N) N Date Extracted: 04/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/30/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	770	
62-75-9	N-nitroso-dimethylamine	220	U
62-53-3	Aniline	240	U
108-95-2	Phenol	370	U
111-44-4	bis(2-Chloroethyl)ether	230	U
95-57-8	2-Chlorophenol	210	U
541-73-1	1,3-Dichlorobenzene	230	U
106-46-7	1,4-Dichlorobenzene	320	U
100-51-6	Benzyl alcohol	290	U
95-50-1	1,2-Dichlorobenzene	260	U
	2-Methylphenol	230	U
108-60-1	bis(2-chloroisopropyl)ether	280	U
	4-Methylphenol	290	U
621-64-7	n-Nitroso-di-n-propylamine	270	U
67-72-1	Hexachloroethane	230	U
98-95-3	Nitrobenzene	290	U
78-59-1	Isophorone	280	U
88-75-5	2-Nitrophenol	180	U
105-67-9	2,4-Dimethylphenol	320	U
111-91-1	bis(2-Chloroethoxy)methane	130	U
120-83-2	2,4-Dichlorophenol	170	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	290	U
91-20-3	Naphthalene	130	J
106-47-8	4-Chloroaniline	320	U
87-68-3	Hexachlorobutadiene	270	U
59-50-7	4-Chloro-3-methylphenol	210	U
91-57-6	2-Methylnaphthalene	150	J
77-47-4	Hexachlorocyclopentadiene	63	U
88-06-2	2,4,6-Trichlorophenol	210	U
	2,4,5-Trichlorophenol	230	U
91-58-7	2-Chloronaphthalene	190	U
88-74-4	2-Nitroaniline	180	U
131-11-3	Dimethylphthalate	170	U
208-96-8	Acenaphthylene	210	U
606-20-2	2,6-Dinitrotoluene	250	U
99-09-2	3-Nitroaniline	280	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-10

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3472 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3472.11

Sample wt/vol: 10.88 (g/ml) G Lab File ID: BN1575.D

Level: (low/med) LOW Date Received: 04/10/98

% Moisture: 16.32 decanted:(Y/N) N Date Extracted: 04/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/30/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	190	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	200	U
100-02-7	4-Nitrophenol	500	U
121-14-2	2,4-Dinitrotoluene	200	U
84-66-2	Diethylphthalate	220	U
86-73-7	Fluorene	210	U
7005-72-3	4-Chlorophenyl-phenylether	210	U
100-01-6	4-Nitroaniline	310	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	200	U
103-33-3	Azobenzene	210	U
101-55-3	4-Bromophenyl-phenylether	190	U
118-74-1	Hexachlorobenzene	290	U
87-86-5	Pentachlorophenol	320	U
85-01-8	Phenanthrene	410	
120-12-7	Anthracene	210	U
84-74-2	Di-n-butylphthalate	640	JB
206-44-0	Fluoranthene	300	
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	440	
85-68-7	Butylbenzylphthalate	280	U
56-55-3	Benzo[a]anthracene	180	J
91-94-1	3,3'-Dichlorobenzidine	380	U
218-01-9	Chrysene	410	
117-81-7	bis(2-Ethylhexyl)phthalate	180	JB
117-84-0	Di-n-octylphthalate	310	U
205-99-2	Benzo[b]fluoranthene	150	J
207-08-9	Benzo[k]fluoranthene	150	J
50-32-8	Benzo[a]pyrene	140	J
193-39-5	Indeno[1,2,3-cd]pyrene	220	U
53-70-3	Dibenz[a,h]anthracene	260	U
191-24-2	Benzo[g,h,i]perylene	260	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-10

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3472 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3472.11

Sample wt/vol: 10.88 (g/ml) G Lab File ID: BN1575.D

Level: (low/med) LOW Date Received: 04/10/98

% Moisture: 16.32 decanted: (Y/N) N Date Extracted: 04/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/30/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	20.97	1200	JN
2. 019047-85-9	Phosphonic acid, dioctadecyl est	26.40	7300	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-11

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3473 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3473.03

Sample wt/vol: 10.53 (g/ml) G Lab File ID: BN1523.D

Level: (low/med) LOW Date Received: 04/11/98

% Moisture: 13.1 decanted:(Y/N) N Date Extracted: 04/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/28/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	330	U
62-75-9	N-nitroso-dimethylamine	220	U
62-53-3	Aniline	240	U
108-95-2	Phenol	360	U
111-44-4	bis(2-Chloroethyl)ether	230	U
95-57-8	2-Chlorophenol	210	U
541-73-1	1,3-Dichlorobenzene	230	U
106-46-7	1,4-Dichlorobenzene	320	U
100-51-6	Benzyl alcohol	290	U
95-50-1	1,2-Dichlorobenzene	260	U
	2-Methylphenol	220	U
108-60-1	bis(2-chloroisopropyl)ether	270	U
	4-Methylphenol	290	U
621-64-7	n-Nitroso-di-n-propylamine	270	U
67-72-1	Hexachloroethane	230	U
98-95-3	Nitrobenzene	290	U
78-59-1	Isophorone	280	U
88-75-5	2-Nitrophenol	180	U
105-67-9	2,4-Dimethylphenol	320	U
111-91-1	bis(2-Chloroethoxy)methane	130	U
120-83-2	2,4-Dichlorophenol	170	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	290	U
91-20-3	Naphthalene	270	U
106-47-8	4-Chloroaniline	320	U
87-68-3	Hexachlorobutadiene	270	U
59-50-7	4-Chloro-3-methylphenol	210	U
91-57-6	2-Methylnaphthalene	300	U
77-47-4	Hexachlorocyclopentadiene	62	U
88-06-2	2,4,6-Trichlorophenol	210	U
	2,4,5-Trichlorophenol	230	U
91-58-7	2-Chloronaphthalene	190	U
88-74-4	2-Nitroaniline	180	U
131-11-3	Dimethylphthalate	170	U
208-96-8	Acenaphthylene	210	U
606-20-2	2,6-Dinitrotoluene	250	U
99-09-2	3-Nitroaniline	270	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-11

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3473 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3473.03

Sample wt/vol: 10.53 (g/ml) G Lab File ID: BN1523.D

Level: (low/med) LOW Date Received: 04/11/98

% Moisture: 13.1 decanted:(Y/N) N Date Extracted: 04/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/28/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	190	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	200	U
100-02-7	4-Nitrophenol	500	U
121-14-2	2,4-Dinitrotoluene	200	U
84-66-2	Diethylphthalate	220	U
86-73-7	Fluorene	210	U
7005-72-3	4-Chlorophenyl-phenylether	210	U
100-01-6	4-Nitroaniline	310	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	200	U
103-33-3	Azobenzene	210	U
101-55-3	4-Bromophenyl-phenylether	190	U
118-74-1	Hexachlorobenzene	290	U
87-86-5	Pentachlorophenol	320	U
85-01-8	Phenanthrene	210	U
120-12-7	Anthracene	210	U
84-74-2	Di-n-butylphthalate	900	JB
206-44-0	Fluoranthene	210	U
92-87-5	Benzidine	990	U
129-00-0	Pyrene	250	U
85-68-7	Butylbenzylphthalate	270	U
56-55-3	Benzo[a]anthracene	210	U
91-94-1	3,3'-Dichlorobenzidine	380	U
218-01-9	Chrysene	270	U
117-81-7	bis(2-Ethylhexyl)phthalate	180	JB
117-84-0	Di-n-octylphthalate	310	U
205-99-2	Benzo[b]fluoranthene	270	U
207-08-9	Benzo[k]fluoranthene	200	U
50-32-8	Benzo[a]pyrene	200	U
193-39-5	Indeno[1,2,3-cd]pyrene	220	U
53-70-3	Dibenz[a,h]anthracene	260	U
191-24-2	Benzo[g,h,i]perylene	260	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-11

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3473 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3473.03

Sample wt/vol: 10.53 (g/ml) G Lab File ID: BN1523.D

Level: (low/med) LOW Date Received: 04/11/98

% Moisture: 13.1 decanted: (Y/N) N Date Extracted: 04/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/28/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 3

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-83-8	Cyclohexene	3.51	53000	JN
2. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	20.96	1800	JN
3. 019047-85-9	Phosphonic acid, dioctadecyl est	26.40	6300	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-12

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3473 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3473.07

Sample wt/vol: 10.19 (g/ml) G Lab File ID: BN1524.D

Level: (low/med) LOW Date Received: 04/11/98

% Moisture: 14.3 decanted:(Y/N) N Date Extracted: 04/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/28/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	340	U
62-75-9	N-nitroso-dimethylamine	230	U
62-53-3	Aniline	250	U
108-95-2	Phenol	380	U
111-44-4	bis(2-Chloroethyl)ether	240	U
95-57-8	2-Chlorophenol	220	U
541-73-1	1,3-Dichlorobenzene	240	U
106-46-7	1,4-Dichlorobenzene	330	U
100-51-6	Benzyl alcohol	310	U
95-50-1	1,2-Dichlorobenzene	270	U
	2-Methylphenol	230	U
108-60-1	bis(2-chloroisopropyl)ether	290	U
	4-Methylphenol	310	U
621-64-7	n-Nitroso-di-n-propylamine	280	U
67-72-1	Hexachloroethane	240	U
98-95-3	Nitrobenzene	310	U
78-59-1	Isophorone	290	U
88-75-5	2-Nitrophenol	190	U
105-67-9	2,4-Dimethylphenol	330	U
111-91-1	bis(2-Chloroethoxy)methane	140	U
120-83-2	2,4-Dichlorophenol	180	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	300	U
91-20-3	Naphthalene	280	U
106-47-8	4-Chloroaniline	340	U
87-68-3	Hexachlorobutadiene	290	U
59-50-7	4-Chloro-3-methylphenol	220	U
91-57-6	2-Methylnaphthalene	310	U
77-47-4	Hexachlorocyclopentadiene	65	U
88-06-2	2,4,6-Trichlorophenol	220	U
	2,4,5-Trichlorophenol	240	U
91-58-7	2-Chloronaphthalene	200	U
88-74-4	2-Nitroaniline	190	U
131-11-3	Dimethylphthalate	170	U
208-96-8	Acenaphthylene	220	U
606-20-2	2,6-Dinitrotoluene	260	U
99-09-2	3-Nitroaniline	290	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-12

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3473 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3473.07

Sample wt/vol: 10.19 (g/ml) G Lab File ID: BN1524.D

Level: (low/med) LOW Date Received: 04/11/98

% Moisture: 14.3 decanted:(Y/N) N Date Extracted: 04/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/28/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	200	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	210	U
100-02-7	4-Nitrophenol	530	U
121-14-2	2,4-Dinitrotoluene	210	U
84-66-2	Diethylphthalate	230	U
86-73-7	Fluorene	220	U
7005-72-3	4-Chlorophenyl-phenylether	220	U
100-01-6	4-Nitroaniline	320	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	210	U
103-33-3	Azobenzene	220	U
101-55-3	4-Bromophenyl-phenylether	200	U
118-74-1	Hexachlorobenzene	300	U
87-86-5	Pentachlorophenol	340	U
85-01-8	Phenanthrene	220	U
120-12-7	Anthracene	220	U
84-74-2	Di-n-butylphthalate	780	JB
206-44-0	Fluoranthene	220	U
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	260	U
85-68-7	Butylbenzylphthalate	290	U
56-55-3	Benzo[a]anthracene	220	U
91-94-1	3,3'-Dichlorobenzidine	390	U
218-01-9	Chrysene	290	U
117-81-7	bis(2-Ethylhexyl)phthalate	180	JB
117-84-0	Di-n-octylphthalate	320	U
205-99-2	Benzo[b]fluoranthene	280	U
207-08-9	Benzo[k]fluoranthene	210	U
50-32-8	Benzo[a]pyrene	210	U
193-39-5	Indeno[1,2,3-cd]pyrene	230	U
53-70-3	Dibenz[a,h]anthracene	270	U
191-24-2	Benzo[g,h,i]perylene	270	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-12

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3473 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3473.07

Sample wt/vol: 10.19 (g/ml) G Lab File ID: BN1524.D

Level: (low/med) LOW Date Received: 04/11/98

% Moisture: 14.3 decanted: (Y/N) N Date Extracted: 04/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/28/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 3 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-83-8	Cyclohexene	3.49	47000	JN
2. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	20.96	1500	JN
3. 000112-92-5	1-Octadecanol	26.40	7600	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-13

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3473 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3473.11

Sample wt/vol: 10.75 (g/ml) G Lab File ID: BN1525.D

Level: (low/med) LOW Date Received: 04/11/98

% Moisture: 11.48 decanted:(Y/N) N Date Extracted: 04/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/28/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	310	U
62-75-9	N-nitroso-dimethylamine	210	U
62-53-3	Aniline	230	U
108-95-2	Phenol	350	U
111-44-4	bis(2-Chloroethyl)ether	220	U
95-57-8	2-Chlorophenol	200	U
541-73-1	1,3-Dichlorobenzene	220	U
106-46-7	1,4-Dichlorobenzene	310	U
100-51-6	Benzyl alcohol	280	U
95-50-1	1,2-Dichlorobenzene	250	U
	2-Methylphenol	220	U
108-60-1	bis(2-chloroisopropyl)ether	260	U
	4-Methylphenol	280	U
621-64-7	n-Nitroso-di-n-propylamine	260	U
67-72-1	Hexachloroethane	220	U
98-95-3	Nitrobenzene	280	U
78-59-1	Isophorone	270	U
88-75-5	2-Nitrophenol	180	U
105-67-9	2,4-Dimethylphenol	310	U
111-91-1	bis(2-Chloroethoxy)methane	130	U
120-83-2	2,4-Dichlorophenol	170	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	280	U
91-20-3	Naphthalene	260	U
106-47-8	4-Chloroaniline	310	U
87-68-3	Hexachlorobutadiene	260	U
59-50-7	4-Chloro-3-methylphenol	200	U
91-57-6	2-Methylnaphthalene	290	U
77-47-4	Hexachlorocyclopentadiene	60	U
88-06-2	2,4,6-Trichlorophenol	200	U
	2,4,5-Trichlorophenol	220	U
91-58-7	2-Chloronaphthalene	190	U
88-74-4	2-Nitroaniline	170	U
131-11-3	Dimethylphthalate	160	U
208-96-8	Acenaphthylene	200	U
606-20-2	2,6-Dinitrotoluene	240	U
99-09-2	3-Nitroaniline	260	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-13

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3473 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3473.11

Sample wt/vol: 10.75 (g/ml) G Lab File ID: BN1525.D

Level: (low/med) LOW Date Received: 04/11/98

% Moisture: 11.48 decanted:(Y/N) N Date Extracted: 04/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/28/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	180	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	200	U
100-02-7	4-Nitrophenol	480	U
121-14-2	2,4-Dinitrotoluene	200	U
84-66-2	Diethylphthalate	210	U
86-73-7	Fluorene	200	U
7005-72-3	4-Chlorophenyl-phenylether	200	U
100-01-6	4-Nitroaniline	300	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	190	U
103-33-3	Azobenzene	200	U
101-55-3	4-Bromophenyl-phenylether	180	U
118-74-1	Hexachlorobenzene	280	U
87-86-5	Pentachlorophenol	310	U
85-01-8	Phenanthrene	300	
120-12-7	Anthracene	290	
84-74-2	Di-n-butylphthalate	300	JB
206-44-0	Fluoranthene	260	
92-87-5	Benzidine	950	U
129-00-0	Pyrene	450	
85-68-7	Butylbenzylphthalate	260	U
56-55-3	Benzo[a]anthracene	180	J
91-94-1	3,3'-Dichlorobenzidine	360	U
218-01-9	Chrysene	350	
117-81-7	bis(2-Ethylhexyl)phthalate	160	JB
117-84-0	Di-n-octylphthalate	300	U
205-99-2	Benzo[b]fluoranthene	120	J
207-08-9	Benzo[k]fluoranthene	140	J
50-32-8	Benzo[a]pyrene	150	J
193-39-5	Indeno[1,2,3-cd]pyrene	210	U
53-70-3	Dibenz[a,h]anthracene	250	U
191-24-2	Benzo[g,h,i]perylene	250	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-13

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3473 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3473.11

Sample wt/vol: 10.75 (g/ml) G Lab File ID: BN1525.D

Level: (low/med) LOW Date Received: 04/11/98

% Moisture: 11.48 decanted: (Y/N) N Date Extracted: 04/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/28/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-83-8	Cyclohexene	3.50	34000	JN
2. 019047-85-9	Phosphonic acid, dioctadecyl est	26.40	5300	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-14

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3473 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3473.15

Sample wt/vol: 10.16 (g/ml) G Lab File ID: BN1561.D

Level: (low/med) LOW Date Received: 04/11/98

% Moisture: 12.74 decanted:(Y/N) N Date Extracted: 04/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/30/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	340	U
62-75-9	N-nitroso-dimethylamine	230	U
62-53-3	Aniline	250	U
108-95-2	Phenol	380	U
111-44-4	bis(2-Chloroethyl)ether	240	U
95-57-8	2-Chlorophenol	220	U
541-73-1	1,3-Dichlorobenzene	230	U
106-46-7	1,4-Dichlorobenzene	330	U
100-51-6	Benzyl alcohol	300	U
95-50-1	1,2-Dichlorobenzene	270	U
	2-Methylphenol	230	U
108-60-1	bis(2-chloroisopropyl)ether	280	U
	4-Methylphenol	300	U
621-64-7	n-Nitroso-di-n-propylamine	280	U
67-72-1	Hexachloroethane	240	U
98-95-3	Nitrobenzene	300	U
78-59-1	Isophorone	290	U
88-75-5	2-Nitrophenol	190	U
105-67-9	2,4-Dimethylphenol	330	U
111-91-1	bis(2-Chloroethoxy)methane	130	U
120-83-2	2,4-Dichlorophenol	180	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	300	U
91-20-3	Naphthalene	280	U
106-47-8	4-Chloroaniline	330	U
87-68-3	Hexachlorobutadiene	280	U
59-50-7	4-Chloro-3-methylphenol	220	U
91-57-6	2-Methylnaphthalene	310	U
77-47-4	Hexachlorocyclopentadiene	64	U
88-06-2	2,4,6-Trichlorophenol	210	U
	2,4,5-Trichlorophenol	240	U
91-58-7	2-Chloronaphthalene	200	U
88-74-4	2-Nitroaniline	190	U
131-11-3	Dimethylphthalate	170	U
208-96-8	Acenaphthylene	220	U
606-20-2	2,6-Dinitrotoluene	260	U
99-09-2	3-Nitroaniline	280	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-14

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3473 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3473.15

Sample wt/vol: 10.16 (g/ml) G Lab File ID: BN1561.D

Level: (low/med) LOW Date Received: 04/11/98

% Moisture: 12.74 decanted:(Y/N) N Date Extracted: 04/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/30/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	200	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	210	U
100-02-7	4-Nitrophenol	520	U
121-14-2	2,4-Dinitrotoluene	210	U
84-66-2	Diethylphthalate	230	U
86-73-7	Fluorene	220	U
7005-72-3	4-Chlorophenyl-phenylether	210	U
100-01-6	4-Nitroaniline	320	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	210	U
103-33-3	Azobenzene	220	U
101-55-3	4-Bromophenyl-phenylether	200	U
118-74-1	Hexachlorobenzene	300	U
87-86-5	Pentachlorophenol	330	U
85-01-8	Phenanthrene	220	U
120-12-7	Anthracene	220	U
84-74-2	Di-n-butylphthalate	330	JB
206-44-0	Fluoranthene	220	U
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	250	U
85-68-7	Butylbenzylphthalate	280	U
56-55-3	Benzo[a]anthracene	220	U
91-94-1	3,3'-Dichlorobenzidine	390	U
218-01-9	Chrysene	280	U
117-81-7	bis(2-Ethylhexyl)phthalate	170	JB
117-84-0	Di-n-octylphthalate	320	U
205-99-2	Benzo[b]fluoranthene	280	U
207-08-9	Benzo[k]fluoranthene	210	U
50-32-8	Benzo[a]pyrene	210	U
193-39-5	Indeno[1,2,3-cd]pyrene	230	U
53-70-3	Dibenz[a,h]anthracene	270	U
191-24-2	Benzo[g,h,i]perylene	270	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-14

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3473 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3473.15

Sample wt/vol: 10.16 (g/ml) G Lab File ID: BN1561.D

Level: (low/med) LOW Date Received: 04/11/98

% Moisture: 12.74 decanted: (Y/N) N Date Extracted: 04/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/30/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-83-8	Cyclohexene	3.46	44000	JN
2. 019047-85-9	Phosphonic acid, dioctadecyl est	26.41	7500	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-15

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3485 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3473.19

Sample wt/vol: 10.07 (g/ml) G Lab File ID: BN1603.D

Level: (low/med) LOW Date Received: 04/08/98

% Moisture: 13.27 decanted:(Y/N) N Date Extracted: 04/09/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/05/98

Injection Volume: 1.0 (uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	780	JD
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1200	U
108-95-2	Phenol	1900	U
111-44-4	bis(2-Chloroethyl)ether	1200	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1200	U
106-46-7	1,4-Dichlorobenzene	1700	U
100-51-6	Benzyl alcohol	1500	U
95-50-1	1,2-Dichlorobenzene	1400	U
	2-Methylphenol	1200	U
108-60-1	bis(2-chloroisopropyl)ether	1400	U
	4-Methylphenol	1500	U
621-64-7	n-Nitroso-di-n-propylamine	1400	U
67-72-1	Hexachloroethane	1200	U
98-95-3	Nitrobenzene	1500	U
78-59-1	Isophorone	1500	U
88-75-5	2-Nitrophenol	960	U
105-67-9	2,4-Dimethylphenol	1700	U
111-91-1	bis(2-Chloroethoxy)methane	680	U
120-83-2	2,4-Dichlorophenol	900	U
65-85-0	Benzoic Acid	5700	U
120-82-1	1,2,4-Trichlorobenzene	1500	U
91-20-3	Naphthalene	1400	U
106-47-8	4-Chloroaniline	1700	U
87-68-3	Hexachlorobutadiene	1400	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1600	U
77-47-4	Hexachlorocyclopentadiene	330	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1200	U
91-58-7	2-Chloronaphthalene	1000	U
88-74-4	2-Nitroaniline	950	U
131-11-3	Dimethylphthalate	860	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1300	U
99-09-2	3-Nitroaniline	1400	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-15

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3485 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3473.19

Sample wt/vol: 10.07 (g/ml) G Lab File ID: BN1603.D

Level: (low/med) LOW Date Received: 04/08/98

% Moisture: 13.27 decanted:(Y/N) N Date Extracted: 04/09/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/05/98

Injection Volume: 1.0 (uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1000	U
51-28-5	2,4-Dinitrophenol	5700	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	2600	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1200	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1600	U
534-52-1	4,6-Dinitro-2-methylphenol	5700	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	990	U
118-74-1	Hexachlorobenzene	1500	U
87-86-5	Pentachlorophenol	1700	U
85-01-8	Phenanthrene	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	27000	BD
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	5200	U
129-00-0	Pyrene	1300	U
85-68-7	Butylbenzylphthalate	1400	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	2000	U
218-01-9	Chrysene	1400	U
117-81-7	bis(2-Ethylhexyl)phthalate	1600	U
117-84-0	Di-n-octylphthalate	1600	U
205-99-2	Benzo[b]fluoranthene	1400	U
207-08-9	Benzo[k]fluoranthene	1000	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1200	U
53-70-3	Dibenz[a,h]anthracene	1400	U
191-24-2	Benzo[g,h,i]perylene	1400	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-15

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3485 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3473.19

Sample wt/vol: 10.07 (g/ml) G Lab File ID: BN1603.D

Level: (low/med) LOW Date Received: 04/08/98

% Moisture: 13.27 decanted: (Y/N) N Date Extracted: 04/09/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/05/98

Injection Volume: 1.0 (uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 0 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-16

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3477 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3477.03

Sample wt/vol: 10.44 (g/ml) G Lab File ID: BN1530.D

Level: (low/med) LOW Date Received: 04/13/98

% Moisture: 12.55 decanted:(Y/N) N Date Extracted: 04/14/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/29/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	330	U
62-75-9	N-nitroso-dimethylamine	220	U
62-53-3	Aniline	240	U
108-95-2	Phenol	360	U
111-44-4	bis(2-Chloroethyl)ether	230	U
95-57-8	2-Chlorophenol	210	U
541-73-1	1,3-Dichlorobenzene	230	U
106-46-7	1,4-Dichlorobenzene	320	U
100-51-6	Benzyl alcohol	290	U
95-50-1	1,2-Dichlorobenzene	260	U
	2-Methylphenol	220	U
108-60-1	bis(2-chloroisopropyl)ether	270	U
	4-Methylphenol	290	U
621-64-7	n-Nitroso-di-n-propylamine	270	U
67-72-1	Hexachloroethane	230	U
98-95-3	Nitrobenzene	290	U
78-59-1	Isophorone	280	U
88-75-5	2-Nitrophenol	180	U
105-67-9	2,4-Dimethylphenol	320	U
111-91-1	bis(2-Chloroethoxy)methane	130	U
120-83-2	2,4-Dichlorophenol	170	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	290	U
91-20-3	Naphthalene	270	U
106-47-8	4-Chloroaniline	320	U
87-68-3	Hexachlorobutadiene	270	U
59-50-7	4-Chloro-3-methylphenol	210	U
91-57-6	2-Methylnaphthalene	300	U
77-47-4	Hexachlorocyclopentadiene	62	U
88-06-2	2,4,6-Trichlorophenol	210	U
	2,4,5-Trichlorophenol	230	U
91-58-7	2-Chloronaphthalene	190	U
88-74-4	2-Nitroaniline	180	U
131-11-3	Dimethylphthalate	170	U
208-96-8	Acenaphthylene	210	U
606-20-2	2,6-Dinitrotoluene	250	U
99-09-2	3-Nitroaniline	270	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-16

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3477 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3477.03

Sample wt/vol: 10.44 (g/ml) G Lab File ID: BN1530.D

Level: (low/med) LOW Date Received: 04/13/98

% Moisture: 12.55 decanted:(Y/N) N Date Extracted: 04/14/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/29/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	190	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	200	U
100-02-7	4-Nitrophenol	500	U
121-14-2	2,4-Dinitrotoluene	200	U
84-66-2	Diethylphthalate	220	U
86-73-7	Fluorene	210	U
7005-72-3	4-Chlorophenyl-phenylether	210	U
100-01-6	4-Nitroaniline	310	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	200	U
103-33-3	Azobenzene	210	U
101-55-3	4-Bromophenyl-phenylether	190	U
118-74-1	Hexachlorobenzene	290	U
87-86-5	Pentachlorophenol	320	U
85-01-8	Phenanthrene	200	J
120-12-7	Anthracene	210	U
84-74-2	Di-n-butylphthalate	820	JB
206-44-0	Fluoranthene	430	
92-87-5	Benzidine	990	U
129-00-0	Pyrene	420	
85-68-7	Butylbenzylphthalate	270	U
56-55-3	Benzo[a]anthracene	270	
91-94-1	3,3'-Dichlorobenzidine	380	U
218-01-9	Chrysene	460	
117-81-7	bis(2-Ethylhexyl)phthalate	180	JB
117-84-0	Di-n-octylphthalate	310	U
205-99-2	Benzo[b]fluoranthene	270	
207-08-9	Benzo[k]fluoranthene	260	
50-32-8	Benzo[a]pyrene	270	
193-39-5	Indeno[1,2,3-cd]pyrene	200	J
53-70-3	Dibenz[a,h]anthracene	260	U
191-24-2	Benzo[g,h,i]perylene	180	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-16

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3477 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3477.03

Sample wt/vol: 10.44 (g/ml) G Lab File ID: BN1530.D

Level: (low/med) LOW Date Received: 04/13/98

% Moisture: 12.55 decanted: (Y/N) N Date Extracted: 04/14/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/29/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 3 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-83-8	Cyclohexene	3.47	29000	JN
2. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	20.97	1500	JN
3. 019047-85-9	Phosphonic acid, dioctadecyl est	26.40	6200	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-17

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3477 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3477.07

Sample wt/vol: 10.66 (g/ml) G Lab File ID: BN1531.D

Level: (low/med) LOW Date Received: 04/13/98

% Moisture: 15.2 decanted:(Y/N) N Date Extracted: 04/14/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/29/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	330	U
62-75-9	N-nitroso-dimethylamine	220	U
62-53-3	Aniline	240	U
108-95-2	Phenol	370	U
111-44-4	bis(2-Chloroethyl)ether	230	U
95-57-8	2-Chlorophenol	210	U
541-73-1	1,3-Dichlorobenzene	230	U
106-46-7	1,4-Dichlorobenzene	320	U
100-51-6	Benzyl alcohol	300	U
95-50-1	1,2-Dichlorobenzene	260	U
	2-Methylphenol	230	U
108-60-1	bis(2-chloroisopropyl)ether	280	U
	4-Methylphenol	300	U
621-64-7	n-Nitroso-di-n-propylamine	270	U
67-72-1	Hexachloroethane	230	U
98-95-3	Nitrobenzene	300	U
78-59-1	Isophorone	280	U
88-75-5	2-Nitrophenol	190	U
105-67-9	2,4-Dimethylphenol	320	U
111-91-1	bis(2-Chloroethoxy)methane	130	U
120-83-2	2,4-Dichlorophenol	170	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	290	U
91-20-3	Naphthalene	300	
106-47-8	4-Chloroaniline	320	U
87-68-3	Hexachlorobutadiene	280	U
59-50-7	4-Chloro-3-methylphenol	220	U
91-57-6	2-Methylnaphthalene	520	
77-47-4	Hexachlorocyclopentadiene	63	U
88-06-2	2,4,6-Trichlorophenol	210	U
	2,4,5-Trichlorophenol	230	U
91-58-7	2-Chloronaphthalene	200	U
88-74-4	2-Nitroaniline	180	U
131-11-3	Dimethylphthalate	170	U
208-96-8	Acenaphthylene	210	U
606-20-2	2,6-Dinitrotoluene	250	U
99-09-2	3-Nitroaniline	280	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-17

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3477 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3477.07

Sample wt/vol: 10.66 (g/ml) G Lab File ID: BN1531.D

Level: (low/med) LOW Date Received: 04/13/98

% Moisture: 15.2 decanted:(Y/N) N Date Extracted: 04/14/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/29/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	190	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	160	J
100-02-7	4-Nitrophenol	510	U
121-14-2	2,4-Dinitrotoluene	210	U
84-66-2	Diethylphthalate	220	U
86-73-7	Fluorene	210	U
7005-72-3	4-Chlorophenyl-phenylether	210	U
100-01-6	4-Nitroaniline	310	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	200	U
103-33-3	Azobenzene	210	U
101-55-3	4-Bromophenyl-phenylether	190	U
118-74-1	Hexachlorobenzene	290	U
87-86-5	Pentachlorophenol	330	U
85-01-8	Phenanthrene	310	
120-12-7	Anthracene	210	U
84-74-2	Di-n-butylphthalate	1000	B
206-44-0	Fluoranthene	210	U
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	250	U
85-68-7	Butylbenzylphthalate	280	U
56-55-3	Benzo[a]anthracene	220	U
91-94-1	3,3'-Dichlorobenzidine	380	U
218-01-9	Chrysene	250	J
117-81-7	bis(2-Ethylhexyl)phthalate	250	JB
117-84-0	Di-n-octylphthalate	310	U
205-99-2	Benzo[b]fluoranthene	270	U
207-08-9	Benzo[k]fluoranthene	200	U
50-32-8	Benzo[a]pyrene	210	U
193-39-5	Indeno[1,2,3-cd]pyrene	230	U
53-70-3	Dibenz[a,h]anthracene	260	U
191-24-2	Benzo[g,h,i]perylene	260	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-17

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3477 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3477.07

Sample wt/vol: 10.66 (g/ml) G Lab File ID: BN1531.D

Level: (low/med) LOW Date Received: 04/13/98

% Moisture: 15.2 decanted: (Y/N) N Date Extracted: 04/14/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/29/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 7 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-83-8	Cyclohexene	3.46	26000	JN
2. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	20.97	1900	JN
3. 010544-50-0	Sulfur, mol. (S8)	23.07	1300	JN
4. 000629-78-7	Heptadecane	23.95	1000	JN
5. 000629-94-7	Heneicosane	24.81	950	JN
6. 001454-85-9	1-Heptadecanol	26.40	7600	JN
7.	unknown	32.01	1200	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-18

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3477 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3477.11

Sample wt/vol: 10.83 (g/ml) G Lab File ID: BN1532.D

Level: (low/med) LOW Date Received: 04/13/98

% Moisture: 17.78 decanted:(Y/N) N Date Extracted: 04/14/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/29/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	340	U
62-75-9	N-nitroso-dimethylamine	220	U
62-53-3	Aniline	240	U
108-95-2	Phenol	370	U
111-44-4	bis(2-Chloroethyl)ether	240	U
95-57-8	2-Chlorophenol	210	U
541-73-1	1,3-Dichlorobenzene	230	U
106-46-7	1,4-Dichlorobenzene	330	U
100-51-6	Benzyl alcohol	300	U
95-50-1	1,2-Dichlorobenzene	270	U
	2-Methylphenol	230	U
108-60-1	bis(2-chloroisopropyl)ether	280	U
	4-Methylphenol	300	U
621-64-7	n-Nitroso-di-n-propylamine	270	U
67-72-1	Hexachloroethane	240	U
98-95-3	Nitrobenzene	300	U
78-59-1	Isophorone	290	U
88-75-5	2-Nitrophenol	190	U
105-67-9	2,4-Dimethylphenol	330	U
111-91-1	bis(2-Chloroethoxy)methane	130	U
120-83-2	2,4-Dichlorophenol	180	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	290	U
91-20-3	Naphthalene	270	U
106-47-8	4-Chloroaniline	330	U
87-68-3	Hexachlorobutadiene	280	U
59-50-7	4-Chloro-3-methylphenol	220	U
91-57-6	2-Methylnaphthalene	310	U
77-47-4	Hexachlorocyclopentadiene	64	U
88-06-2	2,4,6-Trichlorophenol	210	U
	2,4,5-Trichlorophenol	240	U
91-58-7	2-Chloronaphthalene	200	U
88-74-4	2-Nitroaniline	190	U
131-11-3	Dimethylphthalate	170	U
208-96-8	Acenaphthylene	220	U
606-20-2	2,6-Dinitrotoluene	260	U
99-09-2	3-Nitroaniline	280	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-18

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3477 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3477.11

Sample wt/vol: 10.83 (g/ml) G Lab File ID: BN1532.D

Level: (low/med) LOW Date Received: 04/13/98

% Moisture: 17.78 decanted:(Y/N) N Date Extracted: 04/14/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/29/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	200	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	210	U
100-02-7	4-Nitrophenol	520	U
121-14-2	2,4-Dinitrotoluene	210	U
84-66-2	Diethylphthalate	230	U
86-73-7	Fluorene	210	U
7005-72-3	4-Chlorophenyl-phenylether	210	U
100-01-6	4-Nitroaniline	320	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	210	U
103-33-3	Azobenzene	210	U
101-55-3	4-Bromophenyl-phenylether	190	U
118-74-1	Hexachlorobenzene	300	U
87-86-5	Pentachlorophenol	330	U
85-01-8	Phenanthrene	220	U
120-12-7	Anthracene	220	U
84-74-2	Di-n-butylphthalate	590	JB
206-44-0	Fluoranthene	180	J
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	220	J
85-68-7	Butylbenzylphthalate	280	U
56-55-3	Benzo[a]anthracene	250	
91-94-1	3,3'-Dichlorobenzidine	390	U
218-01-9	Chrysene	410	
117-81-7	bis(2-Ethylhexyl)phthalate	190	JB
117-84-0	Di-n-octylphthalate	320	U
205-99-2	Benzo[b]fluoranthene	410	
207-08-9	Benzo[k]fluoranthene	310	
50-32-8	Benzo[a]pyrene	350	
193-39-5	Indeno[1,2,3-cd]pyrene	270	
53-70-3	Dibenz[a,h]anthracene	270	U
191-24-2	Benzo[g,h,i]perylene	220	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-18

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3477 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3477.11

Sample wt/vol: 10.83 (g/ml) G Lab File ID: BN1532.D

Level: (low/med) LOW Date Received: 04/13/98

% Moisture: 17.78 decanted: (Y/N) N Date Extracted: 04/14/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/29/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 3 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-83-8	Cyclohexene	3.45	35000	JN
2. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	20.96	1000	JN
3. 019047-85-9	Phosphonic acid, dioctadecyl est	26.40	7300	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-19

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3477 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3477.15

Sample wt/vol: 10.43 (g/ml) G Lab File ID: BN1533.D

Level: (low/med) LOW Date Received: 04/13/98

% Moisture: 11.51 decanted:(Y/N) N Date Extracted: 04/14/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/29/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	320	U
62-75-9	N-nitroso-dimethylamine	220	U
62-53-3	Aniline	240	U
108-95-2	Phenol	360	U
111-44-4	bis(2-Chloroethyl)ether	230	U
95-57-8	2-Chlorophenol	210	U
541-73-1	1,3-Dichlorobenzene	220	U
106-46-7	1,4-Dichlorobenzene	320	U
100-51-6	Benzyl alcohol	290	U
95-50-1	1,2-Dichlorobenzene	260	U
	2-Methylphenol	220	U
108-60-1	bis(2-chloroisopropyl)ether	270	U
	4-Methylphenol	290	U
621-64-7	n-Nitroso-di-n-propylamine	260	U
67-72-1	Hexachloroethane	230	U
98-95-3	Nitrobenzene	290	U
78-59-1	Isophorone	280	U
88-75-5	2-Nitrophenol	180	U
105-67-9	2,4-Dimethylphenol	320	U
111-91-1	bis(2-Chloroethoxy)methane	130	U
120-83-2	2,4-Dichlorophenol	170	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	280	U
91-20-3	Naphthalene	260	U
106-47-8	4-Chloroaniline	320	U
87-68-3	Hexachlorobutadiene	270	U
59-50-7	4-Chloro-3-methylphenol	210	U
91-57-6	2-Methylnaphthalene	300	U
77-47-4	Hexachlorocyclopentadiene	62	U
88-06-2	2,4,6-Trichlorophenol	200	U
	2,4,5-Trichlorophenol	230	U
91-58-7	2-Chloronaphthalene	190	U
88-74-4	2-Nitroaniline	180	U
131-11-3	Dimethylphthalate	160	U
208-96-8	Acenaphthylene	210	U
606-20-2	2,6-Dinitrotoluene	250	U
99-09-2	3-Nitroaniline	270	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-19

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3477 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3477.15

Sample wt/vol: 10.43 (g/ml) G Lab File ID: BN1533.D

Level: (low/med) LOW Date Received: 04/13/98

% Moisture: 11.51 decanted:(Y/N) N Date Extracted: 04/14/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/29/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	190	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	200	U
100-02-7	4-Nitrophenol	500	U
121-14-2	2,4-Dinitrotoluene	200	U
84-66-2	Diethylphthalate	220	U
86-73-7	Fluorene	210	U
7005-72-3	4-Chlorophenyl-phenylether	200	U
100-01-6	4-Nitroaniline	310	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	200	U
103-33-3	Azobenzene	210	U
101-55-3	4-Bromophenyl-phenylether	190	U
118-74-1	Hexachlorobenzene	290	U
87-86-5	Pentachlorophenol	320	U
85-01-8	Phenanthrene	560	
120-12-7	Anthracene	210	U
84-74-2	Di-n-butylphthalate	660	JB
206-44-0	Fluoranthene	340	
92-87-5	Benzidine	980	U
129-00-0	Pyrene	680	
85-68-7	Butylbenzylphthalate	270	U
56-55-3	Benzo[a]anthracene	240	
91-94-1	3,3'-Dichlorobenzidine	370	U
218-01-9	Chrysene	440	
117-81-7	bis(2-Ethylhexyl)phthalate	180	JB
117-84-0	Di-n-octylphthalate	310	U
205-99-2	Benzo[b]fluoranthene	140	J
207-08-9	Benzo[k]fluoranthene	150	J
50-32-8	Benzo[a]pyrene	170	J
193-39-5	Indeno[1,2,3-cd]pyrene	110	J
53-70-3	Dibenz[a,h]anthracene	260	U
191-24-2	Benzo[g,h,i]perylene	120	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-19

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3477 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3477.15

Sample wt/vol: 10.43 (g/ml) G Lab File ID: BN1533.D

Level: (low/med) LOW Date Received: 04/13/98

% Moisture: 11.51 decanted: (Y/N) N Date Extracted: 04/14/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/29/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 3 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	3.44	26000	J
2. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	20.96	1300	JN
3. 019047-85-9	Phosphonic acid, dioctadecyl est	26.40	6500	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-20

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3479 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3479.03

Sample wt/vol: 10.72 (g/ml) G Lab File ID: BN1552.D

Level: (low/med) LOW Date Received: 04/14/98

% Moisture: 23.17 decanted:(Y/N) N Date Extracted: 04/15/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/29/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	360	U
62-75-9	N-nitroso-dimethylamine	240	U
62-53-3	Aniline	260	U
108-95-2	Phenol	400	U
111-44-4	bis(2-Chloroethyl)ether	250	U
95-57-8	2-Chlorophenol	230	U
541-73-1	1,3-Dichlorobenzene	250	U
106-46-7	1,4-Dichlorobenzene	350	U
100-51-6	Benzyl alcohol	320	U
95-50-1	1,2-Dichlorobenzene	290	U
	2-Methylphenol	250	U
108-60-1	bis(2-chloroisopropyl)ether	300	U
	4-Methylphenol	320	U
621-64-7	n-Nitroso-di-n-propylamine	300	U
67-72-1	Hexachloroethane	250	U
98-95-3	Nitrobenzene	330	U
78-59-1	Isophorone	310	U
88-75-5	2-Nitrophenol	200	U
105-67-9	2,4-Dimethylphenol	350	U
111-91-1	bis(2-Chloroethoxy)methane	140	U
120-83-2	2,4-Dichlorophenol	190	U
65-85-0	Benzoic Acid	1200	U
120-82-1	1,2,4-Trichlorobenzene	320	U
91-20-3	Naphthalene	300	U
106-47-8	4-Chloroaniline	360	U
87-68-3	Hexachlorobutadiene	300	U
59-50-7	4-Chloro-3-methylphenol	240	U
91-57-6	2-Methylnaphthalene	330	U
77-47-4	Hexachlorocyclopentadiene	69	U
88-06-2	2,4,6-Trichlorophenol	230	U
	2,4,5-Trichlorophenol	250	U
91-58-7	2-Chloronaphthalene	210	U
88-74-4	2-Nitroaniline	200	U
131-11-3	Dimethylphthalate	180	U
208-96-8	Acenaphthylene	230	U
606-20-2	2,6-Dinitrotoluene	280	U
99-09-2	3-Nitroaniline	300	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-20

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3479 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3479.03

Sample wt/vol: 10.72 (g/ml) G Lab File ID: BN1552.D

Level: (low/med) LOW Date Received: 04/14/98

% Moisture: 23.17 decanted:(Y/N) N Date Extracted: 04/15/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/29/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	210	U
51-28-5	2,4-Dinitrophenol	1200	U
132-64-9	Dibenzofuran	230	U
100-02-7	4-Nitrophenol	560	U
121-14-2	2,4-Dinitrotoluene	230	U
84-66-2	Diethylphthalate	250	U
86-73-7	Fluorene	230	U
7005-72-3	4-Chlorophenyl-phenylether	230	U
100-01-6	4-Nitroaniline	340	U
534-52-1	4,6-Dinitro-2-methylphenol	1200	U
86-30-6	n-Nitrosodiphenylamine	220	U
103-33-3	Azobenzene	230	U
101-55-3	4-Bromophenyl-phenylether	210	U
118-74-1	Hexachlorobenzene	320	U
87-86-5	Pentachlorophenol	360	U
85-01-8	Phenanthrene	230	U
120-12-7	Anthracene	230	U
84-74-2	Di-n-butylphthalate	740	JB
206-44-0	Fluoranthene	240	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	270	U
85-68-7	Butylbenzylphthalate	300	U
56-55-3	Benzo[a]anthracene	240	U
91-94-1	3,3'-Dichlorobenzidine	420	U
218-01-9	Chrysene	300	U
117-81-7	bis(2-Ethylhexyl)phthalate	400	
117-84-0	Di-n-octylphthalate	340	U
205-99-2	Benzo[b]fluoranthene	300	U
207-08-9	Benzo[k]fluoranthene	220	U
50-32-8	Benzo[a]pyrene	230	U
193-39-5	Indeno[1,2,3-cd]pyrene	250	U
53-70-3	Dibenz[a,h]anthracene	290	U
191-24-2	Benzo[g,h,i]perylene	290	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-20

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3479 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3479.03

Sample wt/vol: 10.72 (g/ml) G Lab File ID: BN1552.D

Level: (low/med) LOW Date Received: 04/14/98

% Moisture: 23.17 decanted: (Y/N) N Date Extracted: 04/15/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/29/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 5 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-83-8	Cyclohexene	3.44	22000	JN
2. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	20.97	1500	JN
3. 019047-85-9	Phosphonic acid, dioctadecyl est	26.41	9500	JN
4. 000502-62-5	.Psi.,.psi.-Carotene, 7,7',8,8',11,1	28.91	1400	JN
5. 001454-84-8	1-Nonadecanol	31.00	1400	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-21

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3479 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3479.07

Sample wt/vol: 10.74 (g/ml) G Lab File ID: BN1553.D

Level: (low/med) LOW Date Received: 04/14/98

% Moisture: 11.93 decanted:(Y/N) N Date Extracted: 04/15/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/29/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	320	U
62-75-9	N-nitroso-dimethylamine	210	U
62-53-3	Aniline	230	U
108-95-2	Phenol	350	U
111-44-4	bis(2-Chloroethyl)ether	220	U
95-57-8	2-Chlorophenol	200	U
541-73-1	1,3-Dichlorobenzene	220	U
106-46-7	1,4-Dichlorobenzene	310	U
100-51-6	Benzyl alcohol	280	U
95-50-1	1,2-Dichlorobenzene	250	U
	2-Methylphenol	220	U
108-60-1	bis(2-chloroisopropyl)ether	270	U
	4-Methylphenol	280	U
621-64-7	n-Nitroso-di-n-propylamine	260	U
67-72-1	Hexachloroethane	220	U
98-95-3	Nitrobenzene	280	U
78-59-1	Isophorone	270	U
88-75-5	2-Nitrophenol	180	U
105-67-9	2,4-Dimethylphenol	310	U
111-91-1	bis(2-Chloroethoxy)methane	130	U
120-83-2	2,4-Dichlorophenol	170	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	280	U
91-20-3	Naphthalene	260	U
106-47-8	4-Chloroaniline	310	U
87-68-3	Hexachlorobutadiene	260	U
59-50-7	4-Chloro-3-methylphenol	210	U
91-57-6	2-Methylnaphthalene	290	U
77-47-4	Hexachlorocyclopentadiene	60	U
88-06-2	2,4,6-Trichlorophenol	200	U
	2,4,5-Trichlorophenol	220	U
91-58-7	2-Chloronaphthalene	190	U
88-74-4	2-Nitroaniline	180	U
131-11-3	Dimethylphthalate	160	U
208-96-8	Acenaphthylene	200	U
606-20-2	2,6-Dinitrotoluene	240	U
99-09-2	3-Nitroaniline	270	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-21

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3479 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3479.07

Sample wt/vol: 10.74 (g/ml) G Lab File ID: BN1553.D

Level: (low/med) LOW Date Received: 04/14/98

% Moisture: 11.93 decanted:(Y/N) N Date Extracted: 04/15/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/29/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	190	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	200	U
100-02-7	4-Nitrophenol	490	U
121-14-2	2,4-Dinitrotoluene	200	U
84-66-2	Diethylphthalate	210	U
86-73-7	Fluorene	200	U
7005-72-3	4-Chlorophenyl-phenylether	200	U
100-01-6	4-Nitroaniline	300	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	190	U
103-33-3	Azobenzene	200	U
101-55-3	4-Bromophenyl-phenylether	180	U
118-74-1	Hexachlorobenzene	280	U
87-86-5	Pentachlorophenol	310	U
85-01-8	Phenanthrene	200	U
120-12-7	Anthracene	200	U
84-74-2	Di-n-butylphthalate	750	JB
206-44-0	Fluoranthene	210	U
92-87-5	Benzidine	960	U
129-00-0	Pyrene	240	U
85-68-7	Butylbenzylphthalate	270	U
56-55-3	Benzo[a]anthracene	210	U
91-94-1	3,3'-Dichlorobenzidine	360	U
218-01-9	Chrysene	270	U
117-81-7	bis(2-Ethylhexyl)phthalate	190	J
117-84-0	Di-n-octylphthalate	300	U
205-99-2	Benzo[b]fluoranthene	260	U
207-08-9	Benzo[k]fluoranthene	190	U
50-32-8	Benzo[a]pyrene	200	U
193-39-5	Indeno[1,2,3-cd]pyrene	220	U
53-70-3	Dibenz[a,h]anthracene	250	U
191-24-2	Benzo[g,h,i]perylene	250	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-21

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3479 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3479.07

Sample wt/vol: 10.74 (g/ml) G Lab File ID: BN1553.D

Level: (low/med) LOW Date Received: 04/14/98

% Moisture: 11.93 decanted: (Y/N) N Date Extracted: 04/15/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/29/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 4 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-83-8	Cyclohexene	3.41	8600	JN
2. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	20.97	1400	JN
3. 000112-92-5	1-Octadecanol	26.41	7700	JN
4. 000629-96-9	1-Eicosanol	30.99	1200	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-22

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3479 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3479.11

Sample wt/vol: 10.81 (g/ml) G Lab File ID: BN1554.D

Level: (low/med) LOW Date Received: 04/14/98

% Moisture: 8.11 decanted:(Y/N) N Date Extracted: 04/15/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/29/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	300	U
62-75-9	N-nitroso-dimethylamine	200	U
62-53-3	Aniline	220	U
108-95-2	Phenol	340	U
111-44-4	bis(2-Chloroethyl)ether	210	U
95-57-8	2-Chlorophenol	190	U
541-73-1	1,3-Dichlorobenzene	210	U
106-46-7	1,4-Dichlorobenzene	290	U
100-51-6	Benzyl alcohol	270	U
95-50-1	1,2-Dichlorobenzene	240	U
	2-Methylphenol	210	U
108-60-1	bis(2-chloroisopropyl)ether	250	U
	4-Methylphenol	270	U
621-64-7	n-Nitroso-di-n-propylamine	250	U
67-72-1	Hexachloroethane	210	U
98-95-3	Nitrobenzene	270	U
78-59-1	Isophorone	260	U
88-75-5	2-Nitrophenol	170	U
105-67-9	2,4-Dimethylphenol	290	U
111-91-1	bis(2-Chloroethoxy)methane	120	U
120-83-2	2,4-Dichlorophenol	160	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	260	U
91-20-3	Naphthalene	250	U
106-47-8	4-Chloroaniline	290	U
87-68-3	Hexachlorobutadiene	250	U
59-50-7	4-Chloro-3-methylphenol	200	U
91-57-6	2-Methylnaphthalene	270	U
77-47-4	Hexachlorocyclopentadiene	57	U
88-06-2	2,4,6-Trichlorophenol	190	U
	2,4,5-Trichlorophenol	210	U
91-58-7	2-Chloronaphthalene	180	U
88-74-4	2-Nitroaniline	170	U
131-11-3	Dimethylphthalate	150	U
208-96-8	Acenaphthylene	190	U
606-20-2	2,6-Dinitrotoluene	230	U
99-09-2	3-Nitroaniline	250	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-22

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3479 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3479.11

Sample wt/vol: 10.81 (g/ml) G Lab File ID: BN1554.D

Level: (low/med) LOW Date Received: 04/14/98

% Moisture: 8.11 decanted:(Y/N) N Date Extracted: 04/15/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/29/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	180	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	190	U
100-02-7	4-Nitrophenol	460	U
121-14-2	2,4-Dinitrotoluene	190	U
84-66-2	Diethylphthalate	200	U
86-73-7	Fluorene	190	U
7005-72-3	4-Chlorophenyl-phenylether	190	U
100-01-6	4-Nitroaniline	280	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	180	U
103-33-3	Azobenzene	190	U
101-55-3	4-Bromophenyl-phenylether	170	U
118-74-1	Hexachlorobenzene	270	U
87-86-5	Pentachlorophenol	300	U
85-01-8	Phenanthrene	140	J
120-12-7	Anthracene	140	J
84-74-2	Di-n-butylphthalate	520	JB
206-44-0	Fluoranthene	150	J
92-87-5	Benzidine	910	U
129-00-0	Pyrene	220	J
85-68-7	Butylbenzylphthalate	250	U
56-55-3	Benzo[a]anthracene	200	U
91-94-1	3,3'-Dichlorobenzidine	350	U
218-01-9	Chrysene	190	J
117-81-7	bis(2-Ethylhexyl)phthalate	640	
117-84-0	Di-n-octylphthalate	280	U
205-99-2	Benzo[b]fluoranthene	250	U
207-08-9	Benzo[k]fluoranthene	180	U
50-32-8	Benzo[a]pyrene	190	U
193-39-5	Indeno[1,2,3-cd]pyrene	210	U
53-70-3	Dibenz[a,h]anthracene	240	U
191-24-2	Benzo[g,h,i]perylene	240	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-22

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3479 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3479.11

Sample wt/vol: 10.81 (g/ml) G Lab File ID: BN1554.D

Level: (low/med) LOW Date Received: 04/14/98

% Moisture: 8.11 decanted: (Y/N) N Date Extracted: 04/15/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/29/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 4 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-83-8	Cyclohexene	3.38	1300	JN
2. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	20.96	1000	JN
3. 019047-85-9	Phosphonic acid, dioctadecyl est	26.40	6500	JN
4. 006971-40-0	17-Pentatriacontene	31.00	1100	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-23

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3485 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3485.03

Sample wt/vol: 10.43 (g/ml) G Lab File ID: BN1546.D

Level: (low/med) LOW Date Received: 04/15/98

% Moisture: 13.81 decanted:(Y/N) N Date Extracted: 04/16/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/29/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
110-86-1	Pyridine	330	U
62-75-9	N-nitroso-dimethylamine	220	U
62-53-3	Aniline	240	U
108-95-2	Phenol	370	U
111-44-4	bis(2-Chloroethyl)ether	230	U
95-57-8	2-Chlorophenol	210	U
541-73-1	1,3-Dichlorobenzene	230	U
106-46-7	1,4-Dichlorobenzene	320	U
100-51-6	Benzyl alcohol	300	U
95-50-1	1,2-Dichlorobenzene	260	U
	2-Methylphenol	230	U
108-60-1	bis(2-chloroisopropyl)ether	280	U
	4-Methylphenol	300	U
621-64-7	n-Nitroso-di-n-propylamine	270	U
67-72-1	Hexachloroethane	230	U
98-95-3	Nitrobenzene	300	U
78-59-1	Isophorone	280	U
88-75-5	2-Nitrophenol	190	U
105-67-9	2,4-Dimethylphenol	320	U
111-91-1	bis(2-Chloroethoxy)methane	130	U
120-83-2	2,4-Dichlorophenol	180	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	290	U
91-20-3	Naphthalene	270	U
106-47-8	4-Chloroaniline	330	U
87-68-3	Hexachlorobutadiene	280	U
59-50-7	4-Chloro-3-methylphenol	220	U
91-57-6	2-Methylnaphthalene	300	U
77-47-4	Hexachlorocyclopentadiene	63	U
88-06-2	2,4,6-Trichlorophenol	210	U
	2,4,5-Trichlorophenol	230	U
91-58-7	2-Chloronaphthalene	200	U
88-74-4	2-Nitroaniline	180	U
131-11-3	Dimethylphthalate	170	U
208-96-8	Acenaphthylene	210	U
606-20-2	2,6-Dinitrotoluene	250	U
99-09-2	3-Nitroaniline	280	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-23

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3485 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3485.03

Sample wt/vol: 10.43 (g/ml) G Lab File ID: BN1546.D

Level: (low/med) LOW Date Received: 04/15/98

% Moisture: 13.81 decanted:(Y/N) N Date Extracted: 04/16/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/29/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
83-32-9	Acenaphthene	190	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	210	U
100-02-7	4-Nitrophenol	510	U
121-14-2	2,4-Dinitrotoluene	210	U
84-66-2	Diethylphthalate	230	U
86-73-7	Fluorene	210	U
7005-72-3	4-Chlorophenyl-phenylether	210	U
100-01-6	4-Nitroaniline	310	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	200	U
103-33-3	Azobenzene	210	U
101-55-3	4-Bromophenyl-phenylether	190	U
118-74-1	Hexachlorobenzene	290	U
87-86-5	Pentachlorophenol	330	U
85-01-8	Phenanthrene	210	U
120-12-7	Anthracene	210	U
84-74-2	Di-n-butylphthalate	11000	B
206-44-0	Fluoranthene	220	U
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	250	U
85-68-7	Butylbenzylphthalate	280	U
56-55-3	Benzo[a]anthracene	220	U
91-94-1	3,3'-Dichlorobenzidine	380	U
218-01-9	Chrysene	280	U
117-81-7	bis(2-Ethylhexyl)phthalate	130	JB
117-84-0	Di-n-octylphthalate	310	U
205-99-2	Benzo[b]fluoranthene	270	U
207-08-9	Benzo[k]fluoranthene	200	U
50-32-8	Benzo[a]pyrene	210	U
193-39-5	Indeno[1,2,3-cd]pyrene	230	U
53-70-3	Dibenz[a,h]anthracene	270	U
191-24-2	Benzo[g,h,i]perylene	270	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-23

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3485 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3485.03

Sample wt/vol: 10.43 (g/ml) G Lab File ID: BN1546.D

Level: (low/med) LOW Date Received: 04/15/98

% Moisture: 13.81 decanted: (Y/N) N Date Extracted: 04/16/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/29/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-83-8	Cyclohexene	3.45	52000	JN
2. 000112-92-5	1-Octadecanol	26.40	5400	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-24

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3485 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3485.07

Sample wt/vol: 10.95 (g/ml) G Lab File ID: BN1547.D

Level: (low/med) LOW Date Received: 04/15/98

% Moisture: 12.41 decanted:(Y/N) N Date Extracted: 04/16/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/29/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
110-86-1	Pyridine	310	U
62-75-9	N-nitroso-dimethylamine	210	U
62-53-3	Aniline	230	U
108-95-2	Phenol	350	U
111-44-4	bis(2-Chloroethyl)ether	220	U
95-57-8	2-Chlorophenol	200	U
541-73-1	1,3-Dichlorobenzene	220	U
106-46-7	1,4-Dichlorobenzene	300	U
100-51-6	Benzyl alcohol	280	U
95-50-1	1,2-Dichlorobenzene	250	U
	2-Methylphenol	210	U
108-60-1	bis(2-chloroisopropyl)ether	260	U
	4-Methylphenol	280	U
621-64-7	n-Nitroso-di-n-propylamine	250	U
67-72-1	Hexachloroethane	220	U
98-95-3	Nitrobenzene	280	U
78-59-1	Isophorone	270	U
88-75-5	2-Nitrophenol	180	U
105-67-9	2,4-Dimethylphenol	300	U
111-91-1	bis(2-Chloroethoxy)methane	120	U
120-83-2	2,4-Dichlorophenol	160	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	270	U
91-20-3	Naphthalene	250	U
106-47-8	4-Chloroaniline	310	U
87-68-3	Hexachlorobutadiene	260	U
59-50-7	4-Chloro-3-methylphenol	200	U
91-57-6	2-Methylnaphthalene	280	U
77-47-4	Hexachlorocyclopentadiene	59	U
88-06-2	2,4,6-Trichlorophenol	200	U
	2,4,5-Trichlorophenol	220	U
91-58-7	2-Chloronaphthalene	180	U
88-74-4	2-Nitroaniline	170	U
131-11-3	Dimethylphthalate	160	U
208-96-8	Acenaphthylene	200	U
606-20-2	2,6-Dinitrotoluene	240	U
99-09-2	3-Nitroaniline	260	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-24

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3485 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3485.07

Sample wt/vol: 10.95 (g/ml) G Lab File ID: BN1547.D

Level: (low/med) LOW Date Received: 04/15/98

% Moisture: 12.41 decanted:(Y/N) N Date Extracted: 04/16/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/29/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
83-32-9	Acenaphthene	180	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	190	U
100-02-7	4-Nitrophenol	480	U
121-14-2	2,4-Dinitrotoluene	190	U
84-66-2	Diethylphthalate	210	U
86-73-7	Fluorene	200	U
7005-72-3	4-Chlorophenyl-phenylether	200	U
100-01-6	4-Nitroaniline	290	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	190	U
103-33-3	Azobenzene	200	U
101-55-3	4-Bromophenyl-phenylether	180	U
118-74-1	Hexachlorobenzene	280	U
87-86-5	Pentachlorophenol	310	U
85-01-8	Phenanthrene	200	U
120-12-7	Anthracene	200	U
84-74-2	Di-n-butylphthalate	1100	B
206-44-0	Fluoranthene	200	U
92-87-5	Benzidine	940	U
129-00-0	Pyrene	240	U
85-68-7	Butylbenzylphthalate	260	U
56-55-3	Benzo[a]anthracene	200	U
91-94-1	3,3'-Dichlorobenzidine	360	U
218-01-9	Chrysene	260	U
117-81-7	bis(2-Ethylhexyl)phthalate	510	B
117-84-0	Di-n-octylphthalate	290	U
205-99-2	Benzo[b]fluoranthene	260	U
207-08-9	Benzo[k]fluoranthene	190	U
50-32-8	Benzo[a]pyrene	190	U
193-39-5	Indeno[1,2,3-cd]pyrene	210	U
53-70-3	Dibenz[a,h]anthracene	250	U
191-24-2	Benzo[g,h,i]perylene	250	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-24

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3485 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3485.07

Sample wt/vol: 10.95 (g/ml) G Lab File ID: BN1547.D

Level: (low/med) LOW Date Received: 04/15/98

% Moisture: 12.41 decanted: (Y/N) N Date Extracted: 04/16/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/29/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-83-8	Cyclohexene	3.46	43000	JN
2. 018435-45-5	1-Nonadecene	26.40	4900	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-25

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3485 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3485.11

Sample wt/vol: 10.01 (g/ml) G Lab File ID: BN1548.D

Level: (low/med) LOW Date Received: 04/15/98

% Moisture: 12.1 decanted:(Y/N) N Date Extracted: 04/16/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/29/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	340	U
62-75-9	N-nitroso-dimethylamine	230	U
62-53-3	Aniline	250	U
108-95-2	Phenol	380	U
111-44-4	bis(2-Chloroethyl)ether	240	U
95-57-8	2-Chlorophenol	220	U
541-73-1	1,3-Dichlorobenzene	240	U
106-46-7	1,4-Dichlorobenzene	330	U
100-51-6	Benzyl alcohol	300	U
95-50-1	1,2-Dichlorobenzene	270	U
	2-Methylphenol	230	U
108-60-1	bis(2-chloroisopropyl)ether	290	U
	4-Methylphenol	300	U
621-64-7	n-Nitroso-di-n-propylamine	280	U
67-72-1	Hexachloroethane	240	U
98-95-3	Nitrobenzene	300	U
78-59-1	Isophorone	290	U
88-75-5	2-Nitrophenol	190	U
105-67-9	2,4-Dimethylphenol	330	U
111-91-1	bis(2-Chloroethoxy)methane	140	U
120-83-2	2,4-Dichlorophenol	180	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	300	U
91-20-3	Naphthalene	280	U
106-47-8	4-Chloroaniline	330	U
87-68-3	Hexachlorobutadiene	280	U
59-50-7	4-Chloro-3-methylphenol	220	U
91-57-6	2-Methylnaphthalene	310	U
77-47-4	Hexachlorocyclopentadiene	65	U
88-06-2	2,4,6-Trichlorophenol	210	U
	2,4,5-Trichlorophenol	240	U
91-58-7	2-Chloronaphthalene	200	U
88-74-4	2-Nitroaniline	190	U
131-11-3	Dimethylphthalate	170	U
208-96-8	Acenaphthylene	220	U
606-20-2	2,6-Dinitrotoluene	260	U
99-09-2	3-Nitroaniline	290	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-25

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3485 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3485.11

Sample wt/vol: 10.01 (g/ml) G Lab File ID: BN1548.D

Level: (low/med) LOW Date Received: 04/15/98

% Moisture: 12.1 decanted:(Y/N) N Date Extracted: 04/16/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/29/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	200	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	210	U
100-02-7	4-Nitrophenol	520	U
121-14-2	2,4-Dinitrotoluene	210	U
84-66-2	Diethylphthalate	230	U
86-73-7	Fluorene	220	U
7005-72-3	4-Chlorophenyl-phenylether	210	U
100-01-6	4-Nitroaniline	320	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	210	U
103-33-3	Azobenzene	220	U
101-55-3	4-Bromophenyl-phenylether	200	U
118-74-1	Hexachlorobenzene	300	U
87-86-5	Pentachlorophenol	340	U
85-01-8	Phenanthrene	190	J
120-12-7	Anthracene	220	U
84-74-2	Di-n-butylphthalate	5700	B
206-44-0	Fluoranthene	330	
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	310	
85-68-7	Butylbenzylphthalate	290	U
56-55-3	Benzo[a]anthracene	250	
91-94-1	3,3'-Dichlorobenzidine	390	U
218-01-9	Chrysene	410	
117-81-7	bis(2-Ethylhexyl)phthalate	230	JB
117-84-0	Di-n-octylphthalate	320	U
205-99-2	Benzo[b]fluoranthene	290	
207-08-9	Benzo[k]fluoranthene	260	
50-32-8	Benzo[a]pyrene	250	
193-39-5	Indeno[1,2,3-cd]pyrene	190	J
53-70-3	Dibenz[a,h]anthracene	270	U
191-24-2	Benzo[g,h,i]perylene	170	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-25

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3485 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3485.11

Sample wt/vol: 10.01 (g/ml) G Lab File ID: BN1548.D

Level: (low/med) LOW Date Received: 04/15/98

% Moisture: 12.1 decanted: (Y/N) N Date Extracted: 04/16/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/29/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 3

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-83-8	Cyclohexene	3.49	50000	JN
2. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	20.97	1000	JN
3. 000112-92-5	1-Octadecanol	26.40	5800	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-26

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3485 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3485.15

Sample wt/vol: 10.72 (g/ml) G Lab File ID: BN1549.D

Level: (low/med) LOW Date Received: 04/15/98

% Moisture: 18.08 decanted:(Y/N) N Date Extracted: 04/16/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/29/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
110-86-1	Pyridine	340	U
62-75-9	N-nitroso-dimethylamine	230	U
62-53-3	Aniline	250	U
108-95-2	Phenol	380	U
111-44-4	bis(2-Chloroethyl)ether	240	U
95-57-8	2-Chlorophenol	220	U
541-73-1	1,3-Dichlorobenzene	240	U
106-46-7	1,4-Dichlorobenzene	330	U
100-51-6	Benzyl alcohol	300	U
95-50-1	1,2-Dichlorobenzene	270	U
	2-Methylphenol	230	U
108-60-1	bis(2-chloroisopropyl)ether	290	U
	4-Methylphenol	300	U
621-64-7	n-Nitroso-di-n-propylamine	280	U
67-72-1	Hexachloroethane	240	U
98-95-3	Nitrobenzene	310	U
78-59-1	Isophorone	290	U
88-75-5	2-Nitrophenol	190	U
105-67-9	2,4-Dimethylphenol	330	U
111-91-1	bis(2-Chloroethoxy)methane	140	U
120-83-2	2,4-Dichlorophenol	180	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	300	U
91-20-3	Naphthalene	280	U
106-47-8	4-Chloroaniline	330	U
87-68-3	Hexachlorobutadiene	280	U
59-50-7	4-Chloro-3-methylphenol	220	U
91-57-6	2-Methylnaphthalene	310	U
77-47-4	Hexachlorocyclopentadiene	65	U
88-06-2	2,4,6-Trichlorophenol	210	U
	2,4,5-Trichlorophenol	240	U
91-58-7	2-Chloronaphthalene	200	U
88-74-4	2-Nitroaniline	190	U
131-11-3	Dimethylphthalate	170	U
208-96-8	Acenaphthylene	220	U
606-20-2	2,6-Dinitrotoluene	260	U
99-09-2	3-Nitroaniline	290	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-26

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3485 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3485.15

Sample wt/vol: 10.72 (g/ml) G Lab File ID: BN1549.D

Level: (low/med) LOW Date Received: 04/15/98

% Moisture: 18.08 decanted:(Y/N) N Date Extracted: 04/16/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/29/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	200	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	210	U
100-02-7	4-Nitrophenol	520	U
121-14-2	2,4-Dinitrotoluene	210	U
84-66-2	Diethylphthalate	230	U
86-73-7	Fluorene	220	U
7005-72-3	4-Chlorophenyl-phenylether	210	U
100-01-6	4-Nitroaniline	320	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	210	U
103-33-3	Azobenzene	220	U
101-55-3	4-Bromophenyl-phenylether	200	U
118-74-1	Hexachlorobenzene	300	U
87-86-5	Pentachlorophenol	340	U
85-01-8	Phenanthrene	390	
120-12-7	Anthracene	220	U
84-74-2	Di-n-butylphthalate	4600	B
206-44-0	Fluoranthene	910	
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	770	
85-68-7	Butylbenzylphthalate	120	J
56-55-3	Benzo[a]anthracene	540	
91-94-1	3,3'-Dichlorobenzidine	390	U
218-01-9	Chrysene	830	
117-81-7	bis(2-Ethylhexyl)phthalate	1300	B
117-84-0	Di-n-octylphthalate	320	U
205-99-2	Benzo[b]fluoranthene	690	
207-08-9	Benzo[k]fluoranthene	560	
50-32-8	Benzo[a]pyrene	670	
193-39-5	Indeno[1,2,3-cd]pyrene	580	
53-70-3	Dibenz[a,h]anthracene	270	U
191-24-2	Benzo[g,h,i]perylene	510	

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-26

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3485 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3485.15

Sample wt/vol: 10.72 (g/ml) G Lab File ID: BN1549.D

Level: (low/med) LOW Date Received: 04/15/98

% Moisture: 18.08 decanted: (Y/N) N Date Extracted: 04/16/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/29/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 5

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-83-8	Cyclohexene	3.45	32000	JN
2. 010544-50-0	Sulfur, mol. (S8)	23.08	1400	JN
3. 000629-78-7	Heptadecane	23.96	940	JN
4. 000630-06-8	Hexatriacontane	24.81	1100	JN
5. 000629-96-9	1-Eicosanol	26.41	3800	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-27

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3498 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3498.03

Sample wt/vol: 10.04 (g/ml) G Lab File ID: BN1534.D

Level: (low/med) LOW Date Received: 04/20/98

% Moisture: 17.23 decanted:(Y/N) N Date Extracted: 04/21/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/29/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	360	U
62-75-9	N-nitroso-dimethylamine	240	U
62-53-3	Aniline	260	U
108-95-2	Phenol	400	U
111-44-4	bis(2-Chloroethyl)ether	250	U
95-57-8	2-Chlorophenol	230	U
541-73-1	1,3-Dichlorobenzene	250	U
106-46-7	1,4-Dichlorobenzene	350	U
100-51-6	Benzyl alcohol	320	U
95-50-1	1,2-Dichlorobenzene	280	U
	2-Methylphenol	250	U
108-60-1	bis(2-chloroisopropyl)ether	300	U
	4-Methylphenol	320	U
621-64-7	n-Nitroso-di-n-propylamine	290	U
67-72-1	Hexachloroethane	250	U
98-95-3	Nitrobenzene	320	U
78-59-1	Isophorone	310	U
88-75-5	2-Nitrophenol	200	U
105-67-9	2,4-Dimethylphenol	350	U
111-91-1	bis(2-Chloroethoxy)methane	140	U
120-83-2	2,4-Dichlorophenol	190	U
65-85-0	Benzoic Acid	1200	U
120-82-1	1,2,4-Trichlorobenzene	320	U
91-20-3	Naphthalene	170	J
106-47-8	4-Chloroaniline	350	U
87-68-3	Hexachlorobutadiene	300	U
59-50-7	4-Chloro-3-methylphenol	230	U
91-57-6	2-Methylnaphthalene	210	J
77-47-4	Hexachlorocyclopentadiene	69	U
88-06-2	2,4,6-Trichlorophenol	230	U
	2,4,5-Trichlorophenol	250	U
91-58-7	2-Chloronaphthalene	210	U
88-74-4	2-Nitroaniline	200	U
131-11-3	Dimethylphthalate	180	U
208-96-8	Acenaphthylene	230	U
606-20-2	2,6-Dinitrotoluene	270	U
99-09-2	3-Nitroaniline	300	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-27

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3498 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3498.03

Sample wt/vol: 10.04 (g/ml) G Lab File ID: BN1534.D

Level: (low/med) LOW Date Received: 04/20/98

% Moisture: 17.23 decanted:(Y/N) N Date Extracted: 04/21/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/29/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	210	U
51-28-5	2,4-Dinitrophenol	1200	U
132-64-9	Dibenzofuran	220	U
100-02-7	4-Nitrophenol	550	U
121-14-2	2,4-Dinitrotoluene	220	U
84-66-2	Diethylphthalate	200	JB
86-73-7	Fluorene	230	U
7005-72-3	4-Chlorophenyl-phenylether	230	U
100-01-6	4-Nitroaniline	340	U
534-52-1	4,6-Dinitro-2-methylphenol	1200	U
86-30-6	n-Nitrosodiphenylamine	220	U
103-33-3	Azobenzene	230	U
101-55-3	4-Bromophenyl-phenylether	210	U
118-74-1	Hexachlorobenzene	320	U
87-86-5	Pentachlorophenol	350	U
85-01-8	Phenanthrene	1300	
120-12-7	Anthracene	210	J
84-74-2	Di-n-butylphthalate	6600	B
206-44-0	Fluoranthene	2800	
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	2500	
85-68-7	Butylbenzylphthalate	300	U
56-55-3	Benzo[a]anthracene	1500	
91-94-1	3,3'-Dichlorobenzidine	410	U
218-01-9	Chrysene	2300	
117-81-7	bis(2-Ethylhexyl)phthalate	290	JB
117-84-0	Di-n-octylphthalate	340	U
205-99-2	Benzo[b]fluoranthene	1600	
207-08-9	Benzo[k]fluoranthene	1400	
50-32-8	Benzo[a]pyrene	1600	
193-39-5	Indeno[1,2,3-cd]pyrene	1200	
53-70-3	Dibenz[a,h]anthracene	420	
191-24-2	Benzo[g,h,i]perylene	950	

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-27

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3498 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3498.03

Sample wt/vol: 10.04 (g/ml) G Lab File ID: BN1534.D

Level: (low/med) LOW Date Received: 04/20/98

% Moisture: 17.23 decanted: (Y/N) N Date Extracted: 04/21/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/29/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 5 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-83-8	Cyclohexene	3.48	41000	JN
2. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	20.97	1600	JN
3. 000629-78-7	Heptadecane	23.96	1000	JN
4. 000238-84-6	11H-Benzo[a]fluorene	24.51	1200	JN
5. 019047-85-9	Phosphonic acid, dioctadecyl est	26.40	4000	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-28

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3498 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3498.07

Sample wt/vol: 10.23 (g/ml) G Lab File ID: BN1535.D

Level: (low/med) LOW Date Received: 04/20/98

% Moisture: 10.44 decanted:(Y/N) N Date Extracted: 04/21/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/29/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	330	U
62-75-9	N-nitroso-dimethylamine	220	U
62-53-3	Aniline	240	U
108-95-2	Phenol	360	U
111-44-4	bis(2-Chloroethyl)ether	230	U
95-57-8	2-Chlorophenol	210	U
541-73-1	1,3-Dichlorobenzene	230	U
106-46-7	1,4-Dichlorobenzene	320	U
100-51-6	Benzyl alcohol	290	U
95-50-1	1,2-Dichlorobenzene	260	U
	2-Methylphenol	220	U
108-60-1	bis(2-chloroisopropyl)ether	270	U
	4-Methylphenol	290	U
621-64-7	n-Nitroso-di-n-propylamine	270	U
67-72-1	Hexachloroethane	230	U
98-95-3	Nitrobenzene	290	U
78-59-1	Isophorone	280	U
88-75-5	2-Nitrophenol	180	U
105-67-9	2,4-Dimethylphenol	320	U
111-91-1	bis(2-Chloroethoxy)methane	130	U
120-83-2	2,4-Dichlorophenol	170	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	290	U
91-20-3	Naphthalene	130	J
106-47-8	4-Chloroaniline	320	U
87-68-3	Hexachlorobutadiene	270	U
59-50-7	4-Chloro-3-methylphenol	210	U
91-57-6	2-Methylnaphthalene	160	J
77-47-4	Hexachlorocyclopentadiene	62	U
88-06-2	2,4,6-Trichlorophenol	210	U
	2,4,5-Trichlorophenol	230	U
91-58-7	2-Chloronaphthalene	190	U
88-74-4	2-Nitroaniline	180	U
131-11-3	Dimethylphthalate	160	U
208-96-8	Acenaphthylene	210	U
606-20-2	2,6-Dinitrotoluene	250	U
99-09-2	3-Nitroaniline	270	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-28

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3498 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3498.07

Sample wt/vol: 10.23 (g/ml) G Lab File ID: BN1535.D

Level: (low/med) LOW Date Received: 04/20/98

% Moisture: 10.44 decanted:(Y/N) N Date Extracted: 04/21/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/29/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	190	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	200	U
100-02-7	4-Nitrophenol	500	U
121-14-2	2,4-Dinitrotoluene	200	U
84-66-2	Diethylphthalate	220	U
86-73-7	Fluorene	210	U
7005-72-3	4-Chlorophenyl-phenylether	210	U
100-01-6	4-Nitroaniline	310	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	200	U
103-33-3	Azobenzene	210	U
101-55-3	4-Bromophenyl-phenylether	190	U
118-74-1	Hexachlorobenzene	290	U
87-86-5	Pentachlorophenol	320	U
85-01-8	Phenanthrene	480	
120-12-7	Anthracene	210	U
84-74-2	Di-n-butylphthalate	890	JB
206-44-0	Fluoranthene	380	
92-87-5	Benzidine	990	U
129-00-0	Pyrene	600	
85-68-7	Butylbenzylphthalate	270	U
56-55-3	Benzo[a]anthracene	230	
91-94-1	3,3'-Dichlorobenzidine	380	U
218-01-9	Chrysene	530	
117-81-7	bis(2-Ethylhexyl)phthalate	140	JB
117-84-0	Di-n-octylphthalate	310	U
205-99-2	Benzo[b]fluoranthene	190	J
207-08-9	Benzo[k]fluoranthene	190	J
50-32-8	Benzo[a]pyrene	220	
193-39-5	Indeno[1,2,3-cd]pyrene	150	J
53-70-3	Dibenz[a,h]anthracene	260	U
191-24-2	Benzo[g,h,i]perylene	160	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-28

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3498 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3498.07

Sample wt/vol: 10.23 (g/ml) G Lab File ID: BN1535.D

Level: (low/med) LOW Date Received: 04/20/98

% Moisture: 10.44 decanted: (Y/N) N Date Extracted: 04/21/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/29/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 4 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-83-8	Cyclohexene	3.42	25000	JN
2. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	20.97	1500	JN
3. 000629-96-9	1-Eicosanol	26.40	6000	JN
4. 000629-92-5	Nonadecane	29.31	1000	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-29

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3498 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3498.11

Sample wt/vol: 10.44 (g/ml) G Lab File ID: BN1536.D

Level: (low/med) LOW Date Received: 04/20/98

% Moisture: 10.44 decanted:(Y/N) N Date Extracted: 04/21/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/29/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
110-86-1	Pyridine	320	U
62-75-9	N-nitroso-dimethylamine	210	U
62-53-3	Aniline	230	U
108-95-2	Phenol	360	U
111-44-4	bis(2-Chloroethyl)ether	220	U
95-57-8	2-Chlorophenol	200	U
541-73-1	1,3-Dichlorobenzene	220	U
106-46-7	1,4-Dichlorobenzene	310	U
100-51-6	Benzyl alcohol	290	U
95-50-1	1,2-Dichlorobenzene	250	U
	2-Methylphenol	220	U
108-60-1	bis(2-chloroisopropyl)ether	270	U
	4-Methylphenol	290	U
621-64-7	n-Nitroso-di-n-propylamine	260	U
67-72-1	Hexachloroethane	220	U
98-95-3	Nitrobenzene	290	U
78-59-1	Isophorone	270	U
88-75-5	2-Nitrophenol	180	U
105-67-9	2,4-Dimethylphenol	310	U
111-91-1	bis(2-Chloroethoxy)methane	130	U
120-83-2	2,4-Dichlorophenol	170	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	280	U
91-20-3	Naphthalene	260	U
106-47-8	4-Chloroaniline	310	U
87-68-3	Hexachlorobutadiene	270	U
59-50-7	4-Chloro-3-methylphenol	210	U
91-57-6	2-Methylnaphthalene	290	U
77-47-4	Hexachlorocyclopentadiene	61	U
88-06-2	2,4,6-Trichlorophenol	200	U
	2,4,5-Trichlorophenol	220	U
91-58-7	2-Chloronaphthalene	190	U
88-74-4	2-Nitroaniline	180	U
131-11-3	Dimethylphthalate	160	U
208-96-8	Acenaphthylene	210	U
606-20-2	2,6-Dinitrotoluene	240	U
99-09-2	3-Nitroaniline	270	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-29

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3498 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3498.11

Sample wt/vol: 10.44 (g/ml) G Lab File ID: BN1536.D

Level: (low/med) LOW Date Received: 04/20/98

% Moisture: 10.44 decanted:(Y/N) N Date Extracted: 04/21/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/29/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	190	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	200	U
100-02-7	4-Nitrophenol	490	U
121-14-2	2,4-Dinitrotoluene	200	U
84-66-2	Diethylphthalate	120	JB
86-73-7	Fluorene	200	U
7005-72-3	4-Chlorophenyl-phenylether	200	U
100-01-6	4-Nitroaniline	300	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	200	U
103-33-3	Azobenzene	200	U
101-55-3	4-Bromophenyl-phenylether	190	U
118-74-1	Hexachlorobenzene	280	U
87-86-5	Pentachlorophenol	320	U
85-01-8	Phenanthrene	150	J
120-12-7	Anthracene	210	U
84-74-2	Di-n-butylphthalate	1600	B
206-44-0	Fluoranthene	140	J
92-87-5	Benzidine	970	U
129-00-0	Pyrene	240	J
85-68-7	Butylbenzylphthalate	270	U
56-55-3	Benzo[a]anthracene	210	U
91-94-1	3,3'-Dichlorobenzidine	370	U
218-01-9	Chrysene	190	J
117-81-7	bis(2-Ethylhexyl)phthalate	180	JB
117-84-0	Di-n-octylphthalate	300	U
205-99-2	Benzo[b]fluoranthene	260	U
207-08-9	Benzo[k]fluoranthene	190	U
50-32-8	Benzo[a]pyrene	200	U
193-39-5	Indeno[1,2,3-cd]pyrene	220	U
53-70-3	Dibenz[a,h]anthracene	260	U
191-24-2	Benzo[g,h,i]perylene	260	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-29

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3498 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3498.11

Sample wt/vol: 10.44 (g/ml) G Lab File ID: BN1536.D

Level: (low/med) LOW Date Received: 04/20/98

% Moisture: 10.44 decanted: (Y/N) N Date Extracted: 04/21/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/29/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 4 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-83-8	Cyclohexene	3.48	34000	JN
2.	unknown	14.99	1700	J
3. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	20.99	10000	JN
4. 074685-30-6	5-Eicosene, (E)-	26.39	4400	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-30

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3498 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3498.15

Sample wt/vol: 10.45 (g/ml) G Lab File ID: BN1537.D

Level: (low/med) LOW Date Received: 04/20/98

% Moisture: 12.48 decanted:(Y/N) N Date Extracted: 04/21/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/29/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	330	U
62-75-9	N-nitroso-dimethylamine	220	U
62-53-3	Aniline	240	U
108-95-2	Phenol	360	U
111-44-4	bis(2-Chloroethyl)ether	230	U
95-57-8	2-Chlorophenol	210	U
541-73-1	1,3-Dichlorobenzene	230	U
106-46-7	1,4-Dichlorobenzene	320	U
100-51-6	Benzyl alcohol	290	U
95-50-1	1,2-Dichlorobenzene	260	U
	2-Methylphenol	220	U
108-60-1	bis(2-chloroisopropyl)ether	270	U
	4-Methylphenol	290	U
621-64-7	n-Nitroso-di-n-propylamine	270	U
67-72-1	Hexachloroethane	230	U
98-95-3	Nitrobenzene	290	U
78-59-1	Isophorone	280	U
88-75-5	2-Nitrophenol	180	U
105-67-9	2,4-Dimethylphenol	320	U
111-91-1	bis(2-Chloroethoxy)methane	130	U
120-83-2	2,4-Dichlorophenol	170	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	290	U
91-20-3	Naphthalene	270	U
106-47-8	4-Chloroaniline	320	U
87-68-3	Hexachlorobutadiene	270	U
59-50-7	4-Chloro-3-methylphenol	210	U
91-57-6	2-Methylnaphthalene	300	U
77-47-4	Hexachlorocyclopentadiene	62	U
88-06-2	2,4,6-Trichlorophenol	210	U
	2,4,5-Trichlorophenol	230	U
91-58-7	2-Chloronaphthalene	190	U
88-74-4	2-Nitroaniline	180	U
131-11-3	Dimethylphthalate	170	U
208-96-8	Acenaphthylene	210	U
606-20-2	2,6-Dinitrotoluene	250	U
99-09-2	3-Nitroaniline	270	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-30

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3498 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3498.15

Sample wt/vol: 10.45 (g/ml) G Lab File ID: BN1537.D

Level: (low/med) LOW Date Received: 04/20/98

% Moisture: 12.48 decanted:(Y/N) N Date Extracted: 04/21/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/29/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
83-32-9	Acenaphthene	190	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	200	U
100-02-7	4-Nitrophenol	500	U
121-14-2	2,4-Dinitrotoluene	200	U
84-66-2	Diethylphthalate	120	JB
86-73-7	Fluorene	210	U
7005-72-3	4-Chlorophenyl-phenylether	210	U
100-01-6	4-Nitroaniline	310	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	200	U
103-33-3	Azobenzene	210	U
101-55-3	4-Bromophenyl-phenylether	190	U
118-74-1	Hexachlorobenzene	290	U
87-86-5	Pentachlorophenol	320	U
85-01-8	Phenanthrene	210	U
120-12-7	Anthracene	210	U
84-74-2	Di-n-butylphthalate	1000	B
206-44-0	Fluoranthene	210	U
92-87-5	Benzidine	990	U
129-00-0	Pyrene	250	U
85-68-7	Butylbenzylphthalate	270	U
56-55-3	Benzo[a]anthracene	210	U
91-94-1	3,3'-Dichlorobenzidine	380	U
218-01-9	Chrysene	270	U
117-81-7	bis(2-Ethylhexyl)phthalate	170	JB
117-84-0	Di-n-octylphthalate	310	U
205-99-2	Benzo[b]fluoranthene	270	U
207-08-9	Benzo[k]fluoranthene	200	U
50-32-8	Benzo[a]pyrene	200	U
193-39-5	Indeno[1,2,3-cd]pyrene	220	U
53-70-3	Dibenz[a,h]anthracene	260	U
191-24-2	Benzo[g,h,i]perylene	260	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-30

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3498 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3498.15

Sample wt/vol: 10.45 (g/ml) G Lab File ID: BN1537.D

Level: (low/med) LOW Date Received: 04/20/98

% Moisture: 12.48 decanted: (Y/N) N Date Extracted: 04/21/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/29/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 4 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-83-8	Cyclohexene	3.46	43000	JN
2.	unknown	14.99	1500	J
3. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	20.98	6800	JN
4. 074685-30-6	5-Eicosene, (E)-	26.40	3200	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-31

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3500 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3500.02

Sample wt/vol: 10.59 (g/ml) G Lab File ID: BN1563.D

Level: (low/med) LOW Date Received: 04/21/98

% Moisture: 12.44 decanted:(Y/N) N Date Extracted: 04/22/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/30/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	320	U
62-75-9	N-nitroso-dimethylamine	220	U
62-53-3	Aniline	240	U
108-95-2	Phenol	360	U
111-44-4	bis(2-Chloroethyl)ether	230	U
95-57-8	2-Chlorophenol	210	U
541-73-1	1,3-Dichlorobenzene	220	U
106-46-7	1,4-Dichlorobenzene	310	U
100-51-6	Benzyl alcohol	290	U
95-50-1	1,2-Dichlorobenzene	250	U
	2-Methylphenol	220	U
108-60-1	bis(2-chloroisopropyl)ether	270	U
	4-Methylphenol	290	U
621-64-7	n-Nitroso-di-n-propylamine	260	U
67-72-1	Hexachloroethane	230	U
98-95-3	Nitrobenzene	290	U
78-59-1	Isophorone	280	U
88-75-5	2-Nitrophenol	180	U
105-67-9	2,4-Dimethylphenol	310	U
111-91-1	bis(2-Chloroethoxy)methane	130	U
120-83-2	2,4-Dichlorophenol	170	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	280	U
91-20-3	Naphthalene	260	U
106-47-8	4-Chloroaniline	320	U
87-68-3	Hexachlorobutadiene	270	U
59-50-7	4-Chloro-3-methylphenol	210	U
91-57-6	2-Methylnaphthalene	290	U
77-47-4	Hexachlorocyclopentadiene	61	U
88-06-2	2,4,6-Trichlorophenol	200	U
	2,4,5-Trichlorophenol	230	U
91-58-7	2-Chloronaphthalene	190	U
88-74-4	2-Nitroaniline	180	U
131-11-3	Dimethylphthalate	160	U
208-96-8	Acenaphthylene	210	U
606-20-2	2,6-Dinitrotoluene	250	U
99-09-2	3-Nitroaniline	270	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-31

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3500 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3500.02

Sample wt/vol: 10.59 (g/ml) G Lab File ID: BN1563.D

Level: (low/med) LOW Date Received: 04/21/98

% Moisture: 12.44 decanted:(Y/N) N Date Extracted: 04/22/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/30/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	190	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	200	U
100-02-7	4-Nitrophenol	500	U
121-14-2	2,4-Dinitrotoluene	200	U
84-66-2	Diethylphthalate	150	J
86-73-7	Fluorene	210	U
7005-72-3	4-Chlorophenyl-phenylether	200	U
100-01-6	4-Nitroaniline	300	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	200	U
103-33-3	Azobenzene	210	U
101-55-3	4-Bromophenyl-phenylether	190	U
118-74-1	Hexachlorobenzene	280	U
87-86-5	Pentachlorophenol	320	U
85-01-8	Phenanthrene	130	J
120-12-7	Anthracene	210	U
84-74-2	Di-n-butylphthalate	25000	EB
206-44-0	Fluoranthene	120	J
92-87-5	Benzidine	980	U
129-00-0	Pyrene	190	J
85-68-7	Butylbenzylphthalate	270	U
56-55-3	Benzo[a]anthracene	210	U
91-94-1	3,3'-Dichlorobenzidine	370	U
218-01-9	Chrysene	150	J
117-81-7	bis(2-Ethylhexyl)phthalate	130	JB
117-84-0	Di-n-octylphthalate	300	U
205-99-2	Benzo[b]fluoranthene	260	U
207-08-9	Benzo[k]fluoranthene	200	U
50-32-8	Benzo[a]pyrene	200	U
193-39-5	Indeno[1,2,3-cd]pyrene	220	U
53-70-3	Dibenz[a,h]anthracene	260	U
191-24-2	Benzo[g,h,i]perylene	260	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-31

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3500 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3500.02

Sample wt/vol: 10.59 (g/ml) G Lab File ID: BN1563.D

Level: (low/med) LOW Date Received: 04/21/98

% Moisture: 12.44 decanted: (Y/N) N Date Extracted: 04/22/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/30/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 3 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	3.31	1200	J
2. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	20.97	1200	JN
3. 074685-30-6	5-Eicosene, (E)-	26.40	4100	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-31DL

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3500 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3500.02

Sample wt/vol: 10.59 (g/ml) G Lab File ID: BN1605.D

Level: (low/med) LOW Date Received: 04/21/98

% Moisture: 12.44 decanted:(Y/N) N Date Extracted: 04/22/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/05/98

Injection Volume: 1.0 (uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1600	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1200	U
108-95-2	Phenol	1800	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1000	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1600	U
100-51-6	Benzyl alcohol	1400	U
95-50-1	1,2-Dichlorobenzene	1300	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1400	U
	4-Methylphenol	1400	U
621-64-7	n-Nitroso-di-n-propylamine	1300	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1400	U
78-59-1	Isophorone	1400	U
88-75-5	2-Nitrophenol	910	U
105-67-9	2,4-Dimethylphenol	1600	U
111-91-1	bis(2-Chloroethoxy)methane	640	U
120-83-2	2,4-Dichlorophenol	850	U
65-85-0	Benzoic Acid	5400	U
120-82-1	1,2,4-Trichlorobenzene	1400	U
91-20-3	Naphthalene	1300	U
106-47-8	4-Chloroaniline	1600	U
87-68-3	Hexachlorobutadiene	1300	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1500	U
77-47-4	Hexachlorocyclopentadiene	310	U
88-06-2	2,4,6-Trichlorophenol	1000	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	950	U
88-74-4	2-Nitroaniline	900	U
131-11-3	Dimethylphthalate	810	U
208-96-8	Acenaphthylene	1000	U
606-20-2	2,6-Dinitrotoluene	1200	U
99-09-2	3-Nitroaniline	1400	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-31DL

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3500 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3500.02

Sample wt/vol: 10.59 (g/ml) G Lab File ID: BN1605.D

Level: (low/med) LOW Date Received: 04/21/98

% Moisture: 12.44 decanted:(Y/N) N Date Extracted: 04/22/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/05/98

Injection Volume: 1.0 (uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	940	U
51-28-5	2,4-Dinitrophenol	5400	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	2500	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1500	U
534-52-1	4,6-Dinitro-2-methylphenol	5400	U
86-30-6	n-Nitrosodiphenylamine	990	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	930	U
118-74-1	Hexachlorobenzene	1400	U
87-86-5	Pentachlorophenol	1600	U
85-01-8	Phenanthrene	1000	U
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	26000	BD
206-44-0	Fluoranthene	1000	U
92-87-5	Benzidine	4900	U
129-00-0	Pyrene	1200	U
85-68-7	Butylbenzylphthalate	1400	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1900	U
218-01-9	Chrysene	1400	U
117-81-7	bis(2-Ethylhexyl)phthalate	1500	U
117-84-0	Di-n-octylphthalate	1500	U
205-99-2	Benzo[b]fluoranthene	1300	U
207-08-9	Benzo[k]fluoranthene	980	U
50-32-8	Benzo[a]pyrene	1000	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1300	U
191-24-2	Benzo[g,h,i]perylene	1300	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-32

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3500 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3500.06

Sample wt/vol: 10.28 (g/ml) G Lab File ID: BN1566.D

Level: (low/med) LOW Date Received: 04/21/98

% Moisture: 13.57 decanted:(Y/N) N Date Extracted: 04/22/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/30/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	340	U
62-75-9	N-nitroso-dimethylamine	230	U
62-53-3	Aniline	250	U
108-95-2	Phenol	370	U
111-44-4	bis(2-Chloroethyl)ether	240	U
95-57-8	2-Chlorophenol	210	U
541-73-1	1,3-Dichlorobenzene	230	U
106-46-7	1,4-Dichlorobenzene	330	U
100-51-6	Benzyl alcohol	300	U
95-50-1	1,2-Dichlorobenzene	270	U
	2-Methylphenol	230	U
108-60-1	bis(2-chloroisopropyl)ether	280	U
	4-Methylphenol	300	U
621-64-7	n-Nitroso-di-n-propylamine	270	U
67-72-1	Hexachloroethane	240	U
98-95-3	Nitrobenzene	300	U
78-59-1	Isophorone	290	U
88-75-5	2-Nitrophenol	190	U
105-67-9	2,4-Dimethylphenol	330	U
111-91-1	bis(2-Chloroethoxy)methane	130	U
120-83-2	2,4-Dichlorophenol	180	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	290	U
91-20-3	Naphthalene	270	U
106-47-8	4-Chloroaniline	330	U
87-68-3	Hexachlorobutadiene	280	U
59-50-7	4-Chloro-3-methylphenol	220	U
91-57-6	2-Methylnaphthalene	310	U
77-47-4	Hexachlorocyclopentadiene	64	U
88-06-2	2,4,6-Trichlorophenol	210	U
	2,4,5-Trichlorophenol	240	U
91-58-7	2-Chloronaphthalene	200	U
88-74-4	2-Nitroaniline	190	U
131-11-3	Dimethylphthalate	170	U
208-96-8	Acenaphthylene	220	U
606-20-2	2,6-Dinitrotoluene	260	U
99-09-2	3-Nitroaniline	280	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-32

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3500 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3500.06

Sample wt/vol: 10.28 (g/ml) G Lab File ID: BN1566.D

Level: (low/med) LOW Date Received: 04/21/98

% Moisture: 13.57 decanted:(Y/N) N Date Extracted: 04/22/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/30/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	200	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	210	U
100-02-7	4-Nitrophenol	520	U
121-14-2	2,4-Dinitrotoluene	210	U
84-66-2	Diethylphthalate	140	J
86-73-7	Fluorene	210	U
7005-72-3	4-Chlorophenyl-phenylether	210	U
100-01-6	4-Nitroaniline	320	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	210	U
103-33-3	Azobenzene	210	U
101-55-3	4-Bromophenyl-phenylether	190	U
118-74-1	Hexachlorobenzene	300	U
87-86-5	Pentachlorophenol	330	U
85-01-8	Phenanthrene	170	J
120-12-7	Anthracene	220	U
84-74-2	Di-n-butylphthalate	2500	B
206-44-0	Fluoranthene	250	
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	270	
85-68-7	Butylbenzylphthalate	280	U
56-55-3	Benzo[a]anthracene	170	J
91-94-1	3,3'-Dichlorobenzidine	390	U
218-01-9	Chrysene	300	
117-81-7	bis(2-Ethylhexyl)phthalate	160	JB
117-84-0	Di-n-octylphthalate	320	U
205-99-2	Benzo[b]fluoranthene	160	J
207-08-9	Benzo[k]fluoranthene	150	J
50-32-8	Benzo[a]pyrene	170	J
193-39-5	Indeno[1,2,3-cd]pyrene	120	J
53-70-3	Dibenz[a,h]anthracene	270	U
191-24-2	Benzo[g,h,i]perylene	270	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-32

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3500 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3500.06

Sample wt/vol: 10.28 (g/ml) G Lab File ID: BN1566.D

Level: (low/med) LOW Date Received: 04/21/98

% Moisture: 13.57 decanted: (Y/N) N Date Extracted: 04/22/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/30/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 4 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	3.31	1300	J
2.	unknown	14.99	1600	J
3. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	20.99	11000	JN
4. 000112-92-5	1-Octadecanol	26.40	3800	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-33

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3500 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3500.10

Sample wt/vol: 10.43 (g/ml) G Lab File ID: BN1567.D

Level: (low/med) LOW Date Received: 04/21/98

% Moisture: 12.63 decanted:(Y/N) N Date Extracted: 04/22/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/30/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	330	U
62-75-9	N-nitroso-dimethylamine	220	U
62-53-3	Aniline	240	U
108-95-2	Phenol	370	U
111-44-4	bis(2-Chloroethyl)ether	230	U
95-57-8	2-Chlorophenol	210	U
541-73-1	1,3-Dichlorobenzene	230	U
106-46-7	1,4-Dichlorobenzene	320	U
100-51-6	Benzyl alcohol	290	U
95-50-1	1,2-Dichlorobenzene	260	U
	2-Methylphenol	220	U
108-60-1	bis(2-chloroisopropyl)ether	280	U
	4-Methylphenol	290	U
621-64-7	n-Nitroso-di-n-propylamine	270	U
67-72-1	Hexachloroethane	230	U
98-95-3	Nitrobenzene	290	U
78-59-1	Isophorone	280	U
88-75-5	2-Nitrophenol	180	U
105-67-9	2,4-Dimethylphenol	320	U
111-91-1	bis(2-Chloroethoxy)methane	130	U
120-83-2	2,4-Dichlorophenol	170	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	290	U
91-20-3	Naphthalene	270	U
106-47-8	4-Chloroaniline	320	U
87-68-3	Hexachlorobutadiene	270	U
59-50-7	4-Chloro-3-methylphenol	210	U
91-57-6	2-Methylnaphthalene	110	J
77-47-4	Hexachlorocyclopentadiene	63	U
88-06-2	2,4,6-Trichlorophenol	210	U
	2,4,5-Trichlorophenol	230	U
91-58-7	2-Chloronaphthalene	190	U
88-74-4	2-Nitroaniline	180	U
131-11-3	Dimethylphthalate	170	U
208-96-8	Acenaphthylene	210	U
606-20-2	2,6-Dinitrotoluene	250	U
99-09-2	3-Nitroaniline	280	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-33

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3500 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3500.10

Sample wt/vol: 10.43 (g/ml) G Lab File ID: BN1567.D

Level: (low/med) LOW Date Received: 04/21/98

% Moisture: 12.63 decanted:(Y/N) N Date Extracted: 04/22/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/30/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	190	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	200	U
100-02-7	4-Nitrophenol	500	U
121-14-2	2,4-Dinitrotoluene	200	U
84-66-2	Diethylphthalate	300	
86-73-7	Fluorene	210	U
7005-72-3	4-Chlorophenyl-phenylether	210	U
100-01-6	4-Nitroaniline	310	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	200	U
103-33-3	Azobenzene	210	U
101-55-3	4-Bromophenyl-phenylether	190	U
118-74-1	Hexachlorobenzene	290	U
87-86-5	Pentachlorophenol	320	U
85-01-8	Phenanthrene	350	
120-12-7	Anthracene	210	U
84-74-2	Di-n-butylphthalate	1000	B
206-44-0	Fluoranthene	550	
92-87-5	Benzidine	990	U
129-00-0	Pyrene	520	
85-68-7	Butylbenzylphthalate	280	U
56-55-3	Benzo[a]anthracene	320	
91-94-1	3,3'-Dichlorobenzidine	380	U
218-01-9	Chrysene	600	
117-81-7	bis(2-Ethylhexyl)phthalate	150	JB
117-84-0	Di-n-octylphthalate	310	U
205-99-2	Benzo[b]fluoranthene	350	
207-08-9	Benzo[k]fluoranthene	360	
50-32-8	Benzo[a]pyrene	370	
193-39-5	Indeno[1,2,3-cd]pyrene	260	
53-70-3	Dibenz[a,h]anthracene	260	U
191-24-2	Benzo[g,h,i]perylene	230	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-33

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3500 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3500.10

Sample wt/vol: 10.43 (g/ml) G Lab File ID: BN1567.D

Level: (low/med) LOW Date Received: 04/21/98

% Moisture: 12.63 decanted: (Y/N) N Date Extracted: 04/22/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/30/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 4 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	6.51	920	J
2.	unknown	14.99	940	J
3. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	20.99	6800	JN
4. 074685-30-6	5-Eicosene, (E)-	26.40	2900	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-34

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3500 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3500.14

Sample wt/vol: 10.56 (g/ml) G Lab File ID: BN1568.D

Level: (low/med) LOW Date Received: 04/21/98

% Moisture: 16.99 decanted:(Y/N) N Date Extracted: 04/22/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/30/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	340	U
62-75-9	N-nitroso-dimethylamine	230	U
62-53-3	Aniline	250	U
108-95-2	Phenol	380	U
111-44-4	bis(2-Chloroethyl)ether	240	U
95-57-8	2-Chlorophenol	220	U
541-73-1	1,3-Dichlorobenzene	240	U
106-46-7	1,4-Dichlorobenzene	330	U
100-51-6	Benzyl alcohol	300	U
95-50-1	1,2-Dichlorobenzene	270	U
	2-Methylphenol	230	U
108-60-1	bis(2-chloroisopropyl)ether	290	U
	4-Methylphenol	300	U
621-64-7	n-Nitroso-di-n-propylamine	280	U
67-72-1	Hexachloroethane	240	U
98-95-3	Nitrobenzene	310	U
78-59-1	Isophorone	290	U
88-75-5	2-Nitrophenol	190	U
105-67-9	2,4-Dimethylphenol	330	U
111-91-1	bis(2-Chloroethoxy)methane	140	U
120-83-2	2,4-Dichlorophenol	180	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	300	U
91-20-3	Naphthalene	280	U
106-47-8	4-Chloroaniline	330	U
87-68-3	Hexachlorobutadiene	280	U
59-50-7	4-Chloro-3-methylphenol	220	U
91-57-6	2-Methylnaphthalene	310	U
77-47-4	Hexachlorocyclopentadiene	65	U
88-06-2	2,4,6-Trichlorophenol	210	U
	2,4,5-Trichlorophenol	240	U
91-58-7	2-Chloronaphthalene	200	U
88-74-4	2-Nitroaniline	190	U
131-11-3	Dimethylphthalate	170	U
208-96-8	Acenaphthylene	220	U
606-20-2	2,6-Dinitrotoluene	260	U
99-09-2	3-Nitroaniline	290	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-34

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3500 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3500.14

Sample wt/vol: 10.56 (g/ml) G Lab File ID: BN1568.D

Level: (low/med) LOW Date Received: 04/21/98

% Moisture: 16.99 decanted:(Y/N) N Date Extracted: 04/22/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/30/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	200	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	210	U
100-02-7	4-Nitrophenol	520	U
121-14-2	2,4-Dinitrotoluene	210	U
84-66-2	Diethylphthalate	180	J
86-73-7	Fluorene	220	U
7005-72-3	4-Chlorophenyl-phenylether	210	U
100-01-6	4-Nitroaniline	320	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	210	U
103-33-3	Azobenzene	220	U
101-55-3	4-Bromophenyl-phenylether	200	U
118-74-1	Hexachlorobenzene	300	U
87-86-5	Pentachlorophenol	340	U
85-01-8	Phenanthrene	280	
120-12-7	Anthracene	220	U
84-74-2	Di-n-butylphthalate	1400	B
206-44-0	Fluoranthene	570	
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	460	
85-68-7	Butylbenzylphthalate	290	U
56-55-3	Benzo[a]anthracene	350	
91-94-1	3,3'-Dichlorobenzidine	390	U
218-01-9	Chrysene	570	
117-81-7	bis(2-Ethylhexyl)phthalate	360	B
117-84-0	Di-n-octylphthalate	320	U
205-99-2	Benzo[b]fluoranthene	420	
207-08-9	Benzo[k]fluoranthene	340	
50-32-8	Benzo[a]pyrene	390	
193-39-5	Indeno[1,2,3-cd]pyrene	300	
53-70-3	Dibenz[a,h]anthracene	270	U
191-24-2	Benzo[g,h,i]perylene	250	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-34

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3500 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3500.14

Sample wt/vol: 10.56 (g/ml) G Lab File ID: BN1568.D

Level: (low/med) LOW Date Received: 04/21/98

% Moisture: 16.99 decanted: (Y/N) N Date Extracted: 04/22/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/30/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 6

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000141-79-7	3-Penten-2-one, 4-methyl-	5.64	2100	JN
2.	unknown	6.59	18000	J
3.	unknown	14.99	1500	J
4. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	20.98	5600	JN
5. 000629-96-9	1-Eicosanol	26.41	3900	JN
6.	unknown	28.91	920	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-35

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3500 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3500.18

Sample wt/vol: 10.68 (g/ml) G Lab File ID: BN1569.D

Level: (low/med) LOW Date Received: 04/21/98

% Moisture: 12.53 decanted:(Y/N) N Date Extracted: 04/22/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/30/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	320	U
62-75-9	N-nitroso-dimethylamine	210	U
62-53-3	Aniline	230	U
108-95-2	Phenol	360	U
111-44-4	bis(2-Chloroethyl)ether	220	U
95-57-8	2-Chlorophenol	200	U
541-73-1	1,3-Dichlorobenzene	220	U
106-46-7	1,4-Dichlorobenzene	310	U
100-51-6	Benzyl alcohol	290	U
95-50-1	1,2-Dichlorobenzene	250	U
	2-Methylphenol	220	U
108-60-1	bis(2-chloroisopropyl)ether	270	U
	4-Methylphenol	290	U
621-64-7	n-Nitroso-di-n-propylamine	260	U
67-72-1	Hexachloroethane	220	U
98-95-3	Nitrobenzene	290	U
78-59-1	Isophorone	270	U
88-75-5	2-Nitrophenol	180	U
105-67-9	2,4-Dimethylphenol	310	U
111-91-1	bis(2-Chloroethoxy)methane	130	U
120-83-2	2,4-Dichlorophenol	170	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	280	U
91-20-3	Naphthalene	260	U
106-47-8	4-Chloroaniline	310	U
87-68-3	Hexachlorobutadiene	270	U
59-50-7	4-Chloro-3-methylphenol	210	U
91-57-6	2-Methylnaphthalene	120	J
77-47-4	Hexachlorocyclopentadiene	61	U
88-06-2	2,4,6-Trichlorophenol	200	U
	2,4,5-Trichlorophenol	220	U
91-58-7	2-Chloronaphthalene	190	U
88-74-4	2-Nitroaniline	180	U
131-11-3	Dimethylphthalate	160	U
208-96-8	Acenaphthylene	210	U
606-20-2	2,6-Dinitrotoluene	240	U
99-09-2	3-Nitroaniline	270	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-35

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3500 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3500.18

Sample wt/vol: 10.68 (g/ml) G Lab File ID: BN1569.D

Level: (low/med) LOW Date Received: 04/21/98

% Moisture: 12.53 decanted:(Y/N) N Date Extracted: 04/22/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/30/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	190	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	200	U
100-02-7	4-Nitrophenol	490	U
121-14-2	2,4-Dinitrotoluene	200	U
84-66-2	Diethylphthalate	220	U
86-73-7	Fluorene	200	U
7005-72-3	4-Chlorophenyl-phenylether	200	U
100-01-6	4-Nitroaniline	300	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	200	U
103-33-3	Azobenzene	200	U
101-55-3	4-Bromophenyl-phenylether	190	U
118-74-1	Hexachlorobenzene	280	U
87-86-5	Pentachlorophenol	320	U
85-01-8	Phenanthrene	670	
120-12-7	Anthracene	210	U
84-74-2	Di-n-butylphthalate	6800	B
206-44-0	Fluoranthene	1300	
92-87-5	Benzidine	970	U
129-00-0	Pyrene	1100	
85-68-7	Butylbenzylphthalate	270	U
56-55-3	Benzo[a]anthracene	690	
91-94-1	3,3'-Dichlorobenzidine	370	U
218-01-9	Chrysene	1200	
117-81-7	bis(2-Ethylhexyl)phthalate	130	JB
117-84-0	Di-n-octylphthalate	300	U
205-99-2	Benzo[b]fluoranthene	840	
207-08-9	Benzo[k]fluoranthene	700	
50-32-8	Benzo[a]pyrene	720	
193-39-5	Indeno[1,2,3-cd]pyrene	490	
53-70-3	Dibenz[a,h]anthracene	200	J
191-24-2	Benzo[g,h,i]perylene	400	

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-35

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3500 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3500.18

Sample wt/vol: 10.68 (g/ml) G Lab File ID: BN1569.D

Level: (low/med) LOW Date Received: 04/21/98

% Moisture: 12.53 decanted: (Y/N) N Date Extracted: 04/22/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/30/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	20.97	920	JN
2. 000629-96-9	1-Eicosanol	26.40	5000	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-36

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3501 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3501.02

Sample wt/vol: 10.72 (g/ml) G Lab File ID: BN1578.D

Level: (low/med) LOW Date Received: 04/22/98

% Moisture: 9.49 decanted:(Y/N) N Date Extracted: 04/23/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/30/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	310	U
62-75-9	N-nitroso-dimethylamine	210	U
62-53-3	Aniline	220	U
108-95-2	Phenol	340	U
111-44-4	bis(2-Chloroethyl)ether	220	U
95-57-8	2-Chlorophenol	200	U
541-73-1	1,3-Dichlorobenzene	210	U
106-46-7	1,4-Dichlorobenzene	300	U
100-51-6	Benzyl alcohol	280	U
95-50-1	1,2-Dichlorobenzene	240	U
	2-Methylphenol	210	U
108-60-1	bis(2-chloroisopropyl)ether	260	U
	4-Methylphenol	280	U
621-64-7	n-Nitroso-di-n-propylamine	250	U
67-72-1	Hexachloroethane	220	U
98-95-3	Nitrobenzene	280	U
78-59-1	Isophorone	260	U
88-75-5	2-Nitrophenol	170	U
105-67-9	2,4-Dimethylphenol	300	U
111-91-1	bis(2-Chloroethoxy)methane	120	U
120-83-2	2,4-Dichlorophenol	160	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	270	U
91-20-3	Naphthalene	250	U
106-47-8	4-Chloroaniline	300	U
87-68-3	Hexachlorobutadiene	260	U
59-50-7	4-Chloro-3-methylphenol	200	U
91-57-6	2-Methylnaphthalene	280	U
77-47-4	Hexachlorocyclopentadiene	59	U
88-06-2	2,4,6-Trichlorophenol	190	U
	2,4,5-Trichlorophenol	220	U
91-58-7	2-Chloronaphthalene	180	U
88-74-4	2-Nitroaniline	170	U
131-11-3	Dimethylphthalate	160	U
208-96-8	Acenaphthylene	200	U
606-20-2	2,6-Dinitrotoluene	230	U
99-09-2	3-Nitroaniline	260	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-36

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3501 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3501.02

Sample wt/vol: 10.72 (g/ml) G Lab File ID: BN1578.D

Level: (low/med) LOW Date Received: 04/22/98

% Moisture: 9.49 decanted:(Y/N) N Date Extracted: 04/23/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/30/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	180	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	190	U
100-02-7	4-Nitrophenol	470	U
121-14-2	2,4-Dinitrotoluene	190	U
84-66-2	Diethylphthalate	210	U
86-73-7	Fluorene	200	U
7005-72-3	4-Chlorophenyl-phenylether	190	U
100-01-6	4-Nitroaniline	290	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	190	U
103-33-3	Azobenzene	200	U
101-55-3	4-Bromophenyl-phenylether	180	U
118-74-1	Hexachlorobenzene	270	U
87-86-5	Pentachlorophenol	300	U
85-01-8	Phenanthrene	210	
120-12-7	Anthracene	200	U
84-74-2	Di-n-butylphthalate	3300	B
206-44-0	Fluoranthene	220	
92-87-5	Benzidine	930	U
129-00-0	Pyrene	330	
85-68-7	Butylbenzylphthalate	260	U
56-55-3	Benzo[a]anthracene	140	J
91-94-1	3,3'-Dichlorobenzidine	350	U
218-01-9	Chrysene	280	
117-81-7	bis(2-Ethylhexyl)phthalate	130	JB
117-84-0	Di-n-octylphthalate	290	U
205-99-2	Benzo[b]fluoranthene	110	J
207-08-9	Benzo[k]fluoranthene	120	J
50-32-8	Benzo[a]pyrene	120	J
193-39-5	Indeno[1,2,3-cd]pyrene	210	U
53-70-3	Dibenz[a,h]anthracene	250	U
191-24-2	Benzo[g,h,i]perylene	250	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-36

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3501 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3501.02

Sample wt/vol: 10.72 (g/ml) G Lab File ID: BN1578.D

Level: (low/med) LOW Date Received: 04/22/98

% Moisture: 9.49 decanted: (Y/N) N Date Extracted: 04/23/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/30/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 1

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 019047-85-9	Phosphonic acid, dioctadecyl est	26.40	6000	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-37

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3501 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3501.06

Sample wt/vol: 10.91 (g/ml) G Lab File ID: BN1579.D

Level: (low/med) LOW Date Received: 04/22/98

% Moisture: 10.86 decanted:(Y/N) N Date Extracted: 04/23/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/30/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	310	U
62-75-9	N-nitroso-dimethylamine	210	U
62-53-3	Aniline	220	U
108-95-2	Phenol	340	U
111-44-4	bis(2-Chloroethyl)ether	220	U
95-57-8	2-Chlorophenol	200	U
541-73-1	1,3-Dichlorobenzene	210	U
106-46-7	1,4-Dichlorobenzene	300	U
100-51-6	Benzyl alcohol	270	U
95-50-1	1,2-Dichlorobenzene	240	U
	2-Methylphenol	210	U
108-60-1	bis(2-chloroisopropyl)ether	260	U
	4-Methylphenol	270	U
621-64-7	n-Nitroso-di-n-propylamine	250	U
67-72-1	Hexachloroethane	220	U
98-95-3	Nitrobenzene	280	U
78-59-1	Isophorone	260	U
88-75-5	2-Nitrophenol	170	U
105-67-9	2,4-Dimethylphenol	300	U
111-91-1	bis(2-Chloroethoxy)methane	120	U
120-83-2	2,4-Dichlorophenol	160	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	270	U
91-20-3	Naphthalene	250	U
106-47-8	4-Chloroaniline	300	U
87-68-3	Hexachlorobutadiene	260	U
59-50-7	4-Chloro-3-methylphenol	200	U
91-57-6	2-Methylnaphthalene	280	U
77-47-4	Hexachlorocyclopentadiene	59	U
88-06-2	2,4,6-Trichlorophenol	190	U
	2,4,5-Trichlorophenol	220	U
91-58-7	2-Chloronaphthalene	180	U
88-74-4	2-Nitroaniline	170	U
131-11-3	Dimethylphthalate	160	U
208-96-8	Acenaphthylene	200	U
606-20-2	2,6-Dinitrotoluene	230	U
99-09-2	3-Nitroaniline	260	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-37

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3501 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3501.06

Sample wt/vol: 10.91 (g/ml) G Lab File ID: BN1579.D

Level: (low/med) LOW Date Received: 04/22/98

% Moisture: 10.86 decanted:(Y/N) N Date Extracted: 04/23/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/30/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	180	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	190	U
100-02-7	4-Nitrophenol	470	U
121-14-2	2,4-Dinitrotoluene	190	U
84-66-2	Diethylphthalate	210	U
86-73-7	Fluorene	200	U
7005-72-3	4-Chlorophenyl-phenylether	190	U
100-01-6	4-Nitroaniline	290	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	190	U
103-33-3	Azobenzene	200	U
101-55-3	4-Bromophenyl-phenylether	180	U
118-74-1	Hexachlorobenzene	270	U
87-86-5	Pentachlorophenol	300	U
85-01-8	Phenanthrene	200	U
120-12-7	Anthracene	200	U
84-74-2	Di-n-butylphthalate	4700	B
206-44-0	Fluoranthene	200	U
92-87-5	Benzidine	930	U
129-00-0	Pyrene	230	U
85-68-7	Butylbenzylphthalate	260	U
56-55-3	Benzo[a]anthracene	200	U
91-94-1	3,3'-Dichlorobenzidine	350	U
218-01-9	Chrysene	260	U
117-81-7	bis(2-Ethylhexyl)phthalate	130	JB
117-84-0	Di-n-octylphthalate	290	U
205-99-2	Benzo[b]fluoranthene	250	U
207-08-9	Benzo[k]fluoranthene	190	U
50-32-8	Benzo[a]pyrene	190	U
193-39-5	Indeno[1,2,3-cd]pyrene	210	U
53-70-3	Dibenz[a,h]anthracene	250	U
191-24-2	Benzo[g,h,i]perylene	250	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-37

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3501 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3501.06

Sample wt/vol: 10.91 (g/ml) G Lab File ID: BN1579.D

Level: (low/med) LOW Date Received: 04/22/98

% Moisture: 10.86 decanted: (Y/N) N Date Extracted: 04/23/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/30/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	20.97	1300	JN
2. 000629-96-9	1-Eicosanol	26.41	5800	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-38

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3501 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3501.10

Sample wt/vol: 10.27 (g/ml) G Lab File ID: BN1580.D

Level: (low/med) LOW Date Received: 04/22/98

% Moisture: 12.85 decanted:(Y/N) N Date Extracted: 04/23/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/30/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	330	U
62-75-9	N-nitroso-dimethylamine	220	U
62-53-3	Aniline	240	U
108-95-2	Phenol	370	U
111-44-4	bis(2-Chloroethyl)ether	230	U
95-57-8	2-Chlorophenol	210	U
541-73-1	1,3-Dichlorobenzene	230	U
106-46-7	1,4-Dichlorobenzene	330	U
100-51-6	Benzyl alcohol	300	U
95-50-1	1,2-Dichlorobenzene	260	U
	2-Methylphenol	230	U
108-60-1	bis(2-chloroisopropyl)ether	280	U
	4-Methylphenol	300	U
621-64-7	n-Nitroso-di-n-propylamine	270	U
67-72-1	Hexachloroethane	230	U
98-95-3	Nitrobenzene	300	U
78-59-1	Isophorone	290	U
88-75-5	2-Nitrophenol	190	U
105-67-9	2,4-Dimethylphenol	330	U
111-91-1	bis(2-Chloroethoxy)methane	130	U
120-83-2	2,4-Dichlorophenol	180	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	290	U
91-20-3	Naphthalene	270	U
106-47-8	4-Chloroaniline	330	U
87-68-3	Hexachlorobutadiene	280	U
59-50-7	4-Chloro-3-methylphenol	220	U
91-57-6	2-Methylnaphthalene	310	U
77-47-4	Hexachlorocyclopentadiene	64	U
88-06-2	2,4,6-Trichlorophenol	210	U
	2,4,5-Trichlorophenol	230	U
91-58-7	2-Chloronaphthalene	200	U
88-74-4	2-Nitroaniline	190	U
131-11-3	Dimethylphthalate	170	U
208-96-8	Acenaphthylene	210	U
606-20-2	2,6-Dinitrotoluene	250	U
99-09-2	3-Nitroaniline	280	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-38

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3501 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3501.10

Sample wt/vol: 10.27 (g/ml) G Lab File ID: BN1580.D

Level: (low/med) LOW Date Received: 04/22/98

% Moisture: 12.85 decanted:(Y/N) N Date Extracted: 04/23/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/30/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	200	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	210	U
100-02-7	4-Nitrophenol	510	U
121-14-2	2,4-Dinitrotoluene	210	U
84-66-2	Diethylphthalate	230	U
86-73-7	Fluorene	210	U
7005-72-3	4-Chlorophenyl-phenylether	210	U
100-01-6	4-Nitroaniline	320	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	200	U
103-33-3	Azobenzene	210	U
101-55-3	4-Bromophenyl-phenylether	190	U
118-74-1	Hexachlorobenzene	290	U
87-86-5	Pentachlorophenol	330	U
85-01-8	Phenanthrene	220	U
120-12-7	Anthracene	220	U
84-74-2	Di-n-butylphthalate	6100	B
206-44-0	Fluoranthene	220	U
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	250	U
85-68-7	Butylbenzylphthalate	280	U
56-55-3	Benzo[a]anthracene	220	U
91-94-1	3,3'-Dichlorobenzidine	380	U
218-01-9	Chrysene	280	U
117-81-7	bis(2-Ethylhexyl)phthalate	150	JB
117-84-0	Di-n-octylphthalate	320	U
205-99-2	Benzo[b]fluoranthene	270	U
207-08-9	Benzo[k]fluoranthene	200	U
50-32-8	Benzo[a]pyrene	210	U
193-39-5	Indeno[1,2,3-cd]pyrene	230	U
53-70-3	Dibenz[a,h]anthracene	270	U
191-24-2	Benzo[g,h,i]perylene	270	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-38

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3501 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3501.10

Sample wt/vol: 10.27 (g/ml) G Lab File ID: BN1580.D

Level: (low/med) LOW Date Received: 04/22/98

% Moisture: 12.85 decanted: (Y/N) N Date Extracted: 04/23/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/30/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	20.97	1000	JN
2. 000112-92-5	1-Octadecanol	26.40	6300	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-39

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3501 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3501.14

Sample wt/vol: 10.83 (g/ml) G Lab File ID: BN1606.D

Level: (low/med) LOW Date Received: 04/22/98

% Moisture: 14.25 decanted:(Y/N) N Date Extracted: 04/23/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/05/98

Injection Volume: 1.0 (uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1600	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1200	U
108-95-2	Phenol	1800	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1000	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1600	U
100-51-6	Benzyl alcohol	1400	U
95-50-1	1,2-Dichlorobenzene	1300	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1400	U
	4-Methylphenol	1400	U
621-64-7	n-Nitroso-di-n-propylamine	1300	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1400	U
78-59-1	Isophorone	1400	U
88-75-5	2-Nitrophenol	900	U
105-67-9	2,4-Dimethylphenol	1600	U
111-91-1	bis(2-Chloroethoxy)methane	640	U
120-83-2	2,4-Dichlorophenol	850	U
65-85-0	Benzoic Acid	5400	U
120-82-1	1,2,4-Trichlorobenzene	1400	U
91-20-3	Naphthalene	1300	U
106-47-8	4-Chloroaniline	1600	U
87-68-3	Hexachlorobutadiene	1300	U
59-50-7	4-Chloro-3-methylphenol	1000	U
91-57-6	2-Methylnaphthalene	1500	U
77-47-4	Hexachlorocyclopentadiene	310	U
88-06-2	2,4,6-Trichlorophenol	1000	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	950	U
88-74-4	2-Nitroaniline	890	U
131-11-3	Dimethylphthalate	810	U
208-96-8	Acenaphthylene	1000	U
606-20-2	2,6-Dinitrotoluene	1200	U
99-09-2	3-Nitroaniline	1400	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-39

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3501 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3501.14

Sample wt/vol: 10.83 (g/ml) G Lab File ID: BN1606.D

Level: (low/med) LOW Date Received: 04/22/98

% Moisture: 14.25 decanted:(Y/N) N Date Extracted: 04/23/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/05/98

Injection Volume: 1.0 (uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	940	U
51-28-5	2,4-Dinitrophenol	5400	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	2500	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1500	U
534-52-1	4,6-Dinitro-2-methylphenol	5400	U
86-30-6	n-Nitrosodiphenylamine	990	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	930	U
118-74-1	Hexachlorobenzene	1400	U
87-86-5	Pentachlorophenol	1600	U
85-01-8	Phenanthrene	1000	U
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	35000	BD
206-44-0	Fluoranthene	1000	U
92-87-5	Benzidine	4900	U
129-00-0	Pyrene	1200	U
85-68-7	Butylbenzylphthalate	1400	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1900	U
218-01-9	Chrysene	1400	U
117-81-7	bis(2-Ethylhexyl)phthalate	1500	U
117-84-0	Di-n-octylphthalate	1500	U
205-99-2	Benzo[b]fluoranthene	1300	U
207-08-9	Benzo[k]fluoranthene	980	U
50-32-8	Benzo[a]pyrene	1000	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1300	U
191-24-2	Benzo[g,h,i]perylene	1300	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-39

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3501 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3501.14 RD

Sample wt/vol: 10.83 (g/ml) G Lab File ID: BN1606.D

Level: (low/med) LOW Date Received: 04/22/98

% Moisture: 14.25 decanted: (Y/N) N Date Extracted: 04/23/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/05/98

Injection Volume: 1.0 (uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 0 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-40

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3501 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3501.18

Sample wt/vol: 10.73 (g/ml) G Lab File ID: BN1582.D

Level: (low/med) LOW Date Received: 04/22/98

% Moisture: 12.29 decanted:(Y/N) N Date Extracted: 04/23/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/30/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	320	U
62-75-9	N-nitroso-dimethylamine	210	U
62-53-3	Aniline	230	U
108-95-2	Phenol	350	U
111-44-4	bis(2-Chloroethyl)ether	220	U
95-57-8	2-Chlorophenol	200	U
541-73-1	1,3-Dichlorobenzene	220	U
106-46-7	1,4-Dichlorobenzene	310	U
100-51-6	Benzyl alcohol	280	U
95-50-1	1,2-Dichlorobenzene	250	U
	2-Methylphenol	220	U
108-60-1	bis(2-chloroisopropyl)ether	270	U
	4-Methylphenol	280	U
621-64-7	n-Nitroso-di-n-propylamine	260	U
67-72-1	Hexachloroethane	220	U
98-95-3	Nitrobenzene	280	U
78-59-1	Isophorone	270	U
88-75-5	2-Nitrophenol	180	U
105-67-9	2,4-Dimethylphenol	310	U
111-91-1	bis(2-Chloroethoxy)methane	130	U
120-83-2	2,4-Dichlorophenol	170	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	280	U
91-20-3	Naphthalene	260	U
106-47-8	4-Chloroaniline	310	U
87-68-3	Hexachlorobutadiene	260	U
59-50-7	4-Chloro-3-methylphenol	210	U
91-57-6	2-Methylnaphthalene	290	U
77-47-4	Hexachlorocyclopentadiene	61	U
88-06-2	2,4,6-Trichlorophenol	200	U
	2,4,5-Trichlorophenol	220	U
91-58-7	2-Chloronaphthalene	190	U
88-74-4	2-Nitroaniline	180	U
131-11-3	Dimethylphthalate	160	U
208-96-8	Acenaphthylene	200	U
606-20-2	2,6-Dinitrotoluene	240	U
99-09-2	3-Nitroaniline	270	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-40

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3501 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3501.18

Sample wt/vol: 10.73 (g/ml) G Lab File ID: BN1582.D

Level: (low/med) LOW Date Received: 04/22/98

% Moisture: 12.29 decanted:(Y/N) N Date Extracted: 04/23/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/30/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	190	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	200	U
100-02-7	4-Nitrophenol	490	U
121-14-2	2,4-Dinitrotoluene	200	U
84-66-2	Diethylphthalate	220	U
86-73-7	Fluorene	200	U
7005-72-3	4-Chlorophenyl-phenylether	200	U
100-01-6	4-Nitroaniline	300	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	190	U
103-33-3	Azobenzene	200	U
101-55-3	4-Bromophenyl-phenylether	180	U
118-74-1	Hexachlorobenzene	280	U
87-86-5	Pentachlorophenol	310	U
85-01-8	Phenanthrene	210	U
120-12-7	Anthracene	210	U
84-74-2	Di-n-butylphthalate	4200	B
206-44-0	Fluoranthene	210	U
92-87-5	Benzidine	960	U
129-00-0	Pyrene	240	U
85-68-7	Butylbenzylphthalate	270	U
56-55-3	Benzo[a]anthracene	210	U
91-94-1	3,3'-Dichlorobenzidine	370	U
218-01-9	Chrysene	270	U
117-81-7	bis(2-Ethylhexyl)phthalate	290	U
117-84-0	Di-n-octylphthalate	300	U
205-99-2	Benzo[b]fluoranthene	260	U
207-08-9	Benzo[k]fluoranthene	190	U
50-32-8	Benzo[a]pyrene	200	U
193-39-5	Indeno[1,2,3-cd]pyrene	220	U
53-70-3	Dibenz[a,h]anthracene	250	U
191-24-2	Benzo[g,h,i]perylene	250	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-40

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3501 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3501.18

Sample wt/vol: 10.73 (g/ml) G Lab File ID: BN1582.D

Level: (low/med) LOW Date Received: 04/22/98

% Moisture: 12.29 decanted: (Y/N) N Date Extracted: 04/23/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 04/30/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	20.97	1000	JN
2. 019047-85-9	Phosphonic acid, dioctadecyl est	26.40	4800	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-41

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3539 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3539.02

Sample wt/vol: 10.35 (g/ml) G Lab File ID: BN1610.D

Level: (low/med) LOW Date Received: 05/01/98

% Moisture: 13.91 decanted:(Y/N) N Date Extracted: 05/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/06/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	340	U
62-75-9	N-nitroso-dimethylamine	220	U
62-53-3	Aniline	240	U
108-95-2	Phenol	370	U
111-44-4	bis(2-Chloroethyl)ether	240	U
95-57-8	2-Chlorophenol	210	U
541-73-1	1,3-Dichlorobenzene	230	U
106-46-7	1,4-Dichlorobenzene	330	U
100-51-6	Benzyl alcohol	300	U
95-50-1	1,2-Dichlorobenzene	260	U
	2-Methylphenol	230	U
108-60-1	bis(2-chloroisopropyl)ether	280	U
	4-Methylphenol	300	U
621-64-7	n-Nitroso-di-n-propylamine	270	U
67-72-1	Hexachloroethane	240	U
98-95-3	Nitrobenzene	300	U
78-59-1	Isophorone	290	U
88-75-5	2-Nitrophenol	190	U
105-67-9	2,4-Dimethylphenol	330	U
111-91-1	bis(2-Chloroethoxy)methane	130	U
120-83-2	2,4-Dichlorophenol	180	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	290	U
91-20-3	Naphthalene	180	J
106-47-8	4-Chloroaniline	330	U
87-68-3	Hexachlorobutadiene	280	U
59-50-7	4-Chloro-3-methylphenol	220	U
91-57-6	2-Methylnaphthalene	260	J
77-47-4	Hexachlorocyclopentadiene	64	U
88-06-2	2,4,6-Trichlorophenol	210	U
	2,4,5-Trichlorophenol	240	U
91-58-7	2-Chloronaphthalene	200	U
88-74-4	2-Nitroaniline	190	U
131-11-3	Dimethylphthalate	170	U
208-96-8	Acenaphthylene	220	U
606-20-2	2,6-Dinitrotoluene	260	U
99-09-2	3-Nitroaniline	280	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-41

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3539 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3539.02

Sample wt/vol: 10.35 (g/ml) G Lab File ID: BN1610.D

Level: (low/med) LOW Date Received: 05/01/98

% Moisture: 13.91 decanted:(Y/N) N Date Extracted: 05/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/06/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	200	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	210	U
100-02-7	4-Nitrophenol	520	U
121-14-2	2,4-Dinitrotoluene	210	U
84-66-2	Diethylphthalate	230	U
86-73-7	Fluorene	210	U
7005-72-3	4-Chlorophenyl-phenylether	210	U
100-01-6	4-Nitroaniline	320	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	210	U
103-33-3	Azobenzene	210	U
101-55-3	4-Bromophenyl-phenylether	190	U
118-74-1	Hexachlorobenzene	300	U
87-86-5	Pentachlorophenol	330	U
85-01-8	Phenanthrene	350	
120-12-7	Anthracene	220	U
84-74-2	Di-n-butylphthalate	1100	B
206-44-0	Fluoranthene	340	
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	310	
85-68-7	Butylbenzylphthalate	280	U
56-55-3	Benzo[a]anthracene	150	J
91-94-1	3,3'-Dichlorobenzidine	390	U
218-01-9	Chrysene	410	
117-81-7	bis(2-Ethylhexyl)phthalate	150	JB
117-84-0	Di-n-octylphthalate	320	U
205-99-2	Benzo[b]fluoranthene	250	J
207-08-9	Benzo[k]fluoranthene	180	J
50-32-8	Benzo[a]pyrene	160	J
193-39-5	Indeno[1,2,3-cd]pyrene	130	J
53-70-3	Dibenz[a,h]anthracene	270	U
191-24-2	Benzo[g,h,i]perylene	120	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-41

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3539 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3539.02

Sample wt/vol: 10.35 (g/ml) G Lab File ID: BN1610.D

Level: (low/med) LOW Date Received: 05/01/98

% Moisture: 13.91 decanted: (Y/N) N Date Extracted: 05/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/06/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 8 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	19.48	900	J
2. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	20.96	1700	JN
3. 000057-10-3	Hexadecanoic acid	21.80	1200	JN
4. 001599-67-3	1-Docosene	26.40	10000	JN
5. 000112-88-9	1-Octadecene	27.91	990	JN
6.	unknown	28.59	1400	J
7. 000629-96-9	1-Eicosanol	30.97	1700	JN
8.	unknown	31.99	1300	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-42

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3539 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3539.06

Sample wt/vol: 10.38 (g/ml) G Lab File ID: BN1613.D

Level: (low/med) LOW Date Received: 05/01/98

% Moisture: 12.35 decanted:(Y/N) N Date Extracted: 05/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/06/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	330	U
62-75-9	N-nitroso-dimethylamine	220	U
62-53-3	Aniline	240	U
108-95-2	Phenol	370	U
111-44-4	bis(2-Chloroethyl)ether	230	U
95-57-8	2-Chlorophenol	210	U
541-73-1	1,3-Dichlorobenzene	230	U
106-46-7	1,4-Dichlorobenzene	320	U
100-51-6	Benzyl alcohol	290	U
95-50-1	1,2-Dichlorobenzene	260	U
	2-Methylphenol	230	U
108-60-1	bis(2-chloroisopropyl)ether	280	U
	4-Methylphenol	290	U
621-64-7	n-Nitroso-di-n-propylamine	270	U
67-72-1	Hexachloroethane	230	U
98-95-3	Nitrobenzene	290	U
78-59-1	Isophorone	280	U
88-75-5	2-Nitrophenol	180	U
105-67-9	2,4-Dimethylphenol	320	U
111-91-1	bis(2-Chloroethoxy)methane	130	U
120-83-2	2,4-Dichlorophenol	170	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	290	U
91-20-3	Naphthalene	310	
106-47-8	4-Chloroaniline	320	U
87-68-3	Hexachlorobutadiene	270	U
59-50-7	4-Chloro-3-methylphenol	210	U
91-57-6	2-Methylnaphthalene	260	J
77-47-4	Hexachlorocyclopentadiene	63	U
88-06-2	2,4,6-Trichlorophenol	210	U
	2,4,5-Trichlorophenol	230	U
91-58-7	2-Chloronaphthalene	190	U
88-74-4	2-Nitroaniline	180	U
131-11-3	Dimethylphthalate	170	U
208-96-8	Acenaphthylene	210	U
606-20-2	2,6-Dinitrotoluene	250	U
99-09-2	3-Nitroaniline	280	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-42

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3539 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3539.06

Sample wt/vol: 10.38 (g/ml) G Lab File ID: BN1613.D

Level: (low/med) LOW Date Received: 05/01/98

% Moisture: 12.35 decanted:(Y/N) N Date Extracted: 05/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/06/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	190	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	200	U
100-02-7	4-Nitrophenol	500	U
121-14-2	2,4-Dinitrotoluene	200	U
84-66-2	Diethylphthalate	220	U
86-73-7	Fluorene	210	U
7005-72-3	4-Chlorophenyl-phenylether	210	U
100-01-6	4-Nitroaniline	310	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	200	U
103-33-3	Azobenzene	210	U
101-55-3	4-Bromophenyl-phenylether	190	U
118-74-1	Hexachlorobenzene	290	U
87-86-5	Pentachlorophenol	320	U
85-01-8	Phenanthrene	640	
120-12-7	Anthracene	210	U
84-74-2	Di-n-butylphthalate	800	JB
206-44-0	Fluoranthene	1300	
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	960	
85-68-7	Butylbenzylphthalate	280	U
56-55-3	Benzo[a]anthracene	650	
91-94-1	3,3'-Dichlorobenzidine	380	U
218-01-9	Chrysene	980	
117-81-7	bis(2-Ethylhexyl)phthalate	300	U
117-84-0	Di-n-octylphthalate	310	U
205-99-2	Benzo[b]fluoranthene	720	
207-08-9	Benzo[k]fluoranthene	590	
50-32-8	Benzo[a]pyrene	670	
193-39-5	Indeno[1,2,3-cd]pyrene	580	
53-70-3	Dibenz[a,h]anthracene	200	J
191-24-2	Benzo[g,h,i]perylene	500	

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-42

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3539 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3539.06

Sample wt/vol: 10.38 (g/ml) G Lab File ID: BN1613.D

Level: (low/med) LOW Date Received: 05/01/98

% Moisture: 12.35 decanted: (Y/N) N Date Extracted: 05/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/06/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 9 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000108-38-3	Benzene, 1,3-dimethyl-	7.03	1500	JN
2. 000620-14-4	Benzene, 1-ethyl-3-methyl-	8.81	940	JN
3. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	20.95	1400	JN
4. 000057-10-3	Hexadecanoic acid	21.79	1100	JN
5. 019047-85-9	Phosphonic acid, dioctadecyl est	26.39	8700	JN
6. 000593-45-3	Octadecane	27.90	970	JN
7.	unknown	28.58	1700	J
8. 000629-96-9	1-Eicosanol	30.97	1800	JN
9.	unknown	31.98	1200	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-43

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3543 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3543.02

Sample wt/vol: 10.01 (g/ml) G Lab File ID: BN1614.D

Level: (low/med) LOW Date Received: 05/04/98

% Moisture: 21.52 decanted:(Y/N) N Date Extracted: 05/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/06/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	380	U
62-75-9	N-nitroso-dimethylamine	250	U
62-53-3	Aniline	280	U
108-95-2	Phenol	420	U
111-44-4	bis(2-Chloroethyl)ether	270	U
95-57-8	2-Chlorophenol	240	U
541-73-1	1,3-Dichlorobenzene	260	U
106-46-7	1,4-Dichlorobenzene	370	U
100-51-6	Benzyl alcohol	340	U
95-50-1	1,2-Dichlorobenzene	300	U
	2-Methylphenol	260	U
108-60-1	bis(2-chloroisopropyl)ether	320	U
	4-Methylphenol	340	U
621-64-7	n-Nitroso-di-n-propylamine	310	U
67-72-1	Hexachloroethane	270	U
98-95-3	Nitrobenzene	340	U
78-59-1	Isophorone	330	U
88-75-5	2-Nitrophenol	210	U
105-67-9	2,4-Dimethylphenol	370	U
111-91-1	bis(2-Chloroethoxy)methane	150	U
120-83-2	2,4-Dichlorophenol	200	U
65-85-0	Benzoic Acid	1300	U
120-82-1	1,2,4-Trichlorobenzene	330	U
91-20-3	Naphthalene	310	U
106-47-8	4-Chloroaniline	370	U
87-68-3	Hexachlorobutadiene	320	U
59-50-7	4-Chloro-3-methylphenol	250	U
91-57-6	2-Methylnaphthalene	350	U
77-47-4	Hexachlorocyclopentadiene	73	U
88-06-2	2,4,6-Trichlorophenol	240	U
	2,4,5-Trichlorophenol	270	U
91-58-7	2-Chloronaphthalene	230	U
88-74-4	2-Nitroaniline	210	U
131-11-3	Dimethylphthalate	190	U
208-96-8	Acenaphthylene	240	U
606-20-2	2,6-Dinitrotoluene	290	U
99-09-2	3-Nitroaniline	320	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-43

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3543 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3543.02

Sample wt/vol: 10.01 (g/ml) G Lab File ID: BN1614.D

Level: (low/med) LOW Date Received: 05/04/98

% Moisture: 21.52 decanted:(Y/N) N Date Extracted: 05/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/06/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	220	U
51-28-5	2,4-Dinitrophenol	1300	U
132-64-9	Dibenzofuran	240	U
100-02-7	4-Nitrophenol	580	U
121-14-2	2,4-Dinitrotoluene	240	U
84-66-2	Diethylphthalate	260	U
86-73-7	Fluorene	240	U
7005-72-3	4-Chlorophenyl-phenylether	240	U
100-01-6	4-Nitroaniline	360	U
534-52-1	4,6-Dinitro-2-methylphenol	1300	U
86-30-6	n-Nitrosodiphenylamine	230	U
103-33-3	Azobenzene	240	U
101-55-3	4-Bromophenyl-phenylether	220	U
118-74-1	Hexachlorobenzene	340	U
87-86-5	Pentachlorophenol	380	U
85-01-8	Phenanthrene	250	U
120-12-7	Anthracene	250	U
84-74-2	Di-n-butylphthalate	400	JB
206-44-0	Fluoranthene	250	U
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	290	U
85-68-7	Butylbenzylphthalate	320	U
56-55-3	Benzo[a]anthracene	250	U
91-94-1	3,3'-Dichlorobenzidine	440	U
218-01-9	Chrysene	130	J
117-81-7	bis(2-Ethylhexyl)phthalate	350	U
117-84-0	Di-n-octylphthalate	360	U
205-99-2	Benzo[b]fluoranthene	310	U
207-08-9	Benzo[k]fluoranthene	230	U
50-32-8	Benzo[a]pyrene	240	U
193-39-5	Indeno[1,2,3-cd]pyrene	260	U
53-70-3	Dibenz[a,h]anthracene	300	U
191-24-2	Benzo[g,h,i]perylene	300	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-43

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3543 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3543.02

Sample wt/vol: 10.01 (g/ml) G Lab File ID: BN1614.D

Level: (low/med) LOW Date Received: 05/04/98

% Moisture: 21.52 decanted: (Y/N) N Date Extracted: 05/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/06/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 2

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 001599-67-3	1-Docosene	26.39	11000	JN
2.	unknown	28.58	1400	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-44

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3543 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3543.06

Sample wt/vol: 10.71 (g/ml) G Lab File ID: BN1615.D

Level: (low/med) LOW Date Received: 05/04/98

% Moisture: 19.46 decanted:(Y/N) N Date Extracted: 05/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/06/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	350	U
62-75-9	N-nitroso-dimethylamine	230	U
62-53-3	Aniline	250	U
108-95-2	Phenol	390	U
111-44-4	bis(2-Chloroethyl)ether	240	U
95-57-8	2-Chlorophenol	220	U
541-73-1	1,3-Dichlorobenzene	240	U
106-46-7	1,4-Dichlorobenzene	340	U
100-51-6	Benzyl alcohol	310	U
95-50-1	1,2-Dichlorobenzene	270	U
	2-Methylphenol	240	U
108-60-1	bis(2-chloroisopropyl)ether	290	U
	4-Methylphenol	310	U
621-64-7	n-Nitroso-di-n-propylamine	280	U
67-72-1	Hexachloroethane	240	U
98-95-3	Nitrobenzene	310	U
78-59-1	Isophorone	300	U
88-75-5	2-Nitrophenol	190	U
105-67-9	2,4-Dimethylphenol	340	U
111-91-1	bis(2-Chloroethoxy)methane	140	U
120-83-2	2,4-Dichlorophenol	180	U
65-85-0	Benzoic Acid	1200	U
120-82-1	1,2,4-Trichlorobenzene	300	U
91-20-3	Naphthalene	190	J
106-47-8	4-Chloroaniline	340	U
87-68-3	Hexachlorobutadiene	290	U
59-50-7	4-Chloro-3-methylphenol	230	U
91-57-6	2-Methylnaphthalene	160	J
77-47-4	Hexachlorocyclopentadiene	66	U
88-06-2	2,4,6-Trichlorophenol	220	U
	2,4,5-Trichlorophenol	240	U
91-58-7	2-Chloronaphthalene	210	U
88-74-4	2-Nitroaniline	190	U
131-11-3	Dimethylphthalate	180	U
208-96-8	Acenaphthylene	220	U
606-20-2	2,6-Dinitrotoluene	260	U
99-09-2	3-Nitroaniline	290	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-44

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3543 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3543.06

Sample wt/vol: 10.71 (g/ml) G Lab File ID: BN1615.D

Level: (low/med) LOW Date Received: 05/04/98

% Moisture: 19.46 decanted:(Y/N) N Date Extracted: 05/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/06/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	200	U
51-28-5	2,4-Dinitrophenol	1200	U
132-64-9	Dibenzofuran	220	U
100-02-7	4-Nitrophenol	530	U
121-14-2	2,4-Dinitrotoluene	220	U
84-66-2	Diethylphthalate	240	U
86-73-7	Fluorene	220	U
7005-72-3	4-Chlorophenyl-phenylether	220	U
100-01-6	4-Nitroaniline	330	U
534-52-1	4,6-Dinitro-2-methylphenol	1200	U
86-30-6	n-Nitrosodiphenylamine	210	U
103-33-3	Azobenzene	220	U
101-55-3	4-Bromophenyl-phenylether	200	U
118-74-1	Hexachlorobenzene	310	U
87-86-5	Pentachlorophenol	340	U
85-01-8	Phenanthrene	1300	
120-12-7	Anthracene	190	J
84-74-2	Di-n-butylphthalate	370	JB
206-44-0	Fluoranthene	2800	
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	2500	
85-68-7	Butylbenzylphthalate	290	U
56-55-3	Benzo[a]anthracene	1500	
91-94-1	3,3'-Dichlorobenzidine	400	U
218-01-9	Chrysene	2400	
117-81-7	bis(2-Ethylhexyl)phthalate	320	U
117-84-0	Di-n-octylphthalate	330	U
205-99-2	Benzo[b]fluoranthene	1600	
207-08-9	Benzo[k]fluoranthene	1500	
50-32-8	Benzo[a]pyrene	1600	
193-39-5	Indeno[1,2,3-cd]pyrene	1300	
53-70-3	Dibenz[a,h]anthracene	470	
191-24-2	Benzo[g,h,i]perylene	1200	

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-44

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3543 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3543.06

Sample wt/vol: 10.71 (g/ml) G Lab File ID: BN1615.D

Level: (low/med) LOW Date Received: 05/04/98

% Moisture: 19.46 decanted: (Y/N) N Date Extracted: 05/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/06/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 13 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000057-10-3	Hexadecanoic acid	21.79	1400	JN
2. 000544-76-3	Hexadecane	23.94	1100	JN
3. 000238-84-6	11H-Benzo[a]fluorene	24.51	1700	JN
4. 000629-99-2	Pentacosane	24.80	970	JN
5. 001599-67-3	1-Docosene	26.39	9100	JN
6. 000295-65-8	Cyclohexadecane	27.91	1500	JN
7.	unknown	28.58	1800	J
8. 000629-92-5	Nonadecane	29.29	1100	JN
9.	unknown	29.34	1700	J
10. 000192-97-2	Benzo[e]pyrene	29.55	1200	JN
11. 000630-06-8	Hexatriacontane	30.87	1400	JN
12. 000629-96-9	1-Eicosanol	30.97	2000	JN
13.	unknown	31.98	1900	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-45

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3543 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3543.10

Sample wt/vol: 10.96 (g/ml) G Lab File ID: BN1616.D

Level: (low/med) LOW Date Received: 05/04/98

% Moisture: 12.04 decanted:(Y/N) N Date Extracted: 05/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/06/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	310	U
62-75-9	N-nitroso-dimethylamine	210	U
62-53-3	Aniline	230	U
108-95-2	Phenol	350	U
111-44-4	bis(2-Chloroethyl)ether	220	U
95-57-8	2-Chlorophenol	200	U
541-73-1	1,3-Dichlorobenzene	210	U
106-46-7	1,4-Dichlorobenzene	300	U
100-51-6	Benzyl alcohol	280	U
95-50-1	1,2-Dichlorobenzene	240	U
	2-Methylphenol	210	U
108-60-1	bis(2-chloroisopropyl)ether	260	U
	4-Methylphenol	280	U
621-64-7	n-Nitroso-di-n-propylamine	250	U
67-72-1	Hexachloroethane	220	U
98-95-3	Nitrobenzene	280	U
78-59-1	Isophorone	270	U
88-75-5	2-Nitrophenol	170	U
105-67-9	2,4-Dimethylphenol	300	U
111-91-1	bis(2-Chloroethoxy)methane	120	U
120-83-2	2,4-Dichlorophenol	160	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	270	U
91-20-3	Naphthalene	250	U
106-47-8	4-Chloroaniline	300	U
87-68-3	Hexachlorobutadiene	260	U
59-50-7	4-Chloro-3-methylphenol	200	U
91-57-6	2-Methylnaphthalene	280	U
77-47-4	Hexachlorocyclopentadiene	59	U
88-06-2	2,4,6-Trichlorophenol	200	U
	2,4,5-Trichlorophenol	220	U
91-58-7	2-Chloronaphthalene	180	U
88-74-4	2-Nitroaniline	170	U
131-11-3	Dimethylphthalate	160	U
208-96-8	Acenaphthylene	200	U
606-20-2	2,6-Dinitrotoluene	240	U
99-09-2	3-Nitroaniline	260	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-45

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3543 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3543.10

Sample wt/vol: 10.96 (g/ml) G Lab File ID: BN1616.D

Level: (low/med) LOW Date Received: 05/04/98

% Moisture: 12.04 decanted:(Y/N) N Date Extracted: 05/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/06/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	180	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	190	U
100-02-7	4-Nitrophenol	480	U
121-14-2	2,4-Dinitrotoluene	190	U
84-66-2	Diethylphthalate	210	U
86-73-7	Fluorene	200	U
7005-72-3	4-Chlorophenyl-phenylether	200	U
100-01-6	4-Nitroaniline	290	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	190	U
103-33-3	Azobenzene	200	U
101-55-3	4-Bromophenyl-phenylether	180	U
118-74-1	Hexachlorobenzene	270	U
87-86-5	Pentachlorophenol	310	U
85-01-8	Phenanthrene	300	
120-12-7	Anthracene	200	U
84-74-2	Di-n-butylphthalate	290	JB
206-44-0	Fluoranthene	710	
92-87-5	Benzidine	940	U
129-00-0	Pyrene	700	
85-68-7	Butylbenzylphthalate	260	U
56-55-3	Benzo[a]anthracene	440	
91-94-1	3,3'-Dichlorobenzidine	360	U
218-01-9	Chrysene	690	
117-81-7	bis(2-Ethylhexyl)phthalate	290	U
117-84-0	Di-n-octylphthalate	290	U
205-99-2	Benzo[b]fluoranthene	480	
207-08-9	Benzo[k]fluoranthene	470	
50-32-8	Benzo[a]pyrene	500	
193-39-5	Indeno[1,2,3-cd]pyrene	470	
53-70-3	Dibenz[a,h]anthracene	160	J
191-24-2	Benzo[g,h,i]perylene	420	

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-45

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3543 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3543.10

Sample wt/vol: 10.96 (g/ml) G Lab File ID: BN1616.D

Level: (low/med) LOW Date Received: 05/04/98

% Moisture: 12.04 decanted: (Y/N) N Date Extracted: 05/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/06/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 5 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000057-10-3	Hexadecanoic acid	21.78	890	JN
2. 000629-96-9	1-Eicosanol	26.40	7200	JN
3.	unknown	28.58	1400	J
4. 000629-96-9	1-Eicosanol	30.97	1600	JN
5.	unknown	31.98	1200	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-46

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3543 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3543.14

Sample wt/vol: 10.83 (g/ml) G Lab File ID: BN1617.D

Level: (low/med) LOW Date Received: 05/04/98

% Moisture: 12.52 decanted:(Y/N) N Date Extracted: 05/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/06/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	320	U
62-75-9	N-nitroso-dimethylamine	210	U
62-53-3	Aniline	230	U
108-95-2	Phenol	350	U
111-44-4	bis(2-Chloroethyl)ether	220	U
95-57-8	2-Chlorophenol	200	U
541-73-1	1,3-Dichlorobenzene	220	U
106-46-7	1,4-Dichlorobenzene	310	U
100-51-6	Benzyl alcohol	280	U
95-50-1	1,2-Dichlorobenzene	250	U
	2-Methylphenol	220	U
108-60-1	bis(2-chloroisopropyl)ether	260	U
	4-Methylphenol	160	J
621-64-7	n-Nitroso-di-n-propylamine	260	U
67-72-1	Hexachloroethane	220	U
98-95-3	Nitrobenzene	280	U
78-59-1	Isophorone	270	U
88-75-5	2-Nitrophenol	180	U
105-67-9	2,4-Dimethylphenol	310	U
111-91-1	bis(2-Chloroethoxy)methane	130	U
120-83-2	2,4-Dichlorophenol	170	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	280	U
91-20-3	Naphthalene	260	U
106-47-8	4-Chloroaniline	310	U
87-68-3	Hexachlorobutadiene	260	U
59-50-7	4-Chloro-3-methylphenol	210	U
91-57-6	2-Methylnaphthalene	290	U
77-47-4	Hexachlorocyclopentadiene	60	U
88-06-2	2,4,6-Trichlorophenol	200	U
	2,4,5-Trichlorophenol	220	U
91-58-7	2-Chloronaphthalene	190	U
88-74-4	2-Nitroaniline	180	U
131-11-3	Dimethylphthalate	160	U
208-96-8	Acenaphthylene	200	U
606-20-2	2,6-Dinitrotoluene	240	U
99-09-2	3-Nitroaniline	260	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-46

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3543 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3543.14

Sample wt/vol: 10.83 (g/ml) G Lab File ID: BN1617.D

Level: (low/med) LOW Date Received: 05/04/98

% Moisture: 12.52 decanted:(Y/N) N Date Extracted: 05/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/06/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	180	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	200	U
100-02-7	4-Nitrophenol	480	U
121-14-2	2,4-Dinitrotoluene	200	U
84-66-2	Diethylphthalate	210	U
86-73-7	Fluorene	200	U
7005-72-3	4-Chlorophenyl-phenylether	200	U
100-01-6	4-Nitroaniline	300	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	190	U
103-33-3	Azobenzene	200	U
101-55-3	4-Bromophenyl-phenylether	180	U
118-74-1	Hexachlorobenzene	280	U
87-86-5	Pentachlorophenol	310	U
85-01-8	Phenanthrene	320	
120-12-7	Anthracene	200	U
84-74-2	Di-n-butylphthalate	1000	B
206-44-0	Fluoranthene	560	
92-87-5	Benzidine	960	U
129-00-0	Pyrene	530	
85-68-7	Butylbenzylphthalate	260	U
56-55-3	Benzo[a]anthracene	310	
91-94-1	3,3'-Dichlorobenzidine	360	U
218-01-9	Chrysene	510	
117-81-7	bis(2-Ethylhexyl)phthalate	2900	B
117-84-0	Di-n-octylphthalate	300	U
205-99-2	Benzo[b]fluoranthene	330	
207-08-9	Benzo[k]fluoranthene	350	
50-32-8	Benzo[a]pyrene	360	
193-39-5	Indeno[1,2,3-cd]pyrene	310	
53-70-3	Dibenz[a,h]anthracene	250	U
191-24-2	Benzo[g,h,i]perylene	280	

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-46

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3543 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3543.14

Sample wt/vol: 10.83 (g/ml) G Lab File ID: BN1617.D

Level: (low/med) LOW Date Received: 05/04/98

% Moisture: 12.52 decanted: (Y/N) N Date Extracted: 05/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/06/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 21 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	6.51	1500	J
2. 001599-67-3	1-Docosene	26.39	7100	JN
3. 000563-04-2	Phosphoric acid, tris(3-methylphe	27.80	3200	JN
4.	unknown	27.83	910	J
5. 000629-96-9	1-Eicosanol	27.92	1000	JN
6. 000563-04-2	Phosphoric acid, tris(3-methylphe	28.03	5100	JN
7.	unknown	28.08	1900	J
8.	unknown	28.20	1700	J
9. 001330-78-5	Phosphoric acid, tris(methylphen	28.25	4900	JN
10.	unknown	28.31	3400	J
11.	unknown	28.35	5600	J
12. 000563-04-2	Phosphoric acid, tris(3-methylphe	28.47	1300	JN
13.	unknown	28.58	11000	J
14.	unknown	28.64	1800	J
15.	unknown	28.81	2400	J
16.	unknown	28.87	1000	J
17.	unknown	28.91	2100	J
18.	unknown	29.14	1100	J
19. 000630-06-8	Hexatriacontane	29.29	860	JN
20. 000629-96-9	1-Eicosanol	30.97	1600	JN
21.	unknown	31.98	1100	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-47

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3547 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3547.02

Sample wt/vol: 10.78 (g/ml) G Lab File ID: BN1622.D

Level: (low/med) LOW Date Received: 05/05/98

% Moisture: 7.05 decanted:(Y/N) N Date Extracted: 05/06/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/07/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
110-86-1	Pyridine	300	U
62-75-9	N-nitroso-dimethylamine	200	U
62-53-3	Aniline	220	U
108-95-2	Phenol	330	U
111-44-4	bis(2-Chloroethyl)ether	210	U
95-57-8	2-Chlorophenol	190	U
541-73-1	1,3-Dichlorobenzene	210	U
106-46-7	1,4-Dichlorobenzene	290	U
100-51-6	Benzyl alcohol	270	U
95-50-1	1,2-Dichlorobenzene	240	U
	2-Methylphenol	200	U
108-60-1	bis(2-chloroisopropyl)ether	250	U
	4-Methylphenol	270	U
621-64-7	n-Nitroso-di-n-propylamine	240	U
67-72-1	Hexachloroethane	210	U
98-95-3	Nitrobenzene	270	U
78-59-1	Isophorone	260	U
88-75-5	2-Nitrophenol	170	U
105-67-9	2,4-Dimethylphenol	290	U
111-91-1	bis(2-Chloroethoxy)methane	120	U
120-83-2	2,4-Dichlorophenol	160	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	260	U
91-20-3	Naphthalene	240	U
106-47-8	4-Chloroaniline	290	U
87-68-3	Hexachlorobutadiene	250	U
59-50-7	4-Chloro-3-methylphenol	190	U
91-57-6	2-Methylnaphthalene	270	U
77-47-4	Hexachlorocyclopentadiene	57	U
88-06-2	2,4,6-Trichlorophenol	190	U
	2,4,5-Trichlorophenol	210	U
91-58-7	2-Chloronaphthalene	180	U
88-74-4	2-Nitroaniline	170	U
131-11-3	Dimethylphthalate	150	U
208-96-8	Acenaphthylene	190	U
606-20-2	2,6-Dinitrotoluene	230	U
99-09-2	3-Nitroaniline	250	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-47

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3547 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3547.02

Sample wt/vol: 10.78 (g/ml) G Lab File ID: BN1622.D

Level: (low/med) LOW Date Received: 05/05/98

% Moisture: 7.05 decanted:(Y/N) N Date Extracted: 05/06/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/07/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	170	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	190	U
100-02-7	4-Nitrophenol	460	U
121-14-2	2,4-Dinitrotoluene	190	U
84-66-2	Diethylphthalate	110	JB
86-73-7	Fluorene	190	U
7005-72-3	4-Chlorophenyl-phenylether	190	U
100-01-6	4-Nitroaniline	280	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	180	U
103-33-3	Azobenzene	190	U
101-55-3	4-Bromophenyl-phenylether	170	U
118-74-1	Hexachlorobenzene	260	U
87-86-5	Pentachlorophenol	290	U
85-01-8	Phenanthrene	190	U
120-12-7	Anthracene	190	U
84-74-2	Di-n-butylphthalate	960	B
206-44-0	Fluoranthene	190	U
92-87-5	Benzidine	900	U
129-00-0	Pyrene	230	U
85-68-7	Butylbenzylphthalate	250	U
56-55-3	Benzo[a]anthracene	200	U
91-94-1	3,3'-Dichlorobenzidine	340	U
218-01-9	Chrysene	250	U
117-81-7	bis(2-Ethylhexyl)phthalate	280	U
117-84-0	Di-n-octylphthalate	280	U
205-99-2	Benzo[b]fluoranthene	240	U
207-08-9	Benzo[k]fluoranthene	180	U
50-32-8	Benzo[a]pyrene	190	U
193-39-5	Indeno[1,2,3-cd]pyrene	200	U
53-70-3	Dibenz[a,h]anthracene	240	U
191-24-2	Benzo[g,h,i]perylene	240	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-47

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3547 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3547.02

Sample wt/vol: 10.78 (g/ml) G Lab File ID: BN1622.D

Level: (low/med) LOW Date Received: 05/05/98

% Moisture: 7.05 decanted: (Y/N) N Date Extracted: 05/06/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/07/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 5

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-83-8	Cyclohexene	3.47	3400	JN
2. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	20.96	1500	JN
3. 001599-67-3	1-Docosene	26.40	6300	JN
4. 000629-96-9	1-Eicosanol	27.91	960	JN
5.	unknown	28.58	860	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-48

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3547 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3547.06

Sample wt/vol: 10.28 (g/ml) G Lab File ID: BN1623.D

Level: (low/med) LOW Date Received: 05/05/98

% Moisture: 7.13 decanted:(Y/N) N Date Extracted: 05/06/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/07/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	310	U
62-75-9	N-nitroso-dimethylamine	210	U
62-53-3	Aniline	230	U
108-95-2	Phenol	350	U
111-44-4	bis(2-Chloroethyl)ether	220	U
95-57-8	2-Chlorophenol	200	U
541-73-1	1,3-Dichlorobenzene	220	U
106-46-7	1,4-Dichlorobenzene	310	U
100-51-6	Benzyl alcohol	280	U
95-50-1	1,2-Dichlorobenzene	250	U
	2-Methylphenol	210	U
108-60-1	bis(2-chloroisopropyl)ether	260	U
	4-Methylphenol	280	U
621-64-7	n-Nitroso-di-n-propylamine	260	U
67-72-1	Hexachloroethane	220	U
98-95-3	Nitrobenzene	280	U
78-59-1	Isophorone	270	U
88-75-5	2-Nitrophenol	180	U
105-67-9	2,4-Dimethylphenol	310	U
111-91-1	bis(2-Chloroethoxy)methane	120	U
120-83-2	2,4-Dichlorophenol	170	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	270	U
91-20-3	Naphthalene	260	U
106-47-8	4-Chloroaniline	310	U
87-68-3	Hexachlorobutadiene	260	U
59-50-7	4-Chloro-3-methylphenol	200	U
91-57-6	2-Methylnaphthalene	290	U
77-47-4	Hexachlorocyclopentadiene	60	U
88-06-2	2,4,6-Trichlorophenol	200	U
	2,4,5-Trichlorophenol	220	U
91-58-7	2-Chloronaphthalene	190	U
88-74-4	2-Nitroaniline	170	U
131-11-3	Dimethylphthalate	160	U
208-96-8	Acenaphthylene	200	U
606-20-2	2,6-Dinitrotoluene	240	U
99-09-2	3-Nitroaniline	260	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-48

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3547 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3547.06

Sample wt/vol: 10.28 (g/ml) G Lab File ID: BN1623.D

Level: (low/med) LOW Date Received: 05/05/98

% Moisture: 7.13 decanted:(Y/N) N Date Extracted: 05/06/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/07/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	180	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	190	U
100-02-7	4-Nitrophenol	480	U
121-14-2	2,4-Dinitrotoluene	190	U
84-66-2	Diethylphthalate	210	U
86-73-7	Fluorene	200	U
7005-72-3	4-Chlorophenyl-phenylether	200	U
100-01-6	4-Nitroaniline	300	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	190	U
103-33-3	Azobenzene	200	U
101-55-3	4-Bromophenyl-phenylether	180	U
118-74-1	Hexachlorobenzene	280	U
87-86-5	Pentachlorophenol	310	U
85-01-8	Phenanthrene	200	U
120-12-7	Anthracene	200	U
84-74-2	Di-n-butylphthalate	630	JB
206-44-0	Fluoranthene	120	J
92-87-5	Benzidine	950	U
129-00-0	Pyrene	240	U
85-68-7	Butylbenzylphthalate	260	U
56-55-3	Benzo[a]anthracene	210	U
91-94-1	3,3'-Dichlorobenzidine	360	U
218-01-9	Chrysene	260	U
117-81-7	bis(2-Ethylhexyl)phthalate	290	U
117-84-0	Di-n-octylphthalate	300	U
205-99-2	Benzo[b]fluoranthene	260	U
207-08-9	Benzo[k]fluoranthene	190	U
50-32-8	Benzo[a]pyrene	200	U
193-39-5	Indeno[1,2,3-cd]pyrene	210	U
53-70-3	Dibenz[a,h]anthracene	250	U
191-24-2	Benzo[g,h,i]perylene	250	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-48

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3547 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3547.06

Sample wt/vol: 10.28 (g/ml) G Lab File ID: BN1623.D

Level: (low/med) LOW Date Received: 05/05/98

% Moisture: 7.13 decanted: (Y/N) N Date Extracted: 05/06/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/07/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 5

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-83-8	Cyclohexene	3.48	28000	JN
2. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	20.96	1100	JN
3. 000629-96-9	1-Eicosanol	26.40	8800	JN
4. 001454-84-8	1-Nonadecanol	27.91	1600	JN
5.	unknown	28.58	1400	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-49

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3547 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3547.10

Sample wt/vol: 10.06 (g/ml) G Lab File ID: BN1624.D

Level: (low/med) LOW Date Received: 05/05/98

% Moisture: 10.97 decanted:(Y/N) N Date Extracted: 05/06/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/07/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	580	
62-75-9	N-nitroso-dimethylamine	220	U
62-53-3	Aniline	240	U
108-95-2	Phenol	370	U
111-44-4	bis(2-Chloroethyl)ether	230	U
95-57-8	2-Chlorophenol	210	U
541-73-1	1,3-Dichlorobenzene	230	U
106-46-7	1,4-Dichlorobenzene	330	U
100-51-6	Benzyl alcohol	300	U
95-50-1	1,2-Dichlorobenzene	260	U
	2-Methylphenol	230	U
108-60-1	bis(2-chloroisopropyl)ether	280	U
	4-Methylphenol	300	U
621-64-7	n-Nitroso-di-n-propylamine	270	U
67-72-1	Hexachloroethane	230	U
98-95-3	Nitrobenzene	300	U
78-59-1	Isophorone	290	U
88-75-5	2-Nitrophenol	190	U
105-67-9	2,4-Dimethylphenol	330	U
111-91-1	bis(2-Chloroethoxy)methane	130	U
120-83-2	2,4-Dichlorophenol	180	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	290	U
91-20-3	Naphthalene	270	U
106-47-8	4-Chloroaniline	330	U
87-68-3	Hexachlorobutadiene	280	U
59-50-7	4-Chloro-3-methylphenol	220	U
91-57-6	2-Methylnaphthalene	300	U
77-47-4	Hexachlorocyclopentadiene	64	U
88-06-2	2,4,6-Trichlorophenol	210	U
	2,4,5-Trichlorophenol	230	U
91-58-7	2-Chloronaphthalene	200	U
88-74-4	2-Nitroaniline	190	U
131-11-3	Dimethylphthalate	170	U
208-96-8	Acenaphthylene	210	U
606-20-2	2,6-Dinitrotoluene	250	U
99-09-2	3-Nitroaniline	280	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-49

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3547 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3547.10

Sample wt/vol: 10.06 (g/ml) G Lab File ID: BN1624.D

Level: (low/med) LOW Date Received: 05/05/98

% Moisture: 10.97 decanted:(Y/N) N Date Extracted: 05/06/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/07/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	200	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	210	U
100-02-7	4-Nitrophenol	510	U
121-14-2	2,4-Dinitrotoluene	210	U
84-66-2	Diethylphthalate	230	U
86-73-7	Fluorene	210	U
7005-72-3	4-Chlorophenyl-phenylether	210	U
100-01-6	4-Nitroaniline	310	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	200	U
103-33-3	Azobenzene	210	U
101-55-3	4-Bromophenyl-phenylether	190	U
118-74-1	Hexachlorobenzene	290	U
87-86-5	Pentachlorophenol	330	U
85-01-8	Phenanthrene	220	U
120-12-7	Anthracene	220	U
84-74-2	Di-n-butylphthalate	490	JB
206-44-0	Fluoranthene	220	U
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	250	U
85-68-7	Butylbenzylphthalate	280	U
56-55-3	Benzo[a]anthracene	220	U
91-94-1	3,3'-Dichlorobenzidine	380	U
218-01-9	Chrysene	280	U
117-81-7	bis(2-Ethylhexyl)phthalate	140	J
117-84-0	Di-n-octylphthalate	310	U
205-99-2	Benzo[b]fluoranthene	270	U
207-08-9	Benzo[k]fluoranthene	200	U
50-32-8	Benzo[a]pyrene	210	U
193-39-5	Indeno[1,2,3-cd]pyrene	230	U
53-70-3	Dibenz[a,h]anthracene	270	U
191-24-2	Benzo[g,h,i]perylene	270	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-49

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3547 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3547.10

Sample wt/vol: 10.06 (g/ml) G Lab File ID: BN1624.D

Level: (low/med) LOW Date Received: 05/05/98

% Moisture: 10.97 decanted: (Y/N) N Date Extracted: 05/06/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/07/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 4 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	20.95	960	JN
2. 001599-67-3	1-Docosene	26.39	7900	JN
3. 006624-79-9	1-Dotriacontanol	27.91	970	JN
4.	unknown	28.58	1500	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-50

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3547 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3547.14

Sample wt/vol: 10.23 (g/ml) G Lab File ID: BN1625.D

Level: (low/med) LOW Date Received: 05/05/98

% Moisture: 8.43 decanted:(Y/N) N Date Extracted: 05/06/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/07/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	320	U
62-75-9	N-nitroso-dimethylamine	210	U
62-53-3	Aniline	230	U
108-95-2	Phenol	360	U
111-44-4	bis(2-Chloroethyl)ether	220	U
95-57-8	2-Chlorophenol	200	U
541-73-1	1,3-Dichlorobenzene	220	U
106-46-7	1,4-Dichlorobenzene	310	U
100-51-6	Benzyl alcohol	290	U
95-50-1	1,2-Dichlorobenzene	250	U
	2-Methylphenol	220	U
108-60-1	bis(2-chloroisopropyl)ether	270	U
	4-Methylphenol	290	U
621-64-7	n-Nitroso-di-n-propylamine	260	U
67-72-1	Hexachloroethane	220	U
98-95-3	Nitrobenzene	290	U
78-59-1	Isophorone	270	U
88-75-5	2-Nitrophenol	180	U
105-67-9	2,4-Dimethylphenol	310	U
111-91-1	bis(2-Chloroethoxy)methane	130	U
120-83-2	2,4-Dichlorophenol	170	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	280	U
91-20-3	Naphthalene	260	U
106-47-8	4-Chloroaniline	310	U
87-68-3	Hexachlorobutadiene	270	U
59-50-7	4-Chloro-3-methylphenol	210	U
91-57-6	2-Methylnaphthalene	290	U
77-47-4	Hexachlorocyclopentadiene	61	U
88-06-2	2,4,6-Trichlorophenol	200	U
	2,4,5-Trichlorophenol	220	U
91-58-7	2-Chloronaphthalene	190	U
88-74-4	2-Nitroaniline	180	U
131-11-3	Dimethylphthalate	160	U
208-96-8	Acenaphthylene	200	U
606-20-2	2,6-Dinitrotoluene	240	U
99-09-2	3-Nitroaniline	270	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-50

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3547 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3547.14

Sample wt/vol: 10.23 (g/ml) G Lab File ID: BN1625.D

Level: (low/med) LOW Date Received: 05/05/98

% Moisture: 8.43 decanted:(Y/N) N Date Extracted: 05/06/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/07/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
83-32-9	Acenaphthene	190	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	200	U
100-02-7	4-Nitrophenol	490	U
121-14-2	2,4-Dinitrotoluene	200	U
84-66-2	Diethylphthalate	220	U
86-73-7	Fluorene	200	U
7005-72-3	4-Chlorophenyl-phenylether	200	U
100-01-6	4-Nitroaniline	300	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	200	U
103-33-3	Azobenzene	200	U
101-55-3	4-Bromophenyl-phenylether	180	U
118-74-1	Hexachlorobenzene	280	U
87-86-5	Pentachlorophenol	310	U
85-01-8	Phenanthrene	210	U
120-12-7	Anthracene	210	U
84-74-2	Di-n-butylphthalate	260	JB
206-44-0	Fluoranthene	170	J
92-87-5	Benzidine	970	U
129-00-0	Pyrene	130	J
85-68-7	Butylbenzylphthalate	270	U
56-55-3	Benzo[a]anthracene	210	U
91-94-1	3,3'-Dichlorobenzidine	370	U
218-01-9	Chrysene	130	J
117-81-7	bis(2-Ethylhexyl)phthalate	120	J
117-84-0	Di-n-octylphthalate	300	U
205-99-2	Benzo[b]fluoranthene	260	U
207-08-9	Benzo[k]fluoranthene	190	U
50-32-8	Benzo[a]pyrene	200	U
193-39-5	Indeno[1,2,3-cd]pyrene	220	U
53-70-3	Dibenz[a,h]anthracene	260	U
191-24-2	Benzo[g,h,i]perylene	260	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-50

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3547 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3547.14

Sample wt/vol: 10.23 (g/ml) G Lab File ID: BN1625.D

Level: (low/med) LOW Date Received: 05/05/98

% Moisture: 8.43 decanted: (Y/N) N Date Extracted: 05/06/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/07/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 4

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-83-8	Cyclohexene	3.48	40000	JN
2. 001599-67-3	1-Docosene	26.39	6500	JN
3. 000112-92-5	1-Octadecanol	27.91	1000	JN
4.	unknown	28.58	1700	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-51

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3547 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3547.18

Sample wt/vol: 10.25 (g/ml) G Lab File ID: BN1626.D

Level: (low/med) LOW Date Received: 05/05/98

% Moisture: 9.95 decanted:(Y/N) N Date Extracted: 05/06/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/07/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	320	U
62-75-9	N-nitroso-dimethylamine	220	U
62-53-3	Aniline	240	U
108-95-2	Phenol	360	U
111-44-4	bis(2-Chloroethyl)ether	230	U
95-57-8	2-Chlorophenol	210	U
541-73-1	1,3-Dichlorobenzene	220	U
106-46-7	1,4-Dichlorobenzene	320	U
100-51-6	Benzyl alcohol	290	U
95-50-1	1,2-Dichlorobenzene	260	U
	2-Methylphenol	220	U
108-60-1	bis(2-chloroisopropyl)ether	270	U
	4-Methylphenol	290	U
621-64-7	n-Nitroso-di-n-propylamine	260	U
67-72-1	Hexachloroethane	230	U
98-95-3	Nitrobenzene	290	U
78-59-1	Isophorone	280	U
88-75-5	2-Nitrophenol	180	U
105-67-9	2,4-Dimethylphenol	320	U
111-91-1	bis(2-Chloroethoxy)methane	130	U
120-83-2	2,4-Dichlorophenol	170	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	280	U
91-20-3	Naphthalene	260	U
106-47-8	4-Chloroaniline	320	U
87-68-3	Hexachlorobutadiene	270	U
59-50-7	4-Chloro-3-methylphenol	210	U
91-57-6	2-Methylnaphthalene	300	U
77-47-4	Hexachlorocyclopentadiene	62	U
88-06-2	2,4,6-Trichlorophenol	200	U
	2,4,5-Trichlorophenol	230	U
91-58-7	2-Chloronaphthalene	190	U
88-74-4	2-Nitroaniline	180	U
131-11-3	Dimethylphthalate	160	U
208-96-8	Acenaphthylene	210	U
606-20-2	2,6-Dinitrotoluene	250	U
99-09-2	3-Nitroaniline	270	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-51

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3547 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3547.18

Sample wt/vol: 10.25 (g/ml) G Lab File ID: BN1626.D

Level: (low/med) LOW Date Received: 05/05/98

% Moisture: 9.95 decanted:(Y/N) N Date Extracted: 05/06/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/07/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
83-32-9	Acenaphthene	190	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	200	U
100-02-7	4-Nitrophenol	500	U
121-14-2	2,4-Dinitrotoluene	200	U
84-66-2	Diethylphthalate	220	U
86-73-7	Fluorene	210	U
7005-72-3	4-Chlorophenyl-phenylether	200	U
100-01-6	4-Nitroaniline	310	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	200	U
103-33-3	Azobenzene	210	U
101-55-3	4-Bromophenyl-phenylether	190	U
118-74-1	Hexachlorobenzene	290	U
87-86-5	Pentachlorophenol	320	U
85-01-8	Phenanthrene	140	J
120-12-7	Anthracene	130	J
84-74-2	Di-n-butylphthalate	910	B
206-44-0	Fluoranthene	160	J
92-87-5	Benzidine	980	U
129-00-0	Pyrene	230	J
85-68-7	Butylbenzylphthalate	270	U
56-55-3	Benzo[a]anthracene	210	U
91-94-1	3,3'-Dichlorobenzidine	370	U
218-01-9	Chrysene	180	J
117-81-7	bis(2-Ethylhexyl)phthalate	140	J
117-84-0	Di-n-octylphthalate	310	U
205-99-2	Benzo[b]fluoranthene	270	U
207-08-9	Benzo[k]fluoranthene	200	U
50-32-8	Benzo[a]pyrene	200	U
193-39-5	Indeno[1,2,3-cd]pyrene	220	U
53-70-3	Dibenz[a,h]anthracene	260	U
191-24-2	Benzo[g,h,i]perylene	260	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-51

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3547 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3547.18

Sample wt/vol: 10.25 (g/ml) G Lab File ID: BN1626.D

Level: (low/med) LOW Date Received: 05/05/98

% Moisture: 9.95 decanted: (Y/N) N Date Extracted: 05/06/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/07/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 4 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-83-8	Cyclohexene	3.50	18000	JN
2. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	20.96	1700	JN
3. 000629-96-9	1-Eicosanol	26.40	6900	JN
4.	unknown	28.58	1400	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-52

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3550 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3550.03

Sample wt/vol: 10.76 (g/ml) G Lab File ID: BN1629.D

Level: (low/med) LOW Date Received: 05/06/98

% Moisture: 12.41 decanted:(Y/N) N Date Extracted: 05/07/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/08/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	320	U
62-75-9	N-nitroso-dimethylamine	210	U
62-53-3	Aniline	230	U
108-95-2	Phenol	350	U
111-44-4	bis(2-Chloroethyl)ether	220	U
95-57-8	2-Chlorophenol	200	U
541-73-1	1,3-Dichlorobenzene	220	U
106-46-7	1,4-Dichlorobenzene	310	U
100-51-6	Benzyl alcohol	280	U
95-50-1	1,2-Dichlorobenzene	250	U
	2-Methylphenol	220	U
108-60-1	bis(2-chloroisopropyl)ether	270	U
	4-Methylphenol	280	U
621-64-7	n-Nitroso-di-n-propylamine	260	U
67-72-1	Hexachloroethane	220	U
98-95-3	Nitrobenzene	280	U
78-59-1	Isophorone	270	U
88-75-5	2-Nitrophenol	180	U
105-67-9	2,4-Dimethylphenol	310	U
111-91-1	bis(2-Chloroethoxy)methane	130	U
120-83-2	2,4-Dichlorophenol	170	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	280	U
91-20-3	Naphthalene	260	U
106-47-8	4-Chloroaniline	310	U
87-68-3	Hexachlorobutadiene	260	U
59-50-7	4-Chloro-3-methylphenol	210	U
91-57-6	2-Methylnaphthalene	290	U
77-47-4	Hexachlorocyclopentadiene	60	U
88-06-2	2,4,6-Trichlorophenol	200	U
	2,4,5-Trichlorophenol	220	U
91-58-7	2-Chloronaphthalene	190	U
88-74-4	2-Nitroaniline	180	U
131-11-3	Dimethylphthalate	160	U
208-96-8	Acenaphthylene	200	U
606-20-2	2,6-Dinitrotoluene	240	U
99-09-2	3-Nitroaniline	270	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-52

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3550 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3550.03

Sample wt/vol: 10.76 (g/ml) G Lab File ID: BN1629.D

Level: (low/med) LOW Date Received: 05/06/98

% Moisture: 12.41 decanted:(Y/N) N Date Extracted: 05/07/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/08/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	190	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	200	U
100-02-7	4-Nitrophenol	490	U
121-14-2	2,4-Dinitrotoluene	200	U
84-66-2	Diethylphthalate	220	U
86-73-7	Fluorene	200	U
7005-72-3	4-Chlorophenyl-phenylether	200	U
100-01-6	4-Nitroaniline	300	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	190	U
103-33-3	Azobenzene	200	U
101-55-3	4-Bromophenyl-phenylether	180	U
118-74-1	Hexachlorobenzene	280	U
87-86-5	Pentachlorophenol	310	U
85-01-8	Phenanthrene	110	J
120-12-7	Anthracene	200	U
84-74-2	Di-n-butylphthalate	880	U
206-44-0	Fluoranthene	210	U
92-87-5	Benzidine	960	U
129-00-0	Pyrene	170	J
85-68-7	Butylbenzylphthalate	270	U
56-55-3	Benzo[a]anthracene	210	U
91-94-1	3,3'-Dichlorobenzidine	360	U
218-01-9	Chrysene	140	J
117-81-7	bis(2-Ethylhexyl)phthalate	290	U
117-84-0	Di-n-octylphthalate	300	U
205-99-2	Benzo[b]fluoranthene	260	U
207-08-9	Benzo[k]fluoranthene	190	U
50-32-8	Benzo[a]pyrene	200	U
193-39-5	Indeno[1,2,3-cd]pyrene	220	U
53-70-3	Dibenz[a,h]anthracene	250	U
191-24-2	Benzo[g,h,i]perylene	250	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-52

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3550 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3550.03

Sample wt/vol: 10.76 (g/ml) G Lab File ID: BN1629.D

Level: (low/med) LOW Date Received: 05/06/98

% Moisture: 12.41 decanted: (Y/N) N Date Extracted: 05/07/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/08/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 2

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-83-8	Cyclohexene	3.45	13000	JN
2. 000112-92-5	1-Octadecanol	26.38	1200	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-53

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3550 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3550.07

Sample wt/vol: 10.76 (g/ml) G Lab File ID: BN1630.D

Level: (low/med) LOW Date Received: 05/06/98

% Moisture: 8.94 decanted:(Y/N) N Date Extracted: 05/07/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/08/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	310	U
62-75-9	N-nitroso-dimethylamine	200	U
62-53-3	Aniline	220	U
108-95-2	Phenol	340	U
111-44-4	bis(2-Chloroethyl)ether	210	U
95-57-8	2-Chlorophenol	190	U
541-73-1	1,3-Dichlorobenzene	210	U
106-46-7	1,4-Dichlorobenzene	300	U
100-51-6	Benzyl alcohol	270	U
95-50-1	1,2-Dichlorobenzene	240	U
	2-Methylphenol	210	U
108-60-1	bis(2-chloroisopropyl)ether	260	U
	4-Methylphenol	270	U
621-64-7	n-Nitroso-di-n-propylamine	250	U
67-72-1	Hexachloroethane	210	U
98-95-3	Nitrobenzene	270	U
78-59-1	Isophorone	260	U
88-75-5	2-Nitrophenol	170	U
105-67-9	2,4-Dimethylphenol	300	U
111-91-1	bis(2-Chloroethoxy)methane	120	U
120-83-2	2,4-Dichlorophenol	160	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	270	U
91-20-3	Naphthalene	250	U
106-47-8	4-Chloroaniline	300	U
87-68-3	Hexachlorobutadiene	250	U
59-50-7	4-Chloro-3-methylphenol	200	U
91-57-6	2-Methylnaphthalene	280	U
77-47-4	Hexachlorocyclopentadiene	58	U
88-06-2	2,4,6-Trichlorophenol	190	U
	2,4,5-Trichlorophenol	210	U
91-58-7	2-Chloronaphthalene	180	U
88-74-4	2-Nitroaniline	170	U
131-11-3	Dimethylphthalate	150	U
208-96-8	Acenaphthylene	200	U
606-20-2	2,6-Dinitrotoluene	230	U
99-09-2	3-Nitroaniline	260	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-53

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3550 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3550.07

Sample wt/vol: 10.76 (g/ml) G Lab File ID: BN1630.D

Level: (low/med) LOW Date Received: 05/06/98

% Moisture: 8.94 decanted:(Y/N) N Date Extracted: 05/07/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/08/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	180	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	190	U
100-02-7	4-Nitrophenol	470	U
121-14-2	2,4-Dinitrotoluene	190	U
84-66-2	Diethylphthalate	210	U
86-73-7	Fluorene	190	U
7005-72-3	4-Chlorophenyl-phenylether	190	U
100-01-6	4-Nitroaniline	290	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	190	U
103-33-3	Azobenzene	190	U
101-55-3	4-Bromophenyl-phenylether	180	U
118-74-1	Hexachlorobenzene	270	U
87-86-5	Pentachlorophenol	300	U
85-01-8	Phenanthrene	240	
120-12-7	Anthracene	240	
84-74-2	Di-n-butylphthalate	350	JB
206-44-0	Fluoranthene	260	
92-87-5	Benzidine	920	U
129-00-0	Pyrene	410	
85-68-7	Butylbenzylphthalate	260	U
56-55-3	Benzo[a]anthracene	190	J
91-94-1	3,3'-Dichlorobenzidine	350	U
218-01-9	Chrysene	370	
117-81-7	bis(2-Ethylhexyl)phthalate	280	U
117-84-0	Di-n-octylphthalate	290	U
205-99-2	Benzo[b]fluoranthene	110	J
207-08-9	Benzo[k]fluoranthene	140	J
50-32-8	Benzo[a]pyrene	170	J
193-39-5	Indeno[1,2,3-cd]pyrene	110	J
53-70-3	Dibenz[a,h]anthracene	240	U
191-24-2	Benzo[g,h,i]perylene	110	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-53

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3550 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3550.07

Sample wt/vol: 10.76 (g/ml) G Lab File ID: BN1630.D

Level: (low/med) LOW Date Received: 05/06/98

% Moisture: 8.94 decanted: (Y/N) N Date Extracted: 05/07/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/08/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 2

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-83-8	Cyclohexene	3.47	25000	JN
2. 019047-85-9	Phosphonic acid, dioctadecyl est	26.39	3900	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-54

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3550 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3550.11

Sample wt/vol: 10.43 (g/ml) G Lab File ID: BN1631.D

Level: (low/med) LOW Date Received: 05/06/98

% Moisture: 9.6 decanted:(Y/N) N Date Extracted: 05/07/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/08/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	320	U
62-75-9	N-nitroso-dimethylamine	210	U
62-53-3	Aniline	230	U
108-95-2	Phenol	350	U
111-44-4	bis(2-Chloroethyl)ether	220	U
95-57-8	2-Chlorophenol	200	U
541-73-1	1,3-Dichlorobenzene	220	U
106-46-7	1,4-Dichlorobenzene	310	U
100-51-6	Benzyl alcohol	280	U
95-50-1	1,2-Dichlorobenzene	250	U
	2-Methylphenol	220	U
108-60-1	bis(2-chloroisopropyl)ether	270	U
	4-Methylphenol	280	U
621-64-7	n-Nitroso-di-n-propylamine	260	U
67-72-1	Hexachloroethane	220	U
98-95-3	Nitrobenzene	280	U
78-59-1	Isophorone	270	U
88-75-5	2-Nitrophenol	180	U
105-67-9	2,4-Dimethylphenol	310	U
111-91-1	bis(2-Chloroethoxy)methane	130	U
120-83-2	2,4-Dichlorophenol	170	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	280	U
91-20-3	Naphthalene	260	U
106-47-8	4-Chloroaniline	310	U
87-68-3	Hexachlorobutadiene	260	U
59-50-7	4-Chloro-3-methylphenol	210	U
91-57-6	2-Methylnaphthalene	290	U
77-47-4	Hexachlorocyclopentadiene	60	U
88-06-2	2,4,6-Trichlorophenol	200	U
	2,4,5-Trichlorophenol	220	U
91-58-7	2-Chloronaphthalene	190	U
88-74-4	2-Nitroaniline	180	U
131-11-3	Dimethylphthalate	160	U
208-96-8	Acenaphthylene	200	U
606-20-2	2,6-Dinitrotoluene	240	U
99-09-2	3-Nitroaniline	270	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-54

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3550 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3550.11

Sample wt/vol: 10.43 (g/ml) G Lab File ID: BN1631.D

Level: (low/med) LOW Date Received: 05/06/98

% Moisture: 9.6 decanted:(Y/N) N Date Extracted: 05/07/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/08/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	190	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	200	U
100-02-7	4-Nitrophenol	490	U
121-14-2	2,4-Dinitrotoluene	200	U
84-66-2	Diethylphthalate	220	U
86-73-7	Fluorene	200	U
7005-72-3	4-Chlorophenyl-phenylether	200	U
100-01-6	4-Nitroaniline	300	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	190	U
103-33-3	Azobenzene	200	U
101-55-3	4-Bromophenyl-phenylether	180	U
118-74-1	Hexachlorobenzene	280	U
87-86-5	Pentachlorophenol	310	U
85-01-8	Phenanthrene	110	J
120-12-7	Anthracene	200	U
84-74-2	Di-n-butylphthalate	1600	B
206-44-0	Fluoranthene	160	J
92-87-5	Benzidine	960	U
129-00-0	Pyrene	240	
85-68-7	Butylbenzylphthalate	270	U
56-55-3	Benzo[a]anthracene	170	J
91-94-1	3,3'-Dichlorobenzidine	360	U
218-01-9	Chrysene	230	J
117-81-7	bis(2-Ethylhexyl)phthalate	220	J
117-84-0	Di-n-octylphthalate	300	U
205-99-2	Benzo[b]fluoranthene	260	U
207-08-9	Benzo[k]fluoranthene	110	J
50-32-8	Benzo[a]pyrene	110	J
193-39-5	Indeno[1,2,3-cd]pyrene	220	U
53-70-3	Dibenz[a,h]anthracene	250	U
191-24-2	Benzo[g,h,i]perylene	250	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-54

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3550 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3550.11

Sample wt/vol: 10.43 (g/ml) G Lab File ID: BN1631.D

Level: (low/med) LOW Date Received: 05/06/98

% Moisture: 9.6 decanted: (Y/N) N Date Extracted: 05/07/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/08/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 7 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-83-8	Cyclohexene	3.42	2800	JN
2. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	20.95	960	JN
3. 000120-32-1	Clorophene	21.40	1500	JN
4. 000301-02-0	9-Octadecenamide, (Z)-	25.43	940	JN
5.	unknown	25.82	26000	J
6. 000629-96-9	1-Eicosanol	26.39	6600	JN
7.	unknown	28.58	1700	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-55

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3550 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3550.15

Sample wt/vol: 10.34 (g/ml) G Lab File ID: BN1632.D

Level: (low/med) LOW Date Received: 05/06/98

% Moisture: 15.06 decanted:(Y/N) N Date Extracted: 05/07/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/08/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	420	
62-75-9	N-nitroso-dimethylamine	230	U
62-53-3	Aniline	250	U
108-95-2	Phenol	380	U
111-44-4	bis(2-Chloroethyl)ether	240	U
95-57-8	2-Chlorophenol	220	U
541-73-1	1,3-Dichlorobenzene	240	U
106-46-7	1,4-Dichlorobenzene	330	U
100-51-6	Benzyl alcohol	300	U
95-50-1	1,2-Dichlorobenzene	270	U
	2-Methylphenol	230	U
108-60-1	bis(2-chloroisopropyl)ether	290	U
	4-Methylphenol	300	U
621-64-7	n-Nitroso-di-n-propylamine	280	U
67-72-1	Hexachloroethane	240	U
98-95-3	Nitrobenzene	310	U
78-59-1	Isophorone	290	U
88-75-5	2-Nitrophenol	190	U
105-67-9	2,4-Dimethylphenol	330	U
111-91-1	bis(2-Chloroethoxy)methane	140	U
120-83-2	2,4-Dichlorophenol	180	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	300	U
91-20-3	Naphthalene	280	U
106-47-8	4-Chloroaniline	330	U
87-68-3	Hexachlorobutadiene	280	U
59-50-7	4-Chloro-3-methylphenol	220	U
91-57-6	2-Methylnaphthalene	310	U
77-47-4	Hexachlorocyclopentadiene	65	U
88-06-2	2,4,6-Trichlorophenol	210	U
	2,4,5-Trichlorophenol	240	U
91-58-7	2-Chloronaphthalene	200	U
88-74-4	2-Nitroaniline	190	U
131-11-3	Dimethylphthalate	170	U
208-96-8	Acenaphthylene	220	U
606-20-2	2,6-Dinitrotoluene	260	U
99-09-2	3-Nitroaniline	290	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-55

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3550 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3550.15

Sample wt/vol: 10.34 (g/ml) G Lab File ID: BN1632.D

Level: (low/med) LOW Date Received: 05/06/98

% Moisture: 15.06 decanted:(Y/N) N Date Extracted: 05/07/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/08/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	200	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	210	U
100-02-7	4-Nitrophenol	520	U
121-14-2	2,4-Dinitrotoluene	210	U
84-66-2	Diethylphthalate	230	U
86-73-7	Fluorene	220	U
7005-72-3	4-Chlorophenyl-phenylether	210	U
100-01-6	4-Nitroaniline	320	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	210	U
103-33-3	Azobenzene	220	U
101-55-3	4-Bromophenyl-phenylether	200	U
118-74-1	Hexachlorobenzene	300	U
87-86-5	Pentachlorophenol	340	U
85-01-8	Phenanthrene	220	U
120-12-7	Anthracene	220	U
84-74-2	Di-n-butylphthalate	900	JB
206-44-0	Fluoranthene	220	U
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	260	U
85-68-7	Butylbenzylphthalate	290	U
56-55-3	Benzo[a]anthracene	220	U
91-94-1	3,3'-Dichlorobenzidine	390	U
218-01-9	Chrysene	290	U
117-81-7	bis(2-Ethylhexyl)phthalate	130	J
117-84-0	Di-n-octylphthalate	320	U
205-99-2	Benzo[b]fluoranthene	280	U
207-08-9	Benzo[k]fluoranthene	210	U
50-32-8	Benzo[a]pyrene	210	U
193-39-5	Indeno[1,2,3-cd]pyrene	230	U
53-70-3	Dibenz[a,h]anthracene	270	U
191-24-2	Benzo[g,h,i]perylene	270	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-55

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3550 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3550.15

Sample wt/vol: 10.34 (g/ml) G Lab File ID: BN1632.D

Level: (low/med) LOW Date Received: 05/06/98

% Moisture: 15.06 decanted: (Y/N) N Date Extracted: 05/07/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/08/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 3

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	20.96	1500	JN
2. 019047-85-9	Phosphonic acid, dioctadecyl est	26.39	6600	JN
3.	unknown	28.58	1300	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-56

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3561 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3561.02

Sample wt/vol: 10.65 (g/ml) G Lab File ID: BN1690.D

Level: (low/med) LOW Date Received: 05/11/98

% Moisture: 17.08 decanted:(Y/N) N Date Extracted: 05/12/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/20/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	340	U
62-75-9	N-nitroso-dimethylamine	230	U
62-53-3	Aniline	250	U
108-95-2	Phenol	380	U
111-44-4	bis(2-Chloroethyl)ether	240	U
95-57-8	2-Chlorophenol	220	U
541-73-1	1,3-Dichlorobenzene	230	U
106-46-7	1,4-Dichlorobenzene	330	U
100-51-6	Benzyl alcohol	300	U
95-50-1	1,2-Dichlorobenzene	270	U
	2-Methylphenol	230	U
108-60-1	bis(2-chloroisopropyl)ether	280	U
	4-Methylphenol	300	U
621-64-7	n-Nitroso-di-n-propylamine	280	U
67-72-1	Hexachloroethane	240	U
98-95-3	Nitrobenzene	300	U
78-59-1	Isophorone	290	U
88-75-5	2-Nitrophenol	190	U
105-67-9	2,4-Dimethylphenol	330	U
111-91-1	bis(2-Chloroethoxy)methane	130	U
120-83-2	2,4-Dichlorophenol	180	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	300	U
91-20-3	Naphthalene	280	U
106-47-8	4-Chloroaniline	330	U
87-68-3	Hexachlorobutadiene	280	U
59-50-7	4-Chloro-3-methylphenol	220	U
91-57-6	2-Methylnaphthalene	310	U
77-47-4	Hexachlorocyclopentadiene	65	U
88-06-2	2,4,6-Trichlorophenol	210	U
	2,4,5-Trichlorophenol	240	U
91-58-7	2-Chloronaphthalene	200	U
88-74-4	2-Nitroaniline	190	U
131-11-3	Dimethylphthalate	170	U
208-96-8	Acenaphthylene	220	U
606-20-2	2,6-Dinitrotoluene	260	U
99-09-2	3-Nitroaniline	280	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-56

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3561 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3561.02

Sample wt/vol: 10.65 (g/ml) G Lab File ID: BN1690.D

Level: (low/med) LOW Date Received: 05/11/98

% Moisture: 17.08 decanted:(Y/N) N Date Extracted: 05/12/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/20/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	200	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	210	U
100-02-7	4-Nitrophenol	520	U
121-14-2	2,4-Dinitrotoluene	210	U
84-66-2	Diethylphthalate	230	U
86-73-7	Fluorene	220	U
7005-72-3	4-Chlorophenyl-phenylether	210	U
100-01-6	4-Nitroaniline	320	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	210	U
103-33-3	Azobenzene	220	U
101-55-3	4-Bromophenyl-phenylether	200	U
118-74-1	Hexachlorobenzene	300	U
87-86-5	Pentachlorophenol	330	U
85-01-8	Phenanthrene	220	U
120-12-7	Anthracene	220	U
84-74-2	Di-n-butylphthalate	360	JB
206-44-0	Fluoranthene	220	U
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	260	U
85-68-7	Butylbenzylphthalate	280	U
56-55-3	Benzo[a]anthracene	220	U
91-94-1	3,3'-Dichlorobenzidine	390	U
218-01-9	Chrysene	280	U
117-81-7	bis(2-Ethylhexyl)phthalate	310	U
117-84-0	Di-n-octylphthalate	320	U
205-99-2	Benzo[b]fluoranthene	280	U
207-08-9	Benzo[k]fluoranthene	210	U
50-32-8	Benzo[a]pyrene	210	U
193-39-5	Indeno[1,2,3-cd]pyrene	230	U
53-70-3	Dibenz[a,h]anthracene	270	U
191-24-2	Benzo[g,h,i]perylene	270	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-56

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3561 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3561.02

Sample wt/vol: 10.65 (g/ml) G Lab File ID: BN1690.D

Level: (low/med) LOW Date Received: 05/11/98

% Moisture: 17.08 decanted: (Y/N) N Date Extracted: 05/12/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/20/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 2

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-83-8	Cyclohexene	3.41	12000	JN
2. 000629-96-9	1-Eicosanol	26.38	3300	JN

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-57

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3561 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3561.06

Sample wt/vol: 10.71 (g/ml) G Lab File ID: BN1663.D

Level: (low/med) LOW Date Received: 05/11/98

% Moisture: 15.29 decanted:(Y/N) N Date Extracted: 05/12/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/18/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
110-86-1	Pyridine	330	U
62-75-9	N-nitroso-dimethylamine	220	U
62-53-3	Aniline	240	U
108-95-2	Phenol	370	U
111-44-4	bis(2-Chloroethyl)ether	230	U
95-57-8	2-Chlorophenol	210	U
541-73-1	1,3-Dichlorobenzene	230	U
106-46-7	1,4-Dichlorobenzene	320	U
100-51-6	Benzyl alcohol	290	U
95-50-1	1,2-Dichlorobenzene	260	U
	2-Methylphenol	230	U
108-60-1	bis(2-chloroisopropyl)ether	280	U
	4-Methylphenol	290	U
621-64-7	n-Nitroso-di-n-propylamine	270	U
67-72-1	Hexachloroethane	230	U
98-95-3	Nitrobenzene	300	U
78-59-1	Isophorone	280	U
88-75-5	2-Nitrophenol	190	U
105-67-9	2,4-Dimethylphenol	320	U
111-91-1	bis(2-Chloroethoxy)methane	130	U
120-83-2	2,4-Dichlorophenol	170	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	290	U
91-20-3	Naphthalene	270	U
106-47-8	4-Chloroaniline	320	U
87-68-3	Hexachlorobutadiene	270	U
59-50-7	4-Chloro-3-methylphenol	210	U
91-57-6	2-Methylnaphthalene	300	U
77-47-4	Hexachlorocyclopentadiene	63	U
88-06-2	2,4,6-Trichlorophenol	210	U
	2,4,5-Trichlorophenol	230	U
91-58-7	2-Chloronaphthalene	200	U
88-74-4	2-Nitroaniline	180	U
131-11-3	Dimethylphthalate	170	U
208-96-8	Acenaphthylene	210	U
606-20-2	2,6-Dinitrotoluene	250	U
99-09-2	3-Nitroaniline	280	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-57

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3561 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3561.06

Sample wt/vol: 10.71 (g/ml) G Lab File ID: BN1663.D

Level: (low/med) LOW Date Received: 05/11/98

% Moisture: 15.29 decanted:(Y/N) N Date Extracted: 05/12/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/18/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
83-32-9	Acenaphthene	190	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	210	U
100-02-7	4-Nitrophenol	510	U
121-14-2	2,4-Dinitrotoluene	210	U
84-66-2	Diethylphthalate	220	U
86-73-7	Fluorene	210	U
7005-72-3	4-Chlorophenyl-phenylether	210	U
100-01-6	4-Nitroaniline	310	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	200	U
103-33-3	Azobenzene	210	U
101-55-3	4-Bromophenyl-phenylether	190	U
118-74-1	Hexachlorobenzene	290	U
87-86-5	Pentachlorophenol	330	U
85-01-8	Phenanthrene	250	
120-12-7	Anthracene	210	U
84-74-2	Di-n-butylphthalate	570	JB
206-44-0	Fluoranthene	300	
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	450	
85-68-7	Butylbenzylphthalate	280	U
56-55-3	Benzo[a]anthracene	210	J
91-94-1	3,3'-Dichlorobenzidine	380	U
218-01-9	Chrysene	290	
117-81-7	bis(2-Ethylhexyl)phthalate	140	J
117-84-0	Di-n-octylphthalate	310	U
205-99-2	Benzo[b]fluoranthene	270	U
207-08-9	Benzo[k]fluoranthene	130	J
50-32-8	Benzo[a]pyrene	150	J
193-39-5	Indeno[1,2,3-cd]pyrene	220	U
53-70-3	Dibenz[a,h]anthracene	260	U
191-24-2	Benzo[g,h,i]perylene	260	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-57

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3561 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3561.06

Sample wt/vol: 10.71 (g/ml) G Lab File ID: BN1663.D

Level: (low/med) LOW Date Received: 05/11/98

% Moisture: 15.29 decanted: (Y/N) N Date Extracted: 05/12/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/18/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-83-8	Cyclohexene	3.42	30000	JN
2. 000629-96-9	1-Eicosanol	26.38	4700	JN

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-58

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3561 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3561.10

Sample wt/vol: 10.28 (g/ml) G Lab File ID: BN1691.D

Level: (low/med) LOW Date Received: 05/11/98

% Moisture: 7.4 decanted:(Y/N) N Date Extracted: 05/12/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/20/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	310	U
62-75-9	N-nitroso-dimethylamine	210	U
62-53-3	Aniline	230	U
108-95-2	Phenol	350	U
111-44-4	bis(2-Chloroethyl)ether	220	U
95-57-8	2-Chlorophenol	200	U
541-73-1	1,3-Dichlorobenzene	220	U
106-46-7	1,4-Dichlorobenzene	310	U
100-51-6	Benzyl alcohol	280	U
95-50-1	1,2-Dichlorobenzene	250	U
	2-Methylphenol	220	U
108-60-1	bis(2-chloroisopropyl)ether	260	U
	4-Methylphenol	280	U
621-64-7	n-Nitroso-di-n-propylamine	260	U
67-72-1	Hexachloroethane	220	U
98-95-3	Nitrobenzene	280	U
78-59-1	Isophorone	270	U
88-75-5	2-Nitrophenol	180	U
105-67-9	2,4-Dimethylphenol	310	U
111-91-1	bis(2-Chloroethoxy)methane	130	U
120-83-2	2,4-Dichlorophenol	170	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	280	U
91-20-3	Naphthalene	260	U
106-47-8	4-Chloroaniline	310	U
87-68-3	Hexachlorobutadiene	260	U
59-50-7	4-Chloro-3-methylphenol	200	U
91-57-6	2-Methylnaphthalene	290	U
77-47-4	Hexachlorocyclopentadiene	60	U
88-06-2	2,4,6-Trichlorophenol	200	U
	2,4,5-Trichlorophenol	220	U
91-58-7	2-Chloronaphthalene	190	U
88-74-4	2-Nitroaniline	170	U
131-11-3	Dimethylphthalate	160	U
208-96-8	Acenaphthylene	200	U
606-20-2	2,6-Dinitrotoluene	240	U
99-09-2	3-Nitroaniline	260	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-58

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3561 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3561.10

Sample wt/vol: 10.28 (g/ml) G Lab File ID: BN1691.D

Level: (low/med) LOW Date Received: 05/11/98

% Moisture: 7.4 decanted:(Y/N) N Date Extracted: 05/12/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/20/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	180	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	200	U
100-02-7	4-Nitrophenol	480	U
121-14-2	2,4-Dinitrotoluene	200	U
84-66-2	Diethylphthalate	210	U
86-73-7	Fluorene	200	U
7005-72-3	4-Chlorophenyl-phenylether	200	U
100-01-6	4-Nitroaniline	300	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	190	U
103-33-3	Azobenzene	200	U
101-55-3	4-Bromophenyl-phenylether	180	U
118-74-1	Hexachlorobenzene	280	U
87-86-5	Pentachlorophenol	310	U
85-01-8	Phenanthrene	200	U
120-12-7	Anthracene	200	U
84-74-2	Di-n-butylphthalate	970	B
206-44-0	Fluoranthene	200	U
92-87-5	Benzidine	950	U
129-00-0	Pyrene	240	U
85-68-7	Butylbenzylphthalate	260	U
56-55-3	Benzo[a]anthracene	210	U
91-94-1	3,3'-Dichlorobenzidine	360	U
218-01-9	Chrysene	260	U
117-81-7	bis(2-Ethylhexyl)phthalate	200	J
117-84-0	Di-n-octylphthalate	300	U
205-99-2	Benzo[b]fluoranthene	260	U
207-08-9	Benzo[k]fluoranthene	190	U
50-32-8	Benzo[a]pyrene	200	U
193-39-5	Indeno[1,2,3-cd]pyrene	210	U
53-70-3	Dibenz[a,h]anthracene	250	U
191-24-2	Benzo[g,h,i]perylene	250	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-58

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3561 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3561.10

Sample wt/vol: 10.28 (g/ml) G Lab File ID: BN1691.D

Level: (low/med) LOW Date Received: 05/11/98

% Moisture: 7.4 decanted: (Y/N) N Date Extracted: 05/12/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/20/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 4

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-83-8	Cyclohexene	3.34	6300	JN
2. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	20.94	1500	JN
3. 000629-96-9	1-Eicosanol	26.38	7500	JN
4. 000629-96-9	1-Eicosanol	27.90	1100	JN

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-59

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3561 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3561.14

Sample wt/vol: 10.12 (g/ml) G Lab File ID: BN1692.D

Level: (low/med) LOW Date Received: 05/11/98

% Moisture: 12 decanted:(Y/N) N Date Extracted: 05/12/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/20/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
110-86-1	Pyridine	340	U
62-75-9	N-nitroso-dimethylamine	220	U
62-53-3	Aniline	240	U
108-95-2	Phenol	370	U
111-44-4	bis(2-Chloroethyl)ether	240	U
95-57-8	2-Chlorophenol	210	U
541-73-1	1,3-Dichlorobenzene	230	U
106-46-7	1,4-Dichlorobenzene	330	U
100-51-6	Benzyl alcohol	300	U
95-50-1	1,2-Dichlorobenzene	270	U
	2-Methylphenol	230	U
108-60-1	bis(2-chloroisopropyl)ether	280	U
	4-Methylphenol	300	U
621-64-7	n-Nitroso-di-n-propylamine	270	U
67-72-1	Hexachloroethane	240	U
98-95-3	Nitrobenzene	300	U
78-59-1	Isophorone	290	U
88-75-5	2-Nitrophenol	190	U
105-67-9	2,4-Dimethylphenol	330	U
111-91-1	bis(2-Chloroethoxy)methane	130	U
120-83-2	2,4-Dichlorophenol	180	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	290	U
91-20-3	Naphthalene	270	U
106-47-8	4-Chloroaniline	330	U
87-68-3	Hexachlorobutadiene	280	U
59-50-7	4-Chloro-3-methylphenol	220	U
91-57-6	2-Methylnaphthalene	310	U
77-47-4	Hexachlorocyclopentadiene	64	U
88-06-2	2,4,6-Trichlorophenol	210	U
	2,4,5-Trichlorophenol	240	U
91-58-7	2-Chloronaphthalene	200	U
88-74-4	2-Nitroaniline	190	U
131-11-3	Dimethylphthalate	170	U
208-96-8	Acenaphthylene	220	U
606-20-2	2,6-Dinitrotoluene	260	U
99-09-2	3-Nitroaniline	280	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-59

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3561 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3561.14

Sample wt/vol: 10.12 (g/ml) G Lab File ID: BN1692.D

Level: (low/med) LOW Date Received: 05/11/98

% Moisture: 12 decanted:(Y/N) N Date Extracted: 05/12/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/20/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	200	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	210	U
100-02-7	4-Nitrophenol	520	U
121-14-2	2,4-Dinitrotoluene	210	U
84-66-2	Diethylphthalate	230	U
86-73-7	Fluorene	210	U
7005-72-3	4-Chlorophenyl-phenylether	210	U
100-01-6	4-Nitroaniline	320	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	210	U
103-33-3	Azobenzene	210	U
101-55-3	4-Bromophenyl-phenylether	190	U
118-74-1	Hexachlorobenzene	300	U
87-86-5	Pentachlorophenol	330	U
85-01-8	Phenanthrene	220	U
120-12-7	Anthracene	220	U
84-74-2	Di-n-butylphthalate	430	JB
206-44-0	Fluoranthene	140	J
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	120	J
85-68-7	Butylbenzylphthalate	280	U
56-55-3	Benzo[a]anthracene	220	U
91-94-1	3,3'-Dichlorobenzidine	390	U
218-01-9	Chrysene	280	U
117-81-7	bis(2-Ethylhexyl)phthalate	310	U
117-84-0	Di-n-octylphthalate	320	U
205-99-2	Benzo[b]fluoranthene	280	U
207-08-9	Benzo[k]fluoranthene	200	U
50-32-8	Benzo[a]pyrene	210	U
193-39-5	Indeno[1,2,3-cd]pyrene	230	U
53-70-3	Dibenz[a,h]anthracene	270	U
191-24-2	Benzo[g,h,i]perylene	270	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-59

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3561 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3561.14

Sample wt/vol: 10.12 (g/ml) G Lab File ID: BN1692.D

Level: (low/med) LOW Date Received: 05/11/98

% Moisture: 12 decanted: (Y/N) N Date Extracted: 05/12/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/20/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 5

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 002597-49-1	Cyclobutane, ethenyl-	3.33	1600	JN
2. 000050-29-3	Chlorophenothane	25.57	980	JN
3. 000112-92-5	1-Octadecanol	26.38	2100	JN
4. 056554-86-0	17-Octadecenal	28.90	3300	JN
5. 000629-96-9	1-Eicosanol	29.32	1600	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-60

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3567 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3567.02

Sample wt/vol: 10.22 (g/ml) G Lab File ID: BN1724.D

Level: (low/med) LOW Date Received: 05/14/98

% Moisture: 13.55 decanted:(Y/N) N Date Extracted: 05/15/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/23/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	340	U
62-75-9	N-nitroso-dimethylamine	230	U
62-53-3	Aniline	250	U
108-95-2	Phenol	380	U
111-44-4	bis(2-Chloroethyl)ether	240	U
95-57-8	2-Chlorophenol	220	U
541-73-1	1,3-Dichlorobenzene	230	U
106-46-7	1,4-Dichlorobenzene	330	U
100-51-6	Benzyl alcohol	300	U
95-50-1	1,2-Dichlorobenzene	270	U
	2-Methylphenol	230	U
108-60-1	bis(2-chloroisopropyl)ether	280	U
	4-Methylphenol	300	U
621-64-7	n-Nitroso-di-n-propylamine	280	U
67-72-1	Hexachloroethane	240	U
98-95-3	Nitrobenzene	300	U
78-59-1	Isophorone	290	U
88-75-5	2-Nitrophenol	190	U
105-67-9	2,4-Dimethylphenol	330	U
111-91-1	bis(2-Chloroethoxy)methane	130	U
120-83-2	2,4-Dichlorophenol	180	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	300	U
91-20-3	Naphthalene	280	U
106-47-8	4-Chloroaniline	330	U
87-68-3	Hexachlorobutadiene	280	U
59-50-7	4-Chloro-3-methylphenol	220	U
91-57-6	2-Methylnaphthalene	310	U
77-47-4	Hexachlorocyclopentadiene	65	U
88-06-2	2,4,6-Trichlorophenol	210	U
	2,4,5-Trichlorophenol	240	U
91-58-7	2-Chloronaphthalene	200	U
88-74-4	2-Nitroaniline	190	U
131-11-3	Dimethylphthalate	170	U
208-96-8	Acenaphthylene	220	U
606-20-2	2,6-Dinitrotoluene	260	U
99-09-2	3-Nitroaniline	280	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-60

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3567 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3567.02

Sample wt/vol: 10.22 (g/ml) G Lab File ID: BN1724.D

Level: (low/med) LOW Date Received: 05/14/98

% Moisture: 13.55 decanted:(Y/N) N Date Extracted: 05/15/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/23/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	200	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	210	U
100-02-7	4-Nitrophenol	520	U
121-14-2	2,4-Dinitrotoluene	210	U
84-66-2	Diethylphthalate	230	U
86-73-7	Fluorene	220	U
7005-72-3	4-Chlorophenyl-phenylether	210	U
100-01-6	4-Nitroaniline	320	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	210	U
103-33-3	Azobenzene	220	U
101-55-3	4-Bromophenyl-phenylether	200	U
118-74-1	Hexachlorobenzene	300	U
87-86-5	Pentachlorophenol	330	U
85-01-8	Phenanthrene	440	
120-12-7	Anthracene	220	U
84-74-2	Di-n-butylphthalate	610	JB
206-44-0	Fluoranthene	710	
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	530	
85-68-7	Butylbenzylphthalate	280	U
56-55-3	Benzo[a]anthracene	280	
91-94-1	3,3'-Dichlorobenzidine	390	U
218-01-9	Chrysene	300	
117-81-7	bis(2-Ethylhexyl)phthalate	200	JB
117-84-0	Di-n-octylphthalate	320	U
205-99-2	Benzo[b]fluoranthene	220	J
207-08-9	Benzo[k]fluoranthene	240	
50-32-8	Benzo[a]pyrene	260	
193-39-5	Indeno[1,2,3-cd]pyrene	180	J
53-70-3	Dibenz[a,h]anthracene	270	U
191-24-2	Benzo[g,h,i]perylene	170	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-60

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3567 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3567.02

Sample wt/vol: 10.22 (g/ml) G Lab File ID: BN1724.D

Level: (low/med) LOW Date Received: 05/14/98

% Moisture: 13.55 decanted: (Y/N) N Date Extracted: 05/15/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/23/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 5 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-83-8	Cyclohexene	3.44	40000	JN
2. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	20.94	910	JN
3. 019047-85-9	Phosphonic acid, dioctadecyl est	26.38	6400	JN
4.	unknown	28.88	2000	J
5. 000629-96-9	1-Eicosanol	30.95	1400	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-61

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3567 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3567.06

Sample wt/vol: 10.32 (g/ml) G Lab File ID: BN1794.D

Level: (low/med) LOW Date Received: 05/14/98

% Moisture: 12.65 decanted:(Y/N) N Date Extracted: 05/15/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/28/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	330	U
62-75-9	N-nitroso-dimethylamine	220	U
62-53-3	Aniline	240	U
108-95-2	Phenol	370	U
111-44-4	bis(2-Chloroethyl)ether	230	U
95-57-8	2-Chlorophenol	210	U
541-73-1	1,3-Dichlorobenzene	230	U
106-46-7	1,4-Dichlorobenzene	320	U
100-51-6	Benzyl alcohol	300	U
95-50-1	1,2-Dichlorobenzene	260	U
	2-Methylphenol	230	U
108-60-1	bis(2-chloroisopropyl)ether	280	U
	4-Methylphenol	300	U
621-64-7	n-Nitroso-di-n-propylamine	270	U
67-72-1	Hexachloroethane	230	U
98-95-3	Nitrobenzene	300	U
78-59-1	Isophorone	280	U
88-75-5	2-Nitrophenol	190	U
105-67-9	2,4-Dimethylphenol	320	U
111-91-1	bis(2-Chloroethoxy)methane	130	U
120-83-2	2,4-Dichlorophenol	180	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	290	U
91-20-3	Naphthalene	270	U
106-47-8	4-Chloroaniline	330	U
87-68-3	Hexachlorobutadiene	280	U
59-50-7	4-Chloro-3-methylphenol	220	U
91-57-6	2-Methylnaphthalene	300	U
77-47-4	Hexachlorocyclopentadiene	63	U
88-06-2	2,4,6-Trichlorophenol	210	U
	2,4,5-Trichlorophenol	230	U
91-58-7	2-Chloronaphthalene	200	U
88-74-4	2-Nitroaniline	180	U
131-11-3	Dimethylphthalate	170	U
208-96-8	Acenaphthylene	210	U
606-20-2	2,6-Dinitrotoluene	250	U
99-09-2	3-Nitroaniline	280	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-61

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3567 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3567.06

Sample wt/vol: 10.32 (g/ml) G Lab File ID: BN1794.D

Level: (low/med) LOW Date Received: 05/14/98

% Moisture: 12.65 decanted:(Y/N) N Date Extracted: 05/15/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/28/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	190	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	210	U
100-02-7	4-Nitrophenol	510	U
121-14-2	2,4-Dinitrotoluene	210	U
84-66-2	Diethylphthalate	230	U
86-73-7	Fluorene	210	U
7005-72-3	4-Chlorophenyl-phenylether	210	U
100-01-6	4-Nitroaniline	310	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	200	U
103-33-3	Azobenzene	210	U
101-55-3	4-Bromophenyl-phenylether	190	U
118-74-1	Hexachlorobenzene	290	U
87-86-5	Pentachlorophenol	330	U
85-01-8	Phenanthrene	210	U
120-12-7	Anthracene	210	U
84-74-2	Di-n-butylphthalate	880	JB
206-44-0	Fluoranthene	140	J
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	150	J
85-68-7	Butylbenzylphthalate	280	U
56-55-3	Benzo[a]anthracene	220	U
91-94-1	3,3'-Dichlorobenzidine	380	U
218-01-9	Chrysene	130	J
117-81-7	bis(2-Ethylhexyl)phthalate	220	JB
117-84-0	Di-n-octylphthalate	310	U
205-99-2	Benzo[b]fluoranthene	270	U
207-08-9	Benzo[k]fluoranthene	200	U
50-32-8	Benzo[a]pyrene	210	U
193-39-5	Indeno[1,2,3-cd]pyrene	230	U
53-70-3	Dibenz[a,h]anthracene	270	U
191-24-2	Benzo[g,h,i]perylene	270	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-61

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3567 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3567.06

Sample wt/vol: 10.32 (g/ml) G Lab File ID: BN1794.D

Level: (low/med) LOW Date Received: 05/14/98

% Moisture: 12.65 decanted: (Y/N) N Date Extracted: 05/15/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/28/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 7

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-83-8	Cyclohexene	3.42	12000	JN
2. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	20.92	1500	JN
3. 000057-10-3	Hexadecanoic acid	21.76	1100	JN
4. 001599-67-3	1-Docosene	26.35	6000	JN
5. 000629-96-9	1-Eicosanol	27.87	930	JN
6.	unknown	28.85	2500	J
7. 000629-96-9	1-Eicosanol	29.29	1100	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-62

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3567 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3567.10

Sample wt/vol: 10.1 (g/ml) G Lab File ID: BN1795.D

Level: (low/med) LOW Date Received: 05/14/98

% Moisture: 11.04 decanted:(Y/N) N Date Extracted: 05/15/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/28/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	330	U
62-75-9	N-nitroso-dimethylamine	220	U
62-53-3	Aniline	240	U
108-95-2	Phenol	370	U
111-44-4	bis(2-Chloroethyl)ether	230	U
95-57-8	2-Chlorophenol	210	U
541-73-1	1,3-Dichlorobenzene	230	U
106-46-7	1,4-Dichlorobenzene	320	U
100-51-6	Benzyl alcohol	300	U
95-50-1	1,2-Dichlorobenzene	260	U
	2-Methylphenol	230	U
108-60-1	bis(2-chloroisopropyl)ether	280	U
	4-Methylphenol	300	U
621-64-7	n-Nitroso-di-n-propylamine	270	U
67-72-1	Hexachloroethane	230	U
98-95-3	Nitrobenzene	300	U
78-59-1	Isophorone	280	U
88-75-5	2-Nitrophenol	190	U
105-67-9	2,4-Dimethylphenol	320	U
111-91-1	bis(2-Chloroethoxy)methane	130	U
120-83-2	2,4-Dichlorophenol	180	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	290	U
91-20-3	Naphthalene	270	U
106-47-8	4-Chloroaniline	330	U
87-68-3	Hexachlorobutadiene	280	U
59-50-7	4-Chloro-3-methylphenol	220	U
91-57-6	2-Methylnaphthalene	300	U
77-47-4	Hexachlorocyclopentadiene	63	U
88-06-2	2,4,6-Trichlorophenol	210	U
	2,4,5-Trichlorophenol	230	U
91-58-7	2-Chloronaphthalene	200	U
88-74-4	2-Nitroaniline	180	U
131-11-3	Dimethylphthalate	170	U
208-96-8	Acenaphthylene	210	U
606-20-2	2,6-Dinitrotoluene	250	U
99-09-2	3-Nitroaniline	280	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-62

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3567 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3567.10

Sample wt/vol: 10.1 (g/ml) G Lab File ID: BN1795.D

Level: (low/med) LOW Date Received: 05/14/98

% Moisture: 11.04 decanted:(Y/N) N Date Extracted: 05/15/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/28/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	190	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	210	U
100-02-7	4-Nitrophenol	510	U
121-14-2	2,4-Dinitrotoluene	210	U
84-66-2	Diethylphthalate	230	U
86-73-7	Fluorene	210	U
7005-72-3	4-Chlorophenyl-phenylether	210	U
100-01-6	4-Nitroaniline	310	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	200	U
103-33-3	Azobenzene	210	U
101-55-3	4-Bromophenyl-phenylether	190	U
118-74-1	Hexachlorobenzene	290	U
87-86-5	Pentachlorophenol	330	U
85-01-8	Phenanthrene	210	U
120-12-7	Anthracene	210	U
84-74-2	Di-n-butylphthalate	450	JB
206-44-0	Fluoranthene	220	U
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	250	U
85-68-7	Butylbenzylphthalate	280	U
56-55-3	Benzo[a]anthracene	220	U
91-94-1	3,3'-Dichlorobenzidine	380	U
218-01-9	Chrysene	280	U
117-81-7	bis(2-Ethylhexyl)phthalate	110	JB
117-84-0	Di-n-octylphthalate	310	U
205-99-2	Benzo[b]fluoranthene	270	U
207-08-9	Benzo[k]fluoranthene	200	U
50-32-8	Benzo[a]pyrene	210	U
193-39-5	Indeno[1,2,3-cd]pyrene	230	U
53-70-3	Dibenz[a,h]anthracene	270	U
191-24-2	Benzo[g,h,i]perylene	270	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-62

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3567 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3567.10

Sample wt/vol: 10.1 (g/ml) G Lab File ID: BN1795.D

Level: (low/med) LOW Date Received: 05/14/98

% Moisture: 11.04 decanted: (Y/N) N Date Extracted: 05/15/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/28/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000629-96-9	1-Eicosanol	26.35	5900	JN
2.	unknown	28.85	1000	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-63

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3567 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3567.14

Sample wt/vol: 10.57 (g/ml) G Lab File ID: BN1729.D

Level: (low/med) LOW Date Received: 05/14/98

% Moisture: 10.12 decanted:(Y/N) N Date Extracted: 05/15/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/23/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	310	U
62-75-9	N-nitroso-dimethylamine	210	U
62-53-3	Aniline	230	U
108-95-2	Phenol	350	U
111-44-4	bis(2-Chloroethyl)ether	220	U
95-57-8	2-Chlorophenol	200	U
541-73-1	1,3-Dichlorobenzene	220	U
106-46-7	1,4-Dichlorobenzene	310	U
100-51-6	Benzyl alcohol	280	U
95-50-1	1,2-Dichlorobenzene	250	U
	2-Methylphenol	220	U
108-60-1	bis(2-chloroisopropyl)ether	260	U
	4-Methylphenol	280	U
621-64-7	n-Nitroso-di-n-propylamine	260	U
67-72-1	Hexachloroethane	220	U
98-95-3	Nitrobenzene	280	U
78-59-1	Isophorone	270	U
88-75-5	2-Nitrophenol	180	U
105-67-9	2,4-Dimethylphenol	310	U
111-91-1	bis(2-Chloroethoxy)methane	130	U
120-83-2	2,4-Dichlorophenol	170	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	280	U
91-20-3	Naphthalene	260	U
106-47-8	4-Chloroaniline	310	U
87-68-3	Hexachlorobutadiene	260	U
59-50-7	4-Chloro-3-methylphenol	210	U
91-57-6	2-Methylnaphthalene	290	U
77-47-4	Hexachlorocyclopentadiene	60	U
88-06-2	2,4,6-Trichlorophenol	200	U
	2,4,5-Trichlorophenol	220	U
91-58-7	2-Chloronaphthalene	190	U
88-74-4	2-Nitroaniline	170	U
131-11-3	Dimethylphthalate	160	U
208-96-8	Acenaphthylene	140	J
606-20-2	2,6-Dinitrotoluene	240	U
99-09-2	3-Nitroaniline	260	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-63

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3567 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3567.14

Sample wt/vol: 10.57 (g/ml) G Lab File ID: BN1729.D

Level: (low/med) LOW Date Received: 05/14/98

% Moisture: 10.12 decanted:(Y/N) N Date Extracted: 05/15/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/23/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	180	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	200	U
100-02-7	4-Nitrophenol	480	U
121-14-2	2,4-Dinitrotoluene	200	U
84-66-2	Diethylphthalate	210	U
86-73-7	Fluorene	200	U
7005-72-3	4-Chlorophenyl-phenylether	200	U
100-01-6	4-Nitroaniline	300	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	190	U
103-33-3	Azobenzene	200	U
101-55-3	4-Bromophenyl-phenylether	180	U
118-74-1	Hexachlorobenzene	280	U
87-86-5	Pentachlorophenol	310	U
85-01-8	Phenanthrene	540	
120-12-7	Anthracene	200	U
84-74-2	Di-n-butylphthalate	380	JB
206-44-0	Fluoranthene	890	
92-87-5	Benzidine	950	U
129-00-0	Pyrene	1300	
85-68-7	Butylbenzylphthalate	260	U
56-55-3	Benzo[a]anthracene	560	
91-94-1	3,3'-Dichlorobenzidine	360	U
218-01-9	Chrysene	880	
117-81-7	bis(2-Ethylhexyl)phthalate	210	JB
117-84-0	Di-n-octylphthalate	300	U
205-99-2	Benzo[b]fluoranthene	410	
207-08-9	Benzo[k]fluoranthene	520	
50-32-8	Benzo[a]pyrene	580	
193-39-5	Indeno[1,2,3-cd]pyrene	370	
53-70-3	Dibenz[a,h]anthracene	250	U
191-24-2	Benzo[g,h,i]perylene	440	

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-63

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3567 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3567.14

Sample wt/vol: 10.57 (g/ml) G Lab File ID: BN1729.D

Level: (low/med) LOW Date Received: 05/14/98

% Moisture: 10.12 decanted: (Y/N) N Date Extracted: 05/15/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/23/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 7

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000057-10-3	Hexadecanoic acid	21.77	1300	JN
2. 000238-84-6	11H-Benzo[a]fluorene	24.50	1100	JN
3. 001599-67-3	1-Docosene	26.38	7900	JN
4. 001454-84-8	1-Nonadecanol	27.89	940	JN
5.	unknown	28.88	930	J
6. 000629-96-9	1-Eicosanol	30.95	1800	JN
7.	unknown	31.96	970	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-64

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3567 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3567.19

Sample wt/vol: 10.05 (g/ml) G Lab File ID: BN1796.D

Level: (low/med) LOW Date Received: 05/14/98

% Moisture: 17.15 decanted:(Y/N) N Date Extracted: 05/15/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/28/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	360	U
62-75-9	N-nitroso-dimethylamine	240	U
62-53-3	Aniline	260	U
108-95-2	Phenol	400	U
111-44-4	bis(2-Chloroethyl)ether	250	U
95-57-8	2-Chlorophenol	230	U
541-73-1	1,3-Dichlorobenzene	250	U
106-46-7	1,4-Dichlorobenzene	350	U
100-51-6	Benzyl alcohol	320	U
95-50-1	1,2-Dichlorobenzene	280	U
	2-Methylphenol	250	U
108-60-1	bis(2-chloroisopropyl)ether	300	U
	4-Methylphenol	320	U
621-64-7	n-Nitroso-di-n-propylamine	290	U
67-72-1	Hexachloroethane	250	U
98-95-3	Nitrobenzene	320	U
78-59-1	Isophorone	310	U
88-75-5	2-Nitrophenol	200	U
105-67-9	2,4-Dimethylphenol	350	U
111-91-1	bis(2-Chloroethoxy)methane	140	U
120-83-2	2,4-Dichlorophenol	190	U
65-85-0	Benzoic Acid	1200	U
120-82-1	1,2,4-Trichlorobenzene	310	U
91-20-3	Naphthalene	290	U
106-47-8	4-Chloroaniline	350	U
87-68-3	Hexachlorobutadiene	300	U
59-50-7	4-Chloro-3-methylphenol	230	U
91-57-6	2-Methylnaphthalene	330	U
77-47-4	Hexachlorocyclopentadiene	68	U
88-06-2	2,4,6-Trichlorophenol	230	U
	2,4,5-Trichlorophenol	250	U
91-58-7	2-Chloronaphthalene	210	U
88-74-4	2-Nitroaniline	200	U
131-11-3	Dimethylphthalate	180	U
208-96-8	Acenaphthylene	150	J
606-20-2	2,6-Dinitrotoluene	270	U
99-09-2	3-Nitroaniline	300	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-64

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3567 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3567.19

Sample wt/vol: 10.05 (g/ml) G Lab File ID: BN1796.D

Level: (low/med) LOW Date Received: 05/14/98

% Moisture: 17.15 decanted:(Y/N) N Date Extracted: 05/15/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/28/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	210	U
51-28-5	2,4-Dinitrophenol	1200	U
132-64-9	Dibenzofuran	220	U
100-02-7	4-Nitrophenol	550	U
121-14-2	2,4-Dinitrotoluene	220	U
84-66-2	Diethylphthalate	240	U
86-73-7	Fluorene	230	U
7005-72-3	4-Chlorophenyl-phenylether	230	U
100-01-6	4-Nitroaniline	340	U
534-52-1	4,6-Dinitro-2-methylphenol	1200	U
86-30-6	n-Nitrosodiphenylamine	220	U
103-33-3	Azobenzene	230	U
101-55-3	4-Bromophenyl-phenylether	210	U
118-74-1	Hexachlorobenzene	320	U
87-86-5	Pentachlorophenol	350	U
85-01-8	Phenanthrene	1100	
120-12-7	Anthracene	230	U
84-74-2	Di-n-butylphthalate	820	JB
206-44-0	Fluoranthene	1200	
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	2200	
85-68-7	Butylbenzylphthalate	300	U
56-55-3	Benzo[a]anthracene	660	
91-94-1	3,3'-Dichlorobenzidine	410	U
218-01-9	Chrysene	1500	
117-81-7	bis(2-Ethylhexyl)phthalate	280	JB
117-84-0	Di-n-octylphthalate	340	U
205-99-2	Benzo[b]fluoranthene	560	
207-08-9	Benzo[k]fluoranthene	560	
50-32-8	Benzo[a]pyrene	660	
193-39-5	Indeno[1,2,3-cd]pyrene	440	
53-70-3	Dibenz[a,h]anthracene	290	U
191-24-2	Benzo[g,h,i]perylene	540	

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-64

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3567 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3567.19

Sample wt/vol: 10.05 (g/ml) G Lab File ID: BN1796.D

Level: (low/med) LOW Date Received: 05/14/98

% Moisture: 17.15 decanted: (Y/N) N Date Extracted: 05/15/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/28/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 13

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-83-8	Cyclohexene	3.41	23000	JN
2. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	20.92	1500	JN
3. 000057-10-3	Hexadecanoic acid	21.76	2600	JN
4.	unknown	24.48	1800	J
5. 003442-78-2	Pyrene, 2-methyl-	24.71	980	JN
6. 001599-67-3	1-Docosene	26.36	8500	JN
7. 000629-96-9	1-Eicosanol	27.87	1300	JN
8.	unknown	28.87	3800	J
9. 000544-76-3	Hexadecane	29.25	1100	JN
10.	unknown	29.30	3000	J
11. 000630-06-8	Hexatriacontane	30.82	2100	JN
12. 000629-96-9	1-Eicosanol	30.92	2100	JN
13.	unknown	31.93	980	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-65

Lab Name: FMETL NJDEP: M-513461

Project: 980211 Case No: 3571 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3571.02

Sample wt/vol: 10.45 (g/ml) G Lab File ID: BN1799.D

Level: (low/med) LOW Date Received: 05/15/98

% Moisture: 12.24 decanted:(Y/N) N Date Extracted: 05/18/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/28/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	330	U
62-75-9	N-nitroso-dimethylamine	220	U
62-53-3	Aniline	240	U
108-95-2	Phenol	360	U
111-44-4	bis(2-Chloroethyl)ether	230	U
95-57-8	2-Chlorophenol	210	U
541-73-1	1,3-Dichlorobenzene	230	U
106-46-7	1,4-Dichlorobenzene	320	U
100-51-6	Benzyl alcohol	290	U
95-50-1	1,2-Dichlorobenzene	260	U
	2-Methylphenol	220	U
108-60-1	bis(2-chloroisopropyl)ether	270	U
	4-Methylphenol	290	U
621-64-7	n-Nitroso-di-n-propylamine	270	U
67-72-1	Hexachloroethane	230	U
98-95-3	Nitrobenzene	290	U
78-59-1	Isophorone	280	U
88-75-5	2-Nitrophenol	180	U
105-67-9	2,4-Dimethylphenol	320	U
111-91-1	bis(2-Chloroethoxy)methane	130	U
120-83-2	2,4-Dichlorophenol	170	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	290	U
91-20-3	Naphthalene	270	U
106-47-8	4-Chloroaniline	320	U
87-68-3	Hexachlorobutadiene	270	U
59-50-7	4-Chloro-3-methylphenol	210	U
91-57-6	2-Methylnaphthalene	300	U
77-47-4	Hexachlorocyclopentadiene	62	U
88-06-2	2,4,6-Trichlorophenol	200	U
	2,4,5-Trichlorophenol	230	U
91-58-7	2-Chloronaphthalene	190	U
88-74-4	2-Nitroaniline	180	U
131-11-3	Dimethylphthalate	160	U
208-96-8	Acenaphthylene	210	U
606-20-2	2,6-Dinitrotoluene	250	U
99-09-2	3-Nitroaniline	270	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-65

Lab Name: FMETL NJDEP: M-513461

Project: 980211 Case No: 3571 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3571.02

Sample wt/vol: 10.45 (g/ml) G Lab File ID: BN1799.D

Level: (low/med) LOW Date Received: 05/15/98

% Moisture: 12.24 decanted:(Y/N) N Date Extracted: 05/18/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/28/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	190	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	200	U
100-02-7	4-Nitrophenol	500	U
121-14-2	2,4-Dinitrotoluene	200	U
84-66-2	Diethylphthalate	220	U
86-73-7	Fluorene	210	U
7005-72-3	4-Chlorophenyl-phenylether	200	U
100-01-6	4-Nitroaniline	310	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	200	U
103-33-3	Azobenzene	210	U
101-55-3	4-Bromophenyl-phenylether	190	U
118-74-1	Hexachlorobenzene	290	U
87-86-5	Pentachlorophenol	320	U
85-01-8	Phenanthrene	210	U
120-12-7	Anthracene	210	U
84-74-2	Di-n-butylphthalate	210	JB
206-44-0	Fluoranthene	210	U
92-87-5	Benzidine	990	U
129-00-0	Pyrene	250	U
85-68-7	Butylbenzylphthalate	270	U
56-55-3	Benzo[a]anthracene	210	U
91-94-1	3,3'-Dichlorobenzidine	380	U
218-01-9	Chrysene	270	U
117-81-7	bis(2-Ethylhexyl)phthalate	300	U
117-84-0	Di-n-octylphthalate	310	U
205-99-2	Benzo[b]fluoranthene	270	U
207-08-9	Benzo[k]fluoranthene	200	U
50-32-8	Benzo[a]pyrene	200	U
193-39-5	Indeno[1,2,3-cd]pyrene	220	U
53-70-3	Dibenz[a,h]anthracene	260	U
191-24-2	Benzo[g,h,i]perylene	260	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-65

Lab Name: FMETL NJDEP: M-513461

Project: 980211 Case No: 3571 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3571.02

Sample wt/vol: 10.45 (g/ml) G Lab File ID: BN1799.D

Level: (low/med) LOW Date Received: 05/15/98

% Moisture: 12.24 decanted: (Y/N) N Date Extracted: 05/18/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/28/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 1

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000629-96-9	1-Eicosanol	26.35	9100	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-66

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3571 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3571.06

Sample wt/vol: 10.77 (g/ml) G Lab File ID: BN1735.D

Level: (low/med) LOW Date Received: 05/15/98

% Moisture: 12.26 decanted:(Y/N) N Date Extracted: 05/18/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/23/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	320	U
62-75-9	N-nitroso-dimethylamine	210	U
62-53-3	Aniline	230	U
108-95-2	Phenol	350	U
111-44-4	bis(2-Chloroethyl)ether	220	U
95-57-8	2-Chlorophenol	200	U
541-73-1	1,3-Dichlorobenzene	220	U
106-46-7	1,4-Dichlorobenzene	310	U
100-51-6	Benzyl alcohol	280	U
95-50-1	1,2-Dichlorobenzene	250	U
	2-Methylphenol	220	U
108-60-1	bis(2-chloroisopropyl)ether	270	U
	4-Methylphenol	280	U
621-64-7	n-Nitroso-di-n-propylamine	260	U
67-72-1	Hexachloroethane	220	U
98-95-3	Nitrobenzene	280	U
78-59-1	Isophorone	270	U
88-75-5	2-Nitrophenol	180	U
105-67-9	2,4-Dimethylphenol	310	U
111-91-1	bis(2-Chloroethoxy)methane	130	U
120-83-2	2,4-Dichlorophenol	170	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	280	U
91-20-3	Naphthalene	260	U
106-47-8	4-Chloroaniline	310	U
87-68-3	Hexachlorobutadiene	260	U
59-50-7	4-Chloro-3-methylphenol	210	U
91-57-6	2-Methylnaphthalene	290	U
77-47-4	Hexachlorocyclopentadiene	60	U
88-06-2	2,4,6-Trichlorophenol	200	U
	2,4,5-Trichlorophenol	220	U
91-58-7	2-Chloronaphthalene	190	U
88-74-4	2-Nitroaniline	180	U
131-11-3	Dimethylphthalate	160	U
208-96-8	Acenaphthylene	200	U
606-20-2	2,6-Dinitrotoluene	240	U
99-09-2	3-Nitroaniline	270	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-66

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3571 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3571.06

Sample wt/vol: 10.77 (g/ml) G Lab File ID: BN1735.D

Level: (low/med) LOW Date Received: 05/15/98

% Moisture: 12.26 decanted:(Y/N) N Date Extracted: 05/18/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/23/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
83-32-9	Acenaphthene	190	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	200	U
100-02-7	4-Nitrophenol	490	U
121-14-2	2,4-Dinitrotoluene	200	U
84-66-2	Diethylphthalate	210	U
86-73-7	Fluorene	200	U
7005-72-3	4-Chlorophenyl-phenylether	200	U
100-01-6	4-Nitroaniline	300	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	190	U
103-33-3	Azobenzene	200	U
101-55-3	4-Bromophenyl-phenylether	180	U
118-74-1	Hexachlorobenzene	280	U
87-86-5	Pentachlorophenol	310	U
85-01-8	Phenanthrene	200	U
120-12-7	Anthracene	200	U
84-74-2	Di-n-butylphthalate	590	JB
206-44-0	Fluoranthene	170	J
92-87-5	Benzidine	960	U
129-00-0	Pyrene	150	J
85-68-7	Butylbenzylphthalate	270	U
56-55-3	Benzo[a]anthracene	210	U
91-94-1	3,3'-Dichlorobenzidine	360	U
218-01-9	Chrysene	120	J
117-81-7	bis(2-Ethylhexyl)phthalate	120	JB
117-84-0	Di-n-octylphthalate	300	U
205-99-2	Benzo[b]fluoranthene	110	J
207-08-9	Benzo[k]fluoranthene	110	J
50-32-8	Benzo[a]pyrene	120	J
193-39-5	Indeno[1,2,3-cd]pyrene	220	U
53-70-3	Dibenz[a,h]anthracene	250	U
191-24-2	Benzo[g,h,i]perylene	250	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-66

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3571 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3571.06

Sample wt/vol: 10.77 (g/ml) G Lab File ID: BN1735.D

Level: (low/med) LOW Date Received: 05/15/98

% Moisture: 12.26 decanted: (Y/N) N Date Extracted: 05/18/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/23/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 3

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	20.94	900	JN
2. 019047-85-9	Phosphonic acid, dioctadecyl est	26.37	7300	JN
3. 000629-96-9	1-Eicosanol	27.90	850	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-67

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3571 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3571.10

Sample wt/vol: 10.05 (g/ml) G Lab File ID: BN1736.D

Level: (low/med) LOW Date Received: 05/15/98

% Moisture: 11.84 decanted:(Y/N) N Date Extracted: 05/18/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/23/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	340	U
62-75-9	N-nitroso-dimethylamine	230	U
62-53-3	Aniline	250	U
108-95-2	Phenol	380	U
111-44-4	bis(2-Chloroethyl)ether	240	U
95-57-8	2-Chlorophenol	220	U
541-73-1	1,3-Dichlorobenzene	230	U
106-46-7	1,4-Dichlorobenzene	330	U
100-51-6	Benzyl alcohol	300	U
95-50-1	1,2-Dichlorobenzene	270	U
	2-Methylphenol	230	U
108-60-1	bis(2-chloroisopropyl)ether	280	U
	4-Methylphenol	300	U
621-64-7	n-Nitroso-di-n-propylamine	280	U
67-72-1	Hexachloroethane	240	U
98-95-3	Nitrobenzene	300	U
78-59-1	Isophorone	290	U
88-75-5	2-Nitrophenol	190	U
105-67-9	2,4-Dimethylphenol	330	U
111-91-1	bis(2-Chloroethoxy)methane	130	U
120-83-2	2,4-Dichlorophenol	180	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	300	U
91-20-3	Naphthalene	280	U
106-47-8	4-Chloroaniline	330	U
87-68-3	Hexachlorobutadiene	280	U
59-50-7	4-Chloro-3-methylphenol	220	U
91-57-6	2-Methylnaphthalene	310	U
77-47-4	Hexachlorocyclopentadiene	64	U
88-06-2	2,4,6-Trichlorophenol	210	U
	2,4,5-Trichlorophenol	240	U
91-58-7	2-Chloronaphthalene	200	U
88-74-4	2-Nitroaniline	190	U
131-11-3	Dimethylphthalate	170	U
208-96-8	Acenaphthylene	190	J
606-20-2	2,6-Dinitrotoluene	260	U
99-09-2	3-Nitroaniline	280	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-67

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3571 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3571.10

Sample wt/vol: 10.05 (g/ml) G Lab File ID: BN1736.D

Level: (low/med) LOW Date Received: 05/15/98

% Moisture: 11.84 decanted:(Y/N) N Date Extracted: 05/18/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/23/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	200	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	210	U
100-02-7	4-Nitrophenol	520	U
121-14-2	2,4-Dinitrotoluene	210	U
84-66-2	Diethylphthalate	230	U
86-73-7	Fluorene	220	U
7005-72-3	4-Chlorophenyl-phenylether	210	U
100-01-6	4-Nitroaniline	320	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	210	U
103-33-3	Azobenzene	220	U
101-55-3	4-Bromophenyl-phenylether	200	U
118-74-1	Hexachlorobenzene	300	U
87-86-5	Pentachlorophenol	330	U
85-01-8	Phenanthrene	1500	
120-12-7	Anthracene	220	U
84-74-2	Di-n-butylphthalate	250	JB
206-44-0	Fluoranthene	1200	
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	2100	
85-68-7	Butylbenzylphthalate	280	U
56-55-3	Benzo[a]anthracene	760	
91-94-1	3,3'-Dichlorobenzidine	390	U
218-01-9	Chrysene	1200	
117-81-7	bis(2-Ethylhexyl)phthalate	310	U
117-84-0	Di-n-octylphthalate	320	U
205-99-2	Benzo[b]fluoranthene	410	
207-08-9	Benzo[k]fluoranthene	530	
50-32-8	Benzo[a]pyrene	720	
193-39-5	Indeno[1,2,3-cd]pyrene	430	
53-70-3	Dibenz[a,h]anthracene	270	U
191-24-2	Benzo[g,h,i]perylene	530	

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-67

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3571 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3571.10

Sample wt/vol: 10.05 (g/ml) G Lab File ID: BN1736.D

Level: (low/med) LOW Date Received: 05/15/98

% Moisture: 11.84 decanted: (Y/N) N Date Extracted: 05/18/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/23/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 5 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 002531-84-2	Phenanthrene, 2-methyl-	21.74	1000	JN
2. 000238-84-6	11H-Benzo[a]fluorene	24.50	1900	JN
3. 002381-21-7	Pyrene, 1-methyl-	24.73	960	JN
4. 001599-67-3	1-Docosene	26.38	7700	JN
5. 000629-96-9	1-Eicosanol	27.89	960	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-68

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3571 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3571.13

Sample wt/vol: 10.72 (g/ml) G Lab File ID: BN1737.D

Level: (low/med) LOW Date Received: 05/15/98

% Moisture: 12.73 decanted:(Y/N) N Date Extracted: 05/18/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/23/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	320	U
62-75-9	N-nitroso-dimethylamine	210	U
62-53-3	Aniline	230	U
108-95-2	Phenol	360	U
111-44-4	bis(2-Chloroethyl)ether	220	U
95-57-8	2-Chlorophenol	200	U
541-73-1	1,3-Dichlorobenzene	220	U
106-46-7	1,4-Dichlorobenzene	310	U
100-51-6	Benzyl alcohol	290	U
95-50-1	1,2-Dichlorobenzene	250	U
	2-Methylphenol	220	U
108-60-1	bis(2-chloroisopropyl)ether	270	U
	4-Methylphenol	290	U
621-64-7	n-Nitroso-di-n-propylamine	260	U
67-72-1	Hexachloroethane	220	U
98-95-3	Nitrobenzene	290	U
78-59-1	Isophorone	270	U
88-75-5	2-Nitrophenol	180	U
105-67-9	2,4-Dimethylphenol	310	U
111-91-1	bis(2-Chloroethoxy)methane	130	U
120-83-2	2,4-Dichlorophenol	170	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	280	U
91-20-3	Naphthalene	260	U
106-47-8	4-Chloroaniline	310	U
87-68-3	Hexachlorobutadiene	270	U
59-50-7	4-Chloro-3-methylphenol	210	U
91-57-6	2-Methylnaphthalene	290	U
77-47-4	Hexachlorocyclopentadiene	61	U
88-06-2	2,4,6-Trichlorophenol	200	U
	2,4,5-Trichlorophenol	220	U
91-58-7	2-Chloronaphthalene	190	U
88-74-4	2-Nitroaniline	180	U
131-11-3	Dimethylphthalate	160	U
208-96-8	Acenaphthylene	210	U
606-20-2	2,6-Dinitrotoluene	240	U
99-09-2	3-Nitroaniline	270	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-68

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3571 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3571.13

Sample wt/vol: 10.72 (g/ml) G Lab File ID: BN1737.D

Level: (low/med) LOW Date Received: 05/15/98

% Moisture: 12.73 decanted:(Y/N) N Date Extracted: 05/18/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/23/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
83-32-9	Acenaphthene	190	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	200	U
100-02-7	4-Nitrophenol	490	U
121-14-2	2,4-Dinitrotoluene	200	U
84-66-2	Diethylphthalate	220	U
86-73-7	Fluorene	200	U
7005-72-3	4-Chlorophenyl-phenylether	200	U
100-01-6	4-Nitroaniline	300	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	200	U
103-33-3	Azobenzene	200	U
101-55-3	4-Bromophenyl-phenylether	180	U
118-74-1	Hexachlorobenzene	280	U
87-86-5	Pentachlorophenol	320	U
85-01-8	Phenanthrene	170	J
120-12-7	Anthracene	210	U
84-74-2	Di-n-butylphthalate	180	JB
206-44-0	Fluoranthene	140	J
92-87-5	Benzidine	970	U
129-00-0	Pyrene	200	J
85-68-7	Butylbenzylphthalate	270	U
56-55-3	Benzo[a]anthracene	210	U
91-94-1	3,3'-Dichlorobenzidine	370	U
218-01-9	Chrysene	180	J
117-81-7	bis(2-Ethylhexyl)phthalate	300	U
117-84-0	Di-n-octylphthalate	300	U
205-99-2	Benzo[b]fluoranthene	260	U
207-08-9	Benzo[k]fluoranthene	190	U
50-32-8	Benzo[a]pyrene	200	U
193-39-5	Indeno[1,2,3-cd]pyrene	220	U
53-70-3	Dibenz[a,h]anthracene	260	U
191-24-2	Benzo[g,h,i]perylene	260	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-68

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3571 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3571.13

Sample wt/vol: 10.72 (g/ml) G Lab File ID: BN1737.D

Level: (low/med) LOW Date Received: 05/15/98

% Moisture: 12.73 decanted: (Y/N) N Date Extracted: 05/18/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/23/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 1

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 019047-85-9	Phosphonic acid, dioctadecyl est	26.38	8600	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-69

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3571 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3571.17

Sample wt/vol: 10.84 (g/ml) G Lab File ID: BN1738.D

Level: (low/med) LOW Date Received: 05/15/98

% Moisture: 14.52 decanted:(Y/N) N Date Extracted: 05/18/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/23/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	320	U
62-75-9	N-nitroso-dimethylamine	220	U
62-53-3	Aniline	240	U
108-95-2	Phenol	360	U
111-44-4	bis(2-Chloroethyl)ether	230	U
95-57-8	2-Chlorophenol	210	U
541-73-1	1,3-Dichlorobenzene	220	U
106-46-7	1,4-Dichlorobenzene	320	U
100-51-6	Benzyl alcohol	290	U
95-50-1	1,2-Dichlorobenzene	250	U
	2-Methylphenol	220	U
108-60-1	bis(2-chloroisopropyl)ether	270	U
	4-Methylphenol	290	U
621-64-7	n-Nitroso-di-n-propylamine	260	U
67-72-1	Hexachloroethane	230	U
98-95-3	Nitrobenzene	290	U
78-59-1	Isophorone	280	U
88-75-5	2-Nitrophenol	180	U
105-67-9	2,4-Dimethylphenol	320	U
111-91-1	bis(2-Chloroethoxy)methane	130	U
120-83-2	2,4-Dichlorophenol	170	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	280	U
91-20-3	Naphthalene	120	J
106-47-8	4-Chloroaniline	320	U
87-68-3	Hexachlorobutadiene	270	U
59-50-7	4-Chloro-3-methylphenol	210	U
91-57-6	2-Methylnaphthalene	140	J
77-47-4	Hexachlorocyclopentadiene	62	U
88-06-2	2,4,6-Trichlorophenol	200	U
	2,4,5-Trichlorophenol	230	U
91-58-7	2-Chloronaphthalene	190	U
88-74-4	2-Nitroaniline	180	U
131-11-3	Dimethylphthalate	160	U
208-96-8	Acenaphthylene	210	U
606-20-2	2,6-Dinitrotoluene	250	U
99-09-2	3-Nitroaniline	270	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-69

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3571 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3571.17

Sample wt/vol: 10.84 (g/ml) G Lab File ID: BN1738.D

Level: (low/med) LOW Date Received: 05/15/98

% Moisture: 14.52 decanted:(Y/N) N Date Extracted: 05/18/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/23/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	190	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	200	U
100-02-7	4-Nitrophenol	500	U
121-14-2	2,4-Dinitrotoluene	200	U
84-66-2	Diethylphthalate	220	U
86-73-7	Fluorene	210	U
7005-72-3	4-Chlorophenyl-phenylether	200	U
100-01-6	4-Nitroaniline	300	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	200	U
103-33-3	Azobenzene	210	U
101-55-3	4-Bromophenyl-phenylether	190	U
118-74-1	Hexachlorobenzene	280	U
87-86-5	Pentachlorophenol	320	U
85-01-8	Phenanthrene	950	
120-12-7	Anthracene	150	J
84-74-2	Di-n-butylphthalate	220	JB
206-44-0	Fluoranthene	1500	
92-87-5	Benzidine	980	U
129-00-0	Pyrene	1300	
85-68-7	Butylbenzylphthalate	270	U
56-55-3	Benzo[a]anthracene	700	
91-94-1	3,3'-Dichlorobenzidine	370	U
218-01-9	Chrysene	970	
117-81-7	bis(2-Ethylhexyl)phthalate	110	JB
117-84-0	Di-n-octylphthalate	300	U
205-99-2	Benzo[b]fluoranthene	740	
207-08-9	Benzo[k]fluoranthene	700	
50-32-8	Benzo[a]pyrene	720	
193-39-5	Indeno[1,2,3-cd]pyrene	470	
53-70-3	Dibenz[a,h]anthracene	260	U
191-24-2	Benzo[g,h,i]perylene	450	

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-69

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3571 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3571.17

Sample wt/vol: 10.84 (g/ml) G Lab File ID: BN1738.D

Level: (low/med) LOW Date Received: 05/15/98

% Moisture: 14.52 decanted: (Y/N) N Date Extracted: 05/18/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/23/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 5 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000057-10-3	Hexadecanoic acid	21.77	1100	JN
2. 001599-67-3	1-Docosene	26.38	7700	JN
3. 038043-98-0	2-Hepten-4-one, 6-hydroxy-2-met	27.89	880	JN
4. 000506-52-5	1-Hexacosanol	30.95	1200	JN
5.	unknown	31.96	870	J

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-70

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3576 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3576.02

Sample wt/vol: 10.49 (g/ml) G Lab File ID: BN1788.D

Level: (low/med) LOW Date Received: 05/18/98

% Moisture: 10.78 decanted:(Y/N) N Date Extracted: 05/20/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/28/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	190	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	200	U
100-02-7	4-Nitrophenol	490	U
121-14-2	2,4-Dinitrotoluene	200	U
84-66-2	Diethylphthalate	220	U
86-73-7	Fluorene	200	U
7005-72-3	4-Chlorophenyl-phenylether	200	U
100-01-6	4-Nitroaniline	300	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	200	U
103-33-3	Azobenzene	200	U
101-55-3	4-Bromophenyl-phenylether	180	U
118-74-1	Hexachlorobenzene	280	U
87-86-5	Pentachlorophenol	320	U
85-01-8	Phenanthrene	210	U
120-12-7	Anthracene	210	U
84-74-2	Di-n-butylphthalate	540	JB
206-44-0	Fluoranthene	210	U
92-87-5	Benzidine	970	U
129-00-0	Pyrene	240	U
85-68-7	Butylbenzylphthalate	270	U
56-55-3	Benzo[a]anthracene	210	U
91-94-1	3,3'-Dichlorobenzidine	370	U
218-01-9	Chrysene	270	U
117-81-7	bis(2-Ethylhexyl)phthalate	300	U
117-84-0	Di-n-octylphthalate	300	U
205-99-2	Benzo[b]fluoranthene	260	U
207-08-9	Benzo[k]fluoranthene	190	U
50-32-8	Benzo[a]pyrene	200	U
193-39-5	Indeno[1,2,3-cd]pyrene	220	U
53-70-3	Dibenz[a,h]anthracene	260	U
191-24-2	Benzo[g,h,i]perylene	260	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-70

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3576 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3576.02

Sample wt/vol: 10.49 (g/ml) G Lab File ID: BN1788.D

Level: (low/med) LOW Date Received: 05/18/98

% Moisture: 10.78 decanted: (Y/N) N Date Extracted: 05/20/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/28/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	20.92	1100	JN
2. 019047-85-9	Phosphonic acid, dioctadecyl est	26.35	8200	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-70

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3576 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3576.02

Sample wt/vol: 10.49 (g/ml) G Lab File ID: BN1788.D

Level: (low/med) LOW Date Received: 05/18/98

% Moisture: 10.78 decanted:(Y/N) N Date Extracted: 05/20/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/28/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	320	U
62-75-9	N-nitroso-dimethylamine	210	U
62-53-3	Aniline	230	U
108-95-2	Phenol	360	U
111-44-4	bis(2-Chloroethyl)ether	220	U
95-57-8	2-Chlorophenol	200	U
541-73-1	1,3-Dichlorobenzene	220	U
106-46-7	1,4-Dichlorobenzene	310	U
100-51-6	Benzyl alcohol	290	U
95-50-1	1,2-Dichlorobenzene	250	U
	2-Methylphenol	220	U
108-60-1	bis(2-chloroisopropyl)ether	270	U
	4-Methylphenol	290	U
621-64-7	n-Nitroso-di-n-propylamine	260	U
67-72-1	Hexachloroethane	220	U
98-95-3	Nitrobenzene	290	U
78-59-1	Isophorone	270	U
88-75-5	2-Nitrophenol	180	U
105-67-9	2,4-Dimethylphenol	310	U
111-91-1	bis(2-Chloroethoxy)methane	130	U
120-83-2	2,4-Dichlorophenol	170	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	280	U
91-20-3	Naphthalene	260	U
106-47-8	4-Chloroaniline	310	U
87-68-3	Hexachlorobutadiene	270	U
59-50-7	4-Chloro-3-methylphenol	210	U
91-57-6	2-Methylnaphthalene	290	U
77-47-4	Hexachlorocyclopentadiene	61	U
88-06-2	2,4,6-Trichlorophenol	200	U
	2,4,5-Trichlorophenol	220	U
91-58-7	2-Chloronaphthalene	190	U
88-74-4	2-Nitroaniline	180	U
131-11-3	Dimethylphthalate	160	U
208-96-8	Acenaphthylene	210	U
606-20-2	2,6-Dinitrotoluene	240	U
99-09-2	3-Nitroaniline	270	U

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS
PHONE: (732)532-6224 FAX: (732)532-6263
WET-CHEM - METALS - ORGANICS - FIELD SAMPLING
NJDEP LABORATORY CERTIFICATION # 13461

ANALYTICAL DATA REPORT
Fort Monmouth Environmental Laboratory
ENVIRONMENTAL DIVISION
Fort Monmouth, New Jersey
PROJECT: #IJN 98-0211

M-5 Landfill
Volume III

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1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-71

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3576 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3576.06

Sample wt/vol: 10.17 (g/ml) G Lab File ID: BN1790.D

Level: (low/med) LOW Date Received: 05/18/98

% Moisture: 9.86 decanted:(Y/N) N Date Extracted: 05/20/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/28/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	330	U
62-75-9	N-nitroso-dimethylamine	220	U
62-53-3	Aniline	240	U
108-95-2	Phenol	360	U
111-44-4	bis(2-Chloroethyl)ether	230	U
95-57-8	2-Chlorophenol	210	U
541-73-1	1,3-Dichlorobenzene	230	U
106-46-7	1,4-Dichlorobenzene	320	U
100-51-6	Benzyl alcohol	290	U
95-50-1	1,2-Dichlorobenzene	260	U
	2-Methylphenol	220	U
108-60-1	bis(2-chloroisopropyl)ether	270	U
	4-Methylphenol	290	U
621-64-7	n-Nitroso-di-n-propylamine	270	U
67-72-1	Hexachloroethane	230	U
98-95-3	Nitrobenzene	290	U
78-59-1	Isophorone	280	U
88-75-5	2-Nitrophenol	180	U
105-67-9	2,4-Dimethylphenol	320	U
111-91-1	bis(2-Chloroethoxy)methane	130	U
120-83-2	2,4-Dichlorophenol	170	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	290	U
91-20-3	Naphthalene	220	J
106-47-8	4-Chloroaniline	320	U
87-68-3	Hexachlorobutadiene	270	U
59-50-7	4-Chloro-3-methylphenol	210	U
91-57-6	2-Methylnaphthalene	260	J
77-47-4	Hexachlorocyclopentadiene	62	U
88-06-2	2,4,6-Trichlorophenol	210	U
	2,4,5-Trichlorophenol	230	U
91-58-7	2-Chloronaphthalene	190	U
88-74-4	2-Nitroaniline	180	U
131-11-3	Dimethylphthalate	160	U
208-96-8	Acenaphthylene	740	
606-20-2	2,6-Dinitrotoluene	250	U
99-09-2	3-Nitroaniline	270	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-71

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3576 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3576.06

Sample wt/vol: 10.17 (g/ml) G Lab File ID: BN1790.D

Level: (low/med) LOW Date Received: 05/18/98

% Moisture: 9.86 decanted:(Y/N) N Date Extracted: 05/20/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/28/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	180	J
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	200	U
100-02-7	4-Nitrophenol	500	U
121-14-2	2,4-Dinitrotoluene	200	U
84-66-2	Diethylphthalate	220	U
86-73-7	Fluorene	460	
7005-72-3	4-Chlorophenyl-phenylether	210	U
100-01-6	4-Nitroaniline	310	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	200	U
103-33-3	Azobenzene	210	U
101-55-3	4-Bromophenyl-phenylether	190	U
118-74-1	Hexachlorobenzene	290	U
87-86-5	Pentachlorophenol	320	U
85-01-8	Phenanthrene	3800	
120-12-7	Anthracene	740	
84-74-2	Di-n-butylphthalate	1000	B
206-44-0	Fluoranthene	4500	
92-87-5	Benzidine	990	U
129-00-0	Pyrene	6400	
85-68-7	Butylbenzylphthalate	270	U
56-55-3	Benzo[a]anthracene	3100	
91-94-1	3,3'-Dichlorobenzidine	380	U
218-01-9	Chrysene	5000	
117-81-7	bis(2-Ethylhexyl)phthalate	300	U
117-84-0	Di-n-octylphthalate	310	U
205-99-2	Benzo[b]fluoranthene	2400	
207-08-9	Benzo[k]fluoranthene	2400	
50-32-8	Benzo[a]pyrene	3000	
193-39-5	Indeno[1,2,3-cd]pyrene	1900	
53-70-3	Dibenz[a,h]anthracene	1000	
191-24-2	Benzo[g,h,i]perylene	2300	

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-71

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3576 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3576.06

Sample wt/vol: 10.17 (g/ml) G Lab File ID: BN1790.D

Level: (low/med) LOW Date Received: 05/18/98

% Moisture: 9.86 decanted: (Y/N) N Date Extracted: 05/20/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/28/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 24 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	20.92	2300	JN
2. 000613-12-7	Anthracene, 2-methyl-	21.44	970	JN
3. 000832-69-9	Phenanthrene, 1-methyl-	21.51	1400	JN
4. 000779-02-2	Anthracene, 9-methyl-	21.72	1800	JN
5. 000613-12-7	Anthracene, 2-methyl-	21.76	930	JN
6. 003674-66-6	Phenanthrene, 2,5-dimethyl-	22.80	1100	JN
7. 003674-73-5	Phenanthrene, 2,3,5-trimethyl-	23.91	1500	JN
8. 000243-17-4	11H-Benzo[b]fluorene	24.22	1000	JN
9. 000238-84-6	11H-Benzo[a]fluorene	24.48	5400	JN
10.	unknown	24.65	960	J
11. 002381-21-7	Pyrene, 1-methyl-	24.71	2000	JN
12. 002381-21-7	Pyrene, 1-methyl-	24.94	2100	JN
13. 002381-21-7	Pyrene, 1-methyl-	25.00	1500	JN
14. 000082-05-3	7H-Benz[de]anthracen-7-one	25.72	2100	JN
15. 064401-21-4	Pyrene, 1,3-dimethyl-	25.88	880	JN
16. 000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	25.95	1200	JN
17.	unknown	26.03	1400	J
18. 001599-67-3	1-Docosene	26.35	7900	JN
19. 001705-85-7	Chrysene, 6-methyl-	27.50	2500	JN
20. 003351-32-4	2-Methylchrysene	27.59	980	JN
21. 003351-32-4	2-Methylchrysene	27.81	940	JN
22.	unknown	27.87	1400	J
23. 000205-99-2	Benz[e]acephenanthrylene	29.52	2500	JN
24. 000629-96-9	1-Eicosanol	30.91	1100	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-72

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3576 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3576.10

Sample wt/vol: 10.02 (g/ml) G Lab File ID: BN1791.D

Level: (low/med) LOW Date Received: 05/18/98

% Moisture: 10.48 decanted:(Y/N) N Date Extracted: 05/20/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/28/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	330	U
62-75-9	N-nitroso-dimethylamine	220	U
62-53-3	Aniline	240	U
108-95-2	Phenol	370	U
111-44-4	bis(2-Chloroethyl)ether	230	U
95-57-8	2-Chlorophenol	210	U
541-73-1	1,3-Dichlorobenzene	230	U
106-46-7	1,4-Dichlorobenzene	330	U
100-51-6	Benzyl alcohol	300	U
95-50-1	1,2-Dichlorobenzene	260	U
	2-Methylphenol	230	U
108-60-1	bis(2-chloroisopropyl)ether	280	U
	4-Methylphenol	300	U
621-64-7	n-Nitroso-di-n-propylamine	270	U
67-72-1	Hexachloroethane	230	U
98-95-3	Nitrobenzene	300	U
78-59-1	Isophorone	290	U
88-75-5	2-Nitrophenol	190	U
105-67-9	2,4-Dimethylphenol	330	U
111-91-1	bis(2-Chloroethoxy)methane	130	U
120-83-2	2,4-Dichlorophenol	180	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	290	U
91-20-3	Naphthalene	220	J
106-47-8	4-Chloroaniline	330	U
87-68-3	Hexachlorobutadiene	280	U
59-50-7	4-Chloro-3-methylphenol	220	U
91-57-6	2-Methylnaphthalene	230	J
77-47-4	Hexachlorocyclopentadiene	64	U
88-06-2	2,4,6-Trichlorophenol	210	U
	2,4,5-Trichlorophenol	230	U
91-58-7	2-Chloronaphthalene	200	U
88-74-4	2-Nitroaniline	190	U
131-11-3	Dimethylphthalate	170	U
208-96-8	Acenaphthylene	210	U
606-20-2	2,6-Dinitrotoluene	250	U
99-09-2	3-Nitroaniline	280	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-72

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3576 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3576.10

Sample wt/vol: 10.02 (g/ml) G Lab File ID: BN1791.D

Level: (low/med) LOW Date Received: 05/18/98

% Moisture: 10.48 decanted:(Y/N) N Date Extracted: 05/20/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/28/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	200	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	210	U
100-02-7	4-Nitrophenol	510	U
121-14-2	2,4-Dinitrotoluene	210	U
84-66-2	Diethylphthalate	230	U
86-73-7	Fluorene	210	U
7005-72-3	4-Chlorophenyl-phenylether	210	U
100-01-6	4-Nitroaniline	310	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	200	U
103-33-3	Azobenzene	210	U
101-55-3	4-Bromophenyl-phenylether	190	U
118-74-1	Hexachlorobenzene	290	U
87-86-5	Pentachlorophenol	330	U
85-01-8	Phenanthrene	1200	
120-12-7	Anthracene	130	J
84-74-2	Di-n-butylphthalate	820	JB
206-44-0	Fluoranthene	2300	
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	2200	
85-68-7	Butylbenzylphthalate	280	U
56-55-3	Benzo[a]anthracene	970	
91-94-1	3,3'-Dichlorobenzidine	380	U
218-01-9	Chrysene	1700	
117-81-7	bis(2-Ethylhexyl)phthalate	310	U
117-84-0	Di-n-octylphthalate	310	U
205-99-2	Benzo[b]fluoranthene	1200	
207-08-9	Benzo[k]fluoranthene	1200	
50-32-8	Benzo[a]pyrene	1100	
193-39-5	Indeno[1,2,3-cd]pyrene	760	
53-70-3	Dibenz[a,h]anthracene	270	U
191-24-2	Benzo[g,h,i]perylene	770	

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-72

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3576 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3576.10

Sample wt/vol: 10.02 (g/ml) G Lab File ID: BN1791.D

Level: (low/med) LOW Date Received: 05/18/98

% Moisture: 10.48 decanted: (Y/N) N Date Extracted: 05/20/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/28/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 6 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	20.92	1600	JN
2. 000057-10-3	Hexadecanoic acid	21.74	1100	JN
3. 000238-84-6	11H-Benzo[a]fluorene	24.48	990	JN
4. 000629-96-9	1-Eicosanol	26.36	9600	JN
5. 000295-65-8	Cyclohexadecane	27.87	990	JN
6. 000629-96-9	1-Eicosanol	30.91	2300	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-73

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3576 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3576.14

Sample wt/vol: 10.74 (g/ml) G Lab File ID: BN1792.D

Level: (low/med) LOW Date Received: 05/18/98

% Moisture: 11.46 decanted:(Y/N) N Date Extracted: 05/20/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/28/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	310	U
62-75-9	N-nitroso-dimethylamine	210	U
62-53-3	Aniline	230	U
108-95-2	Phenol	350	U
111-44-4	bis(2-Chloroethyl)ether	220	U
95-57-8	2-Chlorophenol	200	U
541-73-1	1,3-Dichlorobenzene	220	U
106-46-7	1,4-Dichlorobenzene	310	U
100-51-6	Benzyl alcohol	280	U
95-50-1	1,2-Dichlorobenzene	250	U
	2-Methylphenol	220	U
108-60-1	bis(2-chloroisopropyl)ether	260	U
	4-Methylphenol	280	U
621-64-7	n-Nitroso-di-n-propylamine	260	U
67-72-1	Hexachloroethane	220	U
98-95-3	Nitrobenzene	280	U
78-59-1	Isophorone	270	U
88-75-5	2-Nitrophenol	180	U
105-67-9	2,4-Dimethylphenol	310	U
111-91-1	bis(2-Chloroethoxy)methane	130	U
120-83-2	2,4-Dichlorophenol	170	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	280	U
91-20-3	Naphthalene	260	U
106-47-8	4-Chloroaniline	310	U
87-68-3	Hexachlorobutadiene	260	U
59-50-7	4-Chloro-3-methylphenol	210	U
91-57-6	2-Methylnaphthalene	290	U
77-47-4	Hexachlorocyclopentadiene	60	U
88-06-2	2,4,6-Trichlorophenol	200	U
	2,4,5-Trichlorophenol	220	U
91-58-7	2-Chloronaphthalene	190	U
88-74-4	2-Nitroaniline	170	U
131-11-3	Dimethylphthalate	160	U
208-96-8	Acenaphthylene	200	U
606-20-2	2,6-Dinitrotoluene	240	U
99-09-2	3-Nitroaniline	260	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-73

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3576 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3576.14

Sample wt/vol: 10.74 (g/ml) G Lab File ID: BN1792.D

Level: (low/med) LOW Date Received: 05/18/98

% Moisture: 11.46 decanted:(Y/N) N Date Extracted: 05/20/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/28/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	180	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	200	U
100-02-7	4-Nitrophenol	480	U
121-14-2	2,4-Dinitrotoluene	200	U
84-66-2	Diethylphthalate	210	U
86-73-7	Fluorene	200	U
7005-72-3	4-Chlorophenyl-phenylether	200	U
100-01-6	4-Nitroaniline	300	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	190	U
103-33-3	Azobenzene	200	U
101-55-3	4-Bromophenyl-phenylether	180	U
118-74-1	Hexachlorobenzene	280	U
87-86-5	Pentachlorophenol	310	U
85-01-8	Phenanthrene	250	
120-12-7	Anthracene	200	U
84-74-2	Di-n-butylphthalate	510	JB
206-44-0	Fluoranthene	330	
92-87-5	Benzidine	950	U
129-00-0	Pyrene	560	
85-68-7	Butylbenzylphthalate	260	U
56-55-3	Benzo[a]anthracene	240	
91-94-1	3,3'-Dichlorobenzidine	360	U
218-01-9	Chrysene	430	
117-81-7	bis(2-Ethylhexyl)phthalate	290	U
117-84-0	Di-n-octylphthalate	300	U
205-99-2	Benzo[b]fluoranthene	210	J
207-08-9	Benzo[k]fluoranthene	230	
50-32-8	Benzo[a]pyrene	260	
193-39-5	Indeno[1,2,3-cd]pyrene	210	U
53-70-3	Dibenz[a,h]anthracene	250	U
191-24-2	Benzo[g,h,i]perylene	220	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-73

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3576 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3576.14

Sample wt/vol: 10.74 (g/ml) G Lab File ID: BN1792.D

Level: (low/med) LOW Date Received: 05/18/98

% Moisture: 11.46 decanted: (Y/N) N Date Extracted: 05/20/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/28/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 4 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	20.91	890	JN
2. 000057-10-3	Hexadecanoic acid	21.75	980	JN
3. 019047-85-9	Phosphonic acid, dioctadecyl est	26.35	7500	JN
4. 000629-96-9	1-Eicosanol	30.91	1800	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-74

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3580 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3580.02

Sample wt/vol: 10.87 (g/ml) G Lab File ID: BN1739.D

Level: (low/med) LOW Date Received: 05/19/98

% Moisture: 11.95 decanted:(Y/N) N Date Extracted: 05/20/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/23/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	310	U
62-75-9	N-nitroso-dimethylamine	210	U
62-53-3	Aniline	230	U
108-95-2	Phenol	350	U
111-44-4	bis(2-Chloroethyl)ether	220	U
95-57-8	2-Chlorophenol	200	U
541-73-1	1,3-Dichlorobenzene	220	U
106-46-7	1,4-Dichlorobenzene	310	U
100-51-6	Benzyl alcohol	280	U
95-50-1	1,2-Dichlorobenzene	250	U
	2-Methylphenol	210	U
108-60-1	bis(2-chloroisopropyl)ether	260	U
	4-Methylphenol	280	U
621-64-7	n-Nitroso-di-n-propylamine	250	U
67-72-1	Hexachloroethane	220	U
98-95-3	Nitrobenzene	280	U
78-59-1	Isophorone	270	U
88-75-5	2-Nitrophenol	180	U
105-67-9	2,4-Dimethylphenol	310	U
111-91-1	bis(2-Chloroethoxy)methane	120	U
120-83-2	2,4-Dichlorophenol	170	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	270	U
91-20-3	Naphthalene	250	U
106-47-8	4-Chloroaniline	310	U
87-68-3	Hexachlorobutadiene	260	U
59-50-7	4-Chloro-3-methylphenol	200	U
91-57-6	2-Methylnaphthalene	290	U
77-47-4	Hexachlorocyclopentadiene	60	U
88-06-2	2,4,6-Trichlorophenol	200	U
	2,4,5-Trichlorophenol	220	U
91-58-7	2-Chloronaphthalene	180	U
88-74-4	2-Nitroaniline	170	U
131-11-3	Dimethylphthalate	160	U
208-96-8	Acenaphthylene	200	U
606-20-2	2,6-Dinitrotoluene	240	U
99-09-2	3-Nitroaniline	260	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-74

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3580 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3580.02

Sample wt/vol: 10.87 (g/ml) G Lab File ID: BN1739.D

Level: (low/med) LOW Date Received: 05/19/98

% Moisture: 11.95 decanted:(Y/N) N Date Extracted: 05/20/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/23/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	180	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	190	U
100-02-7	4-Nitrophenol	480	U
121-14-2	2,4-Dinitrotoluene	190	U
84-66-2	Diethylphthalate	210	U
86-73-7	Fluorene	200	U
7005-72-3	4-Chlorophenyl-phenylether	200	U
100-01-6	4-Nitroaniline	290	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	190	U
103-33-3	Azobenzene	200	U
101-55-3	4-Bromophenyl-phenylether	180	U
118-74-1	Hexachlorobenzene	280	U
87-86-5	Pentachlorophenol	310	U
85-01-8	Phenanthrene	120	J
120-12-7	Anthracene	200	U
84-74-2	Di-n-butylphthalate	320	JB
206-44-0	Fluoranthene	130	J
92-87-5	Benzidine	950	U
129-00-0	Pyrene	170	J
85-68-7	Butylbenzylphthalate	260	U
56-55-3	Benzo[a]anthracene	200	U
91-94-1	3,3'-Dichlorobenzidine	360	U
218-01-9	Chrysene	120	J
117-81-7	bis(2-Ethylhexyl)phthalate	290	U
117-84-0	Di-n-octylphthalate	290	U
205-99-2	Benzo[b]fluoranthene	260	U
207-08-9	Benzo[k]fluoranthene	190	U
50-32-8	Benzo[a]pyrene	200	U
193-39-5	Indeno[1,2,3-cd]pyrene	210	U
53-70-3	Dibenz[a,h]anthracene	250	U
191-24-2	Benzo[g,h,i]perylene	250	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-74

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3580 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3580.02

Sample wt/vol: 10.87 (g/ml) G Lab File ID: BN1739.D

Level: (low/med) LOW Date Received: 05/19/98

% Moisture: 11.95 decanted: (Y/N) N Date Extracted: 05/20/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/23/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000629-96-9	1-Eicosanol	26.38	6200	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-75

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3580 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3580.05

Sample wt/vol: 10.69 (g/ml) G Lab File ID: BN1740.D

Level: (low/med) LOW Date Received: 05/19/98

% Moisture: 6.85 decanted:(Y/N) N Date Extracted: 05/20/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/23/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	300	U
62-75-9	N-nitroso-dimethylamine	200	U
62-53-3	Aniline	220	U
108-95-2	Phenol	330	U
111-44-4	bis(2-Chloroethyl)ether	210	U
95-57-8	2-Chlorophenol	190	U
541-73-1	1,3-Dichlorobenzene	210	U
106-46-7	1,4-Dichlorobenzene	290	U
100-51-6	Benzyl alcohol	270	U
95-50-1	1,2-Dichlorobenzene	240	U
	2-Methylphenol	210	U
108-60-1	bis(2-chloroisopropyl)ether	250	U
	4-Methylphenol	270	U
621-64-7	n-Nitroso-di-n-propylamine	250	U
67-72-1	Hexachloroethane	210	U
98-95-3	Nitrobenzene	270	U
78-59-1	Isophorone	260	U
88-75-5	2-Nitrophenol	170	U
105-67-9	2,4-Dimethylphenol	290	U
111-91-1	bis(2-Chloroethoxy)methane	120	U
120-83-2	2,4-Dichlorophenol	160	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	260	U
91-20-3	Naphthalene	250	U
106-47-8	4-Chloroaniline	290	U
87-68-3	Hexachlorobutadiene	250	U
59-50-7	4-Chloro-3-methylphenol	200	U
91-57-6	2-Methylnaphthalene	270	U
77-47-4	Hexachlorocyclopentadiene	57	U
88-06-2	2,4,6-Trichlorophenol	190	U
	2,4,5-Trichlorophenol	210	U
91-58-7	2-Chloronaphthalene	180	U
88-74-4	2-Nitroaniline	170	U
131-11-3	Dimethylphthalate	150	U
208-96-8	Acenaphthylene	190	U
606-20-2	2,6-Dinitrotoluene	230	U
99-09-2	3-Nitroaniline	250	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-75

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3580 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3580.05

Sample wt/vol: 10.69 (g/ml) G Lab File ID: BN1740.D

Level: (low/med) LOW Date Received: 05/19/98

% Moisture: 6.85 decanted:(Y/N) N Date Extracted: 05/20/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/23/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	180	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	190	U
100-02-7	4-Nitrophenol	460	U
121-14-2	2,4-Dinitrotoluene	190	U
84-66-2	Diethylphthalate	200	U
86-73-7	Fluorene	190	U
7005-72-3	4-Chlorophenyl-phenylether	190	U
100-01-6	4-Nitroaniline	280	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	180	U
103-33-3	Azobenzene	190	U
101-55-3	4-Bromophenyl-phenylether	170	U
118-74-1	Hexachlorobenzene	270	U
87-86-5	Pentachlorophenol	300	U
85-01-8	Phenanthrene	480	
120-12-7	Anthracene	190	U
84-74-2	Di-n-butylphthalate	760	JB
206-44-0	Fluoranthene	300	
92-87-5	Benzidine	910	U
129-00-0	Pyrene	510	
85-68-7	Butylbenzylphthalate	250	U
56-55-3	Benzo[a]anthracene	180	J
91-94-1	3,3'-Dichlorobenzidine	350	U
218-01-9	Chrysene	300	
117-81-7	bis(2-Ethylhexyl)phthalate	280	J
117-84-0	Di-n-octylphthalate	280	U
205-99-2	Benzo[b]fluoranthene	110	J
207-08-9	Benzo[k]fluoranthene	130	J
50-32-8	Benzo[a]pyrene	130	J
193-39-5	Indeno[1,2,3-cd]pyrene	200	U
53-70-3	Dibenz[a,h]anthracene	240	U
191-24-2	Benzo[g,h,i]perylene	240	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-75

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3580 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3580.05

Sample wt/vol: 10.69 (g/ml) G Lab File ID: BN1740.D

Level: (low/med) LOW Date Received: 05/19/98

% Moisture: 6.85 decanted: (Y/N) N Date Extracted: 05/20/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/23/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 4

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000075-85-4	Amylene Hydrate	3.03	1100	JN
2.	unknown	6.49	1200	J
3. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	20.94	1000	JN
4. 000629-96-9	1-Eicosanol	26.38	6800	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-76

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3580 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3580.08

Sample wt/vol: 10.87 (g/ml) G Lab File ID: BN1741.D

Level: (low/med) LOW Date Received: 05/19/98

% Moisture: 8.33 decanted:(Y/N) N Date Extracted: 05/20/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/23/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	300	U
62-75-9	N-nitroso-dimethylamine	200	U
62-53-3	Aniline	220	U
108-95-2	Phenol	330	U
111-44-4	bis(2-Chloroethyl)ether	210	U
95-57-8	2-Chlorophenol	190	U
541-73-1	1,3-Dichlorobenzene	210	U
106-46-7	1,4-Dichlorobenzene	290	U
100-51-6	Benzyl alcohol	270	U
95-50-1	1,2-Dichlorobenzene	240	U
	2-Methylphenol	210	U
108-60-1	bis(2-chloroisopropyl)ether	250	U
	4-Methylphenol	270	U
621-64-7	n-Nitroso-di-n-propylamine	240	U
67-72-1	Hexachloroethane	210	U
98-95-3	Nitrobenzene	270	U
78-59-1	Isophorone	260	U
88-75-5	2-Nitrophenol	170	U
105-67-9	2,4-Dimethylphenol	290	U
111-91-1	bis(2-Chloroethoxy)methane	120	U
120-83-2	2,4-Dichlorophenol	160	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	260	U
91-20-3	Naphthalene	240	U
106-47-8	4-Chloroaniline	290	U
87-68-3	Hexachlorobutadiene	250	U
59-50-7	4-Chloro-3-methylphenol	200	U
91-57-6	2-Methylnaphthalene	270	U
77-47-4	Hexachlorocyclopentadiene	57	U
88-06-2	2,4,6-Trichlorophenol	190	U
	2,4,5-Trichlorophenol	210	U
91-58-7	2-Chloronaphthalene	180	U
88-74-4	2-Nitroaniline	170	U
131-11-3	Dimethylphthalate	150	U
208-96-8	Acenaphthylene	190	U
606-20-2	2,6-Dinitrotoluene	230	U
99-09-2	3-Nitroaniline	250	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-76

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3580 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3580.08

Sample wt/vol: 10.87 (g/ml) G Lab File ID: BN1741.D

Level: (low/med) LOW Date Received: 05/19/98

% Moisture: 8.33 decanted:(Y/N) N Date Extracted: 05/20/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/23/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	180	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	190	U
100-02-7	4-Nitrophenol	460	U
121-14-2	2,4-Dinitrotoluene	190	U
84-66-2	Diethylphthalate	200	U
86-73-7	Fluorene	190	U
7005-72-3	4-Chlorophenyl-phenylether	190	U
100-01-6	4-Nitroaniline	280	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	180	U
103-33-3	Azobenzene	190	U
101-55-3	4-Bromophenyl-phenylether	170	U
118-74-1	Hexachlorobenzene	260	U
87-86-5	Pentachlorophenol	300	U
85-01-8	Phenanthrene	720	
120-12-7	Anthracene	190	U
84-74-2	Di-n-butylphthalate	780	JB
206-44-0	Fluoranthene	500	
92-87-5	Benzidine	910	U
129-00-0	Pyrene	820	
85-68-7	Butylbenzylphthalate	250	U
56-55-3	Benzo[a]anthracene	310	
91-94-1	3,3'-Dichlorobenzidine	350	U
218-01-9	Chrysene	520	
117-81-7	bis(2-Ethylhexyl)phthalate	100	J
117-84-0	Di-n-octylphthalate	280	U
205-99-2	Benzo[b]fluoranthene	200	J
207-08-9	Benzo[k]fluoranthene	220	
50-32-8	Benzo[a]pyrene	290	
193-39-5	Indeno[1,2,3-cd]pyrene	160	J
53-70-3	Dibenz[a,h]anthracene	240	U
191-24-2	Benzo[g,h,i]perylene	190	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-76

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3580 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3580.08

Sample wt/vol: 10.87 (g/ml) G Lab File ID: BN1741.D

Level: (low/med) LOW Date Received: 05/19/98

% Moisture: 8.33 decanted: (Y/N) N Date Extracted: 05/20/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/23/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 4 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	20.95	1100	JN
2. 001599-67-3	1-Docosene	26.38	6700	JN
3. 000629-96-9	1-Eicosanol	27.90	860	JN
4. 000629-96-9	1-Eicosanol	30.96	1200	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-77

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3580 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3580.11

Sample wt/vol: 10.26 (g/ml) G Lab File ID: BN1800.D

Level: (low/med) LOW Date Received: 05/19/98

% Moisture: 12.09 decanted:(Y/N) N Date Extracted: 05/20/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/28/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	330	U
62-75-9	N-nitroso-dimethylamine	220	U
62-53-3	Aniline	240	U
108-95-2	Phenol	370	U
111-44-4	bis(2-Chloroethyl)ether	230	U
95-57-8	2-Chlorophenol	210	U
541-73-1	1,3-Dichlorobenzene	230	U
106-46-7	1,4-Dichlorobenzene	320	U
100-51-6	Benzyl alcohol	300	U
95-50-1	1,2-Dichlorobenzene	260	U
	2-Methylphenol	230	U
108-60-1	bis(2-chloroisopropyl)ether	280	U
	4-Methylphenol	300	U
621-64-7	n-Nitroso-di-n-propylamine	270	U
67-72-1	Hexachloroethane	230	U
98-95-3	Nitrobenzene	300	U
78-59-1	Isophorone	280	U
88-75-5	2-Nitrophenol	190	U
105-67-9	2,4-Dimethylphenol	320	U
111-91-1	bis(2-Chloroethoxy)methane	130	U
120-83-2	2,4-Dichlorophenol	180	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	290	U
91-20-3	Naphthalene	270	U
106-47-8	4-Chloroaniline	320	U
87-68-3	Hexachlorobutadiene	280	U
59-50-7	4-Chloro-3-methylphenol	220	U
91-57-6	2-Methylnaphthalene	300	U
77-47-4	Hexachlorocyclopentadiene	63	U
88-06-2	2,4,6-Trichlorophenol	210	U
	2,4,5-Trichlorophenol	230	U
91-58-7	2-Chloronaphthalene	200	U
88-74-4	2-Nitroaniline	180	U
131-11-3	Dimethylphthalate	170	U
208-96-8	Acenaphthylene	210	U
606-20-2	2,6-Dinitrotoluene	250	U
99-09-2	3-Nitroaniline	280	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-77

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3580 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3580.11

Sample wt/vol: 10.26 (g/ml) G Lab File ID: BN1800.D

Level: (low/med) LOW Date Received: 05/19/98

% Moisture: 12.09 decanted:(Y/N) N Date Extracted: 05/20/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/28/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	190	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	210	U
100-02-7	4-Nitrophenol	510	U
121-14-2	2,4-Dinitrotoluene	210	U
84-66-2	Diethylphthalate	230	U
86-73-7	Fluorene	210	U
7005-72-3	4-Chlorophenyl-phenylether	210	U
100-01-6	4-Nitroaniline	310	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	200	U
103-33-3	Azobenzene	210	U
101-55-3	4-Bromophenyl-phenylether	190	U
118-74-1	Hexachlorobenzene	290	U
87-86-5	Pentachlorophenol	330	U
85-01-8	Phenanthrene	170	J
120-12-7	Anthracene	210	U
84-74-2	Di-n-butylphthalate	380	JB
206-44-0	Fluoranthene	190	J
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	120	J
85-68-7	Butylbenzylphthalate	280	U
56-55-3	Benzo[a]anthracene	220	U
91-94-1	3,3'-Dichlorobenzidine	380	U
218-01-9	Chrysene	280	U
117-81-7	bis(2-Ethylhexyl)phthalate	310	U
117-84-0	Di-n-octylphthalate	310	U
205-99-2	Benzo[b]fluoranthene	270	U
207-08-9	Benzo[k]fluoranthene	200	U
50-32-8	Benzo[a]pyrene	210	U
193-39-5	Indeno[1,2,3-cd]pyrene	230	U
53-70-3	Dibenz[a,h]anthracene	260	U
191-24-2	Benzo[g,h,i]perylene	260	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-77

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3580 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3580.11

Sample wt/vol: 10.26 (g/ml) G Lab File ID: BN1800.D

Level: (low/med) LOW Date Received: 05/19/98

% Moisture: 12.09 decanted: (Y/N) N Date Extracted: 05/20/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/28/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 001599-67-3	1-Docosene	26.35	5400	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-78

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3580 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3580.14

Sample wt/vol: 10.4 (g/ml) G Lab File ID: BN1801.D

Level: (low/med) LOW Date Received: 05/19/98

% Moisture: 6.76 decanted:(Y/N) N Date Extracted: 05/20/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/28/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	310	U
62-75-9	N-nitroso-dimethylamine	210	U
62-53-3	Aniline	220	U
108-95-2	Phenol	340	U
111-44-4	bis(2-Chloroethyl)ether	220	U
95-57-8	2-Chlorophenol	200	U
541-73-1	1,3-Dichlorobenzene	210	U
106-46-7	1,4-Dichlorobenzene	300	U
100-51-6	Benzyl alcohol	280	U
95-50-1	1,2-Dichlorobenzene	240	U
	2-Methylphenol	210	U
108-60-1	bis(2-chloroisopropyl)ether	260	U
	4-Methylphenol	280	U
621-64-7	n-Nitroso-di-n-propylamine	250	U
67-72-1	Hexachloroethane	220	U
98-95-3	Nitrobenzene	280	U
78-59-1	Isophorone	260	U
88-75-5	2-Nitrophenol	170	U
105-67-9	2,4-Dimethylphenol	300	U
111-91-1	bis(2-Chloroethoxy)methane	120	U
120-83-2	2,4-Dichlorophenol	160	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	270	U
91-20-3	Naphthalene	250	U
106-47-8	4-Chloroaniline	300	U
87-68-3	Hexachlorobutadiene	260	U
59-50-7	4-Chloro-3-methylphenol	200	U
91-57-6	2-Methylnaphthalene	280	U
77-47-4	Hexachlorocyclopentadiene	59	U
88-06-2	2,4,6-Trichlorophenol	190	U
	2,4,5-Trichlorophenol	220	U
91-58-7	2-Chloronaphthalene	180	U
88-74-4	2-Nitroaniline	170	U
131-11-3	Dimethylphthalate	160	U
208-96-8	Acenaphthylene	200	U
606-20-2	2,6-Dinitrotoluene	240	U
99-09-2	3-Nitroaniline	260	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-78

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3580 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3580.14

Sample wt/vol: 10.4 (g/ml) G Lab File ID: BN1801.D

Level: (low/med) LOW Date Received: 05/19/98

% Moisture: 6.76 decanted:(Y/N) N Date Extracted: 05/20/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/28/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	180	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	190	U
100-02-7	4-Nitrophenol	470	U
121-14-2	2,4-Dinitrotoluene	190	U
84-66-2	Diethylphthalate	210	U
86-73-7	Fluorene	200	U
7005-72-3	4-Chlorophenyl-phenylether	190	U
100-01-6	4-Nitroaniline	290	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	190	U
103-33-3	Azobenzene	200	U
101-55-3	4-Bromophenyl-phenylether	180	U
118-74-1	Hexachlorobenzene	270	U
87-86-5	Pentachlorophenol	300	U
85-01-8	Phenanthrene	130	J
120-12-7	Anthracene	200	U
84-74-2	Di-n-butylphthalate	670	JB
206-44-0	Fluoranthene	200	U
92-87-5	Benzidine	930	U
129-00-0	Pyrene	120	J
85-68-7	Butylbenzylphthalate	260	U
56-55-3	Benzo[a]anthracene	200	U
91-94-1	3,3'-Dichlorobenzidine	350	U
218-01-9	Chrysene	260	U
117-81-7	bis(2-Ethylhexyl)phthalate	290	U
117-84-0	Di-n-octylphthalate	290	U
205-99-2	Benzo[b]fluoranthene	250	U
207-08-9	Benzo[k]fluoranthene	190	U
50-32-8	Benzo[a]pyrene	190	U
193-39-5	Indeno[1,2,3-cd]pyrene	210	U
53-70-3	Dibenz[a,h]anthracene	250	U
191-24-2	Benzo[g,h,i]perylene	250	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-78

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3580 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3580.14

Sample wt/vol: 10.4 (g/ml) G Lab File ID: BN1801.D

Level: (low/med) LOW Date Received: 05/19/98

% Moisture: 6.76 decanted: (Y/N) N Date Extracted: 05/20/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/28/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 2

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	20.92	1100	JN
2. 000629-96-9	1-Eicosanol	26.35	8500	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-79

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3580 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3580.18

Sample wt/vol: 10.4 (g/ml) G Lab File ID: BN1802.D

Level: (low/med) LOW Date Received: 05/19/98

% Moisture: 13.19 decanted:(Y/N) N Date Extracted: 05/20/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/28/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	330	U
62-75-9	N-nitroso-dimethylamine	220	U
62-53-3	Aniline	240	U
108-95-2	Phenol	370	U
111-44-4	bis(2-Chloroethyl)ether	230	U
95-57-8	2-Chlorophenol	210	U
541-73-1	1,3-Dichlorobenzene	230	U
106-46-7	1,4-Dichlorobenzene	320	U
100-51-6	Benzyl alcohol	300	U
95-50-1	1,2-Dichlorobenzene	260	U
	2-Methylphenol	230	U
108-60-1	bis(2-chloroisopropyl)ether	280	U
	4-Methylphenol	300	U
621-64-7	n-Nitroso-di-n-propylamine	270	U
67-72-1	Hexachloroethane	230	U
98-95-3	Nitrobenzene	300	U
78-59-1	Isophorone	280	U
88-75-5	2-Nitrophenol	190	U
105-67-9	2,4-Dimethylphenol	320	U
111-91-1	bis(2-Chloroethoxy)methane	130	U
120-83-2	2,4-Dichlorophenol	180	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	290	U
91-20-3	Naphthalene	270	U
106-47-8	4-Chloroaniline	320	U
87-68-3	Hexachlorobutadiene	280	U
59-50-7	4-Chloro-3-methylphenol	220	U
91-57-6	2-Methylnaphthalene	300	U
77-47-4	Hexachlorocyclopentadiene	63	U
88-06-2	2,4,6-Trichlorophenol	210	U
	2,4,5-Trichlorophenol	230	U
91-58-7	2-Chloronaphthalene	200	U
88-74-4	2-Nitroaniline	180	U
131-11-3	Dimethylphthalate	170	U
208-96-8	Acenaphthylene	210	U
606-20-2	2,6-Dinitrotoluene	250	U
99-09-2	3-Nitroaniline	280	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-79

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3580 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3580.18

Sample wt/vol: 10.4 (g/ml) G Lab File ID: BN1802.D

Level: (low/med) LOW Date Received: 05/19/98

% Moisture: 13.19 decanted:(Y/N) N Date Extracted: 05/20/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/28/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	190	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	210	U
100-02-7	4-Nitrophenol	510	U
121-14-2	2,4-Dinitrotoluene	210	U
84-66-2	Diethylphthalate	220	U
86-73-7	Fluorene	210	U
7005-72-3	4-Chlorophenyl-phenylether	210	U
100-01-6	4-Nitroaniline	310	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	200	U
103-33-3	Azobenzene	210	U
101-55-3	4-Bromophenyl-phenylether	190	U
118-74-1	Hexachlorobenzene	290	U
87-86-5	Pentachlorophenol	330	U
85-01-8	Phenanthrene	210	U
120-12-7	Anthracene	210	U
84-74-2	Di-n-butylphthalate	600	JB
206-44-0	Fluoranthene	210	U
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	250	U
85-68-7	Butylbenzylphthalate	280	U
56-55-3	Benzo[a]anthracene	220	U
91-94-1	3,3'-Dichlorobenzidine	380	U
218-01-9	Chrysene	280	U
117-81-7	bis(2-Ethylhexyl)phthalate	310	U
117-84-0	Di-n-octylphthalate	310	U
205-99-2	Benzo[b]fluoranthene	270	U
207-08-9	Benzo[k]fluoranthene	200	U
50-32-8	Benzo[a]pyrene	210	U
193-39-5	Indeno[1,2,3-cd]pyrene	230	U
53-70-3	Dibenz[a,h]anthracene	260	U
191-24-2	Benzo[g,h,i]perylene	260	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-79

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3580 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3580.18

Sample wt/vol: 10.4 (g/ml) G Lab File ID: BN1802.D

Level: (low/med) LOW Date Received: 05/19/98

% Moisture: 13.19 decanted: (Y/N) N Date Extracted: 05/20/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/28/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 2

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	20.92	1100	JN
2. 000629-96-9	1-Eicosanol	26.35	9300	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-80

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3580 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3580.22

Sample wt/vol: 10.31 (g/ml) G Lab File ID: BN1803.D

Level: (low/med) LOW Date Received: 05/19/98

% Moisture: 12.04 decanted:(Y/N) N Date Extracted: 05/20/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/28/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	330	U
62-75-9	N-nitroso-dimethylamine	220	U
62-53-3	Aniline	240	U
108-95-2	Phenol	370	U
111-44-4	bis(2-Chloroethyl)ether	230	U
95-57-8	2-Chlorophenol	210	U
541-73-1	1,3-Dichlorobenzene	230	U
106-46-7	1,4-Dichlorobenzene	320	U
100-51-6	Benzyl alcohol	290	U
95-50-1	1,2-Dichlorobenzene	260	U
	2-Methylphenol	230	U
108-60-1	bis(2-chloroisopropyl)ether	280	U
	4-Methylphenol	290	U
621-64-7	n-Nitroso-di-n-propylamine	270	U
67-72-1	Hexachloroethane	230	U
98-95-3	Nitrobenzene	300	U
78-59-1	Isophorone	280	U
88-75-5	2-Nitrophenol	190	U
105-67-9	2,4-Dimethylphenol	320	U
111-91-1	bis(2-Chloroethoxy)methane	130	U
120-83-2	2,4-Dichlorophenol	170	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	290	U
91-20-3	Naphthalene	270	U
106-47-8	4-Chloroaniline	320	U
87-68-3	Hexachlorobutadiene	270	U
59-50-7	4-Chloro-3-methylphenol	220	U
91-57-6	2-Methylnaphthalene	300	U
77-47-4	Hexachlorocyclopentadiene	63	U
88-06-2	2,4,6-Trichlorophenol	210	U
	2,4,5-Trichlorophenol	230	U
91-58-7	2-Chloronaphthalene	200	U
88-74-4	2-Nitroaniline	180	U
131-11-3	Dimethylphthalate	170	U
208-96-8	Acenaphthylene	210	U
606-20-2	2,6-Dinitrotoluene	250	U
99-09-2	3-Nitroaniline	280	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-80

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3580 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3580.22

Sample wt/vol: 10.31 (g/ml) G Lab File ID: BN1803.D

Level: (low/med) LOW Date Received: 05/19/98

% Moisture: 12.04 decanted:(Y/N) N Date Extracted: 05/20/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/28/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	190	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	210	U
100-02-7	4-Nitrophenol	510	U
121-14-2	2,4-Dinitrotoluene	210	U
84-66-2	Diethylphthalate	220	U
86-73-7	Fluorene	210	U
7005-72-3	4-Chlorophenyl-phenylether	210	U
100-01-6	4-Nitroaniline	310	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	200	U
103-33-3	Azobenzene	210	U
101-55-3	4-Bromophenyl-phenylether	190	U
118-74-1	Hexachlorobenzene	290	U
87-86-5	Pentachlorophenol	330	U
85-01-8	Phenanthrene	210	U
120-12-7	Anthracene	210	U
84-74-2	Di-n-butylphthalate	270	JB
206-44-0	Fluoranthene	210	U
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	250	U
85-68-7	Butylbenzylphthalate	280	U
56-55-3	Benzo[a]anthracene	220	U
91-94-1	3,3'-Dichlorobenzidine	380	U
218-01-9	Chrysene	280	U
117-81-7	bis(2-Ethylhexyl)phthalate	310	U
117-84-0	Di-n-octylphthalate	310	U
205-99-2	Benzo[b]fluoranthene	270	U
207-08-9	Benzo[k]fluoranthene	200	U
50-32-8	Benzo[a]pyrene	210	U
193-39-5	Indeno[1,2,3-cd]pyrene	220	U
53-70-3	Dibenz[a,h]anthracene	260	U
191-24-2	Benzo[g,h,i]perylene	260	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-80

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3580 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3580.22

Sample wt/vol: 10.31 (g/ml) G Lab File ID: BN1803.D

Level: (low/med) LOW Date Received: 05/19/98

% Moisture: 12.04 decanted: (Y/N) N Date Extracted: 05/20/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/28/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 1

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000629-96-9	1-Eicosanol	26.35	7400	JN

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-81

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3580 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3580.26

Sample wt/vol: 10.63 (g/ml) G Lab File ID: BN1804.D

Level: (low/med) LOW Date Received: 05/19/98

% Moisture: 7.51 decanted:(Y/N) N Date Extracted: 05/20/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/28/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
110-86-1	Pyridine	300	U
62-75-9	N-nitroso-dimethylamine	200	U
62-53-3	Aniline	220	U
108-95-2	Phenol	340	U
111-44-4	bis(2-Chloroethyl)ether	210	U
95-57-8	2-Chlorophenol	190	U
541-73-1	1,3-Dichlorobenzene	210	U
106-46-7	1,4-Dichlorobenzene	300	U
100-51-6	Benzyl alcohol	270	U
95-50-1	1,2-Dichlorobenzene	240	U
	2-Methylphenol	210	U
108-60-1	bis(2-chloroisopropyl)ether	260	U
	4-Methylphenol	270	U
621-64-7	n-Nitroso-di-n-propylamine	250	U
67-72-1	Hexachloroethane	210	U
98-95-3	Nitrobenzene	270	U
78-59-1	Isophorone	260	U
88-75-5	2-Nitrophenol	170	U
105-67-9	2,4-Dimethylphenol	300	U
111-91-1	bis(2-Chloroethoxy)methane	120	U
120-83-2	2,4-Dichlorophenol	160	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	270	U
91-20-3	Naphthalene	400	
106-47-8	4-Chloroaniline	300	U
87-68-3	Hexachlorobutadiene	250	U
59-50-7	4-Chloro-3-methylphenol	200	U
91-57-6	2-Methylnaphthalene	660	
77-47-4	Hexachlorocyclopentadiene	58	U
88-06-2	2,4,6-Trichlorophenol	190	U
	2,4,5-Trichlorophenol	210	U
91-58-7	2-Chloronaphthalene	180	U
88-74-4	2-Nitroaniline	170	U
131-11-3	Dimethylphthalate	120	J
208-96-8	Acenaphthylene	110	J
606-20-2	2,6-Dinitrotoluene	230	U
99-09-2	3-Nitroaniline	260	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-81

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3580 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3580.26

Sample wt/vol: 10.63 (g/ml) G Lab File ID: BN1804.D

Level: (low/med) LOW Date Received: 05/19/98

% Moisture: 7.51 decanted:(Y/N) N Date Extracted: 05/20/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/28/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	180	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	250	
100-02-7	4-Nitrophenol	470	U
121-14-2	2,4-Dinitrotoluene	190	U
84-66-2	Diethylphthalate	170	J
86-73-7	Fluorene	110	J
7005-72-3	4-Chlorophenyl-phenylether	190	U
100-01-6	4-Nitroaniline	290	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	150	J
103-33-3	Azobenzene	190	U
101-55-3	4-Bromophenyl-phenylether	180	U
118-74-1	Hexachlorobenzene	270	U
87-86-5	Pentachlorophenol	300	U
85-01-8	Phenanthrene	570	
120-12-7	Anthracene	160	J
84-74-2	Di-n-butylphthalate	840	JB
206-44-0	Fluoranthene	400	
92-87-5	Benzidine	920	U
129-00-0	Pyrene	580	
85-68-7	Butylbenzylphthalate	260	U
56-55-3	Benzo[a]anthracene	300	
91-94-1	3,3'-Dichlorobenzidine	350	U
218-01-9	Chrysene	510	
117-81-7	bis(2-Ethylhexyl)phthalate	280	U
117-84-0	Di-n-octylphthalate	290	U
205-99-2	Benzo[b]fluoranthene	180	J
207-08-9	Benzo[k]fluoranthene	220	
50-32-8	Benzo[a]pyrene	240	
193-39-5	Indeno[1,2,3-cd]pyrene	150	J
53-70-3	Dibenz[a,h]anthracene	240	U
191-24-2	Benzo[g,h,i]perylene	190	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-81

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3580 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3580.26

Sample wt/vol: 10.63 (g/ml) G Lab File ID: BN1804.D

Level: (low/med) LOW Date Received: 05/19/98

% Moisture: 7.51 decanted: (Y/N) N Date Extracted: 05/20/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/28/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 4

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	20.92	1000	JN
2. 000629-96-9	1-Eicosanol	26.35	6600	JN
3. 002136-70-1	Ethanol, 2-(tetradecyloxy)-	27.87	820	JN
4. 000629-96-9	1-Eicosanol	30.91	1400	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-82

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3580 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3580.30

Sample wt/vol: 10.59 (g/ml) G Lab File ID: BN1805.D

Level: (low/med) LOW Date Received: 05/19/98

% Moisture: 6.55 decanted:(Y/N) N Date Extracted: 05/20/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/29/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	300	U
62-75-9	N-nitroso-dimethylamine	200	U
62-53-3	Aniline	220	U
108-95-2	Phenol	340	U
111-44-4	bis(2-Chloroethyl)ether	210	U
95-57-8	2-Chlorophenol	190	U
541-73-1	1,3-Dichlorobenzene	210	U
106-46-7	1,4-Dichlorobenzene	300	U
100-51-6	Benzyl alcohol	270	U
95-50-1	1,2-Dichlorobenzene	240	U
	2-Methylphenol	210	U
108-60-1	bis(2-chloroisopropyl)ether	250	U
	4-Methylphenol	270	U
621-64-7	n-Nitroso-di-n-propylamine	250	U
67-72-1	Hexachloroethane	210	U
98-95-3	Nitrobenzene	270	U
78-59-1	Isophorone	260	U
88-75-5	2-Nitrophenol	170	U
105-67-9	2,4-Dimethylphenol	300	U
111-91-1	bis(2-Chloroethoxy)methane	120	U
120-83-2	2,4-Dichlorophenol	160	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	260	U
91-20-3	Naphthalene	250	U
106-47-8	4-Chloroaniline	300	U
87-68-3	Hexachlorobutadiene	250	U
59-50-7	4-Chloro-3-methylphenol	200	U
91-57-6	2-Methylnaphthalene	280	U
77-47-4	Hexachlorocyclopentadiene	58	U
88-06-2	2,4,6-Trichlorophenol	190	U
	2,4,5-Trichlorophenol	210	U
91-58-7	2-Chloronaphthalene	180	U
88-74-4	2-Nitroaniline	170	U
131-11-3	Dimethylphthalate	150	U
208-96-8	Acenaphthylene	190	U
606-20-2	2,6-Dinitrotoluene	230	U
99-09-2	3-Nitroaniline	250	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-82

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3580 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3580.30

Sample wt/vol: 10.59 (g/ml) G Lab File ID: BN1805.D

Level: (low/med) LOW Date Received: 05/19/98

% Moisture: 6.55 decanted:(Y/N) N Date Extracted: 05/20/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/29/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
83-32-9	Acenaphthene	180	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	190	U
100-02-7	4-Nitrophenol	460	U
121-14-2	2,4-Dinitrotoluene	190	U
84-66-2	Diethylphthalate	210	U
86-73-7	Fluorene	190	U
7005-72-3	4-Chlorophenyl-phenylether	190	U
100-01-6	4-Nitroaniline	280	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	180	U
103-33-3	Azobenzene	190	U
101-55-3	4-Bromophenyl-phenylether	170	U
118-74-1	Hexachlorobenzene	270	U
87-86-5	Pentachlorophenol	300	U
85-01-8	Phenanthrene	200	U
120-12-7	Anthracene	200	U
84-74-2	Di-n-butylphthalate	170	JB
206-44-0	Fluoranthene	200	U
92-87-5	Benzidine	920	U
129-00-0	Pyrene	230	U
85-68-7	Butylbenzylphthalate	250	U
56-55-3	Benzo[a]anthracene	200	U
91-94-1	3,3'-Dichlorobenzidine	350	U
218-01-9	Chrysene	250	U
117-81-7	bis(2-Ethylhexyl)phthalate	280	U
117-84-0	Di-n-octylphthalate	280	U
205-99-2	Benzo[b]fluoranthene	250	U
207-08-9	Benzo[k]fluoranthene	180	U
50-32-8	Benzo[a]pyrene	190	U
193-39-5	Indeno[1,2,3-cd]pyrene	210	U
53-70-3	Dibenz[a,h]anthracene	240	U
191-24-2	Benzo[g,h,i]perylene	240	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-82

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3580 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3580.30

Sample wt/vol: 10.59 (g/ml) G Lab File ID: BN1805.D

Level: (low/med) LOW Date Received: 05/19/98

% Moisture: 6.55 decanted: (Y/N) N Date Extracted: 05/20/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/29/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 1

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 019047-85-9	Phosphonic acid, dioctadecyl est	26.35	1900	JN

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-83

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3580 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3580.34

Sample wt/vol: 10.85 (g/ml) G Lab File ID: BN1806.D

Level: (low/med) LOW Date Received: 05/19/98

% Moisture: 7.49 decanted:(Y/N) N Date Extracted: 05/20/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/29/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	300	U
62-75-9	N-nitroso-dimethylamine	200	U
62-53-3	Aniline	220	U
108-95-2	Phenol	330	U
111-44-4	bis(2-Chloroethyl)ether	210	U
95-57-8	2-Chlorophenol	190	U
541-73-1	1,3-Dichlorobenzene	210	U
106-46-7	1,4-Dichlorobenzene	290	U
100-51-6	Benzyl alcohol	270	U
95-50-1	1,2-Dichlorobenzene	240	U
	2-Methylphenol	200	U
108-60-1	bis(2-chloroisopropyl)ether	250	U
	4-Methylphenol	270	U
621-64-7	n-Nitroso-di-n-propylamine	240	U
67-72-1	Hexachloroethane	210	U
98-95-3	Nitrobenzene	270	U
78-59-1	Isophorone	260	U
88-75-5	2-Nitrophenol	170	U
105-67-9	2,4-Dimethylphenol	290	U
111-91-1	bis(2-Chloroethoxy)methane	120	U
120-83-2	2,4-Dichlorophenol	160	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	260	U
91-20-3	Naphthalene	240	U
106-47-8	4-Chloroaniline	290	U
87-68-3	Hexachlorobutadiene	250	U
59-50-7	4-Chloro-3-methylphenol	190	U
91-57-6	2-Methylnaphthalene	270	U
77-47-4	Hexachlorocyclopentadiene	57	U
88-06-2	2,4,6-Trichlorophenol	190	U
	2,4,5-Trichlorophenol	210	U
91-58-7	2-Chloronaphthalene	180	U
88-74-4	2-Nitroaniline	170	U
131-11-3	Dimethylphthalate	150	U
208-96-8	Acenaphthylene	190	U
606-20-2	2,6-Dinitrotoluene	230	U
99-09-2	3-Nitroaniline	250	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-83

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3580 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3580.34

Sample wt/vol: 10.85 (g/ml) G Lab File ID: BN1806.D

Level: (low/med) LOW Date Received: 05/19/98

% Moisture: 7.49 decanted:(Y/N) N Date Extracted: 05/20/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/29/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	170	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	190	U
100-02-7	4-Nitrophenol	460	U
121-14-2	2,4-Dinitrotoluene	190	U
84-66-2	Diethylphthalate	200	U
86-73-7	Fluorene	190	U
7005-72-3	4-Chlorophenyl-phenylether	190	U
100-01-6	4-Nitroaniline	280	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	180	U
103-33-3	Azobenzene	190	U
101-55-3	4-Bromophenyl-phenylether	170	U
118-74-1	Hexachlorobenzene	260	U
87-86-5	Pentachlorophenol	290	U
85-01-8	Phenanthrene	190	U
120-12-7	Anthracene	190	U
84-74-2	Di-n-butylphthalate	180	JB
206-44-0	Fluoranthene	190	U
92-87-5	Benzidine	900	U
129-00-0	Pyrene	230	U
85-68-7	Butylbenzylphthalate	250	U
56-55-3	Benzo[a]anthracene	200	U
91-94-1	3,3'-Dichlorobenzidine	340	U
218-01-9	Chrysene	250	U
117-81-7	bis(2-Ethylhexyl)phthalate	280	U
117-84-0	Di-n-octylphthalate	280	U
205-99-2	Benzo[b]fluoranthene	240	U
207-08-9	Benzo[k]fluoranthene	180	U
50-32-8	Benzo[a]pyrene	190	U
193-39-5	Indeno[1,2,3-cd]pyrene	200	U
53-70-3	Dibenz[a,h]anthracene	240	U
191-24-2	Benzo[g,h,i]perylene	240	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-83

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3580 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3580.34

Sample wt/vol: 10.85 (g/ml) G Lab File ID: BN1806.D

Level: (low/med) LOW Date Received: 05/19/98

% Moisture: 7.49 decanted: (Y/N) N Date Extracted: 05/20/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/29/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 1

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 019047-85-9	Phosphonic acid, dioctadecyl est	26.35	2500	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-84

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3584 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3584.02

Sample wt/vol: 10.57 (g/ml) G Lab File ID: BN1821.D

Level: (low/med) LOW Date Received: ~~07/28/98~~ 5/28/98

% Moisture: 8.7 decanted:(Y/N) N Date Extracted: ~~07/21/98~~ 5/21/98 JA 2/23/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/29/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	310	U
62-75-9	N-nitroso-dimethylamine	210	U
62-53-3	Aniline	230	U
108-95-2	Phenol	350	U
111-44-4	bis(2-Chloroethyl)ether	220	U
95-57-8	2-Chlorophenol	200	U
541-73-1	1,3-Dichlorobenzene	210	U
106-46-7	1,4-Dichlorobenzene	300	U
100-51-6	Benzyl alcohol	280	U
95-50-1	1,2-Dichlorobenzene	240	U
	2-Methylphenol	210	U
108-60-1	bis(2-chloroisopropyl)ether	260	U
	4-Methylphenol	280	U
621-64-7	n-Nitroso-di-n-propylamine	250	U
67-72-1	Hexachloroethane	220	U
98-95-3	Nitrobenzene	280	U
78-59-1	Isophorone	270	U
88-75-5	2-Nitrophenol	170	U
105-67-9	2,4-Dimethylphenol	300	U
111-91-1	bis(2-Chloroethoxy)methane	120	U
120-83-2	2,4-Dichlorophenol	160	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	270	U
91-20-3	Naphthalene	2300	
106-47-8	4-Chloroaniline	300	U
87-68-3	Hexachlorobutadiene	260	U
59-50-7	4-Chloro-3-methylphenol	200	U
91-57-6	2-Methylnaphthalene	4900	
77-47-4	Hexachlorocyclopentadiene	59	U
88-06-2	2,4,6-Trichlorophenol	190	U
	2,4,5-Trichlorophenol	220	U
91-58-7	2-Chloronaphthalene	180	U
88-74-4	2-Nitroaniline	170	U
131-11-3	Dimethylphthalate	160	U
208-96-8	Acenaphthylene	4400	
606-20-2	2,6-Dinitrotoluene	240	U
99-09-2	3-Nitroaniline	260	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-84

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3584 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3584.02

Sample wt/vol: 10.57 (g/ml) G Lab File ID: BN1821.D

Level: (low/med) LOW Date Received: 07/20/98

% Moisture: 8.7 decanted:(Y/N) N Date Extracted: 07/21/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/29/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1900	
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	540	
100-02-7	4-Nitrophenol	480	U
121-14-2	2,4-Dinitrotoluene	190	U
84-66-2	Diethylphthalate	210	U
86-73-7	Fluorene	5300	
7005-72-3	4-Chlorophenyl-phenylether	190	U
100-01-6	4-Nitroaniline	290	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	190	U
103-33-3	Azobenzene	200	U
101-55-3	4-Bromophenyl-phenylether	180	U
118-74-1	Hexachlorobenzene	270	U
87-86-5	Pentachlorophenol	310	U
85-01-8	Phenanthrene	29000	E
120-12-7	Anthracene	3200	
84-74-2	Di-n-butylphthalate	270	JB
206-44-0	Fluoranthene	16000	E
92-87-5	Benzidine	940	U
129-00-0	Pyrene	30000	E
85-68-7	Butylbenzylphthalate	260	U
56-55-3	Benzo[a]anthracene	13000	E
91-94-1	3,3'-Dichlorobenzidine	1000	
218-01-9	Chrysene	21000	E
117-81-7	bis(2-Ethylhexyl)phthalate	120	J
117-84-0	Di-n-octylphthalate	290	U
205-99-2	Benzo[b]fluoranthene	9200	
207-08-9	Benzo[k]fluoranthene	8800	
50-32-8	Benzo[a]pyrene	11000	
193-39-5	Indeno[1,2,3-cd]pyrene	4900	
53-70-3	Dibenz[a,h]anthracene	2900	
191-24-2	Benzo[g,h,i]perylene	5800	

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-84

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3584 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3584.02

Sample wt/vol: 10.57 (g/ml) G Lab File ID: BN1821.D

Level: (low/med) LOW Date Received: 07/20/98

% Moisture: 8.7 decanted: (Y/N) N Date Extracted: 07/21/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/29/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 25

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000090-12-0	Naphthalene, 1-methyl-	14.49	6500	JN
2.	unknown	15.74	3700	J
3. 000575-41-7	Naphthalene, 1,3-dimethyl-	15.95	5300	JN
4. 000575-43-9	Naphthalene, 1,6-dimethyl-	15.99	2900	JN
5.	unknown	16.21	2200	J
6. 000829-26-5	Naphthalene, 2,3,6-trimethyl-	17.27	1800	JN
7.	unknown	17.33	2200	J
8.	unknown	17.53	2200	J
9.	unknown	17.74	1600	J
10.	unknown	17.78	1600	J
11. 000613-12-7	Anthracene, 2-methyl-	21.49	1900	JN
12. 000779-02-2	Anthracene, 9-methyl-	21.58	1900	JN
13.	unknown	21.77	2000	J
14. 003674-66-6	Phenanthrene, 2,5-dimethyl-	22.86	1400	JN
15. 003674-73-5	Phenanthrene, 2,3,5-trimethyl-	23.94	1900	JN
16. 002381-21-7	Pyrene, 1-methyl-	24.28	3200	JN
17.	unknown	24.55	8200	J
18.	unknown	24.78	3000	J
19.	unknown	24.99	3400	J
20.	unknown	25.06	3000	J
21. 000082-05-3	7H-Benz[de]anthracen-7-one	25.77	2600	JN
22. 000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	25.99	1500	JN
23. 000629-96-9	1-Eicosanol	26.37	2200	JN
24. 003351-32-4	2-Methylchrysene	27.54	2700	JN
25.	unknown	29.56	3100	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-85

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3584 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3584.06

Sample wt/vol: 10.85 (g/ml) G Lab File ID: BN1822.D

Level: (low/med) LOW Date Received: 05/20/98

% Moisture: 8.05 decanted:(Y/N) N Date Extracted: 05/21/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/29/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	300	U
62-75-9	N-nitroso-dimethylamine	200	U
62-53-3	Aniline	220	U
108-95-2	Phenol	330	U
111-44-4	bis(2-Chloroethyl)ether	210	U
95-57-8	2-Chlorophenol	190	U
541-73-1	1,3-Dichlorobenzene	210	U
106-46-7	1,4-Dichlorobenzene	290	U
100-51-6	Benzyl alcohol	270	U
95-50-1	1,2-Dichlorobenzene	240	U
	2-Methylphenol	210	U
108-60-1	bis(2-chloroisopropyl)ether	250	U
	4-Methylphenol	270	U
621-64-7	n-Nitroso-di-n-propylamine	240	U
67-72-1	Hexachloroethane	210	U
98-95-3	Nitrobenzene	270	U
78-59-1	Isophorone	260	U
88-75-5	2-Nitrophenol	170	U
105-67-9	2,4-Dimethylphenol	290	U
111-91-1	bis(2-Chloroethoxy)methane	120	U
120-83-2	2,4-Dichlorophenol	160	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	260	U
91-20-3	Naphthalene	240	U
106-47-8	4-Chloroaniline	290	U
87-68-3	Hexachlorobutadiene	250	U
59-50-7	4-Chloro-3-methylphenol	200	U
91-57-6	2-Methylnaphthalene	270	U
77-47-4	Hexachlorocyclopentadiene	57	U
88-06-2	2,4,6-Trichlorophenol	190	U
	2,4,5-Trichlorophenol	210	U
91-58-7	2-Chloronaphthalene	180	U
88-74-4	2-Nitroaniline	170	U
131-11-3	Dimethylphthalate	150	U
208-96-8	Acenaphthylene	190	U
606-20-2	2,6-Dinitrotoluene	230	U
99-09-2	3-Nitroaniline	250	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-85

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3584 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3584.06

Sample wt/vol: 10.85 (g/ml) G Lab File ID: BN1822.D

Level: (low/med) LOW Date Received: 05/20/98

% Moisture: 8.05 decanted:(Y/N) N Date Extracted: 05/21/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/29/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
83-32-9	Acenaphthene	180	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	190	U
100-02-7	4-Nitrophenol	460	U
121-14-2	2,4-Dinitrotoluene	190	U
84-66-2	Diethylphthalate	200	U
86-73-7	Fluorene	190	U
7005-72-3	4-Chlorophenyl-phenylether	190	U
100-01-6	4-Nitroaniline	280	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	180	U
103-33-3	Azobenzene	190	U
101-55-3	4-Bromophenyl-phenylether	170	U
118-74-1	Hexachlorobenzene	260	U
87-86-5	Pentachlorophenol	300	U
85-01-8	Phenanthrene	190	U
120-12-7	Anthracene	190	U
84-74-2	Di-n-butylphthalate	640	JB
206-44-0	Fluoranthene	190	U
92-87-5	Benzidine	910	U
129-00-0	Pyrene	140	J
85-68-7	Butylbenzylphthalate	250	U
56-55-3	Benzo[a]anthracene	200	U
91-94-1	3,3'-Dichlorobenzidine	340	U
218-01-9	Chrysene	120	J
117-81-7	bis(2-Ethylhexyl)phthalate	110	J
117-84-0	Di-n-octylphthalate	280	U
205-99-2	Benzo[b]fluoranthene	250	U
207-08-9	Benzo[k]fluoranthene	180	U
50-32-8	Benzo[a]pyrene	190	U
193-39-5	Indeno[1,2,3-cd]pyrene	200	U
53-70-3	Dibenz[a,h]anthracene	240	U
191-24-2	Benzo[g,h,i]perylene	240	U

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-85

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3584 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3584.06

Sample wt/vol: 10.85 (g/ml) G Lab File ID: BN1822.D

Level: (low/med) LOW Date Received: 05/20/98

% Moisture: 8.05 decanted: (Y/N) N Date Extracted: 05/21/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/29/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 5

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	20.92	1100	JN
2. 001599-67-3	1-Docosene	26.36	9500	JN
3. 000629-96-9	1-Eicosanol	27.88	1100	JN
4.	unknown	28.50	3600	J
5. 000629-96-9	1-Eicosanol	30.91	2600	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-86

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3584 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3584.10

Sample wt/vol: 10.38 (g/ml) G Lab File ID: BN1767.D

Level: (low/med) LOW Date Received: 05/20/98

% Moisture: 9.26 decanted:(Y/N) N Date Extracted: 05/21/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/24/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	320	U
62-75-9	N-nitroso-dimethylamine	210	U
62-53-3	Aniline	230	U
108-95-2	Phenol	350	U
111-44-4	bis(2-Chloroethyl)ether	220	U
95-57-8	2-Chlorophenol	200	U
541-73-1	1,3-Dichlorobenzene	220	U
106-46-7	1,4-Dichlorobenzene	310	U
100-51-6	Benzyl alcohol	280	U
95-50-1	1,2-Dichlorobenzene	250	U
	2-Methylphenol	220	U
108-60-1	bis(2-chloroisopropyl)ether	270	U
	4-Methylphenol	280	U
621-64-7	n-Nitroso-di-n-propylamine	260	U
67-72-1	Hexachloroethane	220	U
98-95-3	Nitrobenzene	280	U
78-59-1	Isophorone	270	U
88-75-5	2-Nitrophenol	180	U
105-67-9	2,4-Dimethylphenol	310	U
111-91-1	bis(2-Chloroethoxy)methane	130	U
120-83-2	2,4-Dichlorophenol	170	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	280	U
91-20-3	Naphthalene	260	U
106-47-8	4-Chloroaniline	310	U
87-68-3	Hexachlorobutadiene	260	U
59-50-7	4-Chloro-3-methylphenol	210	U
91-57-6	2-Methylnaphthalene	290	U
77-47-4	Hexachlorocyclopentadiene	61	U
88-06-2	2,4,6-Trichlorophenol	200	U
	2,4,5-Trichlorophenol	220	U
91-58-7	2-Chloronaphthalene	190	U
88-74-4	2-Nitroaniline	180	U
131-11-3	Dimethylphthalate	160	U
208-96-8	Acenaphthylene	200	U
606-20-2	2,6-Dinitrotoluene	240	U
99-09-2	3-Nitroaniline	270	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-86

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3584 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3584.10

Sample wt/vol: 10.38 (g/ml) G Lab File ID: BN1767.D

Level: (low/med) LOW Date Received: 05/20/98

% Moisture: 9.26 decanted:(Y/N) N Date Extracted: 05/21/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/24/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
83-32-9	Acenaphthene	190	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	200	U
100-02-7	4-Nitrophenol	490	U
121-14-2	2,4-Dinitrotoluene	200	U
84-66-2	Diethylphthalate	220	U
86-73-7	Fluorene	200	U
7005-72-3	4-Chlorophenyl-phenylether	200	U
100-01-6	4-Nitroaniline	300	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	190	U
103-33-3	Azobenzene	200	U
101-55-3	4-Bromophenyl-phenylether	180	U
118-74-1	Hexachlorobenzene	280	U
87-86-5	Pentachlorophenol	310	U
85-01-8	Phenanthrene	200	U
120-12-7	Anthracene	200	U
84-74-2	Di-n-butylphthalate	870	JB
206-44-0	Fluoranthene	210	U
92-87-5	Benzidine	960	U
129-00-0	Pyrene	240	U
85-68-7	Butylbenzylphthalate	270	U
56-55-3	Benzo[a]anthracene	210	U
91-94-1	3,3'-Dichlorobenzidine	370	U
218-01-9	Chrysene	270	U
117-81-7	bis(2-Ethylhexyl)phthalate	150	J
117-84-0	Di-n-octylphthalate	300	U
205-99-2	Benzo[b]fluoranthene	260	U
207-08-9	Benzo[k]fluoranthene	190	U
50-32-8	Benzo[a]pyrene	200	U
193-39-5	Indeno[1,2,3-cd]pyrene	220	U
53-70-3	Dibenz[a,h]anthracene	250	U
191-24-2	Benzo[g,h,i]perylene	250	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-86

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3584 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3584.10

Sample wt/vol: 10.38 (g/ml) G Lab File ID: BN1767.D

Level: (low/med) LOW Date Received: 05/20/98

% Moisture: 9.26 decanted: (Y/N) N Date Extracted: 05/21/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/24/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 2

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	20.94	1100	JN
2. 000629-96-9	1-Eicosanol	26.38	8800	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-87

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3584 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3584.14

Sample wt/vol: 10.86 (g/ml) G Lab File ID: BN1768.D

Level: (low/med) LOW Date Received: 05/20/98

% Moisture: 8.17 decanted:(Y/N) N Date Extracted: 05/21/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/24/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	300	U
62-75-9	N-nitroso-dimethylamine	200	U
62-53-3	Aniline	220	U
108-95-2	Phenol	330	U
111-44-4	bis(2-Chloroethyl)ether	210	U
95-57-8	2-Chlorophenol	190	U
541-73-1	1,3-Dichlorobenzene	210	U
106-46-7	1,4-Dichlorobenzene	290	U
100-51-6	Benzyl alcohol	270	U
95-50-1	1,2-Dichlorobenzene	240	U
	2-Methylphenol	210	U
108-60-1	bis(2-chloroisopropyl)ether	250	U
	4-Methylphenol	270	U
621-64-7	n-Nitroso-di-n-propylamine	240	U
67-72-1	Hexachloroethane	210	U
98-95-3	Nitrobenzene	270	U
78-59-1	Isophorone	260	U
88-75-5	2-Nitrophenol	170	U
105-67-9	2,4-Dimethylphenol	290	U
111-91-1	bis(2-Chloroethoxy)methane	120	U
120-83-2	2,4-Dichlorophenol	160	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	260	U
91-20-3	Naphthalene	240	U
106-47-8	4-Chloroaniline	290	U
87-68-3	Hexachlorobutadiene	250	U
59-50-7	4-Chloro-3-methylphenol	200	U
91-57-6	2-Methylnaphthalene	270	U
77-47-4	Hexachlorocyclopentadiene	57	U
88-06-2	2,4,6-Trichlorophenol	190	U
	2,4,5-Trichlorophenol	210	U
91-58-7	2-Chloronaphthalene	180	U
88-74-4	2-Nitroaniline	170	U
131-11-3	Dimethylphthalate	150	U
208-96-8	Acenaphthylene	190	U
606-20-2	2,6-Dinitrotoluene	230	U
99-09-2	3-Nitroaniline	250	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-87

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3584 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3584.14

Sample wt/vol: 10.86 (g/ml) G Lab File ID: BN1768.D

Level: (low/med) LOW Date Received: 05/20/98

% Moisture: 8.17 decanted:(Y/N) N Date Extracted: 05/21/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/24/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
83-32-9	Acenaphthene	180	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	190	U
100-02-7	4-Nitrophenol	460	U
121-14-2	2,4-Dinitrotoluene	190	U
84-66-2	Diethylphthalate	200	U
86-73-7	Fluorene	190	U
7005-72-3	4-Chlorophenyl-phenylether	190	U
100-01-6	4-Nitroaniline	280	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	180	U
103-33-3	Azobenzene	190	U
101-55-3	4-Bromophenyl-phenylether	170	U
118-74-1	Hexachlorobenzene	260	U
87-86-5	Pentachlorophenol	300	U
85-01-8	Phenanthrene	190	U
120-12-7	Anthracene	190	U
84-74-2	Di-n-butylphthalate	660	JB
206-44-0	Fluoranthene	190	U
92-87-5	Benzidine	910	U
129-00-0	Pyrene	230	U
85-68-7	Butylbenzylphthalate	250	U
56-55-3	Benzo[a]anthracene	200	U
91-94-1	3,3'-Dichlorobenzidine	340	U
218-01-9	Chrysene	250	U
117-81-7	bis(2-Ethylhexyl)phthalate	160	J
117-84-0	Di-n-octylphthalate	280	U
205-99-2	Benzo[b]fluoranthene	250	U
207-08-9	Benzo[k]fluoranthene	180	U
50-32-8	Benzo[a]pyrene	190	U
193-39-5	Indeno[1,2,3-cd]pyrene	200	U
53-70-3	Dibenz[a,h]anthracene	240	U
191-24-2	Benzo[g,h,i]perylene	240	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-87

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3584 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3584.14

Sample wt/vol: 10.86 (g/ml) G Lab File ID: BN1768.D

Level: (low/med) LOW Date Received: 05/20/98

% Moisture: 8.17 decanted: (Y/N) N Date Extracted: 05/21/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/24/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 4 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 001599-67-3	1-Docosene	26.38	8400	JN
2. 000629-96-9	1-Eicosanol	27.90	940	JN
3. 002765-11-9	Pentadecanal-	28.90	910	JN
4. 000629-96-9	1-Eicosanol	29.32	1400	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-88

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3584 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3584.18

Sample wt/vol: 10.43 (g/ml) G Lab File ID: BN1939.D

Level: (low/med) LOW Date Received: 05/20/98

% Moisture: 14.51 decanted:(Y/N) N Date Extracted: 05/21/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/15/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	340	U
62-75-9	N-nitroso-dimethylamine	220	U
62-53-3	Aniline	240	U
108-95-2	Phenol	370	U
111-44-4	bis(2-Chloroethyl)ether	240	U
95-57-8	2-Chlorophenol	210	U
541-73-1	1,3-Dichlorobenzene	230	U
106-46-7	1,4-Dichlorobenzene	330	U
100-51-6	Benzyl alcohol	300	U
95-50-1	1,2-Dichlorobenzene	260	U
	2-Methylphenol	230	U
108-60-1	bis(2-chloroisopropyl)ether	280	U
	4-Methylphenol	300	U
621-64-7	n-Nitroso-di-n-propylamine	270	U
67-72-1	Hexachloroethane	240	U
98-95-3	Nitrobenzene	300	U
78-59-1	Isophorone	290	U
88-75-5	2-Nitrophenol	190	U
105-67-9	2,4-Dimethylphenol	330	U
111-91-1	bis(2-Chloroethoxy)methane	130	U
120-83-2	2,4-Dichlorophenol	180	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	290	U
91-20-3	Naphthalene	270	U
106-47-8	4-Chloroaniline	330	U
87-68-3	Hexachlorobutadiene	280	U
59-50-7	4-Chloro-3-methylphenol	220	U
91-57-6	2-Methylnaphthalene	310	U
77-47-4	Hexachlorocyclopentadiene	64	U
88-06-2	2,4,6-Trichlorophenol	210	U
	2,4,5-Trichlorophenol	240	U
91-58-7	2-Chloronaphthalene	200	U
88-74-4	2-Nitroaniline	190	U
131-11-3	Dimethylphthalate	170	U
208-96-8	Acenaphthylene	220	U
606-20-2	2,6-Dinitrotoluene	260	U
99-09-2	3-Nitroaniline	280	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-88

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3584 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3584.18

Sample wt/vol: 10.43 (g/ml) G Lab File ID: BN1939.D

Level: (low/med) LOW Date Received: 05/20/98

% Moisture: 14.51 decanted:(Y/N) N Date Extracted: 05/21/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/15/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
83-32-9	Acenaphthene	200	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	210	U
100-02-7	4-Nitrophenol	510	U
121-14-2	2,4-Dinitrotoluene	210	U
84-66-2	Diethylphthalate	230	U
86-73-7	Fluorene	210	U
7005-72-3	4-Chlorophenyl-phenylether	210	U
100-01-6	4-Nitroaniline	320	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	210	U
103-33-3	Azobenzene	210	U
101-55-3	4-Bromophenyl-phenylether	190	U
118-74-1	Hexachlorobenzene	300	U
87-86-5	Pentachlorophenol	330	U
85-01-8	Phenanthrene	220	U
120-12-7	Anthracene	220	U
84-74-2	Di-n-butylphthalate	290	JB
206-44-0	Fluoranthene	220	U
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	250	U
85-68-7	Butylbenzylphthalate	280	U
56-55-3	Benzo[a]anthracene	220	U
91-94-1	3,3'-Dichlorobenzidine	390	U
218-01-9	Chrysene	280	U
117-81-7	bis(2-Ethylhexyl)phthalate	310	U
117-84-0	Di-n-octylphthalate	320	U
205-99-2	Benzo[b]fluoranthene	270	U
207-08-9	Benzo[k]fluoranthene	200	U
50-32-8	Benzo[a]pyrene	210	U
193-39-5	Indeno[1,2,3-cd]pyrene	230	U
53-70-3	Dibenz[a,h]anthracene	270	U
191-24-2	Benzo[g,h,i]perylene	270	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-88

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3584 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3584.18

Sample wt/vol: 10.43 (g/ml) G Lab File ID: BN1939.D

Level: (low/med) LOW Date Received: 05/20/98

% Moisture: 14.51 decanted: (Y/N) N Date Extracted: 05/21/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/15/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 4

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000057-10-3	Hexadecanoic acid	21.72	3000	JN
2. 000057-11-4	Octadecanoic acid	23.57	1900	JN
3. 001599-67-3	1-Docosene	26.31	10000	JN
4. 000629-96-9	1-Eicosanol	30.85	1800	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-89

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3584 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3584.22

Sample wt/vol: 10.42 (g/ml) G Lab File ID: BN1872.D

Level: (low/med) LOW Date Received: 05/20/98

% Moisture: 17.64 decanted:(Y/N) N Date Extracted: 05/21/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/06/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	350	U
62-75-9	N-nitroso-dimethylamine	230	U
62-53-3	Aniline	250	U
108-95-2	Phenol	390	U
111-44-4	bis(2-Chloroethyl)ether	240	U
95-57-8	2-Chlorophenol	220	U
541-73-1	1,3-Dichlorobenzene	240	U
106-46-7	1,4-Dichlorobenzene	340	U
100-51-6	Benzyl alcohol	310	U
95-50-1	1,2-Dichlorobenzene	270	U
	2-Methylphenol	240	U
108-60-1	bis(2-chloroisopropyl)ether	290	U
	4-Methylphenol	310	U
621-64-7	n-Nitroso-di-n-propylamine	280	U
67-72-1	Hexachloroethane	240	U
98-95-3	Nitrobenzene	310	U
78-59-1	Isophorone	300	U
88-75-5	2-Nitrophenol	200	U
105-67-9	2,4-Dimethylphenol	340	U
111-91-1	bis(2-Chloroethoxy)methane	140	U
120-83-2	2,4-Dichlorophenol	180	U
65-85-0	Benzoic Acid	1200	U
120-82-1	1,2,4-Trichlorobenzene	310	U
91-20-3	Naphthalene	280	U
106-47-8	4-Chloroaniline	340	U
87-68-3	Hexachlorobutadiene	290	U
59-50-7	4-Chloro-3-methylphenol	230	U
91-57-6	2-Methylnaphthalene	320	U
77-47-4	Hexachlorocyclopentadiene	66	U
88-06-2	2,4,6-Trichlorophenol	220	U
	2,4,5-Trichlorophenol	240	U
91-58-7	2-Chloronaphthalene	210	U
88-74-4	2-Nitroaniline	190	U
131-11-3	Dimethylphthalate	180	U
208-96-8	Acenaphthylene	220	U
606-20-2	2,6-Dinitrotoluene	270	U
99-09-2	3-Nitroaniline	290	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-89

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3584 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3584.22

Sample wt/vol: 10.42 (g/ml) G Lab File ID: BN1872.D

Level: (low/med) LOW Date Received: 05/20/98

% Moisture: 17.64 decanted:(Y/N) N Date Extracted: 05/21/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/06/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
83-32-9	Acenaphthene	200	U
51-28-5	2,4-Dinitrophenol	1200	U
132-64-9	Dibenzofuran	220	U
100-02-7	4-Nitrophenol	530	U
121-14-2	2,4-Dinitrotoluene	220	U
84-66-2	Diethylphthalate	240	U
86-73-7	Fluorene	220	U
7005-72-3	4-Chlorophenyl-phenylether	220	U
100-01-6	4-Nitroaniline	330	U
534-52-1	4,6-Dinitro-2-methylphenol	1200	U
86-30-6	n-Nitrosodiphenylamine	210	U
103-33-3	Azobenzene	220	U
101-55-3	4-Bromophenyl-phenylether	200	U
118-74-1	Hexachlorobenzene	310	U
87-86-5	Pentachlorophenol	340	U
85-01-8	Phenanthrene	220	U
120-12-7	Anthracene	220	U
84-74-2	Di-n-butylphthalate	970	U
206-44-0	Fluoranthene	230	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	260	U
85-68-7	Butylbenzylphthalate	290	U
56-55-3	Benzo[a]anthracene	230	U
91-94-1	3,3'-Dichlorobenzidine	400	U
218-01-9	Chrysene	290	U
117-81-7	bis(2-Ethylhexyl)phthalate	320	U
117-84-0	Di-n-octylphthalate	330	U
205-99-2	Benzo[b]fluoranthene	290	U
207-08-9	Benzo[k]fluoranthene	210	U
50-32-8	Benzo[a]pyrene	220	U
193-39-5	Indeno[1,2,3-cd]pyrene	240	U
53-70-3	Dibenz[a,h]anthracene	280	U
191-24-2	Benzo[g,h,i]perylene	280	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-89

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3584 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3584.22

Sample wt/vol: 10.42 (g/ml) G Lab File ID: BN1872.D

Level: (low/med) LOW Date Received: 05/20/98

% Moisture: 17.64 decanted: (Y/N) N Date Extracted: 05/21/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/06/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000112-92-5	1-Octadecanol	26.33	8600	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-90

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3584 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3584.26

Sample wt/vol: 10.78 (g/ml) G Lab File ID: BN1773.D

Level: (low/med) LOW Date Received: 05/20/98

% Moisture: 13.72 decanted:(Y/N) N Date Extracted: 05/21/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/24/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	320	U
62-75-9	N-nitroso-dimethylamine	220	U
62-53-3	Aniline	230	U
108-95-2	Phenol	360	U
111-44-4	bis(2-Chloroethyl)ether	230	U
95-57-8	2-Chlorophenol	210	U
541-73-1	1,3-Dichlorobenzene	220	U
106-46-7	1,4-Dichlorobenzene	310	U
100-51-6	Benzyl alcohol	290	U
95-50-1	1,2-Dichlorobenzene	250	U
	2-Methylphenol	220	U
108-60-1	bis(2-chloroisopropyl)ether	270	U
	4-Methylphenol	290	U
621-64-7	n-Nitroso-di-n-propylamine	260	U
67-72-1	Hexachloroethane	230	U
98-95-3	Nitrobenzene	290	U
78-59-1	Isophorone	280	U
88-75-5	2-Nitrophenol	180	U
105-67-9	2,4-Dimethylphenol	310	U
111-91-1	bis(2-Chloroethoxy)methane	130	U
120-83-2	2,4-Dichlorophenol	170	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	280	U
91-20-3	Naphthalene	130	J
106-47-8	4-Chloroaniline	320	U
87-68-3	Hexachlorobutadiene	270	U
59-50-7	4-Chloro-3-methylphenol	210	U
91-57-6	2-Methylnaphthalene	170	J
77-47-4	Hexachlorocyclopentadiene	61	U
88-06-2	2,4,6-Trichlorophenol	200	U
	2,4,5-Trichlorophenol	230	U
91-58-7	2-Chloronaphthalene	190	U
88-74-4	2-Nitroaniline	180	U
131-11-3	Dimethylphthalate	160	U
208-96-8	Acenaphthylene	210	U
606-20-2	2,6-Dinitrotoluene	250	U
99-09-2	3-Nitroaniline	270	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-90

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3584 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3584.26

Sample wt/vol: 10.78 (g/ml) G Lab File ID: BN1773.D

Level: (low/med) LOW Date Received: 05/20/98

% Moisture: 13.72 decanted:(Y/N) N Date Extracted: 05/21/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/24/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	190	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	200	U
100-02-7	4-Nitrophenol	490	U
121-14-2	2,4-Dinitrotoluene	200	U
84-66-2	Diethylphthalate	220	U
86-73-7	Fluorene	210	U
7005-72-3	4-Chlorophenyl-phenylether	200	U
100-01-6	4-Nitroaniline	300	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	200	U
103-33-3	Azobenzene	210	U
101-55-3	4-Bromophenyl-phenylether	190	U
118-74-1	Hexachlorobenzene	280	U
87-86-5	Pentachlorophenol	320	U
85-01-8	Phenanthrene	480	
120-12-7	Anthracene	210	U
84-74-2	Di-n-butylphthalate	510	JB
206-44-0	Fluoranthene	480	
92-87-5	Benzidine	970	U
129-00-0	Pyrene	840	
85-68-7	Butylbenzylphthalate	270	U
56-55-3	Benzo[a]anthracene	360	
91-94-1	3,3'-Dichlorobenzidine	370	U
218-01-9	Chrysene	590	
117-81-7	bis(2-Ethylhexyl)phthalate	120	J
117-84-0	Di-n-octylphthalate	300	U
205-99-2	Benzo[b]fluoranthene	250	J
207-08-9	Benzo[k]fluoranthene	340	
50-32-8	Benzo[a]pyrene	410	
193-39-5	Indeno[1,2,3-cd]pyrene	200	J
53-70-3	Dibenz[a,h]anthracene	260	U
191-24-2	Benzo[g,h,i]perylene	230	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-90

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3584 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3584.26

Sample wt/vol: 10.78 (g/ml) G Lab File ID: BN1773.D

Level: (low/med) LOW Date Received: 05/20/98

% Moisture: 13.72 decanted: (Y/N) N Date Extracted: 05/21/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/24/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 2

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000629-96-9	1-Eicosanol	26.38	8500	JN
2. 000112-92-5	1-Octadecanol	30.96	1600	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-91

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3584 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3584.30

Sample wt/vol: 10.94 (g/ml) G Lab File ID: BN1774.D

Level: (low/med) LOW Date Received: 05/20/98

% Moisture: 7.97 decanted:(Y/N) N Date Extracted: 05/21/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/24/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
110-86-1	Pyridine	300	U
62-75-9	N-nitroso-dimethylamine	200	U
62-53-3	Aniline	220	U
108-95-2	Phenol	330	U
111-44-4	bis(2-Chloroethyl)ether	210	U
95-57-8	2-Chlorophenol	190	U
541-73-1	1,3-Dichlorobenzene	210	U
106-46-7	1,4-Dichlorobenzene	290	U
100-51-6	Benzyl alcohol	270	U
95-50-1	1,2-Dichlorobenzene	230	U
	2-Methylphenol	200	U
108-60-1	bis(2-chloroisopropyl)ether	250	U
	4-Methylphenol	270	U
621-64-7	n-Nitroso-di-n-propylamine	240	U
67-72-1	Hexachloroethane	210	U
98-95-3	Nitrobenzene	270	U
78-59-1	Isophorone	250	U
88-75-5	2-Nitrophenol	170	U
105-67-9	2,4-Dimethylphenol	290	U
111-91-1	bis(2-Chloroethoxy)methane	120	U
120-83-2	2,4-Dichlorophenol	160	U
65-85-0	Benzoic Acid	990	U
120-82-1	1,2,4-Trichlorobenzene	260	U
91-20-3	Naphthalene	240	U
106-47-8	4-Chloroaniline	290	U
87-68-3	Hexachlorobutadiene	250	U
59-50-7	4-Chloro-3-methylphenol	190	U
91-57-6	2-Methylnaphthalene	270	U
77-47-4	Hexachlorocyclopentadiene	57	U
88-06-2	2,4,6-Trichlorophenol	190	U
	2,4,5-Trichlorophenol	210	U
91-58-7	2-Chloronaphthalene	180	U
88-74-4	2-Nitroaniline	160	U
131-11-3	Dimethylphthalate	150	U
208-96-8	Acenaphthylene	190	U
606-20-2	2,6-Dinitrotoluene	230	U
99-09-2	3-Nitroaniline	250	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-91

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3584 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3584.30

Sample wt/vol: 10.94 (g/ml) G Lab File ID: BN1774.D

Level: (low/med) LOW Date Received: 05/20/98

% Moisture: 7.97 decanted:(Y/N) N Date Extracted: 05/21/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/24/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	170	U
51-28-5	2,4-Dinitrophenol	990	U
132-64-9	Dibenzofuran	180	U
100-02-7	4-Nitrophenol	460	U
121-14-2	2,4-Dinitrotoluene	180	U
84-66-2	Diethylphthalate	200	U
86-73-7	Fluorene	190	U
7005-72-3	4-Chlorophenyl-phenylether	190	U
100-01-6	4-Nitroaniline	280	U
534-52-1	4,6-Dinitro-2-methylphenol	990	U
86-30-6	n-Nitrosodiphenylamine	180	U
103-33-3	Azobenzene	190	U
101-55-3	4-Bromophenyl-phenylether	170	U
118-74-1	Hexachlorobenzene	260	U
87-86-5	Pentachlorophenol	290	U
85-01-8	Phenanthrene	190	U
120-12-7	Anthracene	190	U
84-74-2	Di-n-butylphthalate	320	JB
206-44-0	Fluoranthene	190	U
92-87-5	Benzidine	900	U
129-00-0	Pyrene	220	U
85-68-7	Butylbenzylphthalate	250	U
56-55-3	Benzo[a]anthracene	190	U
91-94-1	3,3'-Dichlorobenzidine	340	U
218-01-9	Chrysene	250	U
117-81-7	bis(2-Ethylhexyl)phthalate	110	J
117-84-0	Di-n-octylphthalate	280	U
205-99-2	Benzo[b]fluoranthene	240	U
207-08-9	Benzo[k]fluoranthene	180	U
50-32-8	Benzo[a]pyrene	190	U
193-39-5	Indeno[1,2,3-cd]pyrene	200	U
53-70-3	Dibenz[a,h]anthracene	240	U
191-24-2	Benzo[g,h,i]perylene	240	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-91

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3584 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3584.30

Sample wt/vol: 10.94 (g/ml) G Lab File ID: BN1774.D

Level: (low/med) LOW Date Received: 05/20/98

% Moisture: 7.97 decanted: (Y/N) N Date Extracted: 05/21/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/24/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 1

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 001454-85-9	1-Heptadecanol	26.38	8400	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-92

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3584 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3584.34

Sample wt/vol: 10.57 (g/ml) G Lab File ID: BN1873.D

Level: (low/med) LOW Date Received: 05/20/98

% Moisture: 8.41 decanted:(Y/N) N Date Extracted: 05/21/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/06/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	310	U
62-75-9	N-nitroso-dimethylamine	210	U
62-53-3	Aniline	230	U
108-95-2	Phenol	340	U
111-44-4	bis(2-Chloroethyl)ether	220	U
95-57-8	2-Chlorophenol	200	U
541-73-1	1,3-Dichlorobenzene	210	U
106-46-7	1,4-Dichlorobenzene	300	U
100-51-6	Benzyl alcohol	280	U
95-50-1	1,2-Dichlorobenzene	240	U
	2-Methylphenol	210	U
108-60-1	bis(2-chloroisopropyl)ether	260	U
	4-Methylphenol	280	U
621-64-7	n-Nitroso-di-n-propylamine	250	U
67-72-1	Hexachloroethane	220	U
98-95-3	Nitrobenzene	280	U
78-59-1	Isophorone	260	U
88-75-5	2-Nitrophenol	170	U
105-67-9	2,4-Dimethylphenol	300	U
111-91-1	bis(2-Chloroethoxy)methane	120	U
120-83-2	2,4-Dichlorophenol	160	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	270	U
91-20-3	Naphthalene	250	U
106-47-8	4-Chloroaniline	300	U
87-68-3	Hexachlorobutadiene	260	U
59-50-7	4-Chloro-3-methylphenol	200	U
91-57-6	2-Methylnaphthalene	280	U
77-47-4	Hexachlorocyclopentadiene	59	U
88-06-2	2,4,6-Trichlorophenol	190	U
	2,4,5-Trichlorophenol	220	U
91-58-7	2-Chloronaphthalene	180	U
88-74-4	2-Nitroaniline	170	U
131-11-3	Dimethylphthalate	160	U
208-96-8	Acenaphthylene	200	U
606-20-2	2,6-Dinitrotoluene	240	U
99-09-2	3-Nitroaniline	260	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-92

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3584 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3584.34

Sample wt/vol: 10.57 (g/ml) G Lab File ID: BN1873.D

Level: (low/med) LOW Date Received: 05/20/98

% Moisture: 8.41 decanted:(Y/N) N Date Extracted: 05/21/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/06/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	590	
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	640	
100-02-7	4-Nitrophenol	470	U
121-14-2	2,4-Dinitrotoluene	190	U
84-66-2	Diethylphthalate	210	U
86-73-7	Fluorene	1100	
7005-72-3	4-Chlorophenyl-phenylether	190	U
100-01-6	4-Nitroaniline	290	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	190	U
103-33-3	Azobenzene	200	U
101-55-3	4-Bromophenyl-phenylether	180	U
118-74-1	Hexachlorobenzene	270	U
87-86-5	Pentachlorophenol	300	U
85-01-8	Phenanthrene	200	U
120-12-7	Anthracene	3300	
84-74-2	Di-n-butylphthalate	280	JB
206-44-0	Fluoranthene	200	U
92-87-5	Benzidine	940	U
129-00-0	Pyrene	11000	
85-68-7	Butylbenzylphthalate	260	U
56-55-3	Benzo[a]anthracene	7200	
91-94-1	3,3'-Dichlorobenzidine	360	U
218-01-9	Chrysene	9700	
117-81-7	bis(2-Ethylhexyl)phthalate	290	U
117-84-0	Di-n-octylphthalate	290	U
205-99-2	Benzo[b]fluoranthene	5600	
207-08-9	Benzo[k]fluoranthene	3900	
50-32-8	Benzo[a]pyrene	5300	
193-39-5	Indeno[1,2,3-cd]pyrene	3000	
53-70-3	Dibenz[a,h]anthracene	640	
191-24-2	Benzo[g,h,i]perylene	2800	

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-92

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3584 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3584.34

Sample wt/vol: 10.57 (g/ml) G Lab File ID: BN1873.D

Level: (low/med) LOW Date Received: 05/20/98

% Moisture: 8.41 decanted: (Y/N) N Date Extracted: 05/21/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/06/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 23

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000086-74-8	Carbazole	20.82	1400	JN
2. 000613-12-7	Anthracene, 2-methyl-	21.43	840	JN
3. 000613-12-7	Anthracene, 2-methyl-	21.49	1100	JN
4. 000203-64-5	4H-Cyclopenta[def]phenanthrene	21.69	2200	JN
5.	unknown	23.00	920	J
6. 000243-42-5	Benzo[b]naphtho[2,3-d]furan	23.80	970	JN
7. 000243-42-5	Benzo[b]naphtho[2,3-d]furan	23.94	1200	JN
8. 000238-84-6	11H-Benzo[a]fluorene	24.47	4700	JN
9. 000243-17-4	11H-Benzo[b]fluorene	24.62	2200	JN
10. 002381-21-7	Pyrene, 1-methyl-	24.70	1600	JN
11.	unknown	24.74	1400	J
12. 000082-05-3	7H-Benz[de]anthracen-7-one	25.70	1200	JN
13.	unknown	26.02	1800	J
14. 000082-05-3	7H-Benz[de]anthracen-7-one	26.20	1200	JN
15. 001599-67-3	1-Docosene	26.34	11000	JN
16. 000630-06-8	Hexatriacontane	27.11	1400	JN
17. 001705-85-7	Chrysene, 6-methyl-	27.48	1200	JN
18.	unknown	27.85	2700	J
19. 000207-08-9	Benzo[k]fluoranthene	29.15	1500	JN
20. 000544-76-3	Hexadecane	29.23	1700	JN
21. 000198-55-0	Perylene	29.51	3100	JN
22. 000112-95-8	Eicosane	30.79	1100	JN
23. 000112-92-5	1-Octadecanol	30.89	1500	JN

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-93

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3588 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3588.02

Sample wt/vol: 10.67 (g/ml) G Lab File ID: BN1863.D

Level: (low/med) LOW Date Received: 05/21/98

% Moisture: 12.06 decanted:(Y/N) N Date Extracted: 05/22/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/06/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
110-86-1	Pyridine	320	U
62-75-9	N-nitroso-dimethylamine	210	U
62-53-3	Aniline	230	U
108-95-2	Phenol	350	U
111-44-4	bis(2-Chloroethyl)ether	220	U
95-57-8	2-Chlorophenol	200	U
541-73-1	1,3-Dichlorobenzene	220	U
106-46-7	1,4-Dichlorobenzene	310	U
100-51-6	Benzyl alcohol	280	U
95-50-1	1,2-Dichlorobenzene	250	U
	2-Methylphenol	220	U
108-60-1	bis(2-chloroisopropyl)ether	270	U
	4-Methylphenol	280	U
621-64-7	n-Nitroso-di-n-propylamine	260	U
67-72-1	Hexachloroethane	220	U
98-95-3	Nitrobenzene	290	U
78-59-1	Isophorone	270	U
88-75-5	2-Nitrophenol	180	U
105-67-9	2,4-Dimethylphenol	310	U
111-91-1	bis(2-Chloroethoxy)methane	130	U
120-83-2	2,4-Dichlorophenol	170	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	280	U
91-20-3	Naphthalene	260	U
106-47-8	4-Chloroaniline	310	U
87-68-3	Hexachlorobutadiene	270	U
59-50-7	4-Chloro-3-methylphenol	210	U
91-57-6	2-Methylnaphthalene	290	U
77-47-4	Hexachlorocyclopentadiene	61	U
88-06-2	2,4,6-Trichlorophenol	200	U
	2,4,5-Trichlorophenol	220	U
91-58-7	2-Chloronaphthalene	190	U
88-74-4	2-Nitroaniline	180	U
131-11-3	Dimethylphthalate	160	U
208-96-8	Acenaphthylene	200	U
606-20-2	2,6-Dinitrotoluene	240	U
99-09-2	3-Nitroaniline	270	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-93

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3588 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3588.02

Sample wt/vol: 10.67 (g/ml) G Lab File ID: BN1863.D

Level: (low/med) LOW Date Received: 05/21/98

% Moisture: 12.06 decanted:(Y/N) N Date Extracted: 05/22/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/06/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	190	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	200	U
100-02-7	4-Nitrophenol	490	U
121-14-2	2,4-Dinitrotoluene	200	U
84-66-2	Diethylphthalate	220	U
86-73-7	Fluorene	200	U
7005-72-3	4-Chlorophenyl-phenylether	200	U
100-01-6	4-Nitroaniline	300	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	200	U
103-33-3	Azobenzene	200	U
101-55-3	4-Bromophenyl-phenylether	180	U
118-74-1	Hexachlorobenzene	280	U
87-86-5	Pentachlorophenol	310	U
85-01-8	Phenanthrene	210	U
120-12-7	Anthracene	210	U
84-74-2	Di-n-butylphthalate	470	JB
206-44-0	Fluoranthene	210	U
92-87-5	Benzidine	970	U
129-00-0	Pyrene	240	U
85-68-7	Butylbenzylphthalate	270	U
56-55-3	Benzo[a]anthracene	210	U
91-94-1	3,3'-Dichlorobenzidine	370	U
218-01-9	Chrysene	270	U
117-81-7	bis(2-Ethylhexyl)phthalate	300	U
117-84-0	Di-n-octylphthalate	300	U
205-99-2	Benzo[b]fluoranthene	260	U
207-08-9	Benzo[k]fluoranthene	190	U
50-32-8	Benzo[a]pyrene	200	U
193-39-5	Indeno[1,2,3-cd]pyrene	220	U
53-70-3	Dibenz[a,h]anthracene	250	U
191-24-2	Benzo[g,h,i]perylene	250	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-93

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3588 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3588.02

Sample wt/vol: 10.67 (g/ml) G Lab File ID: BN1863.D

Level: (low/med) LOW Date Received: 05/21/98

% Moisture: 12.06 decanted: (Y/N) N Date Extracted: 05/22/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/06/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 3 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 001599-67-3	1-Docosene	26.34	7100	JN
2. 006624-79-9	1-Dotriacontanol	27.85	1100	JN
3. 002765-11-9	Pentadecanal-	28.84	880	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-94

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3588 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3588.06

Sample wt/vol: 10.76 (g/ml) G Lab File ID: BN1866.D

Level: (low/med) LOW Date Received: 05/21/98

% Moisture: 8.45 decanted:(Y/N) N Date Extracted: 05/22/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/06/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	300	U
62-75-9	N-nitroso-dimethylamine	200	U
62-53-3	Aniline	220	U
108-95-2	Phenol	340	U
111-44-4	bis(2-Chloroethyl)ether	210	U
95-57-8	2-Chlorophenol	190	U
541-73-1	1,3-Dichlorobenzene	210	U
106-46-7	1,4-Dichlorobenzene	300	U
100-51-6	Benzyl alcohol	270	U
95-50-1	1,2-Dichlorobenzene	240	U
	2-Methylphenol	210	U
108-60-1	bis(2-chloroisopropyl)ether	250	U
	4-Methylphenol	270	U
621-64-7	n-Nitroso-di-n-propylamine	250	U
67-72-1	Hexachloroethane	210	U
98-95-3	Nitrobenzene	270	U
78-59-1	Isophorone	260	U
88-75-5	2-Nitrophenol	170	U
105-67-9	2,4-Dimethylphenol	300	U
111-91-1	bis(2-Chloroethoxy)methane	120	U
120-83-2	2,4-Dichlorophenol	160	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	270	U
91-20-3	Naphthalene	250	U
106-47-8	4-Chloroaniline	300	U
87-68-3	Hexachlorobutadiene	250	U
59-50-7	4-Chloro-3-methylphenol	200	U
91-57-6	2-Methylnaphthalene	280	U
77-47-4	Hexachlorocyclopentadiene	58	U
88-06-2	2,4,6-Trichlorophenol	190	U
	2,4,5-Trichlorophenol	210	U
91-58-7	2-Chloronaphthalene	180	U
88-74-4	2-Nitroaniline	170	U
131-11-3	Dimethylphthalate	150	U
208-96-8	Acenaphthylene	190	U
606-20-2	2,6-Dinitrotoluene	230	U
99-09-2	3-Nitroaniline	250	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-94

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3588 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3588.06

Sample wt/vol: 10.76 (g/ml) G Lab File ID: BN1866.D

Level: (low/med) LOW Date Received: 05/21/98

% Moisture: 8.45 decanted:(Y/N) N Date Extracted: 05/22/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/06/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	180	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	190	U
100-02-7	4-Nitrophenol	470	U
121-14-2	2,4-Dinitrotoluene	190	U
84-66-2	Diethylphthalate	210	U
86-73-7	Fluorene	190	U
7005-72-3	4-Chlorophenyl-phenylether	190	U
100-01-6	4-Nitroaniline	290	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	190	U
103-33-3	Azobenzene	190	U
101-55-3	4-Bromophenyl-phenylether	180	U
118-74-1	Hexachlorobenzene	270	U
87-86-5	Pentachlorophenol	300	U
85-01-8	Phenanthrene	200	U
120-12-7	Anthracene	200	U
84-74-2	Di-n-butylphthalate	270	JB
206-44-0	Fluoranthene	200	U
92-87-5	Benzidine	920	U
129-00-0	Pyrene	230	U
85-68-7	Butylbenzylphthalate	250	U
56-55-3	Benzo[a]anthracene	200	U
91-94-1	3,3'-Dichlorobenzidine	350	U
218-01-9	Chrysene	250	U
117-81-7	bis(2-Ethylhexyl)phthalate	280	U
117-84-0	Di-n-octylphthalate	290	U
205-99-2	Benzo[b]fluoranthene	250	U
207-08-9	Benzo[k]fluoranthene	180	U
50-32-8	Benzo[a]pyrene	190	U
193-39-5	Indeno[1,2,3-cd]pyrene	210	U
53-70-3	Dibenz[a,h]anthracene	240	U
191-24-2	Benzo[g,h,i]perylene	240	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-94

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3588 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3588.06

Sample wt/vol: 10.76 (g/ml) G Lab File ID: BN1866.D

Level: (low/med) LOW Date Received: 05/21/98

% Moisture: 8.45 decanted: (Y/N) N Date Extracted: 05/22/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/06/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000112-88-9	1-Octadecene	26.33	6400	JN
2.	unknown	28.38	3100	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-95

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3588 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3588.10

Sample wt/vol: 10.9 (g/ml) G Lab File ID: BN1867.D

Level: (low/med) LOW Date Received: 05/21/98

% Moisture: 11.29 decanted:(Y/N) N Date Extracted: 05/22/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/06/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	310	U
62-75-9	N-nitroso-dimethylamine	210	U
62-53-3	Aniline	230	U
108-95-2	Phenol	340	U
111-44-4	bis(2-Chloroethyl)ether	220	U
95-57-8	2-Chlorophenol	200	U
541-73-1	1,3-Dichlorobenzene	210	U
106-46-7	1,4-Dichlorobenzene	300	U
100-51-6	Benzyl alcohol	280	U
95-50-1	1,2-Dichlorobenzene	240	U
	2-Methylphenol	210	U
108-60-1	bis(2-chloroisopropyl)ether	260	U
	4-Methylphenol	280	U
621-64-7	n-Nitroso-di-n-propylamine	250	U
67-72-1	Hexachloroethane	220	U
98-95-3	Nitrobenzene	280	U
78-59-1	Isophorone	260	U
88-75-5	2-Nitrophenol	170	U
105-67-9	2,4-Dimethylphenol	300	U
111-91-1	bis(2-Chloroethoxy)methane	120	U
120-83-2	2,4-Dichlorophenol	160	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	270	U
91-20-3	Naphthalene	250	U
106-47-8	4-Chloroaniline	300	U
87-68-3	Hexachlorobutadiene	260	U
59-50-7	4-Chloro-3-methylphenol	200	U
91-57-6	2-Methylnaphthalene	280	U
77-47-4	Hexachlorocyclopentadiene	59	U
88-06-2	2,4,6-Trichlorophenol	190	U
	2,4,5-Trichlorophenol	220	U
91-58-7	2-Chloronaphthalene	180	U
88-74-4	2-Nitroaniline	170	U
131-11-3	Dimethylphthalate	160	U
208-96-8	Acenaphthylene	200	U
606-20-2	2,6-Dinitrotoluene	240	U
99-09-2	3-Nitroaniline	260	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-95

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3588 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3588.10

Sample wt/vol: 10.9 (g/ml) G Lab File ID: BN1867.D

Level: (low/med) LOW Date Received: 05/21/98

% Moisture: 11.29 decanted:(Y/N) N Date Extracted: 05/22/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/06/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
83-32-9	Acenaphthene	180	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	190	U
100-02-7	4-Nitrophenol	470	U
121-14-2	2,4-Dinitrotoluene	190	U
84-66-2	Diethylphthalate	210	U
86-73-7	Fluorene	200	U
7005-72-3	4-Chlorophenyl-phenylether	190	U
100-01-6	4-Nitroaniline	290	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	190	U
103-33-3	Azobenzene	200	U
101-55-3	4-Bromophenyl-phenylether	180	U
118-74-1	Hexachlorobenzene	270	U
87-86-5	Pentachlorophenol	310	U
85-01-8	Phenanthrene	200	U
120-12-7	Anthracene	200	U
84-74-2	Di-n-butylphthalate	860	U
206-44-0	Fluoranthene	200	U
92-87-5	Benzidine	940	U
129-00-0	Pyrene	230	U
85-68-7	Butylbenzylphthalate	260	U
56-55-3	Benzo[a]anthracene	200	U
91-94-1	3,3'-Dichlorobenzidine	360	U
218-01-9	Chrysene	260	U
117-81-7	bis(2-Ethylhexyl)phthalate	290	U
117-84-0	Di-n-octylphthalate	290	U
205-99-2	Benzo[b]fluoranthene	250	U
207-08-9	Benzo[k]fluoranthene	190	U
50-32-8	Benzo[a]pyrene	190	U
193-39-5	Indeno[1,2,3-cd]pyrene	210	U
53-70-3	Dibenz[a,h]anthracene	250	U
191-24-2	Benzo[g,h,i]perylene	250	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-95

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3588 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3588.10

Sample wt/vol: 10.9 (g/ml) G Lab File ID: BN1867.D

Level: (low/med) LOW Date Received: 05/21/98

% Moisture: 11.29 decanted: (Y/N) N Date Extracted: 05/22/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/06/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 25

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000057-10-3	Hexadecanoic acid	21.87	27000	JN
2. 000112-80-1	Oleic Acid	23.57	63000	JN
3. 000057-11-4	Octadecanoic acid	23.74	22000	JN
4. 001120-07-6	Nonanamide	23.91	2600	JN
5. 000086-20-4	9H-Carbazole, 9-ethyl-3-nitro-	24.46	7700	JN
6. 055683-21-1	2-Cyclopenten-1-one, 3,4,5-trime	25.20	4600	JN
7. 006363-87-7	1-Aminoanthraquinone-2-carboxa	25.33	1400	JN
8. 001740-19-8	1-Phenanthrenecarboxylic acid, 1	25.42	6200	JN
9. 000087-62-7	Benzenamine, 2,6-dimethyl-	25.65	2000	JN
10.	unknown	26.05	8700	J
11. 004090-62-4	9H-Xanthen-9-one, 1-hydroxy-3,5	26.72	6300	JN
12. 000699-22-9	1H-Pyrrole, 1-pentyl-	28.83	1500	JN
13. 000629-78-7	Heptadecane	29.24	1400	JN
14. 074630-16-3	Phosphonous dichloride, (1,7,7-tr	29.38	1900	JN
15. 006673-69-4	5.alpha.-Ergost-8(14)-ene	29.98	3700	JN
16. 000481-21-0	Cholestane	30.12	3100	JN
17. 019594-90-2	A-Norcholestan-3-one, 5-ethenyl-	30.33	2800	JN
18. 095884-24-5	1-Phenyl-3-benzoyl-4-hydroxy-5-	30.49	5100	JN
19. 019594-90-2	A-Norcholestan-3-one, 5-ethenyl-	30.78	22000	JN
20. 019594-90-2	A-Norcholestan-3-one, 5-ethenyl-	30.90	14000	JN
21. 003745-36-6	5.beta.-Podocarpa-8,11,13-trien-	31.08	3300	JN
22. 054494-06-3	3,9-Dioxa-2,10-disilaundecane, 2	31.33	3200	JN
23. 000079-70-9	.beta.-Methylionone	31.93	4900	JN
24. 055401-75-7	Anthracene, 9-dodecyltetradecah	32.35	1400	JN
25. 072101-33-8	1,1'-Biphenyl, ar-methoxy-ar'-(2,2	32.59	4000	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-96

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3588 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3588.14

Sample wt/vol: 10.66 (g/ml) G Lab File ID: BN1868.D

Level: (low/med) LOW Date Received: 05/21/98

% Moisture: 11.19 decanted:(Y/N) N Date Extracted: 05/22/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/06/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	320	U
62-75-9	N-nitroso-dimethylamine	210	U
62-53-3	Aniline	230	U
108-95-2	Phenol	350	U
111-44-4	bis(2-Chloroethyl)ether	220	U
95-57-8	2-Chlorophenol	200	U
541-73-1	1,3-Dichlorobenzene	220	U
106-46-7	1,4-Dichlorobenzene	310	U
100-51-6	Benzyl alcohol	280	U
95-50-1	1,2-Dichlorobenzene	250	U
	2-Methylphenol	220	U
108-60-1	bis(2-chloroisopropyl)ether	270	U
	4-Methylphenol	280	U
621-64-7	n-Nitroso-di-n-propylamine	260	U
67-72-1	Hexachloroethane	220	U
98-95-3	Nitrobenzene	280	U
78-59-1	Isophorone	270	U
88-75-5	2-Nitrophenol	180	U
105-67-9	2,4-Dimethylphenol	310	U
111-91-1	bis(2-Chloroethoxy)methane	130	U
120-83-2	2,4-Dichlorophenol	170	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	280	U
91-20-3	Naphthalene	260	U
106-47-8	4-Chloroaniline	310	U
87-68-3	Hexachlorobutadiene	260	U
59-50-7	4-Chloro-3-methylphenol	210	U
91-57-6	2-Methylnaphthalene	290	U
77-47-4	Hexachlorocyclopentadiene	60	U
88-06-2	2,4,6-Trichlorophenol	200	U
	2,4,5-Trichlorophenol	220	U
91-58-7	2-Chloronaphthalene	190	U
88-74-4	2-Nitroaniline	180	U
131-11-3	Dimethylphthalate	160	U
208-96-8	Acenaphthylene	200	U
606-20-2	2,6-Dinitrotoluene	240	U
99-09-2	3-Nitroaniline	270	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-96

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3588 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3588.14

Sample wt/vol: 10.66 (g/ml) G Lab File ID: BN1868.D

Level: (low/med) LOW Date Received: 05/21/98

% Moisture: 11.19 decanted:(Y/N) N Date Extracted: 05/22/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/06/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	180	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	200	U
100-02-7	4-Nitrophenol	480	U
121-14-2	2,4-Dinitrotoluene	200	U
84-66-2	Diethylphthalate	210	U
86-73-7	Fluorene	200	U
7005-72-3	4-Chlorophenyl-phenylether	200	U
100-01-6	4-Nitroaniline	300	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	190	U
103-33-3	Azobenzene	200	U
101-55-3	4-Bromophenyl-phenylether	180	U
118-74-1	Hexachlorobenzene	280	U
87-86-5	Pentachlorophenol	310	U
85-01-8	Phenanthrene	200	U
120-12-7	Anthracene	200	U
84-74-2	Di-n-butylphthalate	430	JB
206-44-0	Fluoranthene	200	U
92-87-5	Benzidine	960	U
129-00-0	Pyrene	240	U
85-68-7	Butylbenzylphthalate	270	U
56-55-3	Benzo[a]anthracene	210	U
91-94-1	3,3'-Dichlorobenzidine	360	U
218-01-9	Chrysene	270	U
117-81-7	bis(2-Ethylhexyl)phthalate	290	U
117-84-0	Di-n-octylphthalate	300	U
205-99-2	Benzo[b]fluoranthene	260	U
207-08-9	Benzo[k]fluoranthene	190	U
50-32-8	Benzo[a]pyrene	200	U
193-39-5	Indeno[1,2,3-cd]pyrene	220	U
53-70-3	Dibenz[a,h]anthracene	250	U
191-24-2	Benzo[g,h,i]perylene	250	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-96

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3588 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3588.14

Sample wt/vol: 10.66 (g/ml) G Lab File ID: BN1868.D

Level: (low/med) LOW Date Received: 05/21/98

% Moisture: 11.19 decanted: (Y/N) N Date Extracted: 05/22/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/06/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 001599-67-3	1-Docosene	26.34	7700	JN
2.	unknown	31.90	1000	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-97

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3588 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3588.18

Sample wt/vol: 10.69 (g/ml) G Lab File ID: BN1869.D

Level: (low/med) LOW Date Received: 05/21/98

% Moisture: 1.85 decanted:(Y/N) N Date Extracted: 05/22/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/06/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	280	U
62-75-9	N-nitroso-dimethylamine	190	U
62-53-3	Aniline	210	U
108-95-2	Phenol	320	U
111-44-4	bis(2-Chloroethyl)ether	200	U
95-57-8	2-Chlorophenol	180	U
541-73-1	1,3-Dichlorobenzene	200	U
106-46-7	1,4-Dichlorobenzene	280	U
100-51-6	Benzyl alcohol	250	U
95-50-1	1,2-Dichlorobenzene	220	U
	2-Methylphenol	200	U
108-60-1	bis(2-chloroisopropyl)ether	240	U
	4-Methylphenol	250	U
621-64-7	n-Nitroso-di-n-propylamine	230	U
67-72-1	Hexachloroethane	200	U
98-95-3	Nitrobenzene	260	U
78-59-1	Isophorone	240	U
88-75-5	2-Nitrophenol	160	U
105-67-9	2,4-Dimethylphenol	280	U
111-91-1	bis(2-Chloroethoxy)methane	110	U
120-83-2	2,4-Dichlorophenol	150	U
65-85-0	Benzoic Acid	950	U
120-82-1	1,2,4-Trichlorobenzene	250	U
91-20-3	Naphthalene	230	U
106-47-8	4-Chloroaniline	280	U
87-68-3	Hexachlorobutadiene	240	U
59-50-7	4-Chloro-3-methylphenol	190	U
91-57-6	2-Methylnaphthalene	260	U
77-47-4	Hexachlorocyclopentadiene	54	U
88-06-2	2,4,6-Trichlorophenol	180	U
	2,4,5-Trichlorophenol	200	U
91-58-7	2-Chloronaphthalene	170	U
88-74-4	2-Nitroaniline	160	U
131-11-3	Dimethylphthalate	140	U
208-96-8	Acenaphthylene	180	U
606-20-2	2,6-Dinitrotoluene	220	U
99-09-2	3-Nitroaniline	240	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-97

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3588 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3588.18

Sample wt/vol: 10.69 (g/ml) G Lab File ID: BN1869.D

Level: (low/med) LOW Date Received: 05/21/98

% Moisture: 1.85 decanted:(Y/N) N Date Extracted: 05/22/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/06/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	170	U
51-28-5	2,4-Dinitrophenol	950	U
132-64-9	Dibenzofuran	180	U
100-02-7	4-Nitrophenol	440	U
121-14-2	2,4-Dinitrotoluene	180	U
84-66-2	Diethylphthalate	190	U
86-73-7	Fluorene	180	U
7005-72-3	4-Chlorophenyl-phenylether	180	U
100-01-6	4-Nitroaniline	270	U
534-52-1	4,6-Dinitro-2-methylphenol	950	U
86-30-6	n-Nitrosodiphenylamine	170	U
103-33-3	Azobenzene	180	U
101-55-3	4-Bromophenyl-phenylether	160	U
118-74-1	Hexachlorobenzene	250	U
87-86-5	Pentachlorophenol	280	U
85-01-8	Phenanthrene	180	U
120-12-7	Anthracene	180	U
84-74-2	Di-n-butylphthalate	730	JB
206-44-0	Fluoranthene	240	
92-87-5	Benzidine	860	U
129-00-0	Pyrene	160	J
85-68-7	Butylbenzylphthalate	240	U
56-55-3	Benzo[a]anthracene	120	J
91-94-1	3,3'-Dichlorobenzidine	330	U
218-01-9	Chrysene	170	J
117-81-7	bis(2-Ethylhexyl)phthalate	100	J
117-84-0	Di-n-octylphthalate	270	U
205-99-2	Benzo[b]fluoranthene	110	J
207-08-9	Benzo[k]fluoranthene	170	U
50-32-8	Benzo[a]pyrene	110	J
193-39-5	Indeno[1,2,3-cd]pyrene	190	U
53-70-3	Dibenz[a,h]anthracene	230	U
191-24-2	Benzo[g,h,i]perylene	230	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-97

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3588 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3588.18

Sample wt/vol: 10.69 (g/ml) G Lab File ID: BN1869.D

Level: (low/med) LOW Date Received: 05/21/98

% Moisture: 1.85 decanted: (Y/N) N Date Extracted: 05/22/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/06/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 5 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	20.90	1500	JN
2. 001599-67-3	1-Docosene	26.34	6000	JN
3. 007320-37-8	Oxirane, tetradecyl-	28.85	1200	JN
4. 000544-85-4	Dotriacontane	29.23	930	JN
5. 019047-85-9	Phosphonic acid, dioctadecyl est	29.28	990	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-98

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3588 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3588.22

Sample wt/vol: 10.26 (g/ml) G Lab File ID: BN1870.D

Level: (low/med) LOW Date Received: 05/21/98

% Moisture: 17.73 decanted:(Y/N) N Date Extracted: 05/22/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/06/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	350	U
62-75-9	N-nitroso-dimethylamine	240	U
62-53-3	Aniline	260	U
108-95-2	Phenol	390	U
111-44-4	bis(2-Chloroethyl)ether	250	U
95-57-8	2-Chlorophenol	230	U
541-73-1	1,3-Dichlorobenzene	250	U
106-46-7	1,4-Dichlorobenzene	350	U
100-51-6	Benzyl alcohol	320	U
95-50-1	1,2-Dichlorobenzene	280	U
	2-Methylphenol	240	U
108-60-1	bis(2-chloroisopropyl)ether	300	U
	4-Methylphenol	320	U
621-64-7	n-Nitroso-di-n-propylamine	290	U
67-72-1	Hexachloroethane	250	U
98-95-3	Nitrobenzene	320	U
78-59-1	Isophorone	300	U
88-75-5	2-Nitrophenol	200	U
105-67-9	2,4-Dimethylphenol	350	U
111-91-1	bis(2-Chloroethoxy)methane	140	U
120-83-2	2,4-Dichlorophenol	190	U
65-85-0	Benzoic Acid	1200	U
120-82-1	1,2,4-Trichlorobenzene	310	U
91-20-3	Naphthalene	290	U
106-47-8	4-Chloroaniline	350	U
87-68-3	Hexachlorobutadiene	290	U
59-50-7	4-Chloro-3-methylphenol	230	U
91-57-6	2-Methylnaphthalene	320	U
77-47-4	Hexachlorocyclopentadiene	68	U
88-06-2	2,4,6-Trichlorophenol	220	U
	2,4,5-Trichlorophenol	250	U
91-58-7	2-Chloronaphthalene	210	U
88-74-4	2-Nitroaniline	200	U
131-11-3	Dimethylphthalate	180	U
208-96-8	Acenaphthylene	230	U
606-20-2	2,6-Dinitrotoluene	270	U
99-09-2	3-Nitroaniline	300	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-98

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3588 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3588.22

Sample wt/vol: 10.26 (g/ml) G Lab File ID: BN1870.D

Level: (low/med) LOW Date Received: 05/21/98

% Moisture: 17.73 decanted:(Y/N) N Date Extracted: 05/22/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/06/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	210	U
51-28-5	2,4-Dinitrophenol	1200	U
132-64-9	Dibenzofuran	220	U
100-02-7	4-Nitrophenol	540	U
121-14-2	2,4-Dinitrotoluene	220	U
84-66-2	Diethylphthalate	240	U
86-73-7	Fluorene	230	U
7005-72-3	4-Chlorophenyl-phenylether	220	U
100-01-6	4-Nitroaniline	330	U
534-52-1	4,6-Dinitro-2-methylphenol	1200	U
86-30-6	n-Nitrosodiphenylamine	220	U
103-33-3	Azobenzene	230	U
101-55-3	4-Bromophenyl-phenylether	200	U
118-74-1	Hexachlorobenzene	310	U
87-86-5	Pentachlorophenol	350	U
85-01-8	Phenanthrene	160	J
120-12-7	Anthracene	230	U
84-74-2	Di-n-butylphthalate	500	JB
206-44-0	Fluoranthene	210	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	200	J
85-68-7	Butylbenzylphthalate	300	U
56-55-3	Benzo[a]anthracene	140	J
91-94-1	3,3'-Dichlorobenzidine	410	U
218-01-9	Chrysene	290	J
117-81-7	bis(2-Ethylhexyl)phthalate	330	U
117-84-0	Di-n-octylphthalate	330	U
205-99-2	Benzo[b]fluoranthene	160	J
207-08-9	Benzo[k]fluoranthene	220	U
50-32-8	Benzo[a]pyrene	220	U
193-39-5	Indeno[1,2,3-cd]pyrene	240	U
53-70-3	Dibenz[a,h]anthracene	280	U
191-24-2	Benzo[g,h,i]perylene	280	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-98

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3588 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3588.22

Sample wt/vol: 10.26 (g/ml) G Lab File ID: BN1870.D

Level: (low/med) LOW Date Received: 05/21/98

% Moisture: 17.73 decanted: (Y/N) N Date Extracted: 05/22/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/06/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 001599-67-3	1-Docosene	26.33	8500	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-99

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No: 3593 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3593.02

Sample wt/vol: 10.57 (g/ml) G Lab File ID: BN1836.D

Level: (low/med) LOW Date Received: 05/26/98

% Moisture: 10.16 decanted:(Y/N) N Date Extracted: 05/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/03/98

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	3100	U
62-75-9	N-nitroso-dimethylamine	2100	U
62-53-3	Aniline	2300	U
108-95-2	Phenol	3500	U
111-44-4	bis(2-Chloroethyl)ether	2200	U
95-57-8	2-Chlorophenol	2000	U
541-73-1	1,3-Dichlorobenzene	2200	U
106-46-7	1,4-Dichlorobenzene	3100	U
100-51-6	Benzyl alcohol	2800	U
95-50-1	1,2-Dichlorobenzene	2500	U
	2-Methylphenol	2200	U
108-60-1	bis(2-chloroisopropyl)ether	2600	U
	4-Methylphenol	2800	U
621-64-7	n-Nitroso-di-n-propylamine	2600	U
67-72-1	Hexachloroethane	2200	U
98-95-3	Nitrobenzene	2800	U
78-59-1	Isophorone	2700	U
88-75-5	2-Nitrophenol	1800	U
105-67-9	2,4-Dimethylphenol	3100	U
111-91-1	bis(2-Chloroethoxy)methane	1300	U
120-83-2	2,4-Dichlorophenol	1700	U
65-85-0	Benzoic Acid	11000	U
120-82-1	1,2,4-Trichlorobenzene	2800	U
91-20-3	Naphthalene	2600	U
106-47-8	4-Chloroaniline	3100	U
87-68-3	Hexachlorobutadiene	2600	U
59-50-7	4-Chloro-3-methylphenol	2100	U
91-57-6	2-Methylnaphthalene	2900	U
77-47-4	Hexachlorocyclopentadiene	600	U
88-06-2	2,4,6-Trichlorophenol	2000	U
	2,4,5-Trichlorophenol	2200	U
91-58-7	2-Chloronaphthalene	1900	U
88-74-4	2-Nitroaniline	1700	U
131-11-3	Dimethylphthalate	1600	U
208-96-8	Acenaphthylene	2000	U
606-20-2	2,6-Dinitrotoluene	2400	U
99-09-2	3-Nitroaniline	2600	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-99

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No: 3593 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3593.02

Sample wt/vol: 10.57 (g/ml) G Lab File ID: BN1836.D

Level: (low/med) LOW Date Received: 05/26/98

% Moisture: 10.16 decanted:(Y/N) N Date Extracted: 05/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/03/98

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1800	U
51-28-5	2,4-Dinitrophenol	11000	U
132-64-9	Dibenzofuran	2000	U
100-02-7	4-Nitrophenol	4800	U
121-14-2	2,4-Dinitrotoluene	2000	U
84-66-2	Diethylphthalate	2100	U
86-73-7	Fluorene	2000	U
7005-72-3	4-Chlorophenyl-phenylether	2000	U
100-01-6	4-Nitroaniline	3000	U
534-52-1	4,6-Dinitro-2-methylphenol	11000	U
86-30-6	n-Nitrosodiphenylamine	1900	U
103-33-3	Azobenzene	2000	U
101-55-3	4-Bromophenyl-phenylether	1800	U
118-74-1	Hexachlorobenzene	2800	U
87-86-5	Pentachlorophenol	3100	U
85-01-8	Phenanthrene	2000	U
120-12-7	Anthracene	2000	U
84-74-2	Di-n-butylphthalate	8800	U
206-44-0	Fluoranthene	2000	U
92-87-5	Benzidine	9500	U
129-00-0	Pyrene	2400	U
85-68-7	Butylbenzylphthalate	2600	U
56-55-3	Benzo[a]anthracene	2100	U
91-94-1	3,3'-Dichlorobenzidine	3600	U
218-01-9	Chrysene	2600	U
117-81-7	bis(2-Ethylhexyl)phthalate	2900	U
117-84-0	Di-n-octylphthalate	3000	U
205-99-2	Benzo[b]fluoranthene	2600	U
207-08-9	Benzo[k]fluoranthene	1900	U
50-32-8	Benzo[a]pyrene	2000	U
193-39-5	Indeno[1,2,3-cd]pyrene	2100	U
53-70-3	Dibenz[a,h]anthracene	2500	U
191-24-2	Benzo[g,h,i]perylene	2500	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-99

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No: 3593 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3593.02

Sample wt/vol: 10.57 (g/ml) G Lab File ID: BN1836.D

Level: (low/med) LOW Date Received: 05/26/98

% Moisture: 10.16 decanted: (Y/N) N Date Extracted: 05/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/03/98

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 8 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 001740-19-8	1-Phenanthrenecarboxylic acid, 1	25.42	9600	JND
2. 000630-03-5	Nonacosane	25.58	9300	JND
3.	unknown	25.95	12000	JD
4. 001740-19-8	1-Phenanthrenecarboxylic acid, 1	26.26	25000	JND
5. 007098-22-8	Tetratetracontane	26.37	21000	JND
6. 007225-64-1	Heptadecane, 9-octyl-	27.13	10000	JND
7. 000544-85-4	Dotriacontane	27.86	9400	JND
8. 000630-03-5	Nonacosane	28.56	9000	JND

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-158

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3665 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3665.12

Sample wt/vol: 10.87 (g/ml) G Lab File ID: BNA00242.D

Level: (low/med) LOW Date Received: 06/18/98

% Moisture: 6.12 decanted:(Y/N) N Date Extracted: 06/18/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	290	U
62-75-9	N-nitroso-dimethylamine	200	U
62-53-3	Aniline	210	U
108-95-2	Phenol	330	U
111-44-4	bis(2-Chloroethyl)ether	210	U
95-57-8	2-Chlorophenol	190	U
541-73-1	1,3-Dichlorobenzene	200	U
106-46-7	1,4-Dichlorobenzene	290	U
100-51-6	Benzyl alcohol	260	U
95-50-1	1,2-Dichlorobenzene	230	U
	2-Methylphenol	200	U
108-60-1	bis(2-chloroisopropyl)ether	250	U
	4-Methylphenol	260	U
621-64-7	n-Nitroso-di-n-propylamine	240	U
67-72-1	Hexachloroethane	210	U
98-95-3	Nitrobenzene	260	U
78-59-1	Isophorone	250	U
88-75-5	2-Nitrophenol	160	U
105-67-9	2,4-Dimethylphenol	290	U
111-91-1	bis(2-Chloroethoxy)methane	120	U
120-83-2	2,4-Dichlorophenol	150	U
65-85-0	Benzoic Acid	490	U
120-82-1	1,2,4-Trichlorobenzene	260	U
91-20-3	Naphthalene	240	U
106-47-8	4-Chloroaniline	290	U
87-68-3	Hexachlorobutadiene	240	U
59-50-7	4-Chloro-3-methylphenol	190	U
91-57-6	2-Methylnaphthalene	270	U
77-47-4	Hexachlorocyclopentadiene	56	U
88-06-2	2,4,6-Trichlorophenol	180	U
	2,4,5-Trichlorophenol	210	U
91-58-7	2-Chloronaphthalene	170	U
88-74-4	2-Nitroaniline	160	U
131-11-3	Dimethylphthalate	150	U
208-96-8	Acenaphthylene	190	U
606-20-2	2,6-Dinitrotoluene	220	U
99-09-2	3-Nitroaniline	250	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-158

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3665 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3665.12

Sample wt/vol: 10.87 (g/ml) G Lab File ID: BNA00242.D

Level: (low/med) LOW Date Received: 06/18/98

% Moisture: 6.12 decanted:(Y/N) N Date Extracted: 06/18/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	170	U
51-28-5	2,4-Dinitrophenol	490	U
132-64-9	Dibenzofuran	180	U
100-02-7	4-Nitrophenol	450	U
121-14-2	2,4-Dinitrotoluene	180	U
84-66-2	Diethylphthalate	200	U
86-73-7	Fluorene	190	U
7005-72-3	4-Chlorophenyl-phenylether	180	U
100-01-6	4-Nitroaniline	280	U
534-52-1	4,6-Dinitro-2-methylphenol	490	U
86-30-6	n-Nitrosodiphenylamine	180	U
103-33-3	Azobenzene	190	U
101-55-3	4-Bromophenyl-phenylether	170	U
118-74-1	Hexachlorobenzene	260	U
87-86-5	Pentachlorophenol	290	U
85-01-8	Phenanthrene	190	U
120-12-7	Anthracene	190	U
84-74-2	Di-n-butylphthalate	230	JB
206-44-0	Fluoranthene	190	U
92-87-5	Benzidine	890	U
129-00-0	Pyrene	220	U
85-68-7	Butylbenzylphthalate	250	U
56-55-3	Benzo[a]anthracene	190	U
91-94-1	3,3'-Dichlorobenzidine	340	U
218-01-9	Chrysene	250	U
117-81-7	bis(2-Ethylhexyl)phthalate	270	U
117-84-0	Di-n-octylphthalate	280	U
205-99-2	Benzo[b]fluoranthene	240	U
207-08-9	Benzo[k]fluoranthene	180	U
50-32-8	Benzo[a]pyrene	180	U
193-39-5	Indeno[1,2,3-cd]pyrene	200	U
53-70-3	Dibenz[a,h]anthracene	230	U
191-24-2	Benzo[g,h,i]perylene	230	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-158

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3665 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3665.12

Sample wt/vol: 10.87 (g/ml) G Lab File ID: BNA00242.D

Level: (low/med) LOW Date Received: 06/18/98

% Moisture: 6.12 decanted: (Y/N) N Date Extracted: 06/18/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	5.80	1700	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-159

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3665 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3665.16

Sample wt/vol: 10.1 (g/ml) G Lab File ID: BNA00243.D

Level: (low/med) LOW Date Received: 06/18/98

% Moisture: 11.63 decanted:(Y/N) N Date Extracted: 06/18/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	340	U
62-75-9	N-nitroso-dimethylamine	220	U
62-53-3	Aniline	240	U
108-95-2	Phenol	370	U
111-44-4	bis(2-Chloroethyl)ether	240	U
95-57-8	2-Chlorophenol	210	U
541-73-1	1,3-Dichlorobenzene	230	U
106-46-7	1,4-Dichlorobenzene	330	U
100-51-6	Benzyl alcohol	300	U
95-50-1	1,2-Dichlorobenzene	260	U
	2-Methylphenol	230	U
108-60-1	bis(2-chloroisopropyl)ether	280	U
	4-Methylphenol	300	U
621-64-7	n-Nitroso-di-n-propylamine	270	U
67-72-1	Hexachloroethane	240	U
98-95-3	Nitrobenzene	300	U
78-59-1	Isophorone	290	U
88-75-5	2-Nitrophenol	190	U
105-67-9	2,4-Dimethylphenol	330	U
111-91-1	bis(2-Chloroethoxy)methane	130	U
120-83-2	2,4-Dichlorophenol	180	U
65-85-0	Benzoic Acid	560	U
120-82-1	1,2,4-Trichlorobenzene	290	U
91-20-3	Naphthalene	270	U
106-47-8	4-Chloroaniline	330	U
87-68-3	Hexachlorobutadiene	280	U
59-50-7	4-Chloro-3-methylphenol	220	U
91-57-6	2-Methylnaphthalene	310	U
77-47-4	Hexachlorocyclopentadiene	64	U
88-06-2	2,4,6-Trichlorophenol	210	U
	2,4,5-Trichlorophenol	240	U
91-58-7	2-Chloronaphthalene	200	U
88-74-4	2-Nitroaniline	190	U
131-11-3	Dimethylphthalate	170	U
208-96-8	Acenaphthylene	220	U
606-20-2	2,6-Dinitrotoluene	260	U
99-09-2	3-Nitroaniline	280	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-159

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3665 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3665.16

Sample wt/vol: 10.1 (g/ml) G Lab File ID: BNA00243.D

Level: (low/med) LOW Date Received: 06/18/98

% Moisture: 11.63 decanted:(Y/N) N Date Extracted: 06/18/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	200	U
51-28-5	2,4-Dinitrophenol	560	U
132-64-9	Dibenzofuran	210	U
100-02-7	4-Nitrophenol	510	U
121-14-2	2,4-Dinitrotoluene	210	U
84-66-2	Diethylphthalate	230	U
86-73-7	Fluorene	210	U
7005-72-3	4-Chlorophenyl-phenylether	210	U
100-01-6	4-Nitroaniline	320	U
534-52-1	4,6-Dinitro-2-methylphenol	560	U
86-30-6	n-Nitrosodiphenylamine	210	U
103-33-3	Azobenzene	210	U
101-55-3	4-Bromophenyl-phenylether	190	U
118-74-1	Hexachlorobenzene	300	U
87-86-5	Pentachlorophenol	330	U
85-01-8	Phenanthrene	220	U
120-12-7	Anthracene	220	U
84-74-2	Di-n-butylphthalate	210	JB
206-44-0	Fluoranthene	220	U
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	250	U
85-68-7	Butylbenzylphthalate	280	U
56-55-3	Benzo[a]anthracene	220	U
91-94-1	3,3'-Dichlorobenzidine	390	U
218-01-9	Chrysene	280	U
117-81-7	bis(2-Ethylhexyl)phthalate	310	U
117-84-0	Di-n-octylphthalate	320	U
205-99-2	Benzo[b]fluoranthene	270	U
207-08-9	Benzo[k]fluoranthene	200	U
50-32-8	Benzo[a]pyrene	210	U
193-39-5	Indeno[1,2,3-cd]pyrene	230	U
53-70-3	Dibenz[a,h]anthracene	270	U
191-24-2	Benzo[g,h,i]perylene	270	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-159

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3665 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3665.16

Sample wt/vol: 10.1 (g/ml) G Lab File ID: BNA00243.D

Level: (low/med) LOW Date Received: 06/18/98

% Moisture: 11.63 decanted: (Y/N) N Date Extracted: 06/18/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	5.83	1600	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-160

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3665 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3665.19

Sample wt/vol: 10.73 (g/ml) G Lab File ID: BNA00244.D

Level: (low/med) LOW Date Received: 06/18/98

% Moisture: 11.12 decanted:(Y/N) N Date Extracted: 06/18/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	310	U
62-75-9	N-nitroso-dimethylamine	210	U
62-53-3	Aniline	230	U
108-95-2	Phenol	350	U
111-44-4	bis(2-Chloroethyl)ether	220	U
95-57-8	2-Chlorophenol	200	U
541-73-1	1,3-Dichlorobenzene	220	U
106-46-7	1,4-Dichlorobenzene	310	U
100-51-6	Benzyl alcohol	280	U
95-50-1	1,2-Dichlorobenzene	250	U
	2-Methylphenol	210	U
108-60-1	bis(2-chloroisopropyl)ether	260	U
	4-Methylphenol	280	U
621-64-7	n-Nitroso-di-n-propylamine	260	U
67-72-1	Hexachloroethane	220	U
98-95-3	Nitrobenzene	280	U
78-59-1	Isophorone	270	U
88-75-5	2-Nitrophenol	180	U
105-67-9	2,4-Dimethylphenol	310	U
111-91-1	bis(2-Chloroethoxy)methane	120	U
120-83-2	2,4-Dichlorophenol	170	U
65-85-0	Benzoic Acid	520	U
120-82-1	1,2,4-Trichlorobenzene	270	U
91-20-3	Naphthalene	260	U
106-47-8	4-Chloroaniline	310	U
87-68-3	Hexachlorobutadiene	260	U
59-50-7	4-Chloro-3-methylphenol	200	U
91-57-6	2-Methylnaphthalene	290	U
77-47-4	Hexachlorocyclopentadiene	60	U
88-06-2	2,4,6-Trichlorophenol	200	U
	2,4,5-Trichlorophenol	220	U
91-58-7	2-Chloronaphthalene	190	U
88-74-4	2-Nitroaniline	170	U
131-11-3	Dimethylphthalate	160	U
208-96-8	Acenaphthylene	200	U
606-20-2	2,6-Dinitrotoluene	240	U
99-09-2	3-Nitroaniline	260	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-160

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3665 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3665.19

Sample wt/vol: 10.73 (g/ml) G Lab File ID: BNA00244.D

Level: (low/med) LOW Date Received: 06/18/98

% Moisture: 11.12 decanted:(Y/N) N Date Extracted: 06/18/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	180	U
51-28-5	2,4-Dinitrophenol	520	U
132-64-9	Dibenzofuran	200	U
100-02-7	4-Nitrophenol	480	U
121-14-2	2,4-Dinitrotoluene	200	U
84-66-2	Diethylphthalate	210	U
86-73-7	Fluorene	200	U
7005-72-3	4-Chlorophenyl-phenylether	200	U
100-01-6	4-Nitroaniline	300	U
534-52-1	4,6-Dinitro-2-methylphenol	520	U
86-30-6	n-Nitrosodiphenylamine	190	U
103-33-3	Azobenzene	200	U
101-55-3	4-Bromophenyl-phenylether	180	U
118-74-1	Hexachlorobenzene	280	U
87-86-5	Pentachlorophenol	310	U
85-01-8	Phenanthrene	200	U
120-12-7	Anthracene	200	U
84-74-2	Di-n-butylphthalate	900	B
206-44-0	Fluoranthene	300	
92-87-5	Benzidine	950	U
129-00-0	Pyrene	400	
85-68-7	Butylbenzylphthalate	260	U
56-55-3	Benzo[a]anthracene	150	J
91-94-1	3,3'-Dichlorobenzidine	360	U
218-01-9	Chrysene	340	
117-81-7	bis(2-Ethylhexyl)phthalate	290	U
117-84-0	Di-n-octylphthalate	300	U
205-99-2	Benzo[b]fluoranthene	140	J
207-08-9	Benzo[k]fluoranthene	130	J
50-32-8	Benzo[a]pyrene	130	J
193-39-5	Indeno[1,2,3-cd]pyrene	210	U
53-70-3	Dibenz[a,h]anthracene	250	U
191-24-2	Benzo[g,h,i]perylene	250	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-160

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3665 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3665.19

Sample wt/vol: 10.73 (g/ml) G Lab File ID: BNA00244.D

Level: (low/med) LOW Date Received: 06/18/98

% Moisture: 11.12 decanted: (Y/N) N Date Extracted: 06/18/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 1

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	20.26	1200	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-161

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3665 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3665.22

Sample wt/vol: 10.37 (g/ml) G Lab File ID: BNA00245.D

Level: (low/med) LOW Date Received: 06/18/98

% Moisture: 7.14 decanted:(Y/N) N Date Extracted: 06/18/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	310	U
62-75-9	N-nitroso-dimethylamine	210	U
62-53-3	Aniline	230	U
108-95-2	Phenol	350	U
111-44-4	bis(2-Chloroethyl)ether	220	U
95-57-8	2-Chlorophenol	200	U
541-73-1	1,3-Dichlorobenzene	210	U
106-46-7	1,4-Dichlorobenzene	300	U
100-51-6	Benzyl alcohol	280	U
95-50-1	1,2-Dichlorobenzene	250	U
	2-Methylphenol	210	U
108-60-1	bis(2-chloroisopropyl)ether	260	U
	4-Methylphenol	280	U
621-64-7	n-Nitroso-di-n-propylamine	250	U
67-72-1	Hexachloroethane	220	U
98-95-3	Nitrobenzene	280	U
78-59-1	Isophorone	270	U
88-75-5	2-Nitrophenol	170	U
105-67-9	2,4-Dimethylphenol	300	U
111-91-1	bis(2-Chloroethoxy)methane	120	U
120-83-2	2,4-Dichlorophenol	160	U
65-85-0	Benzoic Acid	520	U
120-82-1	1,2,4-Trichlorobenzene	270	U
91-20-3	Naphthalene	250	U
106-47-8	4-Chloroaniline	300	U
87-68-3	Hexachlorobutadiene	260	U
59-50-7	4-Chloro-3-methylphenol	200	U
91-57-6	2-Methylnaphthalene	280	U
77-47-4	Hexachlorocyclopentadiene	59	U
88-06-2	2,4,6-Trichlorophenol	200	U
	2,4,5-Trichlorophenol	220	U
91-58-7	2-Chloronaphthalene	180	U
88-74-4	2-Nitroaniline	170	U
131-11-3	Dimethylphthalate	160	U
208-96-8	Acenaphthylene	200	U
606-20-2	2,6-Dinitrotoluene	240	U
99-09-2	3-Nitroaniline	260	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-161

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3665 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3665.22

Sample wt/vol: 10.37 (g/ml) G Lab File ID: BNA00245.D

Level: (low/med) LOW Date Received: 06/18/98

% Moisture: 7.14 decanted:(Y/N) N Date Extracted: 06/18/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	180	U
51-28-5	2,4-Dinitrophenol	520	U
132-64-9	Dibenzofuran	190	U
100-02-7	4-Nitrophenol	480	U
121-14-2	2,4-Dinitrotoluene	190	U
84-66-2	Diethylphthalate	210	U
86-73-7	Fluorene	200	U
7005-72-3	4-Chlorophenyl-phenylether	200	U
100-01-6	4-Nitroaniline	290	U
534-52-1	4,6-Dinitro-2-methylphenol	520	U
86-30-6	n-Nitrosodiphenylamine	190	U
103-33-3	Azobenzene	200	U
101-55-3	4-Bromophenyl-phenylether	180	U
118-74-1	Hexachlorobenzene	270	U
87-86-5	Pentachlorophenol	310	U
85-01-8	Phenanthrene	200	U
120-12-7	Anthracene	200	U
84-74-2	Di-n-butylphthalate	180	JB
206-44-0	Fluoranthene	200	U
92-87-5	Benzidine	940	U
129-00-0	Pyrene	230	U
85-68-7	Butylbenzylphthalate	260	U
56-55-3	Benzo[a]anthracene	200	U
91-94-1	3,3'-Dichlorobenzidine	360	U
218-01-9	Chrysene	260	U
117-81-7	bis(2-Ethylhexyl)phthalate	290	U
117-84-0	Di-n-octylphthalate	290	U
205-99-2	Benzo[b]fluoranthene	250	U
207-08-9	Benzo[k]fluoranthene	190	U
50-32-8	Benzo[a]pyrene	190	U
193-39-5	Indeno[1,2,3-cd]pyrene	210	U
53-70-3	Dibenz[a,h]anthracene	250	U
191-24-2	Benzo[g,h,i]perylene	250	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-161

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3665 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3665.22

Sample wt/vol: 10.37 (g/ml) G Lab File ID: BNA00245.D

Level: (low/med) LOW Date Received: 06/18/98

% Moisture: 7.14 decanted: (Y/N) N Date Extracted: 06/18/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 0

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-162

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3686 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3686.04

Sample wt/vol: 10.19 (g/ml) G Lab File ID: BNA00266.D

Level: (low/med) LOW Date Received: 06/26/98

% Moisture: 21.62 decanted:(Y/N) N Date Extracted: 06/29/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/29/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	370	U
62-75-9	N-nitroso-dimethylamine	250	U
62-53-3	Aniline	270	U
108-95-2	Phenol	420	U
111-44-4	bis(2-Chloroethyl)ether	260	U
95-57-8	2-Chlorophenol	240	U
541-73-1	1,3-Dichlorobenzene	260	U
106-46-7	1,4-Dichlorobenzene	370	U
100-51-6	Benzyl alcohol	330	U
95-50-1	1,2-Dichlorobenzene	300	U
	2-Methylphenol	260	U
108-60-1	bis(2-chloroisopropyl)ether	310	U
	4-Methylphenol	330	U
621-64-7	n-Nitroso-di-n-propylamine	310	U
67-72-1	Hexachloroethane	260	U
98-95-3	Nitrobenzene	340	U
78-59-1	Isophorone	320	U
88-75-5	2-Nitrophenol	210	U
105-67-9	2,4-Dimethylphenol	370	U
111-91-1	bis(2-Chloroethoxy)methane	150	U
120-83-2	2,4-Dichlorophenol	200	U
65-85-0	Benzoic Acid	630	U
120-82-1	1,2,4-Trichlorobenzene	330	U
91-20-3	Naphthalene	310	U
106-47-8	4-Chloroaniline	370	U
87-68-3	Hexachlorobutadiene	310	U
59-50-7	4-Chloro-3-methylphenol	240	U
91-57-6	2-Methylnaphthalene	340	U
77-47-4	Hexachlorocyclopentadiene	71	U
88-06-2	2,4,6-Trichlorophenol	240	U
	2,4,5-Trichlorophenol	260	U
91-58-7	2-Chloronaphthalene	220	U
88-74-4	2-Nitroaniline	210	U
131-11-3	Dimethylphthalate	190	U
208-96-8	Acenaphthylene	240	U
606-20-2	2,6-Dinitrotoluene	290	U
99-09-2	3-Nitroaniline	310	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-162

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3686 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3686.04

Sample wt/vol: 10.19 (g/ml) G Lab File ID: BNA00266.D

Level: (low/med) LOW Date Received: 06/26/98

% Moisture: 21.62 decanted:(Y/N) N Date Extracted: 06/29/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/29/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	220	U
51-28-5	2,4-Dinitrophenol	630	U
132-64-9	Dibenzofuran	230	U
100-02-7	4-Nitrophenol	570	U
121-14-2	2,4-Dinitrotoluene	230	U
84-66-2	Diethylphthalate	250	U
86-73-7	Fluorene	240	U
7005-72-3	4-Chlorophenyl-phenylether	240	U
100-01-6	4-Nitroaniline	350	U
534-52-1	4,6-Dinitro-2-methylphenol	630	U
86-30-6	n-Nitrosodiphenylamine	230	U
103-33-3	Azobenzene	240	U
101-55-3	4-Bromophenyl-phenylether	220	U
118-74-1	Hexachlorobenzene	330	U
87-86-5	Pentachlorophenol	370	U
85-01-8	Phenanthrene	240	U
120-12-7	Anthracene	240	U
84-74-2	Di-n-butylphthalate	460	JB
206-44-0	Fluoranthene	240	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	280	U
85-68-7	Butylbenzylphthalate	310	U
56-55-3	Benzo[a]anthracene	250	U
91-94-1	3,3'-Dichlorobenzidine	430	U
218-01-9	Chrysene	310	U
117-81-7	bis(2-Ethylhexyl)phthalate	350	U
117-84-0	Di-n-octylphthalate	350	U
205-99-2	Benzo[b]fluoranthene	310	U
207-08-9	Benzo[k]fluoranthene	230	U
50-32-8	Benzo[a]pyrene	230	U
193-39-5	Indeno[1,2,3-cd]pyrene	260	U
53-70-3	Dibenz[a,h]anthracene	300	U
191-24-2	Benzo[g,h,i]perylene	300	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-162

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3686 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3686.04

Sample wt/vol: 10.19 (g/ml) G Lab File ID: BNA00266.D

Level: (low/med) LOW Date Received: 06/26/98

% Moisture: 21.62 decanted: (Y/N) N Date Extracted: 06/29/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/29/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 0 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-163

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3686 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3686.07

Sample wt/vol: 10.52 (g/ml) G Lab File ID: BNA00267.D

Level: (low/med) LOW Date Received: 06/26/98

% Moisture: 14.2 decanted:(Y/N) N Date Extracted: 06/29/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/29/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	330	U
62-75-9	N-nitroso-dimethylamine	220	U
62-53-3	Aniline	240	U
108-95-2	Phenol	370	U
111-44-4	bis(2-Chloroethyl)ether	230	U
95-57-8	2-Chlorophenol	210	U
541-73-1	1,3-Dichlorobenzene	230	U
106-46-7	1,4-Dichlorobenzene	320	U
100-51-6	Benzyl alcohol	300	U
95-50-1	1,2-Dichlorobenzene	260	U
	2-Methylphenol	230	U
108-60-1	bis(2-chloroisopropyl)ether	280	U
	4-Methylphenol	300	U
621-64-7	n-Nitroso-di-n-propylamine	270	U
67-72-1	Hexachloroethane	230	U
98-95-3	Nitrobenzene	300	U
78-59-1	Isophorone	280	U
88-75-5	2-Nitrophenol	190	U
105-67-9	2,4-Dimethylphenol	320	U
111-91-1	bis(2-Chloroethoxy)methane	130	U
120-83-2	2,4-Dichlorophenol	180	U
65-85-0	Benzoic Acid	550	U
120-82-1	1,2,4-Trichlorobenzene	290	U
91-20-3	Naphthalene	270	U
106-47-8	4-Chloroaniline	320	U
87-68-3	Hexachlorobutadiene	280	U
59-50-7	4-Chloro-3-methylphenol	220	U
91-57-6	2-Methylnaphthalene	300	U
77-47-4	Hexachlorocyclopentadiene	63	U
88-06-2	2,4,6-Trichlorophenol	210	U
	2,4,5-Trichlorophenol	230	U
91-58-7	2-Chloronaphthalene	200	U
88-74-4	2-Nitroaniline	180	U
131-11-3	Dimethylphthalate	170	U
208-96-8	Acenaphthylene	210	U
606-20-2	2,6-Dinitrotoluene	250	U
99-09-2	3-Nitroaniline	280	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-163

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3686 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3686.07

Sample wt/vol: 10.52 (g/ml) G Lab File ID: BNA00267.D

Level: (low/med) LOW Date Received: 06/26/98

% Moisture: 14.2 decanted:(Y/N) N Date Extracted: 06/29/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/29/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	190	U
51-28-5	2,4-Dinitrophenol	550	U
132-64-9	Dibenzofuran	210	U
100-02-7	4-Nitrophenol	510	U
121-14-2	2,4-Dinitrotoluene	210	U
84-66-2	Diethylphthalate	220	U
86-73-7	Fluorene	210	U
7005-72-3	4-Chlorophenyl-phenylether	210	U
100-01-6	4-Nitroaniline	310	U
534-52-1	4,6-Dinitro-2-methylphenol	550	U
86-30-6	n-Nitrosodiphenylamine	200	U
103-33-3	Azobenzene	210	U
101-55-3	4-Bromophenyl-phenylether	190	U
118-74-1	Hexachlorobenzene	290	U
87-86-5	Pentachlorophenol	330	U
85-01-8	Phenanthrene	230	
120-12-7	Anthracene	210	U
84-74-2	Di-n-butylphthalate	1100	B
206-44-0	Fluoranthene	830	
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	1100	
85-68-7	Butylbenzylphthalate	280	U
56-55-3	Benzo[a]anthracene	590	
91-94-1	3,3'-Dichlorobenzidine	380	U
218-01-9	Chrysene	1100	
117-81-7	bis(2-Ethylhexyl)phthalate	13000	
117-84-0	Di-n-octylphthalate	310	U
205-99-2	Benzo[b]fluoranthene	610	
207-08-9	Benzo[k]fluoranthene	630	
50-32-8	Benzo[a]pyrene	530	
193-39-5	Indeno[1,2,3-cd]pyrene	290	
53-70-3	Dibenz[a,h]anthracene	260	U
191-24-2	Benzo[g,h,i]perylene	310	

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-163

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3686 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3686.07

Sample wt/vol: 10.52 (g/ml) G Lab File ID: BNA00267.D

Level: (low/med) LOW Date Received: 06/26/98

% Moisture: 14.2 decanted: (Y/N) N Date Extracted: 06/29/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/29/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 9 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000088-19-7	Benzenesulfonamide, 2-methyl-	17.70	920	JN
2. 000070-55-3	Benzenesulfonamide, 4-methyl-	18.17	1300	JN
3.	unknown	26.16	6100	J
4. 000629-78-7	Heptadecane	27.32	900	JN
5. 000629-78-7	Heptadecane	28.03	2000	JN
6. 000000-00-0	1-Hexacosanal	28.31	1300	JN
7. 000646-31-1	Tetracosane	29.40	1400	JN
8. 000638-66-4	Octadecanal	29.73	2000	JN
9. 000630-06-8	Hexatriacontane	30.16	2600	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-164

Lab Name: FMETL NJDEP: 13641

Project: 980211 Case No.: 3686 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3686.10

Sample wt/vol: 10.3 (g/ml) G Lab File ID: BNA00268.D

Level: (low/med) LOW Date Received: 06/26/98

% Moisture: 7.21 decanted:(Y/N) N Date Extracted: 06/29/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/29/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	310	U
62-75-9	N-nitroso-dimethylamine	210	U
62-53-3	Aniline	230	U
108-95-2	Phenol	350	U
111-44-4	bis(2-Chloroethyl)ether	220	U
95-57-8	2-Chlorophenol	200	U
541-73-1	1,3-Dichlorobenzene	220	U
106-46-7	1,4-Dichlorobenzene	310	U
100-51-6	Benzyl alcohol	280	U
95-50-1	1,2-Dichlorobenzene	250	U
	2-Methylphenol	210	U
108-60-1	bis(2-chloroisopropyl)ether	260	U
	4-Methylphenol	280	U
621-64-7	n-Nitroso-di-n-propylamine	260	U
67-72-1	Hexachloroethane	220	U
98-95-3	Nitrobenzene	280	U
78-59-1	Isophorone	270	U
88-75-5	2-Nitrophenol	180	U
105-67-9	2,4-Dimethylphenol	310	U
111-91-1	bis(2-Chloroethoxy)methane	120	U
120-83-2	2,4-Dichlorophenol	170	U
65-85-0	Benzoic Acid	520	U
120-82-1	1,2,4-Trichlorobenzene	270	U
91-20-3	Naphthalene	260	U
106-47-8	4-Chloroaniline	310	U
87-68-3	Hexachlorobutadiene	260	U
59-50-7	4-Chloro-3-methylphenol	200	U
91-57-6	2-Methylnaphthalene	290	U
77-47-4	Hexachlorocyclopentadiene	60	U
88-06-2	2,4,6-Trichlorophenol	200	U
	2,4,5-Trichlorophenol	220	U
91-58-7	2-Chloronaphthalene	190	U
88-74-4	2-Nitroaniline	170	U
131-11-3	Dimethylphthalate	160	U
208-96-8	Acenaphthylene	200	U
606-20-2	2,6-Dinitrotoluene	240	U
99-09-2	3-Nitroaniline	260	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-164

Lab Name: FMETL NJDEP: 13641

Project: 980211 Case No.: 3686 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3686.10

Sample wt/vol: 10.3 (g/ml) G Lab File ID: BNA00268.D

Level: (low/med) LOW Date Received: 06/26/98

% Moisture: 7.21 decanted:(Y/N) N Date Extracted: 06/29/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/29/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	180	U
51-28-5	2,4-Dinitrophenol	520	U
132-64-9	Dibenzofuran	190	U
100-02-7	4-Nitrophenol	480	U
121-14-2	2,4-Dinitrotoluene	190	U
84-66-2	Diethylphthalate	210	U
86-73-7	Fluorene	200	U
7005-72-3	4-Chlorophenyl-phenylether	200	U
100-01-6	4-Nitroaniline	300	U
534-52-1	4,6-Dinitro-2-methylphenol	520	U
86-30-6	n-Nitrosodiphenylamine	190	U
103-33-3	Azobenzene	200	U
101-55-3	4-Bromophenyl-phenylether	180	U
118-74-1	Hexachlorobenzene	280	U
87-86-5	Pentachlorophenol	310	U
85-01-8	Phenanthrene	200	U
120-12-7	Anthracene	200	U
84-74-2	Di-n-butylphthalate	380	JB
206-44-0	Fluoranthene	200	U
92-87-5	Benzidine	950	U
129-00-0	Pyrene	240	U
85-68-7	Butylbenzylphthalate	260	U
56-55-3	Benzo[a]anthracene	210	U
91-94-1	3,3'-Dichlorobenzidine	360	U
218-01-9	Chrysene	260	U
117-81-7	bis(2-Ethylhexyl)phthalate	290	U
117-84-0	Di-n-octylphthalate	300	U
205-99-2	Benzo[b]fluoranthene	260	U
207-08-9	Benzo[k]fluoranthene	190	U
50-32-8	Benzo[a]pyrene	200	U
193-39-5	Indeno[1,2,3-cd]pyrene	210	U
53-70-3	Dibenz[a,h]anthracene	250	U
191-24-2	Benzo[g,h,i]perylene	250	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-164

Lab Name: FMETL NJDEP: 13641

Project: 980211 Case No.: 3686 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3686.10

Sample wt/vol: 10.3 (g/ml) G Lab File ID: BNA00268.D

Level: (low/med) LOW Date Received: 06/26/98

% Moisture: 7.21 decanted: (Y/N) N Date Extracted: 06/29/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/29/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 1

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000112-95-8	Eicosane	28.72	940	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-165

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3688 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3688.02

Sample wt/vol: 9.95 (g/ml) G Lab File ID: BNA00282.D

Level: (low/med) LOW Date Received: 06/29/98

% Moisture: 8.78 decanted:(Y/N) N Date Extracted: 06/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/06/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	330	U
62-75-9	N-nitroso-dimethylamine	220	U
62-53-3	Aniline	240	U
108-95-2	Phenol	370	U
111-44-4	bis(2-Chloroethyl)ether	230	U
95-57-8	2-Chlorophenol	210	U
541-73-1	1,3-Dichlorobenzene	230	U
106-46-7	1,4-Dichlorobenzene	320	U
100-51-6	Benzyl alcohol	290	U
95-50-1	1,2-Dichlorobenzene	260	U
	2-Methylphenol	230	U
108-60-1	bis(2-chloroisopropyl)ether	280	U
	4-Methylphenol	290	U
621-64-7	n-Nitroso-di-n-propylamine	270	U
67-72-1	Hexachloroethane	230	U
98-95-3	Nitrobenzene	300	U
78-59-1	Isophorone	280	U
88-75-5	2-Nitrophenol	190	U
105-67-9	2,4-Dimethylphenol	320	U
111-91-1	bis(2-Chloroethoxy)methane	130	U
120-83-2	2,4-Dichlorophenol	170	U
65-85-0	Benzoic Acid	550	U
120-82-1	1,2,4-Trichlorobenzene	290	U
91-20-3	Naphthalene	270	U
106-47-8	4-Chloroaniline	320	U
87-68-3	Hexachlorobutadiene	270	U
59-50-7	4-Chloro-3-methylphenol	210	U
91-57-6	2-Methylnaphthalene	300	U
77-47-4	Hexachlorocyclopentadiene	63	U
88-06-2	2,4,6-Trichlorophenol	210	U
	2,4,5-Trichlorophenol	230	U
91-58-7	2-Chloronaphthalene	200	U
88-74-4	2-Nitroaniline	180	U
131-11-3	Dimethylphthalate	170	U
208-96-8	Acenaphthylene	210	U
606-20-2	2,6-Dinitrotoluene	250	U
99-09-2	3-Nitroaniline	280	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-165

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3688 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3688.02

Sample wt/vol: 9.95 (g/ml) G Lab File ID: BNA00282.D

Level: (low/med) LOW Date Received: 06/29/98

% Moisture: 8.78 decanted:(Y/N) N Date Extracted: 06/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/06/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	190	U
51-28-5	2,4-Dinitrophenol	550	U
132-64-9	Dibenzofuran	200	U
100-02-7	4-Nitrophenol	510	U
121-14-2	2,4-Dinitrotoluene	200	U
84-66-2	Diethylphthalate	220	U
86-73-7	Fluorene	210	U
7005-72-3	4-Chlorophenyl-phenylether	210	U
100-01-6	4-Nitroaniline	310	U
534-52-1	4,6-Dinitro-2-methylphenol	550	U
86-30-6	n-Nitrosodiphenylamine	200	U
103-33-3	Azobenzene	210	U
101-55-3	4-Bromophenyl-phenylether	190	U
118-74-1	Hexachlorobenzene	290	U
87-86-5	Pentachlorophenol	330	U
85-01-8	Phenanthrene	210	U
120-12-7	Anthracene	210	U
84-74-2	Di-n-butylphthalate	240	JB
206-44-0	Fluoranthene	210	U
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	110	J
85-68-7	Butylbenzylphthalate	280	U
56-55-3	Benzo[a]anthracene	220	U
91-94-1	3,3'-Dichlorobenzidine	380	U
218-01-9	Chrysene	280	U
117-81-7	bis(2-Ethylhexyl)phthalate	310	U
117-84-0	Di-n-octylphthalate	310	U
205-99-2	Benzo[b]fluoranthene	270	U
207-08-9	Benzo[k]fluoranthene	200	U
50-32-8	Benzo[a]pyrene	210	U
193-39-5	Indeno[1,2,3-cd]pyrene	220	U
53-70-3	Dibenz[a,h]anthracene	260	U
191-24-2	Benzo[g,h,i]perylene	260	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-165

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3688 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3688.02

Sample wt/vol: 9.95 (g/ml) G Lab File ID: BNA00282.D

Level: (low/med) LOW Date Received: 06/29/98

% Moisture: 8.78 decanted: (Y/N) N Date Extracted: 06/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/06/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 3 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	5.79	900	J
2. 000084-64-0	1,2-Benzenedicarboxylic acid, bu	20.26	1200	JN
3. 000630-06-8	Hexatriacontane	28.72	890	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-166

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3688 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3688.06

Sample wt/vol: 10.69 (g/ml) G Lab File ID: BNA00292.D

Level: (low/med) LOW Date Received: 06/29/98

% Moisture: 11.65 decanted:(Y/N) N Date Extracted: 06/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/07/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	320	U
62-75-9	N-nitroso-dimethylamine	210	U
62-53-3	Aniline	230	U
108-95-2	Phenol	350	U
111-44-4	bis(2-Chloroethyl)ether	220	U
95-57-8	2-Chlorophenol	200	U
541-73-1	1,3-Dichlorobenzene	220	U
106-46-7	1,4-Dichlorobenzene	310	U
100-51-6	Benzyl alcohol	280	U
95-50-1	1,2-Dichlorobenzene	250	U
	2-Methylphenol	220	U
108-60-1	bis(2-chloroisopropyl)ether	270	U
	4-Methylphenol	280	U
621-64-7	n-Nitroso-di-n-propylamine	260	U
67-72-1	Hexachloroethane	220	U
98-95-3	Nitrobenzene	280	U
78-59-1	Isophorone	270	U
88-75-5	2-Nitrophenol	180	U
105-67-9	2,4-Dimethylphenol	310	U
111-91-1	bis(2-Chloroethoxy)methane	130	U
120-83-2	2,4-Dichlorophenol	170	U
65-85-0	Benzoic Acid	530	U
120-82-1	1,2,4-Trichlorobenzene	280	U
91-20-3	Naphthalene	260	U
106-47-8	4-Chloroaniline	310	U
87-68-3	Hexachlorobutadiene	260	U
59-50-7	4-Chloro-3-methylphenol	210	U
91-57-6	2-Methylnaphthalene	290	U
77-47-4	Hexachlorocyclopentadiene	60	U
88-06-2	2,4,6-Trichlorophenol	200	U
	2,4,5-Trichlorophenol	220	U
91-58-7	2-Chloronaphthalene	190	U
88-74-4	2-Nitroaniline	180	U
131-11-3	Dimethylphthalate	160	U
208-96-8	Acenaphthylene	200	U
606-20-2	2,6-Dinitrotoluene	240	U
99-09-2	3-Nitroaniline	270	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-166

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3688 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3688.06

Sample wt/vol: 10.69 (g/ml) G Lab File ID: BNA00292.D

Level: (low/med) LOW Date Received: 06/29/98

% Moisture: 11.65 decanted:(Y/N) N Date Extracted: 06/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/07/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	190	U
51-28-5	2,4-Dinitrophenol	530	U
132-64-9	Dibenzofuran	200	U
100-02-7	4-Nitrophenol	490	U
121-14-2	2,4-Dinitrotoluene	200	U
84-66-2	Diethylphthalate	210	U
86-73-7	Fluorene	200	U
7005-72-3	4-Chlorophenyl-phenylether	200	U
100-01-6	4-Nitroaniline	300	U
534-52-1	4,6-Dinitro-2-methylphenol	530	U
86-30-6	n-Nitrosodiphenylamine	190	U
103-33-3	Azobenzene	200	U
101-55-3	4-Bromophenyl-phenylether	180	U
118-74-1	Hexachlorobenzene	280	U
87-86-5	Pentachlorophenol	310	U
85-01-8	Phenanthrene	200	U
120-12-7	Anthracene	200	U
84-74-2	Di-n-butylphthalate	290	JB
206-44-0	Fluoranthene	210	U
92-87-5	Benzidine	960	U
129-00-0	Pyrene	240	U
85-68-7	Butylbenzylphthalate	270	U
56-55-3	Benzo[a]anthracene	210	U
91-94-1	3,3'-Dichlorobenzidine	360	U
218-01-9	Chrysene	160	J
117-81-7	bis(2-Ethylhexyl)phthalate	290	U
117-84-0	Di-n-octylphthalate	300	U
205-99-2	Benzo[b]fluoranthene	170	J
207-08-9	Benzo[k]fluoranthene	140	J
50-32-8	Benzo[a]pyrene	200	U
193-39-5	Indeno[1,2,3-cd]pyrene	120	J
53-70-3	Dibenz[a,h]anthracene	250	U
191-24-2	Benzo[g,h,i]perylene	250	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-166

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3688 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3688.06

Sample wt/vol: 10.69 (g/ml) G Lab File ID: BNA00292.D

Level: (low/med) LOW Date Received: 06/29/98

% Moisture: 11.65 decanted: (Y/N) N Date Extracted: 06/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/07/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	20.27	1400	JN
2. 000629-96-9	1-Eicosanol	30.23	1100	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-167

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3688 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3688.09

Sample wt/vol: 10.22 (g/ml) G Lab File ID: BNA00284.D

Level: (low/med) LOW Date Received: 06/29/98

% Moisture: 8.94 decanted:(Y/N) N Date Extracted: 06/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/06/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	320	U
62-75-9	N-nitroso-dimethylamine	210	U
62-53-3	Aniline	230	U
108-95-2	Phenol	360	U
111-44-4	bis(2-Chloroethyl)ether	230	U
95-57-8	2-Chlorophenol	210	U
541-73-1	1,3-Dichlorobenzene	220	U
106-46-7	1,4-Dichlorobenzene	310	U
100-51-6	Benzyl alcohol	290	U
95-50-1	1,2-Dichlorobenzene	250	U
	2-Methylphenol	220	U
108-60-1	bis(2-chloroisopropyl)ether	270	U
	4-Methylphenol	290	U
621-64-7	n-Nitroso-di-n-propylamine	260	U
67-72-1	Hexachloroethane	230	U
98-95-3	Nitrobenzene	290	U
78-59-1	Isophorone	280	U
88-75-5	2-Nitrophenol	180	U
105-67-9	2,4-Dimethylphenol	310	U
111-91-1	bis(2-Chloroethoxy)methane	130	U
120-83-2	2,4-Dichlorophenol	170	U
65-85-0	Benzoic Acid	540	U
120-82-1	1,2,4-Trichlorobenzene	280	U
91-20-3	Naphthalene	260	U
106-47-8	4-Chloroaniline	310	U
87-68-3	Hexachlorobutadiene	270	U
59-50-7	4-Chloro-3-methylphenol	210	U
91-57-6	2-Methylnaphthalene	290	U
77-47-4	Hexachlorocyclopentadiene	61	U
88-06-2	2,4,6-Trichlorophenol	200	U
	2,4,5-Trichlorophenol	230	U
91-58-7	2-Chloronaphthalene	190	U
88-74-4	2-Nitroaniline	180	U
131-11-3	Dimethylphthalate	160	U
208-96-8	Acenaphthylene	210	U
606-20-2	2,6-Dinitrotoluene	240	U
99-09-2	3-Nitroaniline	270	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-167

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3688 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3688.09

Sample wt/vol: 10.22 (g/ml) G Lab File ID: BNA00284.D

Level: (low/med) LOW Date Received: 06/29/98

% Moisture: 8.94 decanted:(Y/N) N Date Extracted: 06/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/06/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	190	U
51-28-5	2,4-Dinitrophenol	540	U
132-64-9	Dibenzofuran	200	U
100-02-7	4-Nitrophenol	490	U
121-14-2	2,4-Dinitrotoluene	200	U
84-66-2	Diethylphthalate	220	U
86-73-7	Fluorene	210	U
7005-72-3	4-Chlorophenyl-phenylether	200	U
100-01-6	4-Nitroaniline	300	U
534-52-1	4,6-Dinitro-2-methylphenol	540	U
86-30-6	n-Nitrosodiphenylamine	200	U
103-33-3	Azobenzene	210	U
101-55-3	4-Bromophenyl-phenylether	190	U
118-74-1	Hexachlorobenzene	280	U
87-86-5	Pentachlorophenol	320	U
85-01-8	Phenanthrene	740	
120-12-7	Anthracene	210	U
84-74-2	Di-n-butylphthalate	120	JB
206-44-0	Fluoranthene	470	
92-87-5	Benzidine	970	U
129-00-0	Pyrene	920	
85-68-7	Butylbenzylphthalate	270	U
56-55-3	Benzo[a]anthracene	280	
91-94-1	3,3'-Dichlorobenzidine	370	U
218-01-9	Chrysene	580	
117-81-7	bis(2-Ethylhexyl)phthalate	300	U
117-84-0	Di-n-octylphthalate	300	U
205-99-2	Benzo[b]fluoranthene	200	J
207-08-9	Benzo[k]fluoranthene	220	
50-32-8	Benzo[a]pyrene	210	
193-39-5	Indeno[1,2,3-cd]pyrene	120	J
53-70-3	Dibenz[a,h]anthracene	260	U
191-24-2	Benzo[g,h,i]perylene	140	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-167

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3688 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3688.09

Sample wt/vol: 10.22 (g/ml) G Lab File ID: BNA00284.D

Level: (low/med) LOW Date Received: 06/29/98

% Moisture: 8.94 decanted: (Y/N) N Date Extracted: 06/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/06/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	28.29	2000	J
2. 074685-33-9	3-Eicosene, (E)-	30.22	1000	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-168

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3688 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3688.12

Sample wt/vol: 10.36 (g/ml) G Lab File ID: BNA00285.D

Level: (low/med) LOW Date Received: 06/29/98

% Moisture: 15.94 decanted:(Y/N) N Date Extracted: 06/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/06/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	340	U
62-75-9	N-nitroso-dimethylamine	230	U
62-53-3	Aniline	250	U
108-95-2	Phenol	380	U
111-44-4	bis(2-Chloroethyl)ether	240	U
95-57-8	2-Chlorophenol	220	U
541-73-1	1,3-Dichlorobenzene	240	U
106-46-7	1,4-Dichlorobenzene	340	U
100-51-6	Benzyl alcohol	310	U
95-50-1	1,2-Dichlorobenzene	270	U
	2-Methylphenol	240	U
108-60-1	bis(2-chloroisopropyl)ether	290	U
	4-Methylphenol	310	U
621-64-7	n-Nitroso-di-n-propylamine	280	U
67-72-1	Hexachloroethane	240	U
98-95-3	Nitrobenzene	310	U
78-59-1	Isophorone	290	U
88-75-5	2-Nitrophenol	190	U
105-67-9	2,4-Dimethylphenol	340	U
111-91-1	bis(2-Chloroethoxy)methane	140	U
120-83-2	2,4-Dichlorophenol	180	U
65-85-0	Benzoic Acid	570	U
120-82-1	1,2,4-Trichlorobenzene	300	U
91-20-3	Naphthalene	280	U
106-47-8	4-Chloroaniline	340	U
87-68-3	Hexachlorobutadiene	290	U
59-50-7	4-Chloro-3-methylphenol	220	U
91-57-6	2-Methylnaphthalene	310	U
77-47-4	Hexachlorocyclopentadiene	65	U
88-06-2	2,4,6-Trichlorophenol	220	U
	2,4,5-Trichlorophenol	240	U
91-58-7	2-Chloronaphthalene	200	U
88-74-4	2-Nitroaniline	190	U
131-11-3	Dimethylphthalate	170	U
208-96-8	Acenaphthylene	220	U
606-20-2	2,6-Dinitrotoluene	260	U
99-09-2	3-Nitroaniline	290	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-168

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3688 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3688.12

Sample wt/vol: 10.36 (g/ml) G Lab File ID: BNA00285.D

Level: (low/med) LOW Date Received: 06/29/98

% Moisture: 15.94 decanted:(Y/N) N Date Extracted: 06/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/06/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	200	U
51-28-5	2,4-Dinitrophenol	570	U
132-64-9	Dibenzofuran	210	U
100-02-7	4-Nitrophenol	530	U
121-14-2	2,4-Dinitrotoluene	210	U
84-66-2	Diethylphthalate	230	U
86-73-7	Fluorene	220	U
7005-72-3	4-Chlorophenyl-phenylether	220	U
100-01-6	4-Nitroaniline	320	U
534-52-1	4,6-Dinitro-2-methylphenol	570	U
86-30-6	n-Nitrosodiphenylamine	210	U
103-33-3	Azobenzene	220	U
101-55-3	4-Bromophenyl-phenylether	200	U
118-74-1	Hexachlorobenzene	300	U
87-86-5	Pentachlorophenol	340	U
85-01-8	Phenanthrene	220	U
120-12-7	Anthracene	220	U
84-74-2	Di-n-butylphthalate	480	JB
206-44-0	Fluoranthene	220	U
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	260	U
85-68-7	Butylbenzylphthalate	290	U
56-55-3	Benzo[a]anthracene	230	U
91-94-1	3,3'-Dichlorobenzidine	400	U
218-01-9	Chrysene	290	U
117-81-7	bis(2-Ethylhexyl)phthalate	320	U
117-84-0	Di-n-octylphthalate	320	U
205-99-2	Benzo[b]fluoranthene	280	U
207-08-9	Benzo[k]fluoranthene	210	U
50-32-8	Benzo[a]pyrene	210	U
193-39-5	Indeno[1,2,3-cd]pyrene	230	U
53-70-3	Dibenz[a,h]anthracene	270	U
191-24-2	Benzo[g,h,i]perylene	270	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-168

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3688 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3688.12

Sample wt/vol: 10.36 (g/ml) G Lab File ID: BNA00285.D

Level: (low/med) LOW Date Received: 06/29/98

% Moisture: 15.94 decanted: (Y/N) N Date Extracted: 06/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/06/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	20.27	3100	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-169

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3688 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3688.15

Sample wt/vol: 9.99 (g/ml) G Lab File ID: BNA00294.D

Level: (low/med) LOW Date Received: 06/29/98

% Moisture: 23.96 decanted:(Y/N) N Date Extracted: 06/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/07/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
110-86-1	Pyridine	390	U
62-75-9	N-nitroso-dimethylamine	260	U
62-53-3	Aniline	290	U
108-95-2	Phenol	440	U
111-44-4	bis(2-Chloroethyl)ether	280	U
95-57-8	2-Chlorophenol	250	U
541-73-1	1,3-Dichlorobenzene	270	U
106-46-7	1,4-Dichlorobenzene	380	U
100-51-6	Benzyl alcohol	350	U
95-50-1	1,2-Dichlorobenzene	310	U
	2-Methylphenol	270	U
108-60-1	bis(2-chloroisopropyl)ether	330	U
	4-Methylphenol	350	U
621-64-7	n-Nitroso-di-n-propylamine	320	U
67-72-1	Hexachloroethane	280	U
98-95-3	Nitrobenzene	350	U
78-59-1	Isophorone	340	U
88-75-5	2-Nitrophenol	220	U
105-67-9	2,4-Dimethylphenol	380	U
111-91-1	bis(2-Chloroethoxy)methane	160	U
120-83-2	2,4-Dichlorophenol	210	U
65-85-0	Benzoic Acid	660	U
120-82-1	1,2,4-Trichlorobenzene	340	U
91-20-3	Naphthalene	320	U
106-47-8	4-Chloroaniline	390	U
87-68-3	Hexachlorobutadiene	330	U
59-50-7	4-Chloro-3-methylphenol	260	U
91-57-6	2-Methylnaphthalene	360	U
77-47-4	Hexachlorocyclopentadiene	75	U
88-06-2	2,4,6-Trichlorophenol	250	U
	2,4,5-Trichlorophenol	280	U
91-58-7	2-Chloronaphthalene	230	U
88-74-4	2-Nitroaniline	220	U
131-11-3	Dimethylphthalate	200	U
208-96-8	Acenaphthylene	250	U
606-20-2	2,6-Dinitrotoluene	300	U
99-09-2	3-Nitroaniline	330	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-169

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3688 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3688.15

Sample wt/vol: 9.99 (g/ml) G Lab File ID: BNA00294.D

Level: (low/med) LOW Date Received: 06/29/98

% Moisture: 23.96 decanted:(Y/N) N Date Extracted: 06/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/07/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
83-32-9	Acenaphthene	230	U
51-28-5	2,4-Dinitrophenol	660	U
132-64-9	Dibenzofuran	240	U
100-02-7	4-Nitrophenol	600	U
121-14-2	2,4-Dinitrotoluene	240	U
84-66-2	Diethylphthalate	270	U
86-73-7	Fluorene	250	U
7005-72-3	4-Chlorophenyl-phenylether	250	U
100-01-6	4-Nitroaniline	370	U
534-52-1	4,6-Dinitro-2-methylphenol	660	U
86-30-6	n-Nitrosodiphenylamine	240	U
103-33-3	Azobenzene	250	U
101-55-3	4-Bromophenyl-phenylether	230	U
118-74-1	Hexachlorobenzene	350	U
87-86-5	Pentachlorophenol	390	U
85-01-8	Phenanthrene	250	U
120-12-7	Anthracene	250	U
84-74-2	Di-n-butylphthalate	190	JB
206-44-0	Fluoranthene	260	U
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	300	U
85-68-7	Butylbenzylphthalate	330	U
56-55-3	Benzo[a]anthracene	260	U
91-94-1	3,3'-Dichlorobenzidine	450	U
218-01-9	Chrysene	330	U
117-81-7	bis(2-Ethylhexyl)phthalate	360	U
117-84-0	Di-n-octylphthalate	370	U
205-99-2	Benzo[b]fluoranthene	320	U
207-08-9	Benzo[k]fluoranthene	240	U
50-32-8	Benzo[a]pyrene	250	U
193-39-5	Indeno[1,2,3-cd]pyrene	270	U
53-70-3	Dibenz[a,h]anthracene	310	U
191-24-2	Benzo[g,h,i]perylene	310	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-169

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3688 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3688.15

Sample wt/vol: 9.99 (g/ml) G Lab File ID: BNA00294.D

Level: (low/med) LOW Date Received: 06/29/98

% Moisture: 23.96 decanted: (Y/N) N Date Extracted: 06/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/07/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 0

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-178

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3722 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3722.12

Sample wt/vol: 10.22 (g/ml) G Lab File ID: BN2073.D

Level: (low/med) LOW Date Received: 07/13/98

% Moisture: 6.53 decanted:(Y/N) N Date Extracted: 07/14/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/16/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	310	U
62-75-9	N-nitroso-dimethylamine	210	U
62-53-3	Aniline	230	U
108-95-2	Phenol	350	U
111-44-4	bis(2-Chloroethyl)ether	220	U
95-57-8	2-Chlorophenol	200	U
541-73-1	1,3-Dichlorobenzene	220	U
106-46-7	1,4-Dichlorobenzene	310	U
100-51-6	Benzyl alcohol	280	U
95-50-1	1,2-Dichlorobenzene	250	U
	2-Methylphenol	210	U
108-60-1	bis(2-chloroisopropyl)ether	260	U
	4-Methylphenol	280	U
621-64-7	n-Nitroso-di-n-propylamine	260	U
67-72-1	Hexachloroethane	220	U
98-95-3	Nitrobenzene	280	U
78-59-1	Isophorone	270	U
88-75-5	2-Nitrophenol	180	U
105-67-9	2,4-Dimethylphenol	310	U
111-91-1	bis(2-Chloroethoxy)methane	120	U
120-83-2	2,4-Dichlorophenol	170	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	270	U
91-20-3	Naphthalene	260	U
106-47-8	4-Chloroaniline	310	U
87-68-3	Hexachlorobutadiene	260	U
59-50-7	4-Chloro-3-methylphenol	200	U
91-57-6	2-Methylnaphthalene	290	U
77-47-4	Hexachlorocyclopentadiene	60	U
88-06-2	2,4,6-Trichlorophenol	200	U
	2,4,5-Trichlorophenol	220	U
91-58-7	2-Chloronaphthalene	190	U
88-74-4	2-Nitroaniline	170	U
131-11-3	Dimethylphthalate	160	U
208-96-8	Acenaphthylene	200	U
606-20-2	2,6-Dinitrotoluene	240	U
99-09-2	3-Nitroaniline	260	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-178

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3722 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3722.12

Sample wt/vol: 10.22 (g/ml) G Lab File ID: BN2073.D

Level: (low/med) LOW Date Received: 07/13/98

% Moisture: 6.53 decanted:(Y/N) N Date Extracted: 07/14/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/16/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	180	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	190	U
100-02-7	4-Nitrophenol	480	U
121-14-2	2,4-Dinitrotoluene	190	U
84-66-2	Diethylphthalate	210	U
86-73-7	Fluorene	200	U
7005-72-3	4-Chlorophenyl-phenylether	200	U
100-01-6	4-Nitroaniline	300	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	190	U
103-33-3	Azobenzene	200	U
101-55-3	4-Bromophenyl-phenylether	180	U
118-74-1	Hexachlorobenzene	280	U
87-86-5	Pentachlorophenol	310	U
85-01-8	Phenanthrene	200	U
120-12-7	Anthracene	200	U
84-74-2	Di-n-butylphthalate	580	JB
206-44-0	Fluoranthene	200	U
92-87-5	Benzidine	950	U
129-00-0	Pyrene	240	U
85-68-7	Butylbenzylphthalate	260	U
56-55-3	Benzo[a]anthracene	210	U
91-94-1	3,3'-Dichlorobenzidine	360	U
218-01-9	Chrysene	260	U
117-81-7	bis(2-Ethylhexyl)phthalate	290	U
117-84-0	Di-n-octylphthalate	300	U
205-99-2	Benzo[b]fluoranthene	260	U
207-08-9	Benzo[k]fluoranthene	190	U
50-32-8	Benzo[a]pyrene	200	U
193-39-5	Indeno[1,2,3-cd]pyrene	210	U
53-70-3	Dibenz[a,h]anthracene	250	U
191-24-2	Benzo[g,h,i]perylene	250	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-178

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3722 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3722.12

Sample wt/vol: 10.22 (g/ml) G Lab File ID: BN2073.D

Level: (low/med) LOW Date Received: 07/13/98

% Moisture: 6.53 decanted: (Y/N) N Date Extracted: 07/14/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/16/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 3 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	6.30	5800	J
2. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	20.73	1100	JN
3. 001599-67-3	1-Docosene	26.17	8600	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-179

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No: 3722 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3722.15

Sample wt/vol: 10.48 (g/ml) G Lab File ID: BN2075.D

Level: (low/med) LOW Date Received: 07/13/98

% Moisture: 3.87 decanted:(Y/N) N Date Extracted: 07/14/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/16/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	300	U
62-75-9	N-nitroso-dimethylamine	200	U
62-53-3	Aniline	220	U
108-95-2	Phenol	330	U
111-44-4	bis(2-Chloroethyl)ether	210	U
95-57-8	2-Chlorophenol	190	U
541-73-1	1,3-Dichlorobenzene	210	U
106-46-7	1,4-Dichlorobenzene	290	U
100-51-6	Benzyl alcohol	270	U
95-50-1	1,2-Dichlorobenzene	230	U
	2-Methylphenol	200	U
108-60-1	bis(2-chloroisopropyl)ether	250	U
	4-Methylphenol	270	U
621-64-7	n-Nitroso-di-n-propylamine	240	U
67-72-1	Hexachloroethane	210	U
98-95-3	Nitrobenzene	270	U
78-59-1	Isophorone	250	U
88-75-5	2-Nitrophenol	170	U
105-67-9	2,4-Dimethylphenol	290	U
111-91-1	bis(2-Chloroethoxy)methane	120	U
120-83-2	2,4-Dichlorophenol	160	U
65-85-0	Benzoic Acid	990	U
120-82-1	1,2,4-Trichlorobenzene	260	U
91-20-3	Naphthalene	240	U
106-47-8	4-Chloroaniline	290	U
87-68-3	Hexachlorobutadiene	250	U
59-50-7	4-Chloro-3-methylphenol	190	U
91-57-6	2-Methylnaphthalene	270	U
77-47-4	Hexachlorocyclopentadiene	57	U
88-06-2	2,4,6-Trichlorophenol	190	U
	2,4,5-Trichlorophenol	210	U
91-58-7	2-Chloronaphthalene	180	U
88-74-4	2-Nitroaniline	160	U
131-11-3	Dimethylphthalate	150	U
208-96-8	Acenaphthylene	190	U
606-20-2	2,6-Dinitrotoluene	230	U
99-09-2	3-Nitroaniline	250	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-179

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No: 3722 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3722.15

Sample wt/vol: 10.48 (g/ml) G Lab File ID: BN2075.D

Level: (low/med) LOW Date Received: 07/13/98

% Moisture: 3.87 decanted:(Y/N) N Date Extracted: 07/14/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/16/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	170	U
51-28-5	2,4-Dinitrophenol	990	U
132-64-9	Dibenzofuran	180	U
100-02-7	4-Nitrophenol	460	U
121-14-2	2,4-Dinitrotoluene	180	U
84-66-2	Diethylphthalate	200	U
86-73-7	Fluorene	190	U
7005-72-3	4-Chlorophenyl-phenylether	190	U
100-01-6	4-Nitroaniline	280	U
534-52-1	4,6-Dinitro-2-methylphenol	990	U
86-30-6	n-Nitrosodiphenylamine	180	U
103-33-3	Azobenzene	190	U
101-55-3	4-Bromophenyl-phenylether	170	U
118-74-1	Hexachlorobenzene	260	U
87-86-5	Pentachlorophenol	290	U
85-01-8	Phenanthrene	190	U
120-12-7	Anthracene	190	U
84-74-2	Di-n-butylphthalate	310	JB
206-44-0	Fluoranthene	190	U
92-87-5	Benzidine	900	U
129-00-0	Pyrene	220	U
85-68-7	Butylbenzylphthalate	250	U
56-55-3	Benzo[a]anthracene	190	U
91-94-1	3,3'-Dichlorobenzidine	340	U
218-01-9	Chrysene	250	U
117-81-7	bis(2-Ethylhexyl)phthalate	110	J
117-84-0	Di-n-octylphthalate	280	U
205-99-2	Benzo[b]fluoranthene	240	U
207-08-9	Benzo[k]fluoranthene	180	U
50-32-8	Benzo[a]pyrene	190	U
193-39-5	Indeno[1,2,3-cd]pyrene	200	U
53-70-3	Dibenz[a,h]anthracene	240	U
191-24-2	Benzo[g,h,i]perylene	240	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-179

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No: 3722 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3722.15

Sample wt/vol: 10.48 (g/ml) G Lab File ID: BN2075.D

Level: (low/med) LOW Date Received: 07/13/98

% Moisture: 3.87 decanted: (Y/N) N Date Extracted: 07/14/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/16/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 4

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	6.30	1600	J
2. 001454-84-8	1-Nonadecanol	26.17	11000	JN
3. 001599-67-3	1-Docosene	27.69	1400	JN
4.	unknown	28.66	830	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-180

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3722 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3722.18

Sample wt/vol: 10.43 (g/ml) G Lab File ID: BN2076.D

Level: (low/med) LOW Date Received: 07/13/98

% Moisture: 5.8 decanted:(Y/N) N Date Extracted: 07/14/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/16/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	300	U
62-75-9	N-nitroso-dimethylamine	200	U
62-53-3	Aniline	220	U
108-95-2	Phenol	340	U
111-44-4	bis(2-Chloroethyl)ether	210	U
95-57-8	2-Chlorophenol	190	U
541-73-1	1,3-Dichlorobenzene	210	U
106-46-7	1,4-Dichlorobenzene	300	U
100-51-6	Benzyl alcohol	270	U
95-50-1	1,2-Dichlorobenzene	240	U
	2-Methylphenol	210	U
108-60-1	bis(2-chloroisopropyl)ether	260	U
	4-Methylphenol	270	U
621-64-7	n-Nitroso-di-n-propylamine	250	U
67-72-1	Hexachloroethane	210	U
98-95-3	Nitrobenzene	270	U
78-59-1	Isophorone	260	U
88-75-5	2-Nitrophenol	170	U
105-67-9	2,4-Dimethylphenol	300	U
111-91-1	bis(2-Chloroethoxy)methane	120	U
120-83-2	2,4-Dichlorophenol	160	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	270	U
91-20-3	Naphthalene	250	U
106-47-8	4-Chloroaniline	300	U
87-68-3	Hexachlorobutadiene	250	U
59-50-7	4-Chloro-3-methylphenol	200	U
91-57-6	2-Methylnaphthalene	280	U
77-47-4	Hexachlorocyclopentadiene	58	U
88-06-2	2,4,6-Trichlorophenol	190	U
	2,4,5-Trichlorophenol	210	U
91-58-7	2-Chloronaphthalene	180	U
88-74-4	2-Nitroaniline	170	U
131-11-3	Dimethylphthalate	150	U
208-96-8	Acenaphthylene	200	U
606-20-2	2,6-Dinitrotoluene	230	U
99-09-2	3-Nitroaniline	260	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-180

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3722 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3722.18

Sample wt/vol: 10.43 (g/ml) G Lab File ID: BN2076.D

Level: (low/med) LOW Date Received: 07/13/98

% Moisture: 5.8 decanted:(Y/N) N Date Extracted: 07/14/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/16/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	180	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	190	U
100-02-7	4-Nitrophenol	470	U
121-14-2	2,4-Dinitrotoluene	190	U
84-66-2	Diethylphthalate	210	U
86-73-7	Fluorene	190	U
7005-72-3	4-Chlorophenyl-phenylether	190	U
100-01-6	4-Nitroaniline	290	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	190	U
103-33-3	Azobenzene	190	U
101-55-3	4-Bromophenyl-phenylether	180	U
118-74-1	Hexachlorobenzene	270	U
87-86-5	Pentachlorophenol	300	U
85-01-8	Phenanthrene	250	
120-12-7	Anthracene	200	U
84-74-2	Di-n-butylphthalate	610	JB
206-44-0	Fluoranthene	230	
92-87-5	Benzidine	920	U
129-00-0	Pyrene	370	
85-68-7	Butylbenzylphthalate	260	U
56-55-3	Benzo[a]anthracene	140	J
91-94-1	3,3'-Dichlorobenzidine	350	U
218-01-9	Chrysene	390	
117-81-7	bis(2-Ethylhexyl)phthalate	280	U
117-84-0	Di-n-octylphthalate	290	U
205-99-2	Benzo[b]fluoranthene	110	J
207-08-9	Benzo[k]fluoranthene	190	U
50-32-8	Benzo[a]pyrene	190	U
193-39-5	Indeno[1,2,3-cd]pyrene	210	U
53-70-3	Dibenz[a,h]anthracene	240	U
191-24-2	Benzo[g,h,i]perylene	240	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-180

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3722 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3722.18

Sample wt/vol: 10.43 (g/ml) G Lab File ID: BN2076.D

Level: (low/med) LOW Date Received: 07/13/98

% Moisture: 5.8 decanted: (Y/N) N Date Extracted: 07/14/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/16/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 8

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	6.29	1700	J
2. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	20.72	980	JN
3. 001599-67-3	1-Docosene	26.17	8300	JN
4. 000506-52-5	1-Hexacosanol	27.69	860	JN
5.	unknown	28.69	1300	J
6. 001454-84-8	1-Nonadecanol	29.11	1000	JN
7. 000544-85-4	Dotriacontane	30.59	870	JN
8. 000112-92-5	1-Octadecanol	30.68	1300	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-181

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3722 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3722.21

Sample wt/vol: 9.94 (g/ml) G Lab File ID: BN2077.D

Level: (low/med) LOW Date Received: 07/13/98

% Moisture: 10.94 decanted:(Y/N) N Date Extracted: 07/14/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/16/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	340	U
62-75-9	N-nitroso-dimethylamine	230	U
62-53-3	Aniline	250	U
108-95-2	Phenol	380	U
111-44-4	bis(2-Chloroethyl)ether	240	U
95-57-8	2-Chlorophenol	220	U
541-73-1	1,3-Dichlorobenzene	230	U
106-46-7	1,4-Dichlorobenzene	330	U
100-51-6	Benzyl alcohol	300	U
95-50-1	1,2-Dichlorobenzene	270	U
	2-Methylphenol	230	U
108-60-1	bis(2-chloroisopropyl)ether	280	U
	4-Methylphenol	300	U
621-64-7	n-Nitroso-di-n-propylamine	280	U
67-72-1	Hexachloroethane	240	U
98-95-3	Nitrobenzene	300	U
78-59-1	Isophorone	290	U
88-75-5	2-Nitrophenol	190	U
105-67-9	2,4-Dimethylphenol	330	U
111-91-1	bis(2-Chloroethoxy)methane	130	U
120-83-2	2,4-Dichlorophenol	180	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	300	U
91-20-3	Naphthalene	280	U
106-47-8	4-Chloroaniline	330	U
87-68-3	Hexachlorobutadiene	280	U
59-50-7	4-Chloro-3-methylphenol	220	U
91-57-6	2-Methylnaphthalene	310	U
77-47-4	Hexachlorocyclopentadiene	64	U
88-06-2	2,4,6-Trichlorophenol	210	U
	2,4,5-Trichlorophenol	240	U
91-58-7	2-Chloronaphthalene	200	U
88-74-4	2-Nitroaniline	190	U
131-11-3	Dimethylphthalate	170	U
208-96-8	Acenaphthylene	220	U
606-20-2	2,6-Dinitrotoluene	260	U
99-09-2	3-Nitroaniline	280	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-181

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3722 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3722.21

Sample wt/vol: 9.94 (g/ml) G Lab File ID: BN2077.D

Level: (low/med) LOW Date Received: 07/13/98

% Moisture: 10.94 decanted:(Y/N) N Date Extracted: 07/14/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/16/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	200	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	210	U
100-02-7	4-Nitrophenol	520	U
121-14-2	2,4-Dinitrotoluene	210	U
84-66-2	Diethylphthalate	230	U
86-73-7	Fluorene	220	U
7005-72-3	4-Chlorophenyl-phenylether	210	U
100-01-6	4-Nitroaniline	320	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	210	U
103-33-3	Azobenzene	220	U
101-55-3	4-Bromophenyl-phenylether	200	U
118-74-1	Hexachlorobenzene	300	U
87-86-5	Pentachlorophenol	330	U
85-01-8	Phenanthrene	220	U
120-12-7	Anthracene	220	U
84-74-2	Di-n-butylphthalate	760	JB
206-44-0	Fluoranthene	220	U
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	260	U
85-68-7	Butylbenzylphthalate	280	U
56-55-3	Benzo[a]anthracene	220	U
91-94-1	3,3'-Dichlorobenzidine	390	U
218-01-9	Chrysene	280	U
117-81-7	bis(2-Ethylhexyl)phthalate	310	U
117-84-0	Di-n-octylphthalate	320	U
205-99-2	Benzo[b]fluoranthene	280	U
207-08-9	Benzo[k]fluoranthene	210	U
50-32-8	Benzo[a]pyrene	210	U
193-39-5	Indeno[1,2,3-cd]pyrene	230	U
53-70-3	Dibenz[a,h]anthracene	270	U
191-24-2	Benzo[g,h,i]perylene	270	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-181

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No: 3722 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3722.21

Sample wt/vol: 9.94 (g/ml) G Lab File ID: BN2077.D

Level: (low/med) LOW Date Received: 07/13/98

% Moisture: 10.94 decanted: (Y/N) N Date Extracted: 07/14/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/16/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 5 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	6.29	2800	J
2. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	20.72	1500	JN
3. 001599-67-3	1-Docosene	26.17	12000	JN
4. 006624-79-9	1-Dotriacontanol	27.69	1200	JN
5.	unknown	28.66	950	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

197

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3805 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3805.02

Sample wt/vol: 10.34 (g/ml) G Lab File ID: BNA00406.D

Level: (low/med) LOW Date Received: 08/12/98

% Moisture: 10.13 decanted:(Y/N) N Date Extracted: 08/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	320	U
62-75-9	N-nitroso-dimethylamine	220	U
62-53-3	Aniline	230	U
108-95-2	Phenol	360	U
111-44-4	bis(2-Chloroethyl)ether	230	U
95-57-8	2-Chlorophenol	210	U
541-73-1	1,3-Dichlorobenzene	220	U
106-46-7	1,4-Dichlorobenzene	310	U
100-51-6	Benzyl alcohol	290	U
95-50-1	1,2-Dichlorobenzene	250	U
	2-Methylphenol	220	U
108-60-1	bis(2-chloroisopropyl)ether	270	U
	4-Methylphenol	290	U
621-64-7	n-Nitroso-di-n-propylamine	260	U
67-72-1	Hexachloroethane	230	U
98-95-3	Nitrobenzene	290	U
78-59-1	Isophorone	280	U
88-75-5	2-Nitrophenol	180	U
105-67-9	2,4-Dimethylphenol	310	U
111-91-1	bis(2-Chloroethoxy)methane	130	U
120-83-2	2,4-Dichlorophenol	170	U
65-85-0	Benzoic Acid	540	U
120-82-1	1,2,4-Trichlorobenzene	280	U
91-20-3	Naphthalene	260	U
106-47-8	4-Chloroaniline	320	U
87-68-3	Hexachlorobutadiene	270	U
59-50-7	4-Chloro-3-methylphenol	210	U
91-57-6	2-Methylnaphthalene	290	U
77-47-4	Hexachlorocyclopentadiene	61	U
88-06-2	2,4,6-Trichlorophenol	200	U
	2,4,5-Trichlorophenol	230	U
91-58-7	2-Chloronaphthalene	190	U
88-74-4	2-Nitroaniline	180	U
131-11-3	Dimethylphthalate	160	U
208-96-8	Acenaphthylene	210	U
606-20-2	2,6-Dinitrotoluene	250	U
99-09-2	3-Nitroaniline	270	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

197

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3805 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3805.02

Sample wt/vol: 10.34 (g/ml) G Lab File ID: BNA00406.D

Level: (low/med) LOW Date Received: 08/12/98

% Moisture: 10.13 decanted:(Y/N) N Date Extracted: 08/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	190	U
51-28-5	2,4-Dinitrophenol	540	U
132-64-9	Dibenzofuran	200	U
100-02-7	4-Nitrophenol	490	U
121-14-2	2,4-Dinitrotoluene	200	U
84-66-2	Diethylphthalate	220	U
86-73-7	Fluorene	210	U
7005-72-3	4-Chlorophenyl-phenylether	200	U
100-01-6	4-Nitroaniline	300	U
534-52-1	4,6-Dinitro-2-methylphenol	540	U
86-30-6	n-Nitrosodiphenylamine	200	U
103-33-3	Azobenzene	210	U
101-55-3	4-Bromophenyl-phenylether	190	U
118-74-1	Hexachlorobenzene	280	U
87-86-5	Pentachlorophenol	320	U
85-01-8	Phenanthrene	210	U
120-12-7	Anthracene	210	U
84-74-2	Di-n-butylphthalate	900	U
206-44-0	Fluoranthene	210	U
92-87-5	Benzidine	970	U
129-00-0	Pyrene	240	U
85-68-7	Butylbenzylphthalate	270	U
56-55-3	Benzo[a]anthracene	210	U
91-94-1	3,3'-Dichlorobenzidine	370	U
218-01-9	Chrysene	270	U
117-81-7	bis(2-Ethylhexyl)phthalate	300	U
117-84-0	Di-n-octylphthalate	300	U
205-99-2	Benzo[b]fluoranthene	260	U
207-08-9	Benzo[k]fluoranthene	200	U
50-32-8	Benzo[a]pyrene	200	U
193-39-5	Indeno[1,2,3-cd]pyrene	220	U
53-70-3	Dibenz[a,h]anthracene	260	U
191-24-2	Benzo[g,h,i]perylene	260	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

197

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3805 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3805.02

Sample wt/vol: 10.34 (g/ml) G Lab File ID: BNA00406.D

Level: (low/med) LOW Date Received: 08/12/98

% Moisture: 10.13 decanted: (Y/N) N Date Extracted: 08/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 4

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	19.53	1200	J
2. 000057-10-3	Hexadecanoic acid	20.40	930	JN
3. 010544-50-0	Sulfur, mol. (S8)	21.33	1900	JN
4. 074685-33-9	3-Eicosene, (E)-	25.00	8100	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

198

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3805 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3805.04

Sample wt/vol: 10.33 (g/ml) G Lab File ID: BNA00407.D

Level: (low/med) LOW Date Received: 08/12/98

% Moisture: 7.54 decanted:(Y/N) N Date Extracted: 08/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	310	U
62-75-9	N-nitroso-dimethylamine	210	U
62-53-3	Aniline	230	U
108-95-2	Phenol	350	U
111-44-4	bis(2-Chloroethyl)ether	220	U
95-57-8	2-Chlorophenol	200	U
541-73-1	1,3-Dichlorobenzene	220	U
106-46-7	1,4-Dichlorobenzene	310	U
100-51-6	Benzyl alcohol	280	U
95-50-1	1,2-Dichlorobenzene	250	U
	2-Methylphenol	210	U
108-60-1	bis(2-chloroisopropyl)ether	260	U
	4-Methylphenol	280	U
621-64-7	n-Nitroso-di-n-propylamine	260	U
67-72-1	Hexachloroethane	220	U
98-95-3	Nitrobenzene	280	U
78-59-1	Isophorone	270	U
88-75-5	2-Nitrophenol	180	U
105-67-9	2,4-Dimethylphenol	310	U
111-91-1	bis(2-Chloroethoxy)methane	120	U
120-83-2	2,4-Dichlorophenol	170	U
65-85-0	Benzoic Acid	520	U
120-82-1	1,2,4-Trichlorobenzene	270	U
91-20-3	Naphthalene	260	U
106-47-8	4-Chloroaniline	310	U
87-68-3	Hexachlorobutadiene	260	U
59-50-7	4-Chloro-3-methylphenol	200	U
91-57-6	2-Methylnaphthalene	290	U
77-47-4	Hexachlorocyclopentadiene	60	U
88-06-2	2,4,6-Trichlorophenol	200	U
	2,4,5-Trichlorophenol	220	U
91-58-7	2-Chloronaphthalene	190	U
88-74-4	2-Nitroaniline	170	U
131-11-3	Dimethylphthalate	160	U
208-96-8	Acenaphthylene	200	U
606-20-2	2,6-Dinitrotoluene	240	U
99-09-2	3-Nitroaniline	260	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

198

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3805 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3805.04

Sample wt/vol: 10.33 (g/ml) G Lab File ID: BNA00407.D

Level: (low/med) LOW Date Received: 08/12/98

% Moisture: 7.54 decanted:(Y/N) N Date Extracted: 08/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	180	U
51-28-5	2,4-Dinitrophenol	520	U
132-64-9	Dibenzofuran	190	U
100-02-7	4-Nitrophenol	480	U
121-14-2	2,4-Dinitrotoluene	190	U
84-66-2	Diethylphthalate	210	U
86-73-7	Fluorene	200	U
7005-72-3	4-Chlorophenyl-phenylether	200	U
100-01-6	4-Nitroaniline	300	U
534-52-1	4,6-Dinitro-2-methylphenol	520	U
86-30-6	n-Nitrosodiphenylamine	190	U
103-33-3	Azobenzene	200	U
101-55-3	4-Bromophenyl-phenylether	180	U
118-74-1	Hexachlorobenzene	280	U
87-86-5	Pentachlorophenol	310	U
85-01-8	Phenanthrene	200	U
120-12-7	Anthracene	200	U
84-74-2	Di-n-butylphthalate	720	J
206-44-0	Fluoranthene	200	U
92-87-5	Benzidine	950	U
129-00-0	Pyrene	240	U
85-68-7	Butylbenzylphthalate	260	U
56-55-3	Benzo[a]anthracene	210	U
91-94-1	3,3'-Dichlorobenzidine	360	U
218-01-9	Chrysene	260	U
117-81-7	bis(2-Ethylhexyl)phthalate	290	U
117-84-0	Di-n-octylphthalate	300	U
205-99-2	Benzo[b]fluoranthene	260	U
207-08-9	Benzo[k]fluoranthene	190	U
50-32-8	Benzo[a]pyrene	200	U
193-39-5	Indeno[1,2,3-cd]pyrene	210	U
53-70-3	Dibenz[a,h]anthracene	250	U
191-24-2	Benzo[g,h,i]perylene	250	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

198

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3805 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3805.04

Sample wt/vol: 10.33 (g/ml) G Lab File ID: BNA00407.D

Level: (low/med) LOW Date Received: 08/12/98

% Moisture: 7.54 decanted: (Y/N) N Date Extracted: 08/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 4

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000295-48-7	Cyclopentadecane	26.53	2000	JN
2.	unknown	19.53	980	J
3. 007704-34-9	Sulfur	21.34	2700	JN
4. 000112-88-9	1-Octadecene	25.02	4200	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

199

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3805 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3805.06

Sample wt/vol: 10.3 (g/ml) G Lab File ID: BNA00408.D

Level: (low/med) LOW Date Received: 08/12/98

% Moisture: 20.84 decanted:(Y/N) N Date Extracted: 08/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	370	U
62-75-9	N-nitroso-dimethylamine	250	U
62-53-3	Aniline	270	U
108-95-2	Phenol	410	U
111-44-4	bis(2-Chloroethyl)ether	260	U
95-57-8	2-Chlorophenol	230	U
541-73-1	1,3-Dichlorobenzene	250	U
106-46-7	1,4-Dichlorobenzene	360	U
100-51-6	Benzyl alcohol	330	U
95-50-1	1,2-Dichlorobenzene	290	U
	2-Methylphenol	250	U
108-60-1	bis(2-chloroisopropyl)ether	310	U
	4-Methylphenol	330	U
621-64-7	n-Nitroso-di-n-propylamine	300	U
67-72-1	Hexachloroethane	260	U
98-95-3	Nitrobenzene	330	U
78-59-1	Isophorone	310	U
88-75-5	2-Nitrophenol	210	U
105-67-9	2,4-Dimethylphenol	360	U
111-91-1	bis(2-Chloroethoxy)methane	150	U
120-83-2	2,4-Dichlorophenol	190	U
65-85-0	Benzoic Acid	610	U
120-82-1	1,2,4-Trichlorobenzene	320	U
91-20-3	Naphthalene	300	U
106-47-8	4-Chloroaniline	360	U
87-68-3	Hexachlorobutadiene	310	U
59-50-7	4-Chloro-3-methylphenol	240	U
91-57-6	2-Methylnaphthalene	330	U
77-47-4	Hexachlorocyclopentadiene	70	U
88-06-2	2,4,6-Trichlorophenol	230	U
	2,4,5-Trichlorophenol	260	U
91-58-7	2-Chloronaphthalene	220	U
88-74-4	2-Nitroaniline	200	U
131-11-3	Dimethylphthalate	190	U
208-96-8	Acenaphthylene	78	J
606-20-2	2,6-Dinitrotoluene	280	U
99-09-2	3-Nitroaniline	310	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

199

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3805 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3805.06

Sample wt/vol: 10.3 (g/ml) G Lab File ID: BNA00408.D

Level: (low/med) LOW Date Received: 08/12/98

% Moisture: 20.84 decanted:(Y/N) N Date Extracted: 08/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	210	U
51-28-5	2,4-Dinitrophenol	610	U
132-64-9	Dibenzofuran	230	U
100-02-7	4-Nitrophenol	560	U
121-14-2	2,4-Dinitrotoluene	230	U
84-66-2	Diethylphthalate	250	U
86-73-7	Fluorene	230	U
7005-72-3	4-Chlorophenyl-phenylether	230	U
100-01-6	4-Nitroaniline	350	U
534-52-1	4,6-Dinitro-2-methylphenol	610	U
86-30-6	n-Nitrosodiphenylamine	220	U
103-33-3	Azobenzene	230	U
101-55-3	4-Bromophenyl-phenylether	210	U
118-74-1	Hexachlorobenzene	320	U
87-86-5	Pentachlorophenol	360	U
85-01-8	Phenanthrene	260	
120-12-7	Anthracene	240	U
84-74-2	Di-n-butylphthalate	700	J
206-44-0	Fluoranthene	400	
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	560	
85-68-7	Butylbenzylphthalate	310	U
56-55-3	Benzo[a]anthracene	230	J
91-94-1	3,3'-Dichlorobenzidine	420	U
218-01-9	Chrysene	460	
117-81-7	bis(2-Ethylhexyl)phthalate	340	U
117-84-0	Di-n-octylphthalate	350	U
205-99-2	Benzo[b]fluoranthene	220	J
207-08-9	Benzo[k]fluoranthene	230	
50-32-8	Benzo[a]pyrene	240	
193-39-5	Indeno[1,2,3-cd]pyrene	250	U
53-70-3	Dibenz[a,h]anthracene	290	U
191-24-2	Benzo[g,h,i]perylene	290	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

199

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3805 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3805.06

Sample wt/vol: 10.3 (g/ml) G Lab File ID: BNA00408.D

Level: (low/med) LOW Date Received: 08/12/98

% Moisture: 20.84 decanted: (Y/N) N Date Extracted: 08/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 4 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000295-48-7	Cyclopentadecane	26.53	3700	JN
2. 000057-11-4	Octadecanoic acid	27.07	1300	JN
3. 000638-67-5	Tricosane	29.26	2600	JN
4.	unknown	29.81	1200	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

200

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3805 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3805.08

Sample wt/vol: 10.64 (g/ml) G Lab File ID: BNA00409.D

Level: (low/med) LOW Date Received: 08/12/98

% Moisture: 10.02 decanted:(Y/N) N Date Extracted: 08/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	310	U
62-75-9	N-nitroso-dimethylamine	210	U
62-53-3	Aniline	230	U
108-95-2	Phenol	350	U
111-44-4	bis(2-Chloroethyl)ether	220	U
95-57-8	2-Chlorophenol	200	U
541-73-1	1,3-Dichlorobenzene	220	U
106-46-7	1,4-Dichlorobenzene	300	U
100-51-6	Benzyl alcohol	280	U
95-50-1	1,2-Dichlorobenzene	250	U
	2-Methylphenol	210	U
108-60-1	bis(2-chloroisopropyl)ether	260	U
	4-Methylphenol	280	U
621-64-7	n-Nitroso-di-n-propylamine	250	U
67-72-1	Hexachloroethane	220	U
98-95-3	Nitrobenzene	280	U
78-59-1	Isophorone	270	U
88-75-5	2-Nitrophenol	180	U
105-67-9	2,4-Dimethylphenol	300	U
111-91-1	bis(2-Chloroethoxy)methane	120	U
120-83-2	2,4-Dichlorophenol	170	U
65-85-0	Benzoic Acid	520	U
120-82-1	1,2,4-Trichlorobenzene	270	U
91-20-3	Naphthalene	250	U
106-47-8	4-Chloroaniline	310	U
87-68-3	Hexachlorobutadiene	260	U
59-50-7	4-Chloro-3-methylphenol	200	U
91-57-6	2-Methylnaphthalene	290	U
77-47-4	Hexachlorocyclopentadiene	60	U
88-06-2	2,4,6-Trichlorophenol	200	U
	2,4,5-Trichlorophenol	220	U
91-58-7	2-Chloronaphthalene	180	U
88-74-4	2-Nitroaniline	170	U
131-11-3	Dimethylphthalate	160	U
208-96-8	Acenaphthylene	200	U
606-20-2	2,6-Dinitrotoluene	240	U
99-09-2	3-Nitroaniline	260	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

200

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3805 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3805.08

Sample wt/vol: 10.64 (g/ml) G Lab File ID: BNA00409.D

Level: (low/med) LOW Date Received: 08/12/98

% Moisture: 10.02 decanted:(Y/N) N Date Extracted: 08/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	180	U
51-28-5	2,4-Dinitrophenol	520	U
132-64-9	Dibenzofuran	190	U
100-02-7	4-Nitrophenol	480	U
121-14-2	2,4-Dinitrotoluene	190	U
84-66-2	Diethylphthalate	210	U
86-73-7	Fluorene	200	U
7005-72-3	4-Chlorophenyl-phenylether	200	U
100-01-6	4-Nitroaniline	290	U
534-52-1	4,6-Dinitro-2-methylphenol	520	U
86-30-6	n-Nitrosodiphenylamine	190	U
103-33-3	Azobenzene	200	U
101-55-3	4-Bromophenyl-phenylether	180	U
118-74-1	Hexachlorobenzene	280	U
87-86-5	Pentachlorophenol	310	U
85-01-8	Phenanthrene	200	U
120-12-7	Anthracene	200	U
84-74-2	Di-n-butylphthalate	630	J
206-44-0	Fluoranthene	170	J
92-87-5	Benzidine	950	U
129-00-0	Pyrene	260	
85-68-7	Butylbenzylphthalate	260	U
56-55-3	Benzo[a]anthracene	130	J
91-94-1	3,3'-Dichlorobenzidine	360	U
218-01-9	Chrysene	290	
117-81-7	bis(2-Ethylhexyl)phthalate	290	U
117-84-0	Di-n-octylphthalate	290	U
205-99-2	Benzo[b]fluoranthene	160	J
207-08-9	Benzo[k]fluoranthene	170	J
50-32-8	Benzo[a]pyrene	130	J
193-39-5	Indeno[1,2,3-cd]pyrene	210	U
53-70-3	Dibenz[a,h]anthracene	250	U
191-24-2	Benzo[g,h,i]perylene	250	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

200

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3805 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3805.08

Sample wt/vol: 10.64 (g/ml) G Lab File ID: BNA00409.D

Level: (low/med) LOW Date Received: 08/12/98

% Moisture: 10.02 decanted: (Y/N) N Date Extracted: 08/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 0

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

201

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3805 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3805.10

Sample wt/vol: 10.44 (g/ml) G Lab File ID: BNA00412.D

Level: (low/med) LOW Date Received: 08/12/98

% Moisture: 17.32 decanted:(Y/N) N Date Extracted: 08/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	350	U
62-75-9	N-nitroso-dimethylamine	230	U
62-53-3	Aniline	250	U
108-95-2	Phenol	390	U
111-44-4	bis(2-Chloroethyl)ether	240	U
95-57-8	2-Chlorophenol	220	U
541-73-1	1,3-Dichlorobenzene	240	U
106-46-7	1,4-Dichlorobenzene	340	U
100-51-6	Benzyl alcohol	310	U
95-50-1	1,2-Dichlorobenzene	270	U
	2-Methylphenol	240	U
108-60-1	bis(2-chloroisopropyl)ether	290	U
	4-Methylphenol	310	U
621-64-7	n-Nitroso-di-n-propylamine	280	U
67-72-1	Hexachloroethane	240	U
98-95-3	Nitrobenzene	310	U
78-59-1	Isophorone	300	U
88-75-5	2-Nitrophenol	190	U
105-67-9	2,4-Dimethylphenol	340	U
111-91-1	bis(2-Chloroethoxy)methane	140	U
120-83-2	2,4-Dichlorophenol	180	U
65-85-0	Benzoic Acid	580	U
120-82-1	1,2,4-Trichlorobenzene	300	U
91-20-3	Naphthalene	280	U
106-47-8	4-Chloroaniline	340	U
87-68-3	Hexachlorobutadiene	290	U
59-50-7	4-Chloro-3-methylphenol	230	U
91-57-6	2-Methylnaphthalene	320	U
77-47-4	Hexachlorocyclopentadiene	66	U
88-06-2	2,4,6-Trichlorophenol	220	U
	2,4,5-Trichlorophenol	240	U
91-58-7	2-Chloronaphthalene	210	U
88-74-4	2-Nitroaniline	190	U
131-11-3	Dimethylphthalate	170	U
208-96-8	Acenaphthylene	220	U
606-20-2	2,6-Dinitrotoluene	260	U
99-09-2	3-Nitroaniline	290	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

201

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3805 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3805.10

Sample wt/vol: 10.44 (g/ml) G Lab File ID: BNA00412.D

Level: (low/med) LOW Date Received: 08/12/98

% Moisture: 17.32 decanted:(Y/N) N Date Extracted: 08/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	200	U
51-28-5	2,4-Dinitrophenol	580	U
132-64-9	Dibenzofuran	220	U
100-02-7	4-Nitrophenol	530	U
121-14-2	2,4-Dinitrotoluene	220	U
84-66-2	Diethylphthalate	240	U
86-73-7	Fluorene	220	U
7005-72-3	4-Chlorophenyl-phenylether	220	U
100-01-6	4-Nitroaniline	330	U
534-52-1	4,6-Dinitro-2-methylphenol	580	U
86-30-6	n-Nitrosodiphenylamine	210	U
103-33-3	Azobenzene	220	U
101-55-3	4-Bromophenyl-phenylether	200	U
118-74-1	Hexachlorobenzene	310	U
87-86-5	Pentachlorophenol	340	U
85-01-8	Phenanthrene	1000	
120-12-7	Anthracene	280	
84-74-2	Di-n-butylphthalate	1200	
206-44-0	Fluoranthene	1100	
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	950	
85-68-7	Butylbenzylphthalate	290	U
56-55-3	Benzo[a]anthracene	470	
91-94-1	3,3'-Dichlorobenzidine	400	U
218-01-9	Chrysene	670	
117-81-7	bis(2-Ethylhexyl)phthalate	320	U
117-84-0	Di-n-octylphthalate	330	U
205-99-2	Benzo[b]fluoranthene	360	
207-08-9	Benzo[k]fluoranthene	360	
50-32-8	Benzo[a]pyrene	390	
193-39-5	Indeno[1,2,3-cd]pyrene	240	U
53-70-3	Dibenz[a,h]anthracene	280	U
191-24-2	Benzo[g,h,i]perylene	280	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

201

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3805 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3805.10

Sample wt/vol: 10.44 (g/ml) G Lab File ID: BNA00412.D

Level: (low/med) LOW Date Received: 08/12/98

% Moisture: 17.32 decanted: (Y/N) N Date Extracted: 08/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 7 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	19.53	1800	J
2. 000297-03-0	Cyclotetracosane	26.53	2400	JN
3. 000000-00-0	1-Hexacosanal	28.88	1000	JN
4. 000593-45-3	Octadecane	29.24	1400	JN
5.	unknown	29.28	3500	J
6. 000000-00-0	1-Hexacosanal	30.31	1100	JN
7. 018435-45-5	1-Nonadecene	30.83	5200	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

202

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3805 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3805.12

Sample wt/vol: 10.93 (g/ml) G Lab File ID: BNA00413.D

Level: (low/med) LOW Date Received: 08/12/98

% Moisture: 7.23 decanted:(Y/N) N Date Extracted: 08/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	290	U
62-75-9	N-nitroso-dimethylamine	200	U
62-53-3	Aniline	210	U
108-95-2	Phenol	330	U
111-44-4	bis(2-Chloroethyl)ether	210	U
95-57-8	2-Chlorophenol	190	U
541-73-1	1,3-Dichlorobenzene	200	U
106-46-7	1,4-Dichlorobenzene	290	U
100-51-6	Benzyl alcohol	260	U
95-50-1	1,2-Dichlorobenzene	230	U
	2-Methylphenol	200	U
108-60-1	bis(2-chloroisopropyl)ether	250	U
	4-Methylphenol	260	U
621-64-7	n-Nitroso-di-n-propylamine	240	U
67-72-1	Hexachloroethane	210	U
98-95-3	Nitrobenzene	260	U
78-59-1	Isophorone	250	U
88-75-5	2-Nitrophenol	170	U
105-67-9	2,4-Dimethylphenol	290	U
111-91-1	bis(2-Chloroethoxy)methane	120	U
120-83-2	2,4-Dichlorophenol	160	U
65-85-0	Benzoic Acid	490	U
120-82-1	1,2,4-Trichlorobenzene	260	U
91-20-3	Naphthalene	130	J
106-47-8	4-Chloroaniline	290	U
87-68-3	Hexachlorobutadiene	250	U
59-50-7	4-Chloro-3-methylphenol	190	U
91-57-6	2-Methylnaphthalene	270	U
77-47-4	Hexachlorocyclopentadiene	56	U
88-06-2	2,4,6-Trichlorophenol	190	U
	2,4,5-Trichlorophenol	210	U
91-58-7	2-Chloronaphthalene	170	U
88-74-4	2-Nitroaniline	160	U
131-11-3	Dimethylphthalate	150	U
208-96-8	Acenaphthylene	530	
606-20-2	2,6-Dinitrotoluene	220	U
99-09-2	3-Nitroaniline	250	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

202

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3805 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3805.12

Sample wt/vol: 10.93 (g/ml) G Lab File ID: BNA00413.D

Level: (low/med) LOW Date Received: 08/12/98

% Moisture: 7.23 decanted:(Y/N) N Date Extracted: 08/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	170	U
51-28-5	2,4-Dinitrophenol	490	U
132-64-9	Dibenzofuran	180	U
100-02-7	4-Nitrophenol	450	U
121-14-2	2,4-Dinitrotoluene	180	U
84-66-2	Diethylphthalate	200	U
86-73-7	Fluorene	190	U
7005-72-3	4-Chlorophenyl-phenylether	190	U
100-01-6	4-Nitroaniline	280	U
534-52-1	4,6-Dinitro-2-methylphenol	490	U
86-30-6	n-Nitrosodiphenylamine	180	U
103-33-3	Azobenzene	190	U
101-55-3	4-Bromophenyl-phenylether	170	U
118-74-1	Hexachlorobenzene	260	U
87-86-5	Pentachlorophenol	290	U
85-01-8	Phenanthrene	2100	
120-12-7	Anthracene	390	
84-74-2	Di-n-butylphthalate	570	J
206-44-0	Fluoranthene	4500	
92-87-5	Benzidine	890	U
129-00-0	Pyrene	5100	
85-68-7	Butylbenzylphthalate	250	U
56-55-3	Benzo[a]anthracene	2700	
91-94-1	3,3'-Dichlorobenzidine	340	U
218-01-9	Chrysene	4900	
117-81-7	bis(2-Ethylhexyl)phthalate	270	U
117-84-0	Di-n-octylphthalate	280	U
205-99-2	Benzo[b]fluoranthene	3100	
207-08-9	Benzo[k]fluoranthene	2800	
50-32-8	Benzo[a]pyrene	2900	
193-39-5	Indeno[1,2,3-cd]pyrene	2100	
53-70-3	Dibenz[a,h]anthracene	1500	
191-24-2	Benzo[g,h,i]perylene	2200	

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

202

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3805 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3805.12

Sample wt/vol: 10.93 (g/ml) G Lab File ID: BNA00413.D

Level: (low/med) LOW Date Received: 08/12/98

% Moisture: 7.23 decanted: (Y/N) N Date Extracted: 08/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 11 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 017851-53-5	1,2-Benzenedicarboxylic acid, but	19.53	990	JN
2. 000779-02-2	Anthracene, 9-methyl-	19.96	800	JN
3. 000832-64-4	Phenanthrene, 4-methyl-	20.15	900	JN
4. 003674-66-6	Phenanthrene, 2,5-dimethyl-	21.26	870	JN
5. 007704-34-9	Sulfur	21.35	2800	JN
6.	unknown	22.37	1100	J
7. 003442-78-2	Pyrene, 2-methyl-	23.11	1100	JN
8. 002381-21-7	Pyrene, 1-methyl-	23.33	1200	JN
9. 003351-28-8	Chrysene, 1-methyl-	25.90	1500	JN
10. 018435-45-5	1-Nonadecene	26.53	1300	JN
11. 000297-03-0	Cyclotetracosane	29.29	2700	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

203

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3805 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3805.14

Sample wt/vol: 10.94 (g/ml) G Lab File ID: BNA00414.D

Level: (low/med) LOW Date Received: 08/12/98

% Moisture: 7.28 decanted:(Y/N) N Date Extracted: 08/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	290	U
62-75-9	N-nitroso-dimethylamine	200	U
62-53-3	Aniline	210	U
108-95-2	Phenol	330	U
111-44-4	bis(2-Chloroethyl)ether	210	U
95-57-8	2-Chlorophenol	190	U
541-73-1	1,3-Dichlorobenzene	200	U
106-46-7	1,4-Dichlorobenzene	290	U
100-51-6	Benzyl alcohol	260	U
95-50-1	1,2-Dichlorobenzene	230	U
	2-Methylphenol	200	U
108-60-1	bis(2-chloroisopropyl)ether	250	U
	4-Methylphenol	260	U
621-64-7	n-Nitroso-di-n-propylamine	240	U
67-72-1	Hexachloroethane	210	U
98-95-3	Nitrobenzene	260	U
78-59-1	Isophorone	250	U
88-75-5	2-Nitrophenol	170	U
105-67-9	2,4-Dimethylphenol	290	U
111-91-1	bis(2-Chloroethoxy)methane	120	U
120-83-2	2,4-Dichlorophenol	160	U
65-85-0	Benzoic Acid	490	U
120-82-1	1,2,4-Trichlorobenzene	260	U
91-20-3	Naphthalene	240	U
106-47-8	4-Chloroaniline	290	U
87-68-3	Hexachlorobutadiene	250	U
59-50-7	4-Chloro-3-methylphenol	190	U
91-57-6	2-Methylnaphthalene	270	U
77-47-4	Hexachlorocyclopentadiene	56	U
88-06-2	2,4,6-Trichlorophenol	190	U
	2,4,5-Trichlorophenol	210	U
91-58-7	2-Chloronaphthalene	170	U
88-74-4	2-Nitroaniline	160	U
131-11-3	Dimethylphthalate	150	U
208-96-8	Acenaphthylene	190	U
606-20-2	2,6-Dinitrotoluene	220	U
99-09-2	3-Nitroaniline	250	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

203

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3805 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3805.14

Sample wt/vol: 10.94 (g/ml) G Lab File ID: BNA00414.D

Level: (low/med) LOW Date Received: 08/12/98

% Moisture: 7.28 decanted:(Y/N) N Date Extracted: 08/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	170	U
51-28-5	2,4-Dinitrophenol	490	U
132-64-9	Dibenzofuran	180	U
100-02-7	4-Nitrophenol	450	U
121-14-2	2,4-Dinitrotoluene	180	U
84-66-2	Diethylphthalate	200	U
86-73-7	Fluorene	190	U
7005-72-3	4-Chlorophenyl-phenylether	190	U
100-01-6	4-Nitroaniline	280	U
534-52-1	4,6-Dinitro-2-methylphenol	490	U
86-30-6	n-Nitrosodiphenylamine	180	U
103-33-3	Azobenzene	190	U
101-55-3	4-Bromophenyl-phenylether	170	U
118-74-1	Hexachlorobenzene	260	U
87-86-5	Pentachlorophenol	290	U
85-01-8	Phenanthrene	380	
120-12-7	Anthracene	190	U
84-74-2	Di-n-butylphthalate	210	J
206-44-0	Fluoranthene	510	
92-87-5	Benzidine	890	U
129-00-0	Pyrene	740	
85-68-7	Butylbenzylphthalate	250	U
56-55-3	Benzo[a]anthracene	260	
91-94-1	3,3'-Dichlorobenzidine	340	U
218-01-9	Chrysene	490	
117-81-7	bis(2-Ethylhexyl)phthalate	270	U
117-84-0	Di-n-octylphthalate	280	U
205-99-2	Benzo[b]fluoranthene	230	J
207-08-9	Benzo[k]fluoranthene	250	
50-32-8	Benzo[a]pyrene	260	
193-39-5	Indeno[1,2,3-cd]pyrene	150	J
53-70-3	Dibenz[a,h]anthracene	240	U
191-24-2	Benzo[g,h,i]perylene	140	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

203

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3805 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3805.14

Sample wt/vol: 10.94 (g/ml) G Lab File ID: BNA00414.D

Level: (low/med) LOW Date Received: 08/12/98

% Moisture: 7.28 decanted: (Y/N) N Date Extracted: 08/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 3 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000123-42-2	2-Pentanone, 4-hydroxy-4-methyl	5.13	1000	JN
2. 000295-48-7	Cyclopentadecane	26.52	1100	JN
3. 000629-96-9	1-Eicosanol	29.29	2500	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

204

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3805 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3805.16

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA00495.D

Level: (low/med) LOW Date Received: 08/12/98

% Moisture: 11 decanted:(Y/N) N Date Extracted: 08/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/03/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	340	U
62-75-9	N-nitroso-dimethylamine	220	U
62-53-3	Aniline	240	U
108-95-2	Phenol	370	U
111-44-4	bis(2-Chloroethyl)ether	240	U
95-57-8	2-Chlorophenol	210	U
541-73-1	1,3-Dichlorobenzene	230	U
106-46-7	1,4-Dichlorobenzene	330	U
100-51-6	Benzyl alcohol	300	U
95-50-1	1,2-Dichlorobenzene	270	U
	2-Methylphenol	230	U
108-60-1	bis(2-chloroisopropyl)ether	280	U
	4-Methylphenol	300	U
621-64-7	n-Nitroso-di-n-propylamine	270	U
67-72-1	Hexachloroethane	240	U
98-95-3	Nitrobenzene	300	U
78-59-1	Isophorone	290	U
88-75-5	2-Nitrophenol	190	U
105-67-9	2,4-Dimethylphenol	330	U
111-91-1	bis(2-Chloroethoxy)methane	130	U
120-83-2	2,4-Dichlorophenol	180	U
65-85-0	Benzoic Acid	560	U
120-82-1	1,2,4-Trichlorobenzene	290	U
91-20-3	Naphthalene	270	U
106-47-8	4-Chloroaniline	330	U
87-68-3	Hexachlorobutadiene	280	U
59-50-7	4-Chloro-3-methylphenol	220	U
91-57-6	2-Methylnaphthalene	310	U
77-47-4	Hexachlorocyclopentadiene	64	U
88-06-2	2,4,6-Trichlorophenol	210	U
	2,4,5-Trichlorophenol	240	U
91-58-7	2-Chloronaphthalene	200	U
88-74-4	2-Nitroaniline	190	U
131-11-3	Dimethylphthalate	170	U
208-96-8	Acenaphthylene	220	U
606-20-2	2,6-Dinitrotoluene	260	U
99-09-2	3-Nitroaniline	280	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

204

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3805 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3805.16

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA00495.D

Level: (low/med) LOW Date Received: 08/12/98

% Moisture: 11 decanted:(Y/N) N Date Extracted: 08/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/03/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	200	U
51-28-5	2,4-Dinitrophenol	560	U
132-64-9	Dibenzofuran	210	U
100-02-7	4-Nitrophenol	520	U
121-14-2	2,4-Dinitrotoluene	210	U
84-66-2	Diethylphthalate	230	U
86-73-7	Fluorene	210	U
7005-72-3	4-Chlorophenyl-phenylether	210	U
100-01-6	4-Nitroaniline	320	U
534-52-1	4,6-Dinitro-2-methylphenol	560	U
86-30-6	n-Nitrosodiphenylamine	210	U
103-33-3	Azobenzene	210	U
101-55-3	4-Bromophenyl-phenylether	190	U
118-74-1	Hexachlorobenzene	300	U
87-86-5	Pentachlorophenol	330	U
85-01-8	Phenanthrene	220	U
120-12-7	Anthracene	220	U
84-74-2	Di-n-butylphthalate	210	J
206-44-0	Fluoranthene	140	J
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	260	
85-68-7	Butylbenzylphthalate	280	U
56-55-3	Benzo[a]anthracene	120	J
91-94-1	3,3'-Dichlorobenzidine	390	U
218-01-9	Chrysene	240	J
117-81-7	bis(2-Ethylhexyl)phthalate	310	U
117-84-0	Di-n-octylphthalate	320	U
205-99-2	Benzo[b]fluoranthene	280	U
207-08-9	Benzo[k]fluoranthene	200	U
50-32-8	Benzo[a]pyrene	210	U
193-39-5	Indeno[1,2,3-cd]pyrene	230	U
53-70-3	Dibenz[a,h]anthracene	270	U
191-24-2	Benzo[g,h,i]perylene	270	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

204

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3805 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3805.16

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA00495.D

Level: (low/med) LOW Date Received: 08/12/98

% Moisture: 11 decanted: (Y/N) N Date Extracted: 08/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/03/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 074685-30-6	5-Eicosene, (E)-	24.44	2500	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

205

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3805 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3805.18

Sample wt/vol: 10.18 (g/ml) G Lab File ID: BNA00516.D

Level: (low/med) LOW Date Received: 08/12/98

% Moisture: 11.36 decanted:(Y/N) N Date Extracted: 08/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/04/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	330	U
62-75-9	N-nitroso-dimethylamine	220	U
62-53-3	Aniline	240	U
108-95-2	Phenol	370	U
111-44-4	bis(2-Chloroethyl)ether	230	U
95-57-8	2-Chlorophenol	210	U
541-73-1	1,3-Dichlorobenzene	230	U
106-46-7	1,4-Dichlorobenzene	320	U
100-51-6	Benzyl alcohol	300	U
95-50-1	1,2-Dichlorobenzene	260	U
	2-Methylphenol	230	U
108-60-1	bis(2-chloroisopropyl)ether	280	U
	4-Methylphenol	300	U
621-64-7	n-Nitroso-di-n-propylamine	270	U
67-72-1	Hexachloroethane	230	U
98-95-3	Nitrobenzene	300	U
78-59-1	Isophorone	280	U
88-75-5	2-Nitrophenol	190	U
105-67-9	2,4-Dimethylphenol	320	U
111-91-1	bis(2-Chloroethoxy)methane	130	U
120-83-2	2,4-Dichlorophenol	180	U
65-85-0	Benzoic Acid	550	U
120-82-1	1,2,4-Trichlorobenzene	290	U
91-20-3	Naphthalene	270	U
106-47-8	4-Chloroaniline	320	U
87-68-3	Hexachlorobutadiene	280	U
59-50-7	4-Chloro-3-methylphenol	220	U
91-57-6	2-Methylnaphthalene	300	U
77-47-4	Hexachlorocyclopentadiene	63	U
88-06-2	2,4,6-Trichlorophenol	210	U
	2,4,5-Trichlorophenol	230	U
91-58-7	2-Chloronaphthalene	200	U
88-74-4	2-Nitroaniline	180	U
131-11-3	Dimethylphthalate	170	U
208-96-8	Acenaphthylene	210	U
606-20-2	2,6-Dinitrotoluene	250	U
99-09-2	3-Nitroaniline	280	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

205

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3805 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3805.18

Sample wt/vol: 10.18 (g/ml) G Lab File ID: BNA00516.D

Level: (low/med) LOW Date Received: 08/12/98

% Moisture: 11.36 decanted:(Y/N) N Date Extracted: 08/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/04/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	190	U
51-28-5	2,4-Dinitrophenol	550	U
132-64-9	Dibenzofuran	210	U
100-02-7	4-Nitrophenol	510	U
121-14-2	2,4-Dinitrotoluene	210	U
84-66-2	Diethylphthalate	220	U
86-73-7	Fluorene	210	U
7005-72-3	4-Chlorophenyl-phenylether	210	U
100-01-6	4-Nitroaniline	310	U
534-52-1	4,6-Dinitro-2-methylphenol	550	U
86-30-6	n-Nitrosodiphenylamine	200	U
103-33-3	Azobenzene	210	U
101-55-3	4-Bromophenyl-phenylether	190	U
118-74-1	Hexachlorobenzene	290	U
87-86-5	Pentachlorophenol	330	U
85-01-8	Phenanthrene	210	U
120-12-7	Anthracene	210	U
84-74-2	Di-n-butylphthalate	270	J
206-44-0	Fluoranthene	210	U
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	250	U
85-68-7	Butylbenzylphthalate	280	U
56-55-3	Benzo[a]anthracene	220	U
91-94-1	3,3'-Dichlorobenzidine	380	U
218-01-9	Chrysene	280	U
117-81-7	bis(2-Ethylhexyl)phthalate	310	U
117-84-0	Di-n-octylphthalate	310	U
205-99-2	Benzo[b]fluoranthene	270	U
207-08-9	Benzo[k]fluoranthene	200	U
50-32-8	Benzo[a]pyrene	210	U
193-39-5	Indeno[1,2,3-cd]pyrene	230	U
53-70-3	Dibenz[a,h]anthracene	260	U
191-24-2	Benzo[g,h,i]perylene	260	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

205

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3805 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3805.18

Sample wt/vol: 10.18 (g/ml) G Lab File ID: BNA00516.D

Level: (low/med) LOW Date Received: 08/12/98

% Moisture: 11.36 decanted: (Y/N) N Date Extracted: 08/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/04/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 007704-34-9	Sulfur	20.67	980	JN
2. 074685-30-6	5-Eicosene, (E)-	24.42	1800	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

206

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3805 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3805.20

Sample wt/vol: 10.52 (g/ml) G Lab File ID: BNA00417.D

Level: (low/med) LOW Date Received: 08/12/98

% Moisture: 17.31 decanted:(Y/N) N Date Extracted: 08/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	340	U
62-75-9	N-nitroso-dimethylamine	230	U
62-53-3	Aniline	250	U
108-95-2	Phenol	380	U
111-44-4	bis(2-Chloroethyl)ether	240	U
95-57-8	2-Chlorophenol	220	U
541-73-1	1,3-Dichlorobenzene	240	U
106-46-7	1,4-Dichlorobenzene	340	U
100-51-6	Benzyl alcohol	310	U
95-50-1	1,2-Dichlorobenzene	270	U
	2-Methylphenol	240	U
108-60-1	bis(2-chloroisopropyl)ether	290	U
	4-Methylphenol	310	U
621-64-7	n-Nitroso-di-n-propylamine	280	U
67-72-1	Hexachloroethane	240	U
98-95-3	Nitrobenzene	310	U
78-59-1	Isophorone	290	U
88-75-5	2-Nitrophenol	190	U
105-67-9	2,4-Dimethylphenol	340	U
111-91-1	bis(2-Chloroethoxy)methane	140	U
120-83-2	2,4-Dichlorophenol	180	U
65-85-0	Benzoic Acid	570	U
120-82-1	1,2,4-Trichlorobenzene	300	U
91-20-3	Naphthalene	280	U
106-47-8	4-Chloroaniline	340	U
87-68-3	Hexachlorobutadiene	290	U
59-50-7	4-Chloro-3-methylphenol	220	U
91-57-6	2-Methylnaphthalene	310	U
77-47-4	Hexachlorocyclopentadiene	66	U
88-06-2	2,4,6-Trichlorophenol	220	U
	2,4,5-Trichlorophenol	240	U
91-58-7	2-Chloronaphthalene	200	U
88-74-4	2-Nitroaniline	190	U
131-11-3	Dimethylphthalate	170	U
208-96-8	Acenaphthylene	220	U
606-20-2	2,6-Dinitrotoluene	260	U
99-09-2	3-Nitroaniline	290	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

206

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3805 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3805.20

Sample wt/vol: 10.52 (g/ml) G Lab File ID: BNA00417.D

Level: (low/med) LOW Date Received: 08/12/98

% Moisture: 17.31 decanted:(Y/N) N Date Extracted: 08/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	200	U
51-28-5	2,4-Dinitrophenol	570	U
132-64-9	Dibenzofuran	210	U
100-02-7	4-Nitrophenol	530	U
121-14-2	2,4-Dinitrotoluene	210	U
84-66-2	Diethylphthalate	230	U
86-73-7	Fluorene	220	U
7005-72-3	4-Chlorophenyl-phenylether	220	U
100-01-6	4-Nitroaniline	320	U
534-52-1	4,6-Dinitro-2-methylphenol	570	U
86-30-6	n-Nitrosodiphenylamine	210	U
103-33-3	Azobenzene	220	U
101-55-3	4-Bromophenyl-phenylether	200	U
118-74-1	Hexachlorobenzene	300	U
87-86-5	Pentachlorophenol	340	U
85-01-8	Phenanthrene	220	U
120-12-7	Anthracene	220	U
84-74-2	Di-n-butylphthalate	240	J
206-44-0	Fluoranthene	220	U
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	260	U
85-68-7	Butylbenzylphthalate	290	U
56-55-3	Benzo[a]anthracene	230	U
91-94-1	3,3'-Dichlorobenzidine	400	U
218-01-9	Chrysene	290	U
117-81-7	bis(2-Ethylhexyl)phthalate	320	U
117-84-0	Di-n-octylphthalate	320	U
205-99-2	Benzo[b]fluoranthene	280	U
207-08-9	Benzo[k]fluoranthene	210	U
50-32-8	Benzo[a]pyrene	210	U
193-39-5	Indeno[1,2,3-cd]pyrene	230	U
53-70-3	Dibenz[a,h]anthracene	270	U
191-24-2	Benzo[g,h,i]perylene	270	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

206

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3805 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3805.20

Sample wt/vol: 10.52 (g/ml) G Lab File ID: BNA00417.D

Level: (low/med) LOW Date Received: 08/12/98

% Moisture: 17.31 decanted: (Y/N) N Date Extracted: 08/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 3 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 074685-30-6	5-Eicosene, (E)-	25.01	7900	JN
2. 000297-03-0	Cyclotetracosane	26.52	1000	JN
3. 018435-45-5	1-Nonadecene	27.95	1500	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

207

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3805 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3805.22

Sample wt/vol: 10.43 (g/ml) G Lab File ID: BNA00517.D

Level: (low/med) LOW Date Received: 08/12/98

% Moisture: 13.47 decanted:(Y/N) N Date Extracted: 08/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/04/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	330	U
62-75-9	N-nitroso-dimethylamine	220	U
62-53-3	Aniline	240	U
108-95-2	Phenol	370	U
111-44-4	bis(2-Chloroethyl)ether	230	U
95-57-8	2-Chlorophenol	210	U
541-73-1	1,3-Dichlorobenzene	230	U
106-46-7	1,4-Dichlorobenzene	320	U
100-51-6	Benzyl alcohol	300	U
95-50-1	1,2-Dichlorobenzene	260	U
	2-Methylphenol	230	U
108-60-1	bis(2-chloroisopropyl)ether	280	U
	4-Methylphenol	300	U
621-64-7	n-Nitroso-di-n-propylamine	270	U
67-72-1	Hexachloroethane	230	U
98-95-3	Nitrobenzene	300	U
78-59-1	Isophorone	280	U
88-75-5	2-Nitrophenol	190	U
105-67-9	2,4-Dimethylphenol	320	U
111-91-1	bis(2-Chloroethoxy)methane	130	U
120-83-2	2,4-Dichlorophenol	180	U
65-85-0	Benzoic Acid	550	U
120-82-1	1,2,4-Trichlorobenzene	290	U
91-20-3	Naphthalene	270	U
106-47-8	4-Chloroaniline	320	U
87-68-3	Hexachlorobutadiene	280	U
59-50-7	4-Chloro-3-methylphenol	220	U
91-57-6	2-Methylnaphthalene	300	U
77-47-4	Hexachlorocyclopentadiene	63	U
88-06-2	2,4,6-Trichlorophenol	210	U
	2,4,5-Trichlorophenol	230	U
91-58-7	2-Chloronaphthalene	200	U
88-74-4	2-Nitroaniline	180	U
131-11-3	Dimethylphthalate	170	U
208-96-8	Acenaphthylene	210	U
606-20-2	2,6-Dinitrotoluene	250	U
99-09-2	3-Nitroaniline	280	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

207

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3805 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3805.22

Sample wt/vol: 10.43 (g/ml) G Lab File ID: BNA00517.D

Level: (low/med) LOW Date Received: 08/12/98

% Moisture: 13.47 decanted:(Y/N) N Date Extracted: 08/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/04/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	190	U
51-28-5	2,4-Dinitrophenol	550	U
132-64-9	Dibenzofuran	210	U
100-02-7	4-Nitrophenol	510	U
121-14-2	2,4-Dinitrotoluene	210	U
84-66-2	Diethylphthalate	220	U
86-73-7	Fluorene	210	U
7005-72-3	4-Chlorophenyl-phenylether	210	U
100-01-6	4-Nitroaniline	310	U
534-52-1	4,6-Dinitro-2-methylphenol	550	U
86-30-6	n-Nitrosodiphenylamine	200	U
103-33-3	Azobenzene	210	U
101-55-3	4-Bromophenyl-phenylether	190	U
118-74-1	Hexachlorobenzene	290	U
87-86-5	Pentachlorophenol	330	U
85-01-8	Phenanthrene	210	U
120-12-7	Anthracene	210	U
84-74-2	Di-n-butylphthalate	920	U
206-44-0	Fluoranthene	210	U
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	250	U
85-68-7	Butylbenzylphthalate	280	U
56-55-3	Benzo[a]anthracene	220	U
91-94-1	3,3'-Dichlorobenzidine	380	U
218-01-9	Chrysene	280	U
117-81-7	bis(2-Ethylhexyl)phthalate	310	U
117-84-0	Di-n-octylphthalate	310	U
205-99-2	Benzo[b]fluoranthene	270	U
207-08-9	Benzo[k]fluoranthene	200	U
50-32-8	Benzo[a]pyrene	210	U
193-39-5	Indeno[1,2,3-cd]pyrene	230	U
53-70-3	Dibenz[a,h]anthracene	260	U
191-24-2	Benzo[g,h,i]perylene	260	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

207

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3805 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3805.22

Sample wt/vol: 10.43 (g/ml) G Lab File ID: BNA00517.D

Level: (low/med) LOW Date Received: 08/12/98

% Moisture: 13.47 decanted: (Y/N) N Date Extracted: 08/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/04/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 0

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

208

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3805 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3805.24

Sample wt/vol: 10.61 (g/ml) G Lab File ID: BNA00518.D

Level: (low/med) LOW Date Received: 08/12/98

% Moisture: 20.4 decanted:(Y/N) N Date Extracted: 08/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/04/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	350	U
62-75-9	N-nitroso-dimethylamine	240	U
62-53-3	Aniline	260	U
108-95-2	Phenol	390	U
111-44-4	bis(2-Chloroethyl)ether	250	U
95-57-8	2-Chlorophenol	230	U
541-73-1	1,3-Dichlorobenzene	250	U
106-46-7	1,4-Dichlorobenzene	350	U
100-51-6	Benzyl alcohol	320	U
95-50-1	1,2-Dichlorobenzene	280	U
	2-Methylphenol	240	U
108-60-1	bis(2-chloroisopropyl)ether	300	U
	4-Methylphenol	320	U
621-64-7	n-Nitroso-di-n-propylamine	290	U
67-72-1	Hexachloroethane	250	U
98-95-3	Nitrobenzene	320	U
78-59-1	Isophorone	300	U
88-75-5	2-Nitrophenol	200	U
105-67-9	2,4-Dimethylphenol	350	U
111-91-1	bis(2-Chloroethoxy)methane	140	U
120-83-2	2,4-Dichlorophenol	190	U
65-85-0	Benzoic Acid	590	U
120-82-1	1,2,4-Trichlorobenzene	310	U
91-20-3	Naphthalene	290	U
106-47-8	4-Chloroaniline	350	U
87-68-3	Hexachlorobutadiene	290	U
59-50-7	4-Chloro-3-methylphenol	230	U
91-57-6	2-Methylnaphthalene	320	U
77-47-4	Hexachlorocyclopentadiene	67	U
88-06-2	2,4,6-Trichlorophenol	220	U
	2,4,5-Trichlorophenol	250	U
91-58-7	2-Chloronaphthalene	210	U
88-74-4	2-Nitroaniline	200	U
131-11-3	Dimethylphthalate	180	U
208-96-8	Acenaphthylene	230	U
606-20-2	2,6-Dinitrotoluene	270	U
99-09-2	3-Nitroaniline	300	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

208

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3805 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3805.24

Sample wt/vol: 10.61 (g/ml) G Lab File ID: BNA00518.D

Level: (low/med) LOW Date Received: 08/12/98

% Moisture: 20.4 decanted:(Y/N) N Date Extracted: 08/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/04/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	210	U
51-28-5	2,4-Dinitrophenol	590	U
132-64-9	Dibenzofuran	220	U
100-02-7	4-Nitrophenol	540	U
121-14-2	2,4-Dinitrotoluene	220	U
84-66-2	Diethylphthalate	240	U
86-73-7	Fluorene	230	U
7005-72-3	4-Chlorophenyl-phenylether	220	U
100-01-6	4-Nitroaniline	330	U
534-52-1	4,6-Dinitro-2-methylphenol	590	U
86-30-6	n-Nitrosodiphenylamine	220	U
103-33-3	Azobenzene	230	U
101-55-3	4-Bromophenyl-phenylether	200	U
118-74-1	Hexachlorobenzene	310	U
87-86-5	Pentachlorophenol	350	U
85-01-8	Phenanthrene	230	U
120-12-7	Anthracene	230	U
84-74-2	Di-n-butylphthalate	250	J
206-44-0	Fluoranthene	230	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	270	U
85-68-7	Butylbenzylphthalate	300	U
56-55-3	Benzo[a]anthracene	230	U
91-94-1	3,3'-Dichlorobenzidine	410	U
218-01-9	Chrysene	300	U
117-81-7	bis(2-Ethylhexyl)phthalate	330	U
117-84-0	Di-n-octylphthalate	330	U
205-99-2	Benzo[b]fluoranthene	290	U
207-08-9	Benzo[k]fluoranthene	220	U
50-32-8	Benzo[a]pyrene	220	U
193-39-5	Indeno[1,2,3-cd]pyrene	240	U
53-70-3	Dibenz[a,h]anthracene	280	U
191-24-2	Benzo[g,h,i]perylene	280	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

208

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3805 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3805.24

Sample wt/vol: 10.61 (g/ml) G Lab File ID: BNA00518.D

Level: (low/med) LOW Date Received: 08/12/98

% Moisture: 20.4 decanted: (Y/N) N Date Extracted: 08/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/04/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000629-96-9	1-Eicosanol	24.43	2200	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

209

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3805 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3805.26

Sample wt/vol: 10.56 (g/ml) G Lab File ID: BNA00420.D

Level: (low/med) LOW Date Received: 08/12/98

% Moisture: 3.31 decanted:(Y/N) N Date Extracted: 08/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	290	U
62-75-9	N-nitroso-dimethylamine	200	U
62-53-3	Aniline	210	U
108-95-2	Phenol	330	U
111-44-4	bis(2-Chloroethyl)ether	210	U
95-57-8	2-Chlorophenol	190	U
541-73-1	1,3-Dichlorobenzene	200	U
106-46-7	1,4-Dichlorobenzene	290	U
100-51-6	Benzyl alcohol	260	U
95-50-1	1,2-Dichlorobenzene	230	U
	2-Methylphenol	200	U
108-60-1	bis(2-chloroisopropyl)ether	250	U
	4-Methylphenol	260	U
621-64-7	n-Nitroso-di-n-propylamine	240	U
67-72-1	Hexachloroethane	210	U
98-95-3	Nitrobenzene	260	U
78-59-1	Isophorone	250	U
88-75-5	2-Nitrophenol	160	U
105-67-9	2,4-Dimethylphenol	290	U
111-91-1	bis(2-Chloroethoxy)methane	120	U
120-83-2	2,4-Dichlorophenol	150	U
65-85-0	Benzoic Acid	490	U
120-82-1	1,2,4-Trichlorobenzene	260	U
91-20-3	Naphthalene	120	J
106-47-8	4-Chloroaniline	290	U
87-68-3	Hexachlorobutadiene	240	U
59-50-7	4-Chloro-3-methylphenol	190	U
91-57-6	2-Methylnaphthalene	120	J
77-47-4	Hexachlorocyclopentadiene	56	U
88-06-2	2,4,6-Trichlorophenol	180	U
	2,4,5-Trichlorophenol	210	U
91-58-7	2-Chloronaphthalene	170	U
88-74-4	2-Nitroaniline	160	U
131-11-3	Dimethylphthalate	150	U
208-96-8	Acenaphthylene	260	
606-20-2	2,6-Dinitrotoluene	220	U
99-09-2	3-Nitroaniline	250	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

209

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3805 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3805.26

Sample wt/vol: 10.56 (g/ml) G Lab File ID: BNA00420.D

Level: (low/med) LOW Date Received: 08/12/98

% Moisture: 3.31 decanted:(Y/N) N Date Extracted: 08/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	170	U
51-28-5	2,4-Dinitrophenol	490	U
132-64-9	Dibenzofuran	180	U
100-02-7	4-Nitrophenol	450	U
121-14-2	2,4-Dinitrotoluene	180	U
84-66-2	Diethylphthalate	200	U
86-73-7	Fluorene	190	U
7005-72-3	4-Chlorophenyl-phenylether	180	U
100-01-6	4-Nitroaniline	280	U
534-52-1	4,6-Dinitro-2-methylphenol	490	U
86-30-6	n-Nitrosodiphenylamine	180	U
103-33-3	Azobenzene	190	U
101-55-3	4-Bromophenyl-phenylether	170	U
118-74-1	Hexachlorobenzene	260	U
87-86-5	Pentachlorophenol	290	U
85-01-8	Phenanthrene	760	
120-12-7	Anthracene	200	
84-74-2	Di-n-butylphthalate	540	J
206-44-0	Fluoranthene	1400	
92-87-5	Benzidine	890	U
129-00-0	Pyrene	1100	
85-68-7	Butylbenzylphthalate	250	U
56-55-3	Benzo[a]anthracene	190	U
91-94-1	3,3'-Dichlorobenzidine	340	U
218-01-9	Chrysene	250	U
117-81-7	bis(2-Ethylhexyl)phthalate	270	U
117-84-0	Di-n-octylphthalate	280	U
205-99-2	Benzo[b]fluoranthene	530	
207-08-9	Benzo[k]fluoranthene	180	U
50-32-8	Benzo[a]pyrene	400	
193-39-5	Indeno[1,2,3-cd]pyrene	190	J
53-70-3	Dibenz[a,h]anthracene	170	J
191-24-2	Benzo[g,h,i]perylene	190	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

209

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3805 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3805.26

Sample wt/vol: 10.56 (g/ml) G Lab File ID: BNA00420.D

Level: (low/med) LOW Date Received: 08/12/98

% Moisture: 3.31 decanted: (Y/N) N Date Extracted: 08/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 0

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

210

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3805 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3805.28

Sample wt/vol: 10.81 (g/ml) G Lab File ID: BNA00519.D

Level: (low/med) LOW Date Received: 08/12/98

% Moisture: 5.61 decanted:(Y/N) N Date Extracted: 08/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/04/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	290	U
62-75-9	N-nitroso-dimethylamine	200	U
62-53-3	Aniline	210	U
108-95-2	Phenol	330	U
111-44-4	bis(2-Chloroethyl)ether	210	U
95-57-8	2-Chlorophenol	190	U
541-73-1	1,3-Dichlorobenzene	200	U
106-46-7	1,4-Dichlorobenzene	290	U
100-51-6	Benzyl alcohol	260	U
95-50-1	1,2-Dichlorobenzene	230	U
	2-Methylphenol	200	U
108-60-1	bis(2-chloroisopropyl)ether	250	U
	4-Methylphenol	260	U
621-64-7	n-Nitroso-di-n-propylamine	240	U
67-72-1	Hexachloroethane	210	U
98-95-3	Nitrobenzene	260	U
78-59-1	Isophorone	250	U
88-75-5	2-Nitrophenol	160	U
105-67-9	2,4-Dimethylphenol	290	U
111-91-1	bis(2-Chloroethoxy)methane	120	U
120-83-2	2,4-Dichlorophenol	150	U
65-85-0	Benzoic Acid	490	U
120-82-1	1,2,4-Trichlorobenzene	260	U
91-20-3	Naphthalene	240	U
106-47-8	4-Chloroaniline	290	U
87-68-3	Hexachlorobutadiene	240	U
59-50-7	4-Chloro-3-methylphenol	190	U
91-57-6	2-Methylnaphthalene	270	U
77-47-4	Hexachlorocyclopentadiene	56	U
88-06-2	2,4,6-Trichlorophenol	180	U
	2,4,5-Trichlorophenol	210	U
91-58-7	2-Chloronaphthalene	170	U
88-74-4	2-Nitroaniline	160	U
131-11-3	Dimethylphthalate	150	U
208-96-8	Acenaphthylene	190	U
606-20-2	2,6-Dinitrotoluene	220	U
99-09-2	3-Nitroaniline	250	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

210

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3805 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3805.28

Sample wt/vol: 10.81 (g/ml) G Lab File ID: BNA00519.D

Level: (low/med) LOW Date Received: 08/12/98

% Moisture: 5.61 decanted:(Y/N) N Date Extracted: 08/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/04/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	170	U
51-28-5	2,4-Dinitrophenol	490	U
132-64-9	Dibenzofuran	180	U
100-02-7	4-Nitrophenol	450	U
121-14-2	2,4-Dinitrotoluene	180	U
84-66-2	Diethylphthalate	200	U
86-73-7	Fluorene	190	U
7005-72-3	4-Chlorophenyl-phenylether	180	U
100-01-6	4-Nitroaniline	280	U
534-52-1	4,6-Dinitro-2-methylphenol	490	U
86-30-6	n-Nitrosodiphenylamine	60	J
103-33-3	Azobenzene	190	U
101-55-3	4-Bromophenyl-phenylether	170	U
118-74-1	Hexachlorobenzene	260	U
87-86-5	Pentachlorophenol	290	U
85-01-8	Phenanthrene	190	U
120-12-7	Anthracene	190	U
84-74-2	Di-n-butylphthalate	840	
206-44-0	Fluoranthene	190	J
92-87-5	Benzidine	890	U
129-00-0	Pyrene	260	
85-68-7	Butylbenzylphthalate	250	U
56-55-3	Benzo[a]anthracene	110	J
91-94-1	3,3'-Dichlorobenzidine	340	U
218-01-9	Chrysene	240	J
117-81-7	bis(2-Ethylhexyl)phthalate	270	U
117-84-0	Di-n-octylphthalate	280	U
205-99-2	Benzo[b]fluoranthene	240	U
207-08-9	Benzo[k]fluoranthene	180	U
50-32-8	Benzo[a]pyrene	180	U
193-39-5	Indeno[1,2,3-cd]pyrene	200	U
53-70-3	Dibenz[a,h]anthracene	230	U
191-24-2	Benzo[g,h,i]perylene	230	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

210

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3805 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3805.28

Sample wt/vol: 10.81 (g/ml) G Lab File ID: BNA00519.D

Level: (low/med) LOW Date Received: 08/12/98

% Moisture: 5.61 decanted: (Y/N) N Date Extracted: 08/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/04/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 2

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.96	1400	JN
2. 074685-30-6	5-Eicosene, (E)-	24.43	2000	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

211

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3805 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3805.30

Sample wt/vol: 10.2 (g/ml) G Lab File ID: BNA00520.D

Level: (low/med) LOW Date Received: 08/12/98

% Moisture: 4.9 decanted:(Y/N) N Date Extracted: 08/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/04/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	310	U
62-75-9	N-nitroso-dimethylamine	210	U
62-53-3	Aniline	220	U
108-95-2	Phenol	340	U
111-44-4	bis(2-Chloroethyl)ether	220	U
95-57-8	2-Chlorophenol	200	U
541-73-1	1,3-Dichlorobenzene	210	U
106-46-7	1,4-Dichlorobenzene	300	U
100-51-6	Benzyl alcohol	280	U
95-50-1	1,2-Dichlorobenzene	240	U
	2-Methylphenol	210	U
108-60-1	bis(2-chloroisopropyl)ether	260	U
	4-Methylphenol	280	U
621-64-7	n-Nitroso-di-n-propylamine	250	U
67-72-1	Hexachloroethane	220	U
98-95-3	Nitrobenzene	280	U
78-59-1	Isophorone	260	U
88-75-5	2-Nitrophenol	170	U
105-67-9	2,4-Dimethylphenol	300	U
111-91-1	bis(2-Chloroethoxy)methane	120	U
120-83-2	2,4-Dichlorophenol	160	U
65-85-0	Benzoic Acid	520	U
120-82-1	1,2,4-Trichlorobenzene	270	U
91-20-3	Naphthalene	250	U
106-47-8	4-Chloroaniline	300	U
87-68-3	Hexachlorobutadiene	260	U
59-50-7	4-Chloro-3-methylphenol	200	U
91-57-6	2-Methylnaphthalene	280	U
77-47-4	Hexachlorocyclopentadiene	59	U
88-06-2	2,4,6-Trichlorophenol	190	U
	2,4,5-Trichlorophenol	220	U
91-58-7	2-Chloronaphthalene	180	U
88-74-4	2-Nitroaniline	170	U
131-11-3	Dimethylphthalate	160	U
208-96-8	Acenaphthylene	200	U
606-20-2	2,6-Dinitrotoluene	240	U
99-09-2	3-Nitroaniline	260	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

211

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3805 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3805.30

Sample wt/vol: 10.2 (g/ml) G Lab File ID: BNA00520.D

Level: (low/med) LOW Date Received: 08/12/98

% Moisture: 4.9 decanted:(Y/N) N Date Extracted: 08/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/04/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	180	U
51-28-5	2,4-Dinitrophenol	520	U
132-64-9	Dibenzofuran	190	U
100-02-7	4-Nitrophenol	470	U
121-14-2	2,4-Dinitrotoluene	190	U
84-66-2	Diethylphthalate	210	U
86-73-7	Fluorene	200	U
7005-72-3	4-Chlorophenyl-phenylether	190	U
100-01-6	4-Nitroaniline	290	U
534-52-1	4,6-Dinitro-2-methylphenol	520	U
86-30-6	n-Nitrosodiphenylamine	190	U
103-33-3	Azobenzene	200	U
101-55-3	4-Bromophenyl-phenylether	180	U
118-74-1	Hexachlorobenzene	270	U
87-86-5	Pentachlorophenol	300	U
85-01-8	Phenanthrene	150	J
120-12-7	Anthracene	200	U
84-74-2	Di-n-butylphthalate	580	J
206-44-0	Fluoranthene	160	J
92-87-5	Benzidine	930	U
129-00-0	Pyrene	270	
85-68-7	Butylbenzylphthalate	260	U
56-55-3	Benzo[a]anthracene	200	U
91-94-1	3,3'-Dichlorobenzidine	350	U
218-01-9	Chrysene	260	U
117-81-7	bis(2-Ethylhexyl)phthalate	290	U
117-84-0	Di-n-octylphthalate	290	U
205-99-2	Benzo[b]fluoranthene	250	U
207-08-9	Benzo[k]fluoranthene	190	U
50-32-8	Benzo[a]pyrene	190	U
193-39-5	Indeno[1,2,3-cd]pyrene	210	U
53-70-3	Dibenz[a,h]anthracene	250	U
191-24-2	Benzo[g,h,i]perylene	250	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

211

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3805 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3805.30

Sample wt/vol: 10.2 (g/ml) G Lab File ID: BNA00520.D

Level: (low/med) LOW Date Received: 08/12/98

% Moisture: 4.9 decanted: (Y/N) N Date Extracted: 08/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/04/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 2

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	18.96	1100	J
2. 000112-92-5	1-Octadecanol	24.43	2300	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

212

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3809 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3809.02

Sample wt/vol: 10.08 (g/ml) G Lab File ID: BNA00543.D

Level: (low/med) LOW Date Received: 08/13/98

% Moisture: 16.23 decanted:(Y/N) N Date Extracted: 08/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/10/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1200	U
62-75-9	N-nitroso-dimethylamine	1200	U
62-53-3	Aniline	1200	U
108-95-2	Phenol	1200	U
111-44-4	bis(2-Chloroethyl)ether	1200	U
95-57-8	2-Chlorophenol	1200	U
541-73-1	1,3-Dichlorobenzene	1200	U
106-46-7	1,4-Dichlorobenzene	1200	U
100-51-6	Benzyl alcohol	1200	U
95-50-1	1,2-Dichlorobenzene	1200	U
	2-Methylphenol	1200	U
108-60-1	bis(2-chloroisopropyl)ether	1200	U
	4-Methylphenol	1200	U
621-64-7	n-Nitroso-di-n-propylamine	1200	U
67-72-1	Hexachloroethane	1200	U
98-95-3	Nitrobenzene	1200	U
78-59-1	Isophorone	1200	U
88-75-5	2-Nitrophenol	1200	U
105-67-9	2,4-Dimethylphenol	1200	U
111-91-1	bis(2-Chloroethoxy)methane	1200	U
120-83-2	2,4-Dichlorophenol	1200	U
65-85-0	Benzoic Acid	1200	U
120-82-1	1,2,4-Trichlorobenzene	1200	U
91-20-3	Naphthalene	1200	U
106-47-8	4-Chloroaniline	1200	U
87-68-3	Hexachlorobutadiene	1200	U
59-50-7	4-Chloro-3-methylphenol	1200	U
91-57-6	2-Methylnaphthalene	1200	U
77-47-4	Hexachlorocyclopentadiene	1200	U
88-06-2	2,4,6-Trichlorophenol	1200	U
	2,4,5-Trichlorophenol	1200	U
91-58-7	2-Chloronaphthalene	1200	U
88-74-4	2-Nitroaniline	1200	U
131-11-3	Dimethylphthalate	1200	U
208-96-8	Acenaphthylene	1200	U
606-20-2	2,6-Dinitrotoluene	1200	U
99-09-2	3-Nitroaniline	1200	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

212

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3809 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3809.02

Sample wt/vol: 10.08 (g/ml) G Lab File ID: BNA00543.D

Level: (low/med) LOW Date Received: 08/13/98

% Moisture: 16.23 decanted:(Y/N) N Date Extracted: 08/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/10/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1200	U
51-28-5	2,4-Dinitrophenol	1200	U
132-64-9	Dibenzofuran	1200	U
100-02-7	4-Nitrophenol	1200	U
121-14-2	2,4-Dinitrotoluene	1200	U
84-66-2	Diethylphthalate	1200	U
86-73-7	Fluorene	1200	U
7005-72-3	4-Chlorophenyl-phenylether	1200	U
100-01-6	4-Nitroaniline	1200	U
534-52-1	4,6-Dinitro-2-methylphenol	1200	U
86-30-6	n-Nitrosodiphenylamine	1200	U
103-33-3	Azobenzene	1200	U
101-55-3	4-Bromophenyl-phenylether	1200	U
118-74-1	Hexachlorobenzene	1200	U
87-86-5	Pentachlorophenol	1200	U
85-01-8	Phenanthrene	140	J
120-12-7	Anthracene	1200	U
84-74-2	Di-n-butylphthalate	330	JB
206-44-0	Fluoranthene	370	J
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	400	J
85-68-7	Butylbenzylphthalate	1200	U
56-55-3	Benzo[a]anthracene	230	J
91-94-1	3,3'-Dichlorobenzidine	1200	U
218-01-9	Chrysene	360	J
117-81-7	bis(2-Ethylhexyl)phthalate	1200	U
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo[b]fluoranthene	180	J
207-08-9	Benzo[k]fluoranthene	220	J
50-32-8	Benzo[a]pyrene	200	J
193-39-5	Indeno[1,2,3-cd]pyrene	120	J
53-70-3	Dibenz[a,h]anthracene	1200	U
191-24-2	Benzo[g,h,i]perylene	210	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

212

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3809 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3809.02

Sample wt/vol: 10.08 (g/ml) G Lab File ID: BNA00543.D

Level: (low/med) LOW Date Received: 08/13/98

% Moisture: 16.23 decanted: (Y/N) N Date Extracted: 08/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/10/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 1

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000057-11-4	Octadecanoic acid	21.70	1200	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

213

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3809 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3809.04

Sample wt/vol: 10.52 (g/ml) G Lab File ID: BNA00544.D

Level: (low/med) LOW Date Received: 08/13/98

% Moisture: 21.6 decanted:(Y/N) N Date Extracted: 08/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/10/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1200	U
62-75-9	N-nitroso-dimethylamine	1200	U
62-53-3	Aniline	1200	U
108-95-2	Phenol	1200	U
111-44-4	bis(2-Chloroethyl)ether	1200	U
95-57-8	2-Chlorophenol	1200	U
541-73-1	1,3-Dichlorobenzene	1200	U
106-46-7	1,4-Dichlorobenzene	1200	U
100-51-6	Benzyl alcohol	1200	U
95-50-1	1,2-Dichlorobenzene	1200	U
	2-Methylphenol	1200	U
108-60-1	bis(2-chloroisopropyl)ether	1200	U
	4-Methylphenol	1200	U
621-64-7	n-Nitroso-di-n-propylamine	1200	U
67-72-1	Hexachloroethane	1200	U
98-95-3	Nitrobenzene	1200	U
78-59-1	Isophorone	1200	U
88-75-5	2-Nitrophenol	1200	U
105-67-9	2,4-Dimethylphenol	1200	U
111-91-1	bis(2-Chloroethoxy)methane	1200	U
120-83-2	2,4-Dichlorophenol	1200	U
65-85-0	Benzoic Acid	1200	U
120-82-1	1,2,4-Trichlorobenzene	1200	U
91-20-3	Naphthalene	1200	U
106-47-8	4-Chloroaniline	1200	U
87-68-3	Hexachlorobutadiene	1200	U
59-50-7	4-Chloro-3-methylphenol	1200	U
91-57-6	2-Methylnaphthalene	1200	U
77-47-4	Hexachlorocyclopentadiene	1200	U
88-06-2	2,4,6-Trichlorophenol	1200	U
	2,4,5-Trichlorophenol	1200	U
91-58-7	2-Chloronaphthalene	1200	U
88-74-4	2-Nitroaniline	1200	U
131-11-3	Dimethylphthalate	1200	U
208-96-8	Acenaphthylene	1200	U
606-20-2	2,6-Dinitrotoluene	1200	U
99-09-2	3-Nitroaniline	1200	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

213

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3809 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3809.04

Sample wt/vol: 10.52 (g/ml) G Lab File ID: BNA00544.D

Level: (low/med) LOW Date Received: 08/13/98

% Moisture: 21.6 decanted:(Y/N) N Date Extracted: 08/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/10/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1200	U
51-28-5	2,4-Dinitrophenol	1200	U
132-64-9	Dibenzofuran	1200	U
100-02-7	4-Nitrophenol	1200	U
121-14-2	2,4-Dinitrotoluene	1200	U
84-66-2	Diethylphthalate	1200	U
86-73-7	Fluorene	1200	U
7005-72-3	4-Chlorophenyl-phenylether	1200	U
100-01-6	4-Nitroaniline	1200	U
534-52-1	4,6-Dinitro-2-methylphenol	1200	U
86-30-6	n-Nitrosodiphenylamine	1200	U
103-33-3	Azobenzene	1200	U
101-55-3	4-Bromophenyl-phenylether	1200	U
118-74-1	Hexachlorobenzene	1200	U
87-86-5	Pentachlorophenol	1200	U
85-01-8	Phenanthrene	280	J
120-12-7	Anthracene	1200	U
84-74-2	Di-n-butylphthalate	670	JB
206-44-0	Fluoranthene	370	J
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	560	J
85-68-7	Butylbenzylphthalate	1200	U
56-55-3	Benzo[a]anthracene	200	J
91-94-1	3,3'-Dichlorobenzidine	1200	U
218-01-9	Chrysene	460	J
117-81-7	bis(2-Ethylhexyl)phthalate	1200	U
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo[b]fluoranthene	190	J
207-08-9	Benzo[k]fluoranthene	240	J
50-32-8	Benzo[a]pyrene	220	J
193-39-5	Indeno[1,2,3-cd]pyrene	140	J
53-70-3	Dibenz[a,h]anthracene	1200	U
191-24-2	Benzo[g,h,i]perylene	1200	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

213

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3809 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3809.04

Sample wt/vol: 10.52 (g/ml) G Lab File ID: BNA00544.D

Level: (low/med) LOW Date Received: 08/13/98

% Moisture: 21.6 decanted: (Y/N) N Date Extracted: 08/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/10/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 6 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 017851-53-5	1,2-Benzenedicarboxylic acid, but	18.95	1200	JN
2. 000072-54-8	1,1-Dichloro-2,2-bis(p-chlorophen	22.74	1300	JN
3. 000000-00-0	1-Hexacosanal	26.94	2400	JN
4. 000112-95-8	Eicosane	27.35	2200	JN
5. 056554-87-1	16-Octadecenal	28.30	1600	JN
6. 000630-06-8	Hexatriacontane	28.66	3000	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

214

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3809 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3809.06

Sample wt/vol: 10.55 (g/ml) G Lab File ID: BNA00545.D

Level: (low/med) LOW Date Received: 08/13/98

% Moisture: 12.83 decanted:(Y/N) N Date Extracted: 08/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/10/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

214

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3809 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3809.06

Sample wt/vol: 10.55 (g/ml) G Lab File ID: BNA00545.D

Level: (low/med) LOW Date Received: 08/13/98

% Moisture: 12.83 decanted:(Y/N) N Date Extracted: 08/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/10/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	190	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	260	JB
206-44-0	Fluoranthene	220	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	310	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	120	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	240	J
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

214

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3809 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3809.06

Sample wt/vol: 10.55 (g/ml) G Lab File ID: BNA00545.D

Level: (low/med) LOW Date Received: 08/13/98

% Moisture: 12.83 decanted: (Y/N) N Date Extracted: 08/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/10/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 15 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000629-96-9	1-Eicosanol	24.41	1300	JN
2. 014167-59-0	Tetratriacontane	25.95	1500	JN
3. 000000-00-0	1-Hexacosanal	26.94	1800	JN
4. 000593-49-7	Heptacosane	27.35	2400	JN
5. 000000-00-0	1-Hexacosanal	28.29	1800	JN
6. 000629-94-7	Heneicosane	28.65	2400	JN
7. 000000-00-0	2-Nonacosanone	28.81	1000	JN
8. 056554-86-0	17-Octadecenal	29.60	2200	JN
9.	unknown	29.75	910	J
10.	unknown	29.96	1100	J
11.	unknown	30.18	1400	J
12.	unknown	30.30	6800	J
13.	unknown	30.50	1500	J
14. 000638-66-4	Octadecanal	31.22	1400	JN
15.	unknown	32.36	900	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

215

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3809 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3809.08

Sample wt/vol: 10.96 (g/ml) G Lab File ID: BNA00546.D

Level: (low/med) LOW Date Received: 08/13/98

% Moisture: 5.66 decanted:(Y/N) N Date Extracted: 08/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/10/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	970	U
62-75-9	N-nitroso-dimethylamine	970	U
62-53-3	Aniline	970	U
108-95-2	Phenol	970	U
111-44-4	bis(2-Chloroethyl)ether	970	U
95-57-8	2-Chlorophenol	970	U
541-73-1	1,3-Dichlorobenzene	970	U
106-46-7	1,4-Dichlorobenzene	970	U
100-51-6	Benzyl alcohol	970	U
95-50-1	1,2-Dichlorobenzene	970	U
	2-Methylphenol	970	U
108-60-1	bis(2-chloroisopropyl)ether	970	U
	4-Methylphenol	970	U
621-64-7	n-Nitroso-di-n-propylamine	970	U
67-72-1	Hexachloroethane	970	U
98-95-3	Nitrobenzene	970	U
78-59-1	Isophorone	970	U
88-75-5	2-Nitrophenol	970	U
105-67-9	2,4-Dimethylphenol	970	U
111-91-1	bis(2-Chloroethoxy)methane	970	U
120-83-2	2,4-Dichlorophenol	970	U
65-85-0	Benzoic Acid	970	U
120-82-1	1,2,4-Trichlorobenzene	970	U
91-20-3	Naphthalene	970	U
106-47-8	4-Chloroaniline	970	U
87-68-3	Hexachlorobutadiene	970	U
59-50-7	4-Chloro-3-methylphenol	970	U
91-57-6	2-Methylnaphthalene	970	U
77-47-4	Hexachlorocyclopentadiene	970	U
88-06-2	2,4,6-Trichlorophenol	970	U
	2,4,5-Trichlorophenol	970	U
91-58-7	2-Chloronaphthalene	970	U
88-74-4	2-Nitroaniline	970	U
131-11-3	Dimethylphthalate	970	U
208-96-8	Acenaphthylene	970	U
606-20-2	2,6-Dinitrotoluene	970	U
99-09-2	3-Nitroaniline	970	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

215

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3809 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3809.08

Sample wt/vol: 10.96 (g/ml) G Lab File ID: BNA00546.D

Level: (low/med) LOW Date Received: 08/13/98

% Moisture: 5.66 decanted:(Y/N) N Date Extracted: 08/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/10/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	970	U
51-28-5	2,4-Dinitrophenol	970	U
132-64-9	Dibenzofuran	970	U
100-02-7	4-Nitrophenol	970	U
121-14-2	2,4-Dinitrotoluene	970	U
84-66-2	Diethylphthalate	970	U
86-73-7	Fluorene	970	U
7005-72-3	4-Chlorophenyl-phenylether	970	U
100-01-6	4-Nitroaniline	970	U
534-52-1	4,6-Dinitro-2-methylphenol	970	U
86-30-6	n-Nitrosodiphenylamine	970	U
103-33-3	Azobenzene	970	U
101-55-3	4-Bromophenyl-phenylether	970	U
118-74-1	Hexachlorobenzene	970	U
87-86-5	Pentachlorophenol	970	U
85-01-8	Phenanthrene	160	J
120-12-7	Anthracene	970	U
84-74-2	Di-n-butylphthalate	660	JB
206-44-0	Fluoranthene	160	J
92-87-5	Benzidine	970	U
129-00-0	Pyrene	270	J
85-68-7	Butylbenzylphthalate	970	U
56-55-3	Benzo[a]anthracene	970	U
91-94-1	3,3'-Dichlorobenzidine	970	U
218-01-9	Chrysene	970	U
117-81-7	bis(2-Ethylhexyl)phthalate	970	U
117-84-0	Di-n-octylphthalate	970	U
205-99-2	Benzo[b]fluoranthene	970	U
207-08-9	Benzo[k]fluoranthene	970	U
50-32-8	Benzo[a]pyrene	970	U
193-39-5	Indeno[1,2,3-cd]pyrene	970	U
53-70-3	Dibenz[a,h]anthracene	970	U
191-24-2	Benzo[g,h,i]perylene	970	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

215

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3809 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3809.08

Sample wt/vol: 10.96 (g/ml) G Lab File ID: BNA00546.D

Level: (low/med) LOW Date Received: 08/13/98

% Moisture: 5.66 decanted: (Y/N) N Date Extracted: 08/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/10/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 017851-53-5	1,2-Benzenedicarboxylic acid, but	18.95	1200	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

216

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3809 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3809.10

Sample wt/vol: 10.85 (g/ml) G Lab File ID: BNA00547.D

Level: (low/med) LOW Date Received: 08/13/98

% Moisture: 5.6 decanted:(Y/N) N Date Extracted: 08/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/10/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	980	U
62-75-9	N-nitroso-dimethylamine	980	U
62-53-3	Aniline	980	U
108-95-2	Phenol	980	U
111-44-4	bis(2-Chloroethyl)ether	980	U
95-57-8	2-Chlorophenol	980	U
541-73-1	1,3-Dichlorobenzene	980	U
106-46-7	1,4-Dichlorobenzene	980	U
100-51-6	Benzyl alcohol	980	U
95-50-1	1,2-Dichlorobenzene	980	U
	2-Methylphenol	980	U
108-60-1	bis(2-chloroisopropyl)ether	980	U
	4-Methylphenol	980	U
621-64-7	n-Nitroso-di-n-propylamine	980	U
67-72-1	Hexachloroethane	980	U
98-95-3	Nitrobenzene	980	U
78-59-1	Isophorone	980	U
88-75-5	2-Nitrophenol	980	U
105-67-9	2,4-Dimethylphenol	980	U
111-91-1	bis(2-Chloroethoxy)methane	980	U
120-83-2	2,4-Dichlorophenol	980	U
65-85-0	Benzoic Acid	980	U
120-82-1	1,2,4-Trichlorobenzene	980	U
91-20-3	Naphthalene	980	U
106-47-8	4-Chloroaniline	980	U
87-68-3	Hexachlorobutadiene	980	U
59-50-7	4-Chloro-3-methylphenol	980	U
91-57-6	2-Methylnaphthalene	980	U
77-47-4	Hexachlorocyclopentadiene	980	U
88-06-2	2,4,6-Trichlorophenol	980	U
	2,4,5-Trichlorophenol	980	U
91-58-7	2-Chloronaphthalene	980	U
88-74-4	2-Nitroaniline	980	U
131-11-3	Dimethylphthalate	980	U
208-96-8	Acenaphthylene	980	U
606-20-2	2,6-Dinitrotoluene	980	U
99-09-2	3-Nitroaniline	980	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

216

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3809 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3809.10

Sample wt/vol: 10.85 (g/ml) G Lab File ID: BNA00547.D

Level: (low/med) LOW Date Received: 08/13/98

% Moisture: 5.6 decanted:(Y/N) N Date Extracted: 08/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/10/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	980	U
51-28-5	2,4-Dinitrophenol	980	U
132-64-9	Dibenzofuran	980	U
100-02-7	4-Nitrophenol	980	U
121-14-2	2,4-Dinitrotoluene	980	U
84-66-2	Diethylphthalate	980	U
86-73-7	Fluorene	980	U
7005-72-3	4-Chlorophenyl-phenylether	980	U
100-01-6	4-Nitroaniline	980	U
534-52-1	4,6-Dinitro-2-methylphenol	980	U
86-30-6	n-Nitrosodiphenylamine	980	U
103-33-3	Azobenzene	980	U
101-55-3	4-Bromophenyl-phenylether	980	U
118-74-1	Hexachlorobenzene	980	U
87-86-5	Pentachlorophenol	980	U
85-01-8	Phenanthrene	980	U
120-12-7	Anthracene	980	U
84-74-2	Di-n-butylphthalate	250	JB
206-44-0	Fluoranthene	280	J
92-87-5	Benzidine	980	U
129-00-0	Pyrene	340	J
85-68-7	Butylbenzylphthalate	980	U
56-55-3	Benzo[a]anthracene	140	J
91-94-1	3,3'-Dichlorobenzidine	980	U
218-01-9	Chrysene	280	J
117-81-7	bis(2-Ethylhexyl)phthalate	980	U
117-84-0	Di-n-octylphthalate	980	U
205-99-2	Benzo[b]fluoranthene	980	U
207-08-9	Benzo[k]fluoranthene	980	U
50-32-8	Benzo[a]pyrene	980	U
193-39-5	Indeno[1,2,3-cd]pyrene	980	U
53-70-3	Dibenz[a,h]anthracene	980	U
191-24-2	Benzo[g,h,i]perylene	980	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

216

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3809 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3809.10

Sample wt/vol: 10.85 (g/ml) G Lab File ID: BNA00547.D

Level: (low/med) LOW Date Received: 08/13/98

% Moisture: 5.6 decanted: (Y/N) N Date Extracted: 08/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/10/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000629-94-7	Heneicosane	27.35	1200	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

217

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3809 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3809.12

Sample wt/vol: 10.27 (g/ml) G Lab File ID: BNA00548.D

Level: (low/med) LOW Date Received: 08/13/98

% Moisture: 6.92 decanted:(Y/N) N Date Extracted: 08/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/10/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1000	U
62-75-9	N-nitroso-dimethylamine	1000	U
62-53-3	Aniline	1000	U
108-95-2	Phenol	1000	U
111-44-4	bis(2-Chloroethyl)ether	1000	U
95-57-8	2-Chlorophenol	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
100-51-6	Benzyl alcohol	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
	4-Methylphenol	1000	U
621-64-7	n-Nitroso-di-n-propylamine	1000	U
67-72-1	Hexachloroethane	1000	U
98-95-3	Nitrobenzene	1000	U
78-59-1	Isophorone	1000	U
88-75-5	2-Nitrophenol	1000	U
105-67-9	2,4-Dimethylphenol	1000	U
111-91-1	bis(2-Chloroethoxy)methane	1000	U
120-83-2	2,4-Dichlorophenol	1000	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	1000	U
91-20-3	Naphthalene	1000	U
106-47-8	4-Chloroaniline	1000	U
87-68-3	Hexachlorobutadiene	1000	U
59-50-7	4-Chloro-3-methylphenol	1000	U
91-57-6	2-Methylnaphthalene	1000	U
77-47-4	Hexachlorocyclopentadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	1000	U
	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	1000	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	1000	U
208-96-8	Acenaphthylene	1000	U
606-20-2	2,6-Dinitrotoluene	1000	U
99-09-2	3-Nitroaniline	1000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

217

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3809 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3809.12

Sample wt/vol: 10.27 (g/ml) G Lab File ID: BNA00548.D

Level: (low/med) LOW Date Received: 08/13/98

% Moisture: 6.92 decanted:(Y/N) N Date Extracted: 08/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/10/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	140	J
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	190	JB
206-44-0	Fluoranthene	190	J
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	180	J
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	1000	U
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	1000	U
117-81-7	bis(2-Ethylhexyl)phthalate	1000	U
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	1000	U
207-08-9	Benzo[k]fluoranthene	1000	U
50-32-8	Benzo[a]pyrene	1000	U
193-39-5	Indeno[1,2,3-cd]pyrene	1000	U
53-70-3	Dibenz[a,h]anthracene	1000	U
191-24-2	Benzo[g,h,i]perylene	1000	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

217

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3809 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3809.12

Sample wt/vol: 10.27 (g/ml) G Lab File ID: BNA00548.D

Level: (low/med) LOW Date Received: 08/13/98

% Moisture: 6.92 decanted: (Y/N) N Date Extracted: 08/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/10/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000629-96-9	1-Eicosanol	24.41	1300	JN
2. 056554-87-1	16-Octadecenal	26.94	1000	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

218

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3809 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3809.14

Sample wt/vol: 9.98 (g/ml) G Lab File ID: BNA00549.D

Level: (low/med) LOW Date Received: 08/13/98

% Moisture: 5.52 decanted:(Y/N) N Date Extracted: 08/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/10/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	480	J
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

218

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3809 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3809.14

Sample wt/vol: 9.98 (g/ml) G Lab File ID: BNA00549.D

Level: (low/med) LOW Date Received: 08/13/98

% Moisture: 5.52 decanted:(Y/N) N Date Extracted: 08/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/10/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	1300	
120-12-7	Anthracene	250	J
84-74-2	Di-n-butylphthalate	650	JB
206-44-0	Fluoranthene	2900	
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	3500	
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1000	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	2500	
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	
207-08-9	Benzo[k]fluoranthene	1200	
50-32-8	Benzo[a]pyrene	1000	J
193-39-5	Indeno[1,2,3-cd]pyrene	550	J
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	490	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

218

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3809 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3809.14

Sample wt/vol: 9.98 (g/ml) G Lab File ID: BNA00549.D

Level: (low/med) LOW Date Received: 08/13/98

% Moisture: 5.52 decanted: (Y/N) N Date Extracted: 08/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/10/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 8 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 017851-53-5	1,2-Benzenedicarboxylic acid, but	18.95	1100	JN
2. 074685-30-6	5-Eicosene, (E)-	24.42	1100	JN
3.	unknown	25.11	950	J
4.	unknown	25.23	2800	J
5.	unknown	25.33	1300	J
6.	unknown	25.50	2000	J
7.	unknown	25.59	1300	J
8.	unknown	25.72	880	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

219

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3809 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3809.16

Sample wt/vol: 9.98 (g/ml) G Lab File ID: BNA00550.D

Level: (low/med) LOW Date Received: 08/13/98

% Moisture: 6.01 decanted:(Y/N) N Date Extracted: 08/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/10/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

219

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3809 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3809.16

Sample wt/vol: 9.98 (g/ml) G Lab File ID: BNA00550.D

Level: (low/med) LOW Date Received: 08/13/98

% Moisture: 6.01 decanted:(Y/N) N Date Extracted: 08/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/10/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	110	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	380	JB
206-44-0	Fluoranthene	220	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	280	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	110	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	280	J
117-81-7	bis(2-Ethylhexyl)phthalate	120	J
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	170	J
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

219

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3809 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3809.16

Sample wt/vol: 9.98 (g/ml) G Lab File ID: BNA00550.D

Level: (low/med) LOW Date Received: 08/13/98

% Moisture: 6.01 decanted: (Y/N) N Date Extracted: 08/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/10/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 007704-34-9	Sulfur	20.65	880	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

220

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3809 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3809.18

Sample wt/vol: 10.7 (g/ml) G Lab File ID: BNA00551.D

Level: (low/med) LOW Date Received: 08/13/98

% Moisture: 4.8 decanted:(Y/N) N Date Extracted: 08/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/10/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	980	U
62-75-9	N-nitroso-dimethylamine	980	U
62-53-3	Aniline	980	U
108-95-2	Phenol	980	U
111-44-4	bis(2-Chloroethyl)ether	980	U
95-57-8	2-Chlorophenol	980	U
541-73-1	1,3-Dichlorobenzene	980	U
106-46-7	1,4-Dichlorobenzene	980	U
100-51-6	Benzyl alcohol	980	U
95-50-1	1,2-Dichlorobenzene	980	U
	2-Methylphenol	980	U
108-60-1	bis(2-chloroisopropyl)ether	980	U
	4-Methylphenol	980	U
621-64-7	n-Nitroso-di-n-propylamine	980	U
67-72-1	Hexachloroethane	980	U
98-95-3	Nitrobenzene	980	U
78-59-1	Isophorone	980	U
88-75-5	2-Nitrophenol	980	U
105-67-9	2,4-Dimethylphenol	980	U
111-91-1	bis(2-Chloroethoxy)methane	980	U
120-83-2	2,4-Dichlorophenol	980	U
65-85-0	Benzoic Acid	980	U
120-82-1	1,2,4-Trichlorobenzene	980	U
91-20-3	Naphthalene	3600	
106-47-8	4-Chloroaniline	980	U
87-68-3	Hexachlorobutadiene	980	U
59-50-7	4-Chloro-3-methylphenol	980	U
91-57-6	2-Methylnaphthalene	6600	
77-47-4	Hexachlorocyclopentadiene	980	U
88-06-2	2,4,6-Trichlorophenol	980	U
	2,4,5-Trichlorophenol	980	U
91-58-7	2-Chloronaphthalene	980	U
88-74-4	2-Nitroaniline	980	U
131-11-3	Dimethylphthalate	980	U
208-96-8	Acenaphthylene	5200	
606-20-2	2,6-Dinitrotoluene	980	U
99-09-2	3-Nitroaniline	980	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

220

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3809 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3809.18

Sample wt/vol: 10.7 (g/ml) G Lab File ID: BNA00551.D

Level: (low/med) LOW Date Received: 08/13/98

% Moisture: 4.8 decanted:(Y/N) N Date Extracted: 08/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/10/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	3300	
51-28-5	2,4-Dinitrophenol	980	U
132-64-9	Dibenzofuran	830	J
100-02-7	4-Nitrophenol	980	U
121-14-2	2,4-Dinitrotoluene	980	U
84-66-2	Diethylphthalate	980	U
86-73-7	Fluorene	8000	
7005-72-3	4-Chlorophenyl-phenylether	980	U
100-01-6	4-Nitroaniline	980	U
534-52-1	4,6-Dinitro-2-methylphenol	980	U
86-30-6	n-Nitrosodiphenylamine	980	U
103-33-3	Azobenzene	980	U
101-55-3	4-Bromophenyl-phenylether	980	U
118-74-1	Hexachlorobenzene	980	U
87-86-5	Pentachlorophenol	980	U
85-01-8	Phenanthrene	37000	E
120-12-7	Anthracene	6000	
84-74-2	Di-n-butylphthalate	490	JB
206-44-0	Fluoranthene	17000	E
92-87-5	Benzidine	980	U
129-00-0	Pyrene	41000	E
85-68-7	Butylbenzylphthalate	980	U
56-55-3	Benzo[a]anthracene	13000	E
91-94-1	3,3'-Dichlorobenzidine	980	U
218-01-9	Chrysene	22000	E
117-81-7	bis(2-Ethylhexyl)phthalate	980	U
117-84-0	Di-n-octylphthalate	980	U
205-99-2	Benzo[b]fluoranthene	9500	
207-08-9	Benzo[k]fluoranthene	1300	
50-32-8	Benzo[a]pyrene	6700	
193-39-5	Indeno[1,2,3-cd]pyrene	2000	
53-70-3	Dibenz[a,h]anthracene	1400	
191-24-2	Benzo[g,h,i]perylene	2000	

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

220

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3809 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3809.18

Sample wt/vol: 10.7 (g/ml) G Lab File ID: BNA00551.D

Level: (low/med) LOW Date Received: 08/13/98

% Moisture: 4.8 decanted: (Y/N) N Date Extracted: 08/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/10/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 24 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000091-57-6	Naphthalene, 2-methyl-	12.45	9100	JN
2.	unknown	13.36	1100	J
3. 001127-76-0	Naphthalene, 1-ethyl-	13.55	1200	JN
4. 000582-16-1	Naphthalene, 2,7-dimethyl-	13.71	8300	JN
5. 000571-61-9	Naphthalene, 1,5-dimethyl-	13.92	12000	JN
6. 000581-42-0	Naphthalene, 2,6-dimethyl-	13.96	5000	JN
7. 000827-54-3	Naphthalene, 2-ethenyl-	14.02	1200	JN
8. 000581-40-8	Naphthalene, 2,3-dimethyl-	14.16	5100	JN
9. 000573-98-8	Naphthalene, 1,2-dimethyl-	14.19	2100	JN
10. 000581-40-8	Naphthalene, 2,3-dimethyl-	14.35	3100	JN
11. 000644-08-6	1,1'-Biphenyl, 4-methyl-	14.82	1800	JN
12. 002131-42-2	Naphthalene, 1,4,6-trimethyl-	14.95	2200	JN
13. 002245-38-7	Naphthalene, 1,6,7-trimethyl-	15.22	3200	JN
14. 000829-26-5	Naphthalene, 2,3,6-trimethyl-	15.29	4700	JN
15. 002131-42-2	Naphthalene, 1,4,6-trimethyl-	15.48	4300	JN
16. 002131-41-1	Naphthalene, 1,4,5-trimethyl-	15.52	2900	JN
17. 000829-26-5	Naphthalene, 2,3,6-trimethyl-	15.69	4500	JN
18. 001989-33-9	9H-Fluorene-9-carboxylic acid	15.85	1500	JN
19.	unknown	16.07	1400	J
20.	unknown	16.28	810	J
21. 007320-53-8	Dibenzofuran, 4-methyl-	16.35	2300	JN
22. 000779-02-2	Anthracene, 9-methyl-	19.37	2000	JN
23.	unknown	19.61	1000	J
24.	unknown	21.81	7100	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

220dl

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3809 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3809.18dl

Sample wt/vol: 10.7 (g/ml) G Lab File ID: BNA00563.D

Level: (low/med) LOW Date Received: 08/13/98

% Moisture: 4.8 decanted:(Y/N) N Date Extracted: 08/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/11/98

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	9800	U
62-75-9	N-nitroso-dimethylamine	9800	U
62-53-3	Aniline	9800	U
108-95-2	Phenol	9800	U
111-44-4	bis(2-Chloroethyl)ether	9800	U
95-57-8	2-Chlorophenol	9800	U
541-73-1	1,3-Dichlorobenzene	9800	U
106-46-7	1,4-Dichlorobenzene	9800	U
100-51-6	Benzyl alcohol	9800	U
95-50-1	1,2-Dichlorobenzene	9800	U
	2-Methylphenol	9800	U
108-60-1	bis(2-chloroisopropyl)ether	9800	U
	4-Methylphenol	9800	U
621-64-7	n-Nitroso-di-n-propylamine	9800	U
67-72-1	Hexachloroethane	9800	U
98-95-3	Nitrobenzene	9800	U
78-59-1	Isophorone	9800	U
88-75-5	2-Nitrophenol	9800	U
105-67-9	2,4-Dimethylphenol	9800	U
111-91-1	bis(2-Chloroethoxy)methane	9800	U
120-83-2	2,4-Dichlorophenol	9800	U
65-85-0	Benzoic Acid	9800	U
120-82-1	1,2,4-Trichlorobenzene	9800	U
91-20-3	Naphthalene	4000	JD
106-47-8	4-Chloroaniline	9800	U
87-68-3	Hexachlorobutadiene	9800	U
59-50-7	4-Chloro-3-methylphenol	9800	U
91-57-6	2-Methylnaphthalene	7600	JD
77-47-4	Hexachlorocyclopentadiene	9800	U
88-06-2	2,4,6-Trichlorophenol	9800	U
	2,4,5-Trichlorophenol	9800	U
91-58-7	2-Chloronaphthalene	9800	U
88-74-4	2-Nitroaniline	9800	U
131-11-3	Dimethylphthalate	9800	U
208-96-8	Acenaphthylene	6100	JD
606-20-2	2,6-Dinitrotoluene	9800	U
99-09-2	3-Nitroaniline	9800	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

220dl

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3809 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3809.18dl

Sample wt/vol: 10.7 (g/ml) G Lab File ID: BNA00563.D

Level: (low/med) LOW Date Received: 08/13/98

% Moisture: 4.8 decanted:(Y/N) N Date Extracted: 08/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/11/98

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	9800	U
51-28-5	2,4-Dinitrophenol	9800	U
132-64-9	Dibenzofuran	9800	U
100-02-7	4-Nitrophenol	9800	U
121-14-2	2,4-Dinitrotoluene	9800	U
84-66-2	Diethylphthalate	9800	U
86-73-7	Fluorene	9800	U
7005-72-3	4-Chlorophenyl-phenylether	9800	U
100-01-6	4-Nitroaniline	9800	U
534-52-1	4,6-Dinitro-2-methylphenol	9800	U
86-30-6	n-Nitrosodiphenylamine	9800	U
103-33-3	Azobenzene	9800	U
101-55-3	4-Bromophenyl-phenylether	9800	U
118-74-1	Hexachlorobenzene	9800	U
87-86-5	Pentachlorophenol	9800	U
85-01-8	Phenanthrene	55000	D
120-12-7	Anthracene	6700	JD
84-74-2	Di-n-butylphthalate	9800	U
206-44-0	Fluoranthene	23000	D
92-87-5	Benzidine	9800	U
129-00-0	Pyrene	44000	D
85-68-7	Butylbenzylphthalate	9800	U
56-55-3	Benzo[a]anthracene	14000	D
91-94-1	3,3'-Dichlorobenzidine	9800	U
218-01-9	Chrysene	25000	D
117-81-7	bis(2-Ethylhexyl)phthalate	9800	U
117-84-0	Di-n-octylphthalate	9800	U
205-99-2	Benzo[b]fluoranthene	4700	JD
207-08-9	Benzo[k]fluoranthene	9000	JD
50-32-8	Benzo[a]pyrene	8900	JD
193-39-5	Indeno[1,2,3-cd]pyrene	19000	D
53-70-3	Dibenz[a,h]anthracene	25000	D
191-24-2	Benzo[g,h,i]perylene	22000	D

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

221

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3809 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3809.20

Sample wt/vol: 10.01 (g/ml) G Lab File ID: BNA00564.D

Level: (low/med) LOW Date Received: 08/13/98

% Moisture: 11.46 decanted:(Y/N) N Date Extracted: 08/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/11/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	120	J
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

221

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3809 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3809.20

Sample wt/vol: 10.01 (g/ml) G Lab File ID: BNA00564.D

Level: (low/med) LOW Date Received: 08/13/98

% Moisture: 11.46 decanted:(Y/N) N Date Extracted: 08/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/11/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	560	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	220	JB
206-44-0	Fluoranthene	640	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	900	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	320	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	680	J
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	330	J
207-08-9	Benzo[k]fluoranthene	430	J
50-32-8	Benzo[a]pyrene	360	J
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

221

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3809 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3809.20

Sample wt/vol: 10.01 (g/ml) G Lab File ID: BNA00564.D

Level: (low/med) LOW Date Received: 08/13/98

% Moisture: 11.46 decanted: (Y/N) N Date Extracted: 08/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/11/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 14

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000072-54-8	1,1-Dichloro-2,2-bis(p-chlorophen	22.73	3000	JN
2. 000050-29-3	Chlorophenothane	23.40	1100	JN
3. 000629-96-9	1-Eicosanol	24.41	2900	JN
4. 002136-71-2	Ethanol, 2-(hexadecyloxy)-	25.94	3000	JN
5. 056554-91-7	12-Octadecenal	26.93	2200	JN
6. 000638-66-4	Octadecanal	28.29	2400	JN
7. 000646-31-1	Tetracosane	28.65	3900	JN
8.	unknown	28.79	1100	J
9. 056554-87-1	16-Octadecenal	29.59	2900	JN
10.	unknown	29.74	1800	J
11.	unknown	29.95	4600	J
12.	unknown	30.17	1200	J
13.	unknown	30.49	910	J
14.	unknown	31.20	1500	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

222

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3809 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3809.22

Sample wt/vol: 10.31 (g/ml) G Lab File ID: BNA00565.D

Level: (low/med) LOW Date Received: 08/13/98

% Moisture: 13.04 decanted:(Y/N) N Date Extracted: 08/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/11/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

222

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3809 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3809.22

Sample wt/vol: 10.31 (g/ml) G Lab File ID: BNA00565.D

Level: (low/med) LOW Date Received: 08/13/98

% Moisture: 13.04 decanted:(Y/N) N Date Extracted: 08/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/11/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	220	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	1000	JB
206-44-0	Fluoranthene	270	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	370	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	160	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	290	J
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	140	J
207-08-9	Benzo[k]fluoranthene	180	J
50-32-8	Benzo[a]pyrene	130	J
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

222

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3809 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3809.22

Sample wt/vol: 10.31 (g/ml) G Lab File ID: BNA00565.D

Level: (low/med) LOW Date Received: 08/13/98

% Moisture: 13.04 decanted: (Y/N) N Date Extracted: 08/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/11/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 19 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 017851-53-5	1,2-Benzenedicarboxylic acid, but	18.94	1400	JN
2. 056554-86-0	17-Octadecenal	23.91	1300	JN
3. 000629-96-9	1-Eicosanol	24.41	4800	JN
4. 056554-86-0	17-Octadecenal	25.48	1300	JN
5. 000295-48-7	Cyclopentadecane	25.94	4700	JN
6. 000112-85-6	Docosanoic acid	26.48	2500	JN
7. 000000-00-0	1-Hexacosanal	26.93	2800	JN
8. 000000-00-0	2-Pentacosanone	27.48	990	JN
9.	unknown	27.87	1000	J
10. 000629-80-1	Hexadecanal	28.29	2400	JN
11. 000630-06-8	Hexatriacontane	28.65	3600	JN
12.	unknown	28.80	1300	J
13. 056554-86-0	17-Octadecenal	29.60	2300	JN
14.	unknown	29.95	2700	J
15.	unknown	30.17	1400	J
16.	unknown	30.28	2400	J
17. 000127-22-0	Taraxerol	30.49	2600	JN
18.	unknown	31.20	950	J
19.	unknown	32.35	1400	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

223

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3812 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3812.02

Sample wt/vol: 10.01 (g/ml) G Lab File ID: BNA00580.D

Level: (low/med) LOW Date Received: 08/14/98

% Moisture: 5.72 decanted:(Y/N) N Date Extracted: 08/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/14/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	260	J
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

223

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3812 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3812.02

Sample wt/vol: 10.01 (g/ml) G Lab File ID: BNA00580.D

Level: (low/med) LOW Date Received: 08/14/98

% Moisture: 5.72 decanted:(Y/N) N Date Extracted: 08/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/14/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	1000	J
120-12-7	Anthracene	150	J
84-74-2	Di-n-butylphthalate	310	JB
206-44-0	Fluoranthene	1300	
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1900	
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	700	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1500	
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	670	J
207-08-9	Benzo[k]fluoranthene	720	J
50-32-8	Benzo[a]pyrene	770	J
193-39-5	Indeno[1,2,3-cd]pyrene	550	J
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	490	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

223

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3812 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3812.02

Sample wt/vol: 10.01 (g/ml) G Lab File ID: BNA00580.D

Level: (low/med) LOW Date Received: 08/14/98

% Moisture: 5.72 decanted: (Y/N) N Date Extracted: 08/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/14/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 9 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 074685-30-6	5-Eicosene, (E)-	24.41	2800	JN
2. 000295-65-8	Cyclohexadecane	25.94	1800	JN
3. 000000-00-0	1-Hexacosanal	26.94	2300	JN
4. 000112-95-8	Eicosane	27.35	4200	JN
5. 000638-66-4	Octadecanal	28.29	2000	JN
6. 000630-07-9	Pentatriacontane	28.65	4000	JN
7. 056554-87-1	16-Octadecenal	29.59	2600	JN
8. 000630-06-8	Hexatriacontane	29.96	2300	JN
9. 007390-81-0	Oxirane, hexadecyl-	31.21	2000	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

224

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3812 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3812.04

Sample wt/vol: 11.02 (g/ml) G Lab File ID: BNA00581.D

Level: (low/med) LOW Date Received: 08/14/98

% Moisture: 3.99 decanted:(Y/N) N Date Extracted: 08/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/14/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	950	U
62-75-9	N-nitroso-dimethylamine	950	U
62-53-3	Aniline	950	U
108-95-2	Phenol	950	U
111-44-4	bis(2-Chloroethyl)ether	950	U
95-57-8	2-Chlorophenol	950	U
541-73-1	1,3-Dichlorobenzene	950	U
106-46-7	1,4-Dichlorobenzene	950	U
100-51-6	Benzyl alcohol	950	U
95-50-1	1,2-Dichlorobenzene	950	U
	2-Methylphenol	950	U
108-60-1	bis(2-chloroisopropyl)ether	950	U
	4-Methylphenol	950	U
621-64-7	n-Nitroso-di-n-propylamine	950	U
67-72-1	Hexachloroethane	950	U
98-95-3	Nitrobenzene	950	U
78-59-1	Isophorone	950	U
88-75-5	2-Nitrophenol	950	U
105-67-9	2,4-Dimethylphenol	950	U
111-91-1	bis(2-Chloroethoxy)methane	950	U
120-83-2	2,4-Dichlorophenol	950	U
65-85-0	Benzoic Acid	950	U
120-82-1	1,2,4-Trichlorobenzene	950	U
91-20-3	Naphthalene	950	U
106-47-8	4-Chloroaniline	950	U
87-68-3	Hexachlorobutadiene	950	U
59-50-7	4-Chloro-3-methylphenol	950	U
91-57-6	2-Methylnaphthalene	950	U
77-47-4	Hexachlorocyclopentadiene	950	U
88-06-2	2,4,6-Trichlorophenol	950	U
	2,4,5-Trichlorophenol	950	U
91-58-7	2-Chloronaphthalene	950	U
88-74-4	2-Nitroaniline	950	U
131-11-3	Dimethylphthalate	950	U
208-96-8	Acenaphthylene	950	U
606-20-2	2,6-Dinitrotoluene	950	U
99-09-2	3-Nitroaniline	950	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

224

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3812 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3812.04

Sample wt/vol: 11.02 (g/ml) G Lab File ID: BNA00581.D

Level: (low/med) LOW Date Received: 08/14/98

% Moisture: 3.99 decanted:(Y/N) N Date Extracted: 08/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/14/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	950	U
51-28-5	2,4-Dinitrophenol	950	U
132-64-9	Dibenzofuran	950	U
100-02-7	4-Nitrophenol	950	U
121-14-2	2,4-Dinitrotoluene	950	U
84-66-2	Diethylphthalate	950	U
86-73-7	Fluorene	950	U
7005-72-3	4-Chlorophenyl-phenylether	950	U
100-01-6	4-Nitroaniline	950	U
534-52-1	4,6-Dinitro-2-methylphenol	950	U
86-30-6	n-Nitrosodiphenylamine	950	U
103-33-3	Azobenzene	950	U
101-55-3	4-Bromophenyl-phenylether	950	U
118-74-1	Hexachlorobenzene	950	U
87-86-5	Pentachlorophenol	950	U
85-01-8	Phenanthrene	950	U
120-12-7	Anthracene	950	U
84-74-2	Di-n-butylphthalate	490	JB
206-44-0	Fluoranthene	95	J
92-87-5	Benzidine	950	U
129-00-0	Pyrene	110	J
85-68-7	Butylbenzylphthalate	950	U
56-55-3	Benzo[a]anthracene	950	U
91-94-1	3,3'-Dichlorobenzidine	950	U
218-01-9	Chrysene	950	U
117-81-7	bis(2-Ethylhexyl)phthalate	950	U
117-84-0	Di-n-octylphthalate	950	U
205-99-2	Benzo[b]fluoranthene	950	U
207-08-9	Benzo[k]fluoranthene	950	U
50-32-8	Benzo[a]pyrene	950	U
193-39-5	Indeno[1,2,3-cd]pyrene	950	U
53-70-3	Dibenz[a,h]anthracene	950	U
191-24-2	Benzo[g,h,i]perylene	950	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

224

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3812 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3812.04

Sample wt/vol: 11.02 (g/ml) G Lab File ID: BNA00581.D

Level: (low/med) LOW Date Received: 08/14/98

% Moisture: 3.99 decanted: (Y/N) N Date Extracted: 08/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/14/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 4 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.93	910	JN
2. 001599-67-3	1-Docosene	24.41	4300	JN
3. 006624-79-9	1-Dotriacontanol	25.93	1300	JN
4. 000000-00-0	1-Hexacosanal	26.93	2300	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

225

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3812 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3812.06

Sample wt/vol: 10.4 (g/ml) G Lab File ID: BNA00582.D

Level: (low/med) LOW Date Received: 08/14/98

% Moisture: 3.93 decanted:(Y/N) N Date Extracted: 08/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/14/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1000	U
62-75-9	N-nitroso-dimethylamine	1000	U
62-53-3	Aniline	1000	U
108-95-2	Phenol	1000	U
111-44-4	bis(2-Chloroethyl)ether	1000	U
95-57-8	2-Chlorophenol	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
100-51-6	Benzyl alcohol	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
	4-Methylphenol	1000	U
621-64-7	n-Nitroso-di-n-propylamine	1000	U
67-72-1	Hexachloroethane	1000	U
98-95-3	Nitrobenzene	1000	U
78-59-1	Isophorone	1000	U
88-75-5	2-Nitrophenol	1000	U
105-67-9	2,4-Dimethylphenol	1000	U
111-91-1	bis(2-Chloroethoxy)methane	1000	U
120-83-2	2,4-Dichlorophenol	1000	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	1000	U
91-20-3	Naphthalene	1000	U
106-47-8	4-Chloroaniline	1000	U
87-68-3	Hexachlorobutadiene	1000	U
59-50-7	4-Chloro-3-methylphenol	1000	U
91-57-6	2-Methylnaphthalene	1000	U
77-47-4	Hexachlorocyclopentadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	1000	U
	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	1000	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	1000	U
208-96-8	Acenaphthylene	120	J
606-20-2	2,6-Dinitrotoluene	1000	U
99-09-2	3-Nitroaniline	1000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

225

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3812 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3812.06

Sample wt/vol: 10.4 (g/ml) G Lab File ID: BNA00582.D

Level: (low/med) LOW Date Received: 08/14/98

% Moisture: 3.93 decanted:(Y/N) N Date Extracted: 08/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/14/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	420	J
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	210	JB
206-44-0	Fluoranthene	710	J
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	890	J
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	240	J
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	720	J
117-81-7	bis(2-Ethylhexyl)phthalate	1000	U
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	320	J
207-08-9	Benzo[k]fluoranthene	380	J
50-32-8	Benzo[a]pyrene	280	J
193-39-5	Indeno[1,2,3-cd]pyrene	200	J
53-70-3	Dibenz[a,h]anthracene	1000	U
191-24-2	Benzo[g,h,i]perylene	210	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

225

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3812 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3812.06

Sample wt/vol: 10.4 (g/ml) G Lab File ID: BNA00582.D

Level: (low/med) LOW Date Received: 08/14/98

% Moisture: 3.93 decanted: (Y/N) N Date Extracted: 08/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/14/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 7

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 001454-84-8	1-Nonadecanol	24.42	4300	JN
2. 040710-42-7	1-Hentetracontanol	25.94	2200	JN
3. 000000-00-0	1-Hexacosanal	26.93	1300	JN
4. 000638-66-4	Octadecanal	28.29	840	JN
5. 000630-06-8	Hexatriacontane	28.65	1900	JN
6. 000629-96-9	1-Eicosanol	28.69	1500	JN
7. 056554-86-0	17-Octadecenal	29.59	1700	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

226

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3812 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3812.08

Sample wt/vol: 10.55 (g/ml) G Lab File ID: BNA00583.D

Level: (low/med) LOW Date Received: 08/14/98

% Moisture: 6.22 decanted:(Y/N) N Date Extracted: 08/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/14/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1000	U
62-75-9	N-nitroso-dimethylamine	1000	U
62-53-3	Aniline	1000	U
108-95-2	Phenol	1000	U
111-44-4	bis(2-Chloroethyl)ether	1000	U
95-57-8	2-Chlorophenol	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
100-51-6	Benzyl alcohol	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
	4-Methylphenol	1000	U
621-64-7	n-Nitroso-di-n-propylamine	1000	U
67-72-1	Hexachloroethane	1000	U
98-95-3	Nitrobenzene	1000	U
78-59-1	Isophorone	1000	U
88-75-5	2-Nitrophenol	1000	U
105-67-9	2,4-Dimethylphenol	1000	U
111-91-1	bis(2-Chloroethoxy)methane	1000	U
120-83-2	2,4-Dichlorophenol	1000	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	1000	U
91-20-3	Naphthalene	1000	U
106-47-8	4-Chloroaniline	1000	U
87-68-3	Hexachlorobutadiene	1000	U
59-50-7	4-Chloro-3-methylphenol	1000	U
91-57-6	2-Methylnaphthalene	1000	U
77-47-4	Hexachlorocyclopentadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	1000	U
	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	1000	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	1000	U
208-96-8	Acenaphthylene	110	J
606-20-2	2,6-Dinitrotoluene	1000	U
99-09-2	3-Nitroaniline	1000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

226

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3812 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3812.08

Sample wt/vol: 10.55 (g/ml) G Lab File ID: BNA00583.D

Level: (low/med) LOW Date Received: 08/14/98

% Moisture: 6.22 decanted:(Y/N) N Date Extracted: 08/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/14/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	360	J
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	530	JB
206-44-0	Fluoranthene	500	J
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	700	J
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	280	J
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	610	J
117-81-7	bis(2-Ethylhexyl)phthalate	1000	U
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	310	J
207-08-9	Benzo[k]fluoranthene	360	J
50-32-8	Benzo[a]pyrene	320	J
193-39-5	Indeno[1,2,3-cd]pyrene	200	J
53-70-3	Dibenz[a,h]anthracene	1000	U
191-24-2	Benzo[g,h,i]perylene	190	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

226

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3812 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3812.08

Sample wt/vol: 10.55 (g/ml) G Lab File ID: BNA00583.D

Level: (low/med) LOW Date Received: 08/14/98

% Moisture: 6.22 decanted: (Y/N) N Date Extracted: 08/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/14/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 12 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.94	880	JN
2. 000109-29-5	Oxacycloheptadecan-2-one	19.74	870	JN
3. 000112-88-9	1-Octadecene	24.42	4400	JN
4. 000295-65-8	Cyclohexadecane	25.94	3000	JN
5. 000000-00-0	1-Hexacosanal	26.94	1600	JN
6. 000629-92-5	Nonadecane	27.35	4000	JN
7.	unknown	28.29	1400	J
8. 007098-22-8	Tetratetracontane	28.65	2100	JN
9.	unknown	28.69	2000	J
10. 000629-80-1	Hexadecanal	29.60	1800	JN
11.	unknown	29.95	1800	J
12.	unknown	31.21	1300	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

227

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3812 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3812.10

Sample wt/vol: 10.42 (g/ml) G Lab File ID: BNA00584.D

Level: (low/med) LOW Date Received: 08/14/98

% Moisture: 20.13 decanted:(Y/N) N Date Extracted: 08/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/14/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1200	U
62-75-9	N-nitroso-dimethylamine	1200	U
62-53-3	Aniline	1200	U
108-95-2	Phenol	1200	U
111-44-4	bis(2-Chloroethyl)ether	1200	U
95-57-8	2-Chlorophenol	1200	U
541-73-1	1,3-Dichlorobenzene	1200	U
106-46-7	1,4-Dichlorobenzene	1200	U
100-51-6	Benzyl alcohol	1200	U
95-50-1	1,2-Dichlorobenzene	1200	U
	2-Methylphenol	1200	U
108-60-1	bis(2-chloroisopropyl)ether	1200	U
	4-Methylphenol	1200	U
621-64-7	n-Nitroso-di-n-propylamine	1200	U
67-72-1	Hexachloroethane	1200	U
98-95-3	Nitrobenzene	1200	U
78-59-1	Isophorone	1200	U
88-75-5	2-Nitrophenol	1200	U
105-67-9	2,4-Dimethylphenol	1200	U
111-91-1	bis(2-Chloroethoxy)methane	1200	U
120-83-2	2,4-Dichlorophenol	1200	U
65-85-0	Benzoic Acid	1200	U
120-82-1	1,2,4-Trichlorobenzene	1200	U
91-20-3	Naphthalene	1200	U
106-47-8	4-Chloroaniline	1200	U
87-68-3	Hexachlorobutadiene	1200	U
59-50-7	4-Chloro-3-methylphenol	1200	U
91-57-6	2-Methylnaphthalene	1200	U
77-47-4	Hexachlorocyclopentadiene	1200	U
88-06-2	2,4,6-Trichlorophenol	1200	U
	2,4,5-Trichlorophenol	1200	U
91-58-7	2-Chloronaphthalene	1200	U
88-74-4	2-Nitroaniline	1200	U
131-11-3	Dimethylphthalate	1200	U
208-96-8	Acenaphthylene	1200	U
606-20-2	2,6-Dinitrotoluene	1200	U
99-09-2	3-Nitroaniline	1200	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

227

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3812 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3812.10

Sample wt/vol: 10.42 (g/ml) G Lab File ID: BNA00584.D

Level: (low/med) LOW Date Received: 08/14/98

% Moisture: 20.13 decanted:(Y/N) N Date Extracted: 08/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/14/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1200	U
51-28-5	2,4-Dinitrophenol	1200	U
132-64-9	Dibenzofuran	1200	U
100-02-7	4-Nitrophenol	1200	U
121-14-2	2,4-Dinitrotoluene	1200	U
84-66-2	Diethylphthalate	1200	U
86-73-7	Fluorene	1200	U
7005-72-3	4-Chlorophenyl-phenylether	1200	U
100-01-6	4-Nitroaniline	1200	U
534-52-1	4,6-Dinitro-2-methylphenol	1200	U
86-30-6	n-Nitrosodiphenylamine	1200	U
103-33-3	Azobenzene	1200	U
101-55-3	4-Bromophenyl-phenylether	1200	U
118-74-1	Hexachlorobenzene	1200	U
87-86-5	Pentachlorophenol	1200	U
85-01-8	Phenanthrene	1200	U
120-12-7	Anthracene	1200	U
84-74-2	Di-n-butylphthalate	210	JB
206-44-0	Fluoranthene	1200	U
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	140	J
85-68-7	Butylbenzylphthalate	1200	U
56-55-3	Benzo[a]anthracene	1200	U
91-94-1	3,3'-Dichlorobenzidine	1200	U
218-01-9	Chrysene	1200	U
117-81-7	bis(2-Ethylhexyl)phthalate	1200	U
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo[b]fluoranthene	1200	U
207-08-9	Benzo[k]fluoranthene	1200	U
50-32-8	Benzo[a]pyrene	1200	U
193-39-5	Indeno[1,2,3-cd]pyrene	1200	U
53-70-3	Dibenz[a,h]anthracene	1200	U
191-24-2	Benzo[g,h,i]perylene	1200	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

227

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3812 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3812.10

Sample wt/vol: 10.42 (g/ml) G Lab File ID: BNA00584.D

Level: (low/med) LOW Date Received: 08/14/98

% Moisture: 20.13 decanted: (Y/N) N Date Extracted: 08/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/14/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 0

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

228

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3812 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3812.12

Sample wt/vol: 11.02 (g/ml) G Lab File ID: BNA00585.D

Level: (low/med) LOW Date Received: 08/14/98

% Moisture: 11.57 decanted:(Y/N) N Date Extracted: 08/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/14/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1000	U
62-75-9	N-nitroso-dimethylamine	1000	U
62-53-3	Aniline	1000	U
108-95-2	Phenol	1000	U
111-44-4	bis(2-Chloroethyl)ether	1000	U
95-57-8	2-Chlorophenol	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
100-51-6	Benzyl alcohol	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
	4-Methylphenol	1000	U
621-64-7	n-Nitroso-di-n-propylamine	1000	U
67-72-1	Hexachloroethane	1000	U
98-95-3	Nitrobenzene	1000	U
78-59-1	Isophorone	1000	U
88-75-5	2-Nitrophenol	1000	U
105-67-9	2,4-Dimethylphenol	1000	U
111-91-1	bis(2-Chloroethoxy)methane	1000	U
120-83-2	2,4-Dichlorophenol	1000	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	1000	U
91-20-3	Naphthalene	1000	U
106-47-8	4-Chloroaniline	1000	U
87-68-3	Hexachlorobutadiene	1000	U
59-50-7	4-Chloro-3-methylphenol	1000	U
91-57-6	2-Methylnaphthalene	1000	U
77-47-4	Hexachlorocyclopentadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	1000	U
	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	1000	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	1000	U
208-96-8	Acenaphthylene	1000	U
606-20-2	2,6-Dinitrotoluene	1000	U
99-09-2	3-Nitroaniline	1000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

228

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3812 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3812.12

Sample wt/vol: 11.02 (g/ml) G Lab File ID: BNA00585.D

Level: (low/med) LOW Date Received: 08/14/98

% Moisture: 11.57 decanted:(Y/N) N Date Extracted: 08/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/14/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	170	J
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	670	JB
206-44-0	Fluoranthene	160	J
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	270	J
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	1000	U
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	200	J
117-81-7	bis(2-Ethylhexyl)phthalate	1000	U
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	1000	U
207-08-9	Benzo[k]fluoranthene	1000	U
50-32-8	Benzo[a]pyrene	1000	U
193-39-5	Indeno[1,2,3-cd]pyrene	1000	U
53-70-3	Dibenz[a,h]anthracene	1000	U
191-24-2	Benzo[g,h,i]perylene	1000	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

228

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3812 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3812.12

Sample wt/vol: 11.02 (g/ml) G Lab File ID: BNA00585.D

Level: (low/med) LOW Date Received: 08/14/98

% Moisture: 11.57 decanted: (Y/N) N Date Extracted: 08/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/14/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 3 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	17.46	850	J
2. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.94	1200	JN
3. 074685-30-6	5-Eicosene, (E)-	24.41	4000	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

229

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3812 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3812.14

Sample wt/vol: 9.99 (g/ml) G Lab File ID: BNA00586.D

Level: (low/med) LOW Date Received: 08/14/98

% Moisture: 7.1 decanted:(Y/N) N Date Extracted: 08/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/14/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

229

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3812 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3812.14

Sample wt/vol: 9.99 (g/ml) G Lab File ID: BNA00586.D

Level: (low/med) LOW Date Received: 08/14/98

% Moisture: 7.1 decanted:(Y/N) N Date Extracted: 08/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/14/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	280	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	710	JB
206-44-0	Fluoranthene	290	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	430	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	160	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	340	J
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	130	J
207-08-9	Benzo[k]fluoranthene	200	J
50-32-8	Benzo[a]pyrene	150	J
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

229

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3812 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3812.14

Sample wt/vol: 9.99 (g/ml) G Lab File ID: BNA00586.D

Level: (low/med) LOW Date Received: 08/14/98

% Moisture: 7.1 decanted: (Y/N) N Date Extracted: 08/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/14/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 5 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	18.94	980	J
2. 077899-03-7	1-Heneicosyl formate	24.43	9300	JN
3. 001599-67-3	1-Docosene	25.94	3100	JN
4. 002363-71-5	Heneicosanoic acid	26.48	930	JN
5. 000000-00-0	1-Hexacosanal	26.94	1400	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

230

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3812 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3812.16

Sample wt/vol: 11.04 (g/ml) G Lab File ID: BNA00587.D

Level: (low/med) LOW Date Received: 08/14/98

% Moisture: 5.68 decanted:(Y/N) N Date Extracted: 08/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/14/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	960	U
62-75-9	N-nitroso-dimethylamine	960	U
62-53-3	Aniline	960	U
108-95-2	Phenol	960	U
111-44-4	bis(2-Chloroethyl)ether	960	U
95-57-8	2-Chlorophenol	960	U
541-73-1	1,3-Dichlorobenzene	960	U
106-46-7	1,4-Dichlorobenzene	960	U
100-51-6	Benzyl alcohol	960	U
95-50-1	1,2-Dichlorobenzene	960	U
	2-Methylphenol	960	U
108-60-1	bis(2-chloroisopropyl)ether	960	U
	4-Methylphenol	960	U
621-64-7	n-Nitroso-di-n-propylamine	960	U
67-72-1	Hexachloroethane	960	U
98-95-3	Nitrobenzene	960	U
78-59-1	Isophorone	960	U
88-75-5	2-Nitrophenol	960	U
105-67-9	2,4-Dimethylphenol	960	U
111-91-1	bis(2-Chloroethoxy)methane	960	U
120-83-2	2,4-Dichlorophenol	960	U
65-85-0	Benzoic Acid	960	U
120-82-1	1,2,4-Trichlorobenzene	960	U
91-20-3	Naphthalene	960	U
106-47-8	4-Chloroaniline	960	U
87-68-3	Hexachlorobutadiene	960	U
59-50-7	4-Chloro-3-methylphenol	960	U
91-57-6	2-Methylnaphthalene	960	U
77-47-4	Hexachlorocyclopentadiene	960	U
88-06-2	2,4,6-Trichlorophenol	960	U
	2,4,5-Trichlorophenol	960	U
91-58-7	2-Chloronaphthalene	960	U
88-74-4	2-Nitroaniline	960	U
131-11-3	Dimethylphthalate	960	U
208-96-8	Acenaphthylene	960	U
606-20-2	2,6-Dinitrotoluene	960	U
99-09-2	3-Nitroaniline	960	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

230

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3812 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3812.16

Sample wt/vol: 11.04 (g/ml) G Lab File ID: BNA00587.D

Level: (low/med) LOW Date Received: 08/14/98

% Moisture: 5.68 decanted:(Y/N) N Date Extracted: 08/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/14/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	960	U
51-28-5	2,4-Dinitrophenol	960	U
132-64-9	Dibenzofuran	960	U
100-02-7	4-Nitrophenol	960	U
121-14-2	2,4-Dinitrotoluene	960	U
84-66-2	Diethylphthalate	960	U
86-73-7	Fluorene	960	U
7005-72-3	4-Chlorophenyl-phenylether	960	U
100-01-6	4-Nitroaniline	960	U
534-52-1	4,6-Dinitro-2-methylphenol	960	U
86-30-6	n-Nitrosodiphenylamine	960	U
103-33-3	Azobenzene	960	U
101-55-3	4-Bromophenyl-phenylether	960	U
118-74-1	Hexachlorobenzene	960	U
87-86-5	Pentachlorophenol	960	U
85-01-8	Phenanthrene	310	J
120-12-7	Anthracene	960	U
84-74-2	Di-n-butylphthalate	470	JB
206-44-0	Fluoranthene	360	J
92-87-5	Benzidine	960	U
129-00-0	Pyrene	550	J
85-68-7	Butylbenzylphthalate	960	U
56-55-3	Benzo[a]anthracene	190	J
91-94-1	3,3'-Dichlorobenzidine	960	U
218-01-9	Chrysene	450	J
117-81-7	bis(2-Ethylhexyl)phthalate	960	U
117-84-0	Di-n-octylphthalate	960	U
205-99-2	Benzo[b]fluoranthene	180	J
207-08-9	Benzo[k]fluoranthene	210	J
50-32-8	Benzo[a]pyrene	210	J
193-39-5	Indeno[1,2,3-cd]pyrene	120	J
53-70-3	Dibenz[a,h]anthracene	960	U
191-24-2	Benzo[g,h,i]perylene	130	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

230

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3812 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3812.16

Sample wt/vol: 11.04 (g/ml) G Lab File ID: BNA00587.D

Level: (low/med) LOW Date Received: 08/14/98

% Moisture: 5.68 decanted: (Y/N) N Date Extracted: 08/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/14/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 11 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.94	780	JN
2. 001454-84-8	1-Nonadecanol	24.41	3900	JN
3. 001599-67-3	1-Docosene	25.93	2500	JN
4. 000000-00-0	1-Hexacosanal	26.93	1400	JN
5.	unknown	27.35	3800	J
6.	unknown	28.28	1300	J
7. 000629-99-2	Pentacosane	28.64	2800	JN
8.	unknown	28.68	1900	J
9. 000638-66-4	Octadecanal	29.59	1400	JN
10. 000629-94-7	Heneicosane	29.95	1200	JN
11.	unknown	31.20	1100	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

231

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3812 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3812.18

Sample wt/vol: 10.85 (g/ml) G Lab File ID: BNA00588.D

Level: (low/med) LOW Date Received: 08/14/98

% Moisture: 4.51 decanted:(Y/N) N Date Extracted: 08/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/14/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	970	U
62-75-9	N-nitroso-dimethylamine	970	U
62-53-3	Aniline	970	U
108-95-2	Phenol	970	U
111-44-4	bis(2-Chloroethyl)ether	970	U
95-57-8	2-Chlorophenol	970	U
541-73-1	1,3-Dichlorobenzene	970	U
106-46-7	1,4-Dichlorobenzene	970	U
100-51-6	Benzyl alcohol	970	U
95-50-1	1,2-Dichlorobenzene	970	U
	2-Methylphenol	970	U
108-60-1	bis(2-chloroisopropyl)ether	970	U
	4-Methylphenol	970	U
621-64-7	n-Nitroso-di-n-propylamine	970	U
67-72-1	Hexachloroethane	970	U
98-95-3	Nitrobenzene	970	U
78-59-1	Isophorone	970	U
88-75-5	2-Nitrophenol	970	U
105-67-9	2,4-Dimethylphenol	970	U
111-91-1	bis(2-Chloroethoxy)methane	970	U
120-83-2	2,4-Dichlorophenol	970	U
65-85-0	Benzoic Acid	970	U
120-82-1	1,2,4-Trichlorobenzene	970	U
91-20-3	Naphthalene	970	U
106-47-8	4-Chloroaniline	970	U
87-68-3	Hexachlorobutadiene	970	U
59-50-7	4-Chloro-3-methylphenol	970	U
91-57-6	2-Methylnaphthalene	970	U
77-47-4	Hexachlorocyclopentadiene	970	U
88-06-2	2,4,6-Trichlorophenol	970	U
	2,4,5-Trichlorophenol	970	U
91-58-7	2-Chloronaphthalene	970	U
88-74-4	2-Nitroaniline	970	U
131-11-3	Dimethylphthalate	970	U
208-96-8	Acenaphthylene	970	U
606-20-2	2,6-Dinitrotoluene	970	U
99-09-2	3-Nitroaniline	970	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

231

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3812 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3812.18

Sample wt/vol: 10.85 (g/ml) G Lab File ID: BNA00588.D

Level: (low/med) LOW Date Received: 08/14/98

% Moisture: 4.51 decanted:(Y/N) N Date Extracted: 08/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/14/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	970	U
51-28-5	2,4-Dinitrophenol	970	U
132-64-9	Dibenzofuran	970	U
100-02-7	4-Nitrophenol	970	U
121-14-2	2,4-Dinitrotoluene	970	U
84-66-2	Diethylphthalate	970	U
86-73-7	Fluorene	970	U
7005-72-3	4-Chlorophenyl-phenylether	970	U
100-01-6	4-Nitroaniline	970	U
534-52-1	4,6-Dinitro-2-methylphenol	970	U
86-30-6	n-Nitrosodiphenylamine	970	U
103-33-3	Azobenzene	970	U
101-55-3	4-Bromophenyl-phenylether	970	U
118-74-1	Hexachlorobenzene	970	U
87-86-5	Pentachlorophenol	970	U
85-01-8	Phenanthrene	970	U
120-12-7	Anthracene	970	U
84-74-2	Di-n-butylphthalate	160	JB
206-44-0	Fluoranthene	250	J
92-87-5	Benzidine	970	U
129-00-0	Pyrene	380	J
85-68-7	Butylbenzylphthalate	970	U
56-55-3	Benzo[a]anthracene	130	J
91-94-1	3,3'-Dichlorobenzidine	970	U
218-01-9	Chrysene	350	J
117-81-7	bis(2-Ethylhexyl)phthalate	970	U
117-84-0	Di-n-octylphthalate	970	U
205-99-2	Benzo[b]fluoranthene	140	J
207-08-9	Benzo[k]fluoranthene	160	J
50-32-8	Benzo[a]pyrene	150	J
193-39-5	Indeno[1,2,3-cd]pyrene	970	U
53-70-3	Dibenz[a,h]anthracene	970	U
191-24-2	Benzo[g,h,i]perylene	970	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

231

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3812 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3812.18

Sample wt/vol: 10.85 (g/ml) G Lab File ID: BNA00588.D

Level: (low/med) LOW Date Received: 08/14/98

% Moisture: 4.51 decanted: (Y/N) N Date Extracted: 08/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/14/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 074685-30-6	5-Eicosene, (E)-	24.41	3400	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

232

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3827 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3827.02

Sample wt/vol: 10.58 (g/ml) G Lab File ID: BNA00608.D

Level: (low/med) LOW Date Received: 08/25/98

% Moisture: 7.24 decanted:(Y/N) N Date Extracted: 08/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/15/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1000	U
62-75-9	N-nitroso-dimethylamine	1000	U
62-53-3	Aniline	1000	U
108-95-2	Phenol	1000	U
111-44-4	bis(2-Chloroethyl)ether	1000	U
95-57-8	2-Chlorophenol	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
100-51-6	Benzyl alcohol	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
	4-Methylphenol	1000	U
621-64-7	n-Nitroso-di-n-propylamine	1000	U
67-72-1	Hexachloroethane	1000	U
98-95-3	Nitrobenzene	1000	U
78-59-1	Isophorone	1000	U
88-75-5	2-Nitrophenol	1000	U
105-67-9	2,4-Dimethylphenol	1000	U
111-91-1	bis(2-Chloroethoxy)methane	1000	U
120-83-2	2,4-Dichlorophenol	1000	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	1000	U
91-20-3	Naphthalene	1000	U
106-47-8	4-Chloroaniline	1000	U
87-68-3	Hexachlorobutadiene	1000	U
59-50-7	4-Chloro-3-methylphenol	1000	U
91-57-6	2-Methylnaphthalene	1000	U
77-47-4	Hexachlorocyclopentadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	1000	U
	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	1000	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	1000	U
208-96-8	Acenaphthylene	1000	U
606-20-2	2,6-Dinitrotoluene	1000	U
99-09-2	3-Nitroaniline	1000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

232

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3827 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3827.02

Sample wt/vol: 10.58 (g/ml) G Lab File ID: BNA00608.D

Level: (low/med) LOW Date Received: 08/25/98

% Moisture: 7.24 decanted:(Y/N) N Date Extracted: 08/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/15/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	1000	U
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	420	J
206-44-0	Fluoranthene	130	J
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	200	J
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	1000	U
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	1000	U
117-81-7	bis(2-Ethylhexyl)phthalate	1000	U
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	1000	U
207-08-9	Benzo[k]fluoranthene	1000	U
50-32-8	Benzo[a]pyrene	1000	U
193-39-5	Indeno[1,2,3-cd]pyrene	1000	U
53-70-3	Dibenz[a,h]anthracene	1000	U
191-24-2	Benzo[g,h,i]perylene	1000	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

232

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3827 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3827.02

Sample wt/vol: 10.58 (g/ml) G Lab File ID: BNA00608.D

Level: (low/med) LOW Date Received: 08/25/98

% Moisture: 7.24 decanted: (Y/N) N Date Extracted: 08/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/15/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 074685-30-6	5-Eicosene, (E)-	24.41	5100	JN
2. 040710-42-7	1-Hentetracontanol	25.93	2100	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

233

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3827 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3827.04

Sample wt/vol: 10.77 (g/ml) G Lab File ID: BNA00589.D

Level: (low/med) LOW Date Received: 08/25/98

% Moisture: 11.6 decanted:(Y/N) N Date Extracted: 08/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/14/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	230	J
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

233

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3827 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3827.04

Sample wt/vol: 10.77 (g/ml) G Lab File ID: BNA00589.D

Level: (low/med) LOW Date Received: 08/25/98

% Moisture: 11.6 decanted:(Y/N) N Date Extracted: 08/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/14/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	590	J
120-12-7	Anthracene	170	J
84-74-2	Di-n-butylphthalate	450	J
206-44-0	Fluoranthene	950	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1200	
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	570	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1000	J
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	450	J
207-08-9	Benzo[k]fluoranthene	620	J
50-32-8	Benzo[a]pyrene	570	J
193-39-5	Indeno[1,2,3-cd]pyrene	330	J
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	290	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

233

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3827 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3827.04

Sample wt/vol: 10.77 (g/ml) G Lab File ID: BNA00589.D

Level: (low/med) LOW Date Received: 08/25/98

% Moisture: 11.6 decanted: (Y/N) N Date Extracted: 08/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/14/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 007704-34-9	Sulfur	20.65	1500	JN
2. 077899-03-7	1-Heneicosyl formate	24.41	3900	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

234

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3827 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3827.06

Sample wt/vol: 10.33 (g/ml) G Lab File ID: BNA00590.D

Level: (low/med) LOW Date Received: 08/25/98

% Moisture: 16.48 decanted:(Y/N) N Date Extracted: 08/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/14/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1200	U
62-75-9	N-nitroso-dimethylamine	1200	U
62-53-3	Aniline	1200	U
108-95-2	Phenol	1200	U
111-44-4	bis(2-Chloroethyl)ether	1200	U
95-57-8	2-Chlorophenol	1200	U
541-73-1	1,3-Dichlorobenzene	1200	U
106-46-7	1,4-Dichlorobenzene	1200	U
100-51-6	Benzyl alcohol	1200	U
95-50-1	1,2-Dichlorobenzene	1200	U
	2-Methylphenol	1200	U
108-60-1	bis(2-chloroisopropyl)ether	1200	U
	4-Methylphenol	1200	U
621-64-7	n-Nitroso-di-n-propylamine	1200	U
67-72-1	Hexachloroethane	1200	U
98-95-3	Nitrobenzene	1200	U
78-59-1	Isophorone	1200	U
88-75-5	2-Nitrophenol	1200	U
105-67-9	2,4-Dimethylphenol	1200	U
111-91-1	bis(2-Chloroethoxy)methane	1200	U
120-83-2	2,4-Dichlorophenol	1200	U
65-85-0	Benzoic Acid	1200	U
120-82-1	1,2,4-Trichlorobenzene	1200	U
91-20-3	Naphthalene	1200	U
106-47-8	4-Chloroaniline	1200	U
87-68-3	Hexachlorobutadiene	1200	U
59-50-7	4-Chloro-3-methylphenol	1200	U
91-57-6	2-Methylnaphthalene	1200	U
77-47-4	Hexachlorocyclopentadiene	1200	U
88-06-2	2,4,6-Trichlorophenol	1200	U
	2,4,5-Trichlorophenol	1200	U
91-58-7	2-Chloronaphthalene	1200	U
88-74-4	2-Nitroaniline	1200	U
131-11-3	Dimethylphthalate	1200	U
208-96-8	Acenaphthylene	1200	U
606-20-2	2,6-Dinitrotoluene	1200	U
99-09-2	3-Nitroaniline	1200	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

234

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3827 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3827.06

Sample wt/vol: 10.33 (g/ml) G Lab File ID: BNA00590.D

Level: (low/med) LOW Date Received: 08/25/98

% Moisture: 16.48 decanted:(Y/N) N Date Extracted: 08/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/14/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	210	J
51-28-5	2,4-Dinitrophenol	1200	U
132-64-9	Dibenzofuran	1200	U
100-02-7	4-Nitrophenol	1200	U
121-14-2	2,4-Dinitrotoluene	1200	U
84-66-2	Diethylphthalate	1200	U
86-73-7	Fluorene	260	J
7005-72-3	4-Chlorophenyl-phenylether	1200	U
100-01-6	4-Nitroaniline	1200	U
534-52-1	4,6-Dinitro-2-methylphenol	1200	U
86-30-6	n-Nitrosodiphenylamine	1200	U
103-33-3	Azobenzene	1200	U
101-55-3	4-Bromophenyl-phenylether	1200	U
118-74-1	Hexachlorobenzene	1200	U
87-86-5	Pentachlorophenol	1200	U
85-01-8	Phenanthrene	3200	
120-12-7	Anthracene	750	J
84-74-2	Di-n-butylphthalate	580	J
206-44-0	Fluoranthene	5100	
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	4700	
85-68-7	Butylbenzylphthalate	1200	U
56-55-3	Benzo[a]anthracene	2100	
91-94-1	3,3'-Dichlorobenzidine	1200	U
218-01-9	Chrysene	3100	
117-81-7	bis(2-Ethylhexyl)phthalate	130	J
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo[b]fluoranthene	1600	
207-08-9	Benzo[k]fluoranthene	1500	
50-32-8	Benzo[a]pyrene	1600	
193-39-5	Indeno[1,2,3-cd]pyrene	880	J
53-70-3	Dibenz[a,h]anthracene	1200	U
191-24-2	Benzo[g,h,i]perylene	650	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

234

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3827 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3827.06

Sample wt/vol: 10.33 (g/ml) G Lab File ID: BNA00590.D

Level: (low/med) LOW Date Received: 08/25/98

% Moisture: 16.48 decanted: (Y/N) N Date Extracted: 08/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/14/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 7 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000629-96-9	1-Eicosanol	24.41	5900	JN
2. 006624-79-9	1-Dotriacontanol	25.93	3000	JN
3.	unknown	27.35	1900	J
4. 000629-80-1	Hexadecanal	28.28	1100	JN
5. 000630-06-8	Hexatriacontane	28.64	1300	JN
6. 074685-33-9	3-Eicosene, (E)-	28.68	1900	JN
7.	unknown	29.59	1400	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

235

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3827 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3827.08

Sample wt/vol: 10.58 (g/ml) G Lab File ID: BNA00591.D

Level: (low/med) LOW Date Received: 08/25/98

% Moisture: 9.22 decanted:(Y/N) N Date Extracted: 08/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/14/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1000	U
62-75-9	N-nitroso-dimethylamine	1000	U
62-53-3	Aniline	1000	U
108-95-2	Phenol	1000	U
111-44-4	bis(2-Chloroethyl)ether	1000	U
95-57-8	2-Chlorophenol	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
100-51-6	Benzyl alcohol	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
	4-Methylphenol	1000	U
621-64-7	n-Nitroso-di-n-propylamine	1000	U
67-72-1	Hexachloroethane	1000	U
98-95-3	Nitrobenzene	1000	U
78-59-1	Isophorone	1000	U
88-75-5	2-Nitrophenol	1000	U
105-67-9	2,4-Dimethylphenol	1000	U
111-91-1	bis(2-Chloroethoxy)methane	1000	U
120-83-2	2,4-Dichlorophenol	1000	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	1000	U
91-20-3	Naphthalene	1000	U
106-47-8	4-Chloroaniline	1000	U
87-68-3	Hexachlorobutadiene	1000	U
59-50-7	4-Chloro-3-methylphenol	1000	U
91-57-6	2-Methylnaphthalene	1000	U
77-47-4	Hexachlorocyclopentadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	1000	U
	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	1000	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	1000	U
208-96-8	Acenaphthylene	1000	U
606-20-2	2,6-Dinitrotoluene	1000	U
99-09-2	3-Nitroaniline	1000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

235

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3827 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3827.08

Sample wt/vol: 10.58 (g/ml) G Lab File ID: BNA00591.D

Level: (low/med) LOW Date Received: 08/25/98

% Moisture: 9.22 decanted:(Y/N) N Date Extracted: 08/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/14/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	370	J
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	410	J
206-44-0	Fluoranthene	410	J
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	570	J
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	220	J
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	450	J
117-81-7	bis(2-Ethylhexyl)phthalate	1000	U
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	200	J
207-08-9	Benzo[k]fluoranthene	240	J
50-32-8	Benzo[a]pyrene	210	J
193-39-5	Indeno[1,2,3-cd]pyrene	1000	U
53-70-3	Dibenz[a,h]anthracene	1000	U
191-24-2	Benzo[g,h,i]perylene	120	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

235

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3827 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3827.08

Sample wt/vol: 10.58 (g/ml) G Lab File ID: BNA00591.D

Level: (low/med) LOW Date Received: 08/25/98

% Moisture: 9.22 decanted: (Y/N) N Date Extracted: 08/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/14/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 10 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 074685-30-6	5-Eicosene, (E)-	24.42	6200	JN
2. 001599-67-3	1-Docosene	25.93	2900	JN
3. 000057-11-4	Octadecanoic acid	26.48	910	JN
4. 000000-00-0	1-Hexacosanal	26.93	1400	JN
5. 000124-25-4	Tetradecanal	28.29	1500	JN
6. 000630-06-8	Hexatriacontane	28.64	1900	JN
7.	unknown	28.69	1800	J
8. 056554-86-0	17-Octadecenal	29.60	2000	JN
9.	unknown	29.95	1100	J
10.	unknown	31.21	1000	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

236

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3827 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3827.10

Sample wt/vol: 10.36 (g/ml) G Lab File ID: BNA00609.D

Level: (low/med) LOW Date Received: 08/25/98

% Moisture: 12.85 decanted:(Y/N) N Date Extracted: 08/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/15/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	200	J
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

236

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3827 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3827.10

Sample wt/vol: 10.36 (g/ml) G Lab File ID: BNA00609.D

Level: (low/med) LOW Date Received: 08/25/98

% Moisture: 12.85 decanted:(Y/N) N Date Extracted: 08/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/15/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	670	J
120-12-7	Anthracene	120	J
84-74-2	Di-n-butylphthalate	280	J
206-44-0	Fluoranthene	700	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	380	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	860	J
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	340	J
207-08-9	Benzo[k]fluoranthene	420	J
50-32-8	Benzo[a]pyrene	400	J
193-39-5	Indeno[1,2,3-cd]pyrene	180	J
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	190	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

236

Lab Name: FMETL NJDEP: M-5

Project: 13461 Case No.: 3827 Location: 980211 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3827.10

Sample wt/vol: 10.36 (g/ml) G Lab File ID: BNA00609.D

Level: (low/med) LOW Date Received: 08/25/98

% Moisture: 12.85 decanted: (Y/N) N Date Extracted: 08/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/15/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 6 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000072-54-8	1,1-Dichloro-2,2-bis(p-chlorophen	22.72	970	JN
2. 001454-84-8	1-Nonadecanol	24.41	4900	JN
3. 000295-48-7	Cyclopentadecane	25.94	4300	JN
4. 000000-00-0	1-Hexacosanal	26.93	1500	JN
5. 000630-06-8	Hexatriacontane	28.64	2000	JN
6. 056554-89-3	14-Octadecenal	29.59	1900	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

237

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3836 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3836.02

Sample wt/vol: 10.08 (g/ml) G Lab File ID: BNA00701.D

Level: (low/med) LOW Date Received: 08/27/98

% Moisture: 5.93 decanted:(Y/N) N Date Extracted: 08/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/21/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

237

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3836 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3836.02

Sample wt/vol: 10.08 (g/ml) G Lab File ID: BNA00701.D

Level: (low/med) LOW Date Received: 08/27/98

% Moisture: 5.93 decanted:(Y/N) N Date Extracted: 08/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/21/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	300	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	320	J
206-44-0	Fluoranthene	310	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	610	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	220	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	490	J
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

237

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3836 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3836.02

Sample wt/vol: 10.08 (g/ml) G Lab File ID: BNA00701.D

Level: (low/med) LOW Date Received: 08/27/98

% Moisture: 5.93 decanted: (Y/N) N Date Extracted: 08/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/21/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 074685-30-6	5-Eicosene, (E)-	24.38	4500	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

238

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3836 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3836.04

Sample wt/vol: 10.31 (g/ml) G Lab File ID: BNA00702.D

Level: (low/med) LOW Date Received: 08/27/98

% Moisture: 4.67 decanted:(Y/N) N Date Extracted: 08/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/21/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1000	U
62-75-9	N-nitroso-dimethylamine	1000	U
62-53-3	Aniline	1000	U
108-95-2	Phenol	1000	U
111-44-4	bis(2-Chloroethyl)ether	1000	U
95-57-8	2-Chlorophenol	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
100-51-6	Benzyl alcohol	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
	4-Methylphenol	1000	U
621-64-7	n-Nitroso-di-n-propylamine	1000	U
67-72-1	Hexachloroethane	1000	U
98-95-3	Nitrobenzene	1000	U
78-59-1	Isophorone	1000	U
88-75-5	2-Nitrophenol	1000	U
105-67-9	2,4-Dimethylphenol	1000	U
111-91-1	bis(2-Chloroethoxy)methane	1000	U
120-83-2	2,4-Dichlorophenol	1000	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	1000	U
91-20-3	Naphthalene	1000	U
106-47-8	4-Chloroaniline	1000	U
87-68-3	Hexachlorobutadiene	1000	U
59-50-7	4-Chloro-3-methylphenol	1000	U
91-57-6	2-Methylnaphthalene	1000	U
77-47-4	Hexachlorocyclopentadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	1000	U
	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	1000	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	1000	U
208-96-8	Acenaphthylene	1000	U
606-20-2	2,6-Dinitrotoluene	1000	U
99-09-2	3-Nitroaniline	1000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

238

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3836 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3836.04

Sample wt/vol: 10.31 (g/ml) G Lab File ID: BNA00702.D

Level: (low/med) LOW Date Received: 08/27/98

% Moisture: 4.67 decanted:(Y/N) N Date Extracted: 08/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/21/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	440	J
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	1000	U
206-44-0	Fluoranthene	350	J
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	580	J
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	200	J
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	410	J
117-81-7	bis(2-Ethylhexyl)phthalate	1000	U
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	1000	U
207-08-9	Benzo[k]fluoranthene	1000	U
50-32-8	Benzo[a]pyrene	1000	U
193-39-5	Indeno[1,2,3-cd]pyrene	1000	U
53-70-3	Dibenz[a,h]anthracene	1000	U
191-24-2	Benzo[g,h,i]perylene	1000	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

238

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3836 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3836.04

Sample wt/vol: 10.31 (g/ml) G Lab File ID: BNA00702.D

Level: (low/med) LOW Date Received: 08/27/98

% Moisture: 4.67 decanted: (Y/N) N Date Extracted: 08/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/21/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000050-29-3	Chlorophenothane	23.36	950	JN
2. 074685-30-6	5-Eicosene, (E)-	24.38	4000	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

239

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3836 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3836.06

Sample wt/vol: 10.48 (g/ml) G Lab File ID: BNA00703.D

Level: (low/med) LOW Date Received: 08/27/98

% Moisture: 11.08 decanted:(Y/N) N Date Extracted: 08/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/21/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	340	J
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

239

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3836 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3836.06

Sample wt/vol: 10.48 (g/ml) G Lab File ID: BNA00703.D

Level: (low/med) LOW Date Received: 08/27/98

% Moisture: 11.08 decanted:(Y/N) N Date Extracted: 08/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/21/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	1000	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	190	J
206-44-0	Fluoranthene	950	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1800	
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	550	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1300	
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	500	J
207-08-9	Benzo[k]fluoranthene	520	J
50-32-8	Benzo[a]pyrene	560	J
193-39-5	Indeno[1,2,3-cd]pyrene	240	J
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	230	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

239

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3836 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3836.06

Sample wt/vol: 10.48 (g/ml) G Lab File ID: BNA00703.D

Level: (low/med) LOW Date Received: 08/27/98

% Moisture: 11.08 decanted: (Y/N) N Date Extracted: 08/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/21/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 0

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

240

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3836 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3836.08

Sample wt/vol: 10.88 (g/ml) G Lab File ID: BNA00704.D

Level: (low/med) LOW Date Received: 08/27/98

% Moisture: 11.37 decanted:(Y/N) N Date Extracted: 08/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/21/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1000	U
62-75-9	N-nitroso-dimethylamine	1000	U
62-53-3	Aniline	1000	U
108-95-2	Phenol	1000	U
111-44-4	bis(2-Chloroethyl)ether	1000	U
95-57-8	2-Chlorophenol	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
100-51-6	Benzyl alcohol	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
	4-Methylphenol	1000	U
621-64-7	n-Nitroso-di-n-propylamine	1000	U
67-72-1	Hexachloroethane	1000	U
98-95-3	Nitrobenzene	1000	U
78-59-1	Isophorone	1000	U
88-75-5	2-Nitrophenol	1000	U
105-67-9	2,4-Dimethylphenol	1000	U
111-91-1	bis(2-Chloroethoxy)methane	1000	U
120-83-2	2,4-Dichlorophenol	1000	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	1000	U
91-20-3	Naphthalene	1000	U
106-47-8	4-Chloroaniline	1000	U
87-68-3	Hexachlorobutadiene	1000	U
59-50-7	4-Chloro-3-methylphenol	1000	U
91-57-6	2-Methylnaphthalene	1000	U
77-47-4	Hexachlorocyclopentadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	1000	U
	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	1000	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	1000	U
208-96-8	Acenaphthylene	260	J
606-20-2	2,6-Dinitrotoluene	1000	U
99-09-2	3-Nitroaniline	1000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

240

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3836 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3836.08

Sample wt/vol: 10.88 (g/ml) G Lab File ID: BNA00704.D

Level: (low/med) LOW Date Received: 08/27/98

% Moisture: 11.37 decanted:(Y/N) N Date Extracted: 08/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/21/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	990	J
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	440	J
206-44-0	Fluoranthene	850	J
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	1600	
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	510	J
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	1100	
117-81-7	bis(2-Ethylhexyl)phthalate	1000	U
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	410	J
207-08-9	Benzo[k]fluoranthene	470	J
50-32-8	Benzo[a]pyrene	510	J
193-39-5	Indeno[1,2,3-cd]pyrene	210	J
53-70-3	Dibenz[a,h]anthracene	1000	U
191-24-2	Benzo[g,h,i]perylene	220	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

240

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3836 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3836.08

Sample wt/vol: 10.88 (g/ml) G Lab File ID: BNA00704.D

Level: (low/med) LOW Date Received: 08/27/98

% Moisture: 11.37 decanted: (Y/N) N Date Extracted: 08/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/21/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 15 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000112-88-9	1-Octadecene	24.38	4300	JN
2. 000295-65-8	Cyclohexadecane	25.91	5800	JN
3.	unknown	26.44	1300	J
4. 000000-00-0	1-Hexacosanal	26.91	5000	JN
5.	unknown	27.13	1500	J
6. 074685-33-9	3-Eicosene, (E)-	27.32	4100	JN
7. 000638-66-4	Octadecanal	28.26	3500	JN
8. 000629-94-7	Heneicosane	28.61	5100	JN
9. 056009-20-2	Cyclohexane, 1-(1,5-dimethylhex	28.66	1400	JN
10.	unknown	28.77	1100	J
11. 007390-81-0	Oxirane, hexadecyl-	29.56	3800	JN
12.	unknown	29.70	1000	J
13.	unknown	29.92	3100	J
14.	unknown	30.23	920	J
15.	unknown	31.16	2700	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

241

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3836 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3836.10

Sample wt/vol: 10.66 (g/ml) G Lab File ID: BNA00705.D

Level: (low/med) LOW Date Received: 08/27/98

% Moisture: 9.08 decanted:(Y/N) N Date Extracted: 08/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/21/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1000	U
62-75-9	N-nitroso-dimethylamine	1000	U
62-53-3	Aniline	1000	U
108-95-2	Phenol	1000	U
111-44-4	bis(2-Chloroethyl)ether	1000	U
95-57-8	2-Chlorophenol	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
100-51-6	Benzyl alcohol	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
	4-Methylphenol	1000	U
621-64-7	n-Nitroso-di-n-propylamine	1000	U
67-72-1	Hexachloroethane	1000	U
98-95-3	Nitrobenzene	1000	U
78-59-1	Isophorone	1000	U
88-75-5	2-Nitrophenol	1000	U
105-67-9	2,4-Dimethylphenol	1000	U
111-91-1	bis(2-Chloroethoxy)methane	1000	U
120-83-2	2,4-Dichlorophenol	1000	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	1000	U
91-20-3	Naphthalene	1000	U
106-47-8	4-Chloroaniline	1000	U
87-68-3	Hexachlorobutadiene	1000	U
59-50-7	4-Chloro-3-methylphenol	1000	U
91-57-6	2-Methylnaphthalene	1000	U
77-47-4	Hexachlorocyclopentadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	1000	U
	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	1000	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	1000	U
208-96-8	Acenaphthylene	1000	U
606-20-2	2,6-Dinitrotoluene	1000	U
99-09-2	3-Nitroaniline	1000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

241

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3836 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3836.10

Sample wt/vol: 10.66 (g/ml) G Lab File ID: BNA00705.D

Level: (low/med) LOW Date Received: 08/27/98

% Moisture: 9.08 decanted:(Y/N) N Date Extracted: 08/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/21/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	210	J
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	420	J
206-44-0	Fluoranthene	250	J
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	390	J
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	1000	U
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	1000	U
117-81-7	bis(2-Ethylhexyl)phthalate	1000	U
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	1000	U
207-08-9	Benzo[k]fluoranthene	1000	U
50-32-8	Benzo[a]pyrene	1000	U
193-39-5	Indeno[1,2,3-cd]pyrene	1000	U
53-70-3	Dibenz[a,h]anthracene	1000	U
191-24-2	Benzo[g,h,i]perylene	1000	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

241

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3836 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3836.10

Sample wt/vol: 10.66 (g/ml) G Lab File ID: BNA00705.D

Level: (low/med) LOW Date Received: 08/27/98

% Moisture: 9.08 decanted: (Y/N) N Date Extracted: 08/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/21/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 4 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 074685-30-6	5-Eicosene, (E)-	24.38	4900	JN
2. 019047-85-9	Phosphonic acid, dioctadecyl este	25.90	4200	JN
3.	unknown	26.45	1400	J
4. 000000-00-0	1-Hexacosanal	26.90	2200	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

242

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3836 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3836.12

Sample wt/vol: 10.78 (g/ml) G Lab File ID: BNA00706.D

Level: (low/med) LOW Date Received: 08/27/98

% Moisture: 6.6 decanted:(Y/N) N Date Extracted: 08/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/21/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	990	U
62-75-9	N-nitroso-dimethylamine	990	U
62-53-3	Aniline	990	U
108-95-2	Phenol	990	U
111-44-4	bis(2-Chloroethyl)ether	990	U
95-57-8	2-Chlorophenol	990	U
541-73-1	1,3-Dichlorobenzene	990	U
106-46-7	1,4-Dichlorobenzene	990	U
100-51-6	Benzyl alcohol	990	U
95-50-1	1,2-Dichlorobenzene	990	U
	2-Methylphenol	990	U
108-60-1	bis(2-chloroisopropyl)ether	990	U
	4-Methylphenol	990	U
621-64-7	n-Nitroso-di-n-propylamine	990	U
67-72-1	Hexachloroethane	990	U
98-95-3	Nitrobenzene	990	U
78-59-1	Isophorone	990	U
88-75-5	2-Nitrophenol	990	U
105-67-9	2,4-Dimethylphenol	990	U
111-91-1	bis(2-Chloroethoxy)methane	990	U
120-83-2	2,4-Dichlorophenol	990	U
65-85-0	Benzoic Acid	990	U
120-82-1	1,2,4-Trichlorobenzene	990	U
91-20-3	Naphthalene	990	U
106-47-8	4-Chloroaniline	990	U
87-68-3	Hexachlorobutadiene	990	U
59-50-7	4-Chloro-3-methylphenol	990	U
91-57-6	2-Methylnaphthalene	990	U
77-47-4	Hexachlorocyclopentadiene	990	U
88-06-2	2,4,6-Trichlorophenol	990	U
	2,4,5-Trichlorophenol	990	U
91-58-7	2-Chloronaphthalene	990	U
88-74-4	2-Nitroaniline	990	U
131-11-3	Dimethylphthalate	990	U
208-96-8	Acenaphthylene	990	U
606-20-2	2,6-Dinitrotoluene	990	U
99-09-2	3-Nitroaniline	990	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

242

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3836 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3836.12

Sample wt/vol: 10.78 (g/ml) G Lab File ID: BNA00706.D

Level: (low/med) LOW Date Received: 08/27/98

% Moisture: 6.6 decanted:(Y/N) N Date Extracted: 08/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/21/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	990	U
51-28-5	2,4-Dinitrophenol	990	U
132-64-9	Dibenzofuran	990	U
100-02-7	4-Nitrophenol	990	U
121-14-2	2,4-Dinitrotoluene	990	U
84-66-2	Diethylphthalate	990	U
86-73-7	Fluorene	990	U
7005-72-3	4-Chlorophenyl-phenylether	990	U
100-01-6	4-Nitroaniline	990	U
534-52-1	4,6-Dinitro-2-methylphenol	990	U
86-30-6	n-Nitrosodiphenylamine	990	U
103-33-3	Azobenzene	990	U
101-55-3	4-Bromophenyl-phenylether	990	U
118-74-1	Hexachlorobenzene	990	U
87-86-5	Pentachlorophenol	990	U
85-01-8	Phenanthrene	990	U
120-12-7	Anthracene	990	U
84-74-2	Di-n-butylphthalate	990	U
206-44-0	Fluoranthene	180	J
92-87-5	Benzidine	990	U
129-00-0	Pyrene	310	J
85-68-7	Butylbenzylphthalate	990	U
56-55-3	Benzo[a]anthracene	990	U
91-94-1	3,3'-Dichlorobenzidine	990	U
218-01-9	Chrysene	990	U
117-81-7	bis(2-Ethylhexyl)phthalate	990	U
117-84-0	Di-n-octylphthalate	990	U
205-99-2	Benzo[b]fluoranthene	990	U
207-08-9	Benzo[k]fluoranthene	990	U
50-32-8	Benzo[a]pyrene	990	U
193-39-5	Indeno[1,2,3-cd]pyrene	990	U
53-70-3	Dibenz[a,h]anthracene	990	U
191-24-2	Benzo[g,h,i]perylene	990	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

242

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3836 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3836.12

Sample wt/vol: 10.78 (g/ml) G Lab File ID: BNA00706.D

Level: (low/med) LOW Date Received: 08/27/98

% Moisture: 6.6 decanted: (Y/N) N Date Extracted: 08/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/21/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 3 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000057-10-3	Hexadecanoic acid	19.81	1100	JN
2. 006765-39-5	1-Heptadecene	24.38	5200	JN
3. 006971-40-0	17-Pentatriacontene	25.90	950	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

243

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3836 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3836.14

Sample wt/vol: 10.98 (g/ml) G Lab File ID: BNA00707.D

Level: (low/med) LOW Date Received: 08/27/98

% Moisture: 33.06 decanted:(Y/N) N Date Extracted: 08/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/21/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1400	U
62-75-9	N-nitroso-dimethylamine	1400	U
62-53-3	Aniline	1400	U
108-95-2	Phenol	1400	U
111-44-4	bis(2-Chloroethyl)ether	1400	U
95-57-8	2-Chlorophenol	1400	U
541-73-1	1,3-Dichlorobenzene	1400	U
106-46-7	1,4-Dichlorobenzene	1400	U
100-51-6	Benzyl alcohol	1400	U
95-50-1	1,2-Dichlorobenzene	1400	U
	2-Methylphenol	1400	U
108-60-1	bis(2-chloroisopropyl)ether	1400	U
	4-Methylphenol	1400	U
621-64-7	n-Nitroso-di-n-propylamine	1400	U
67-72-1	Hexachloroethane	1400	U
98-95-3	Nitrobenzene	1400	U
78-59-1	Isophorone	1400	U
88-75-5	2-Nitrophenol	1400	U
105-67-9	2,4-Dimethylphenol	1400	U
111-91-1	bis(2-Chloroethoxy)methane	1400	U
120-83-2	2,4-Dichlorophenol	1400	U
65-85-0	Benzoic Acid	1400	U
120-82-1	1,2,4-Trichlorobenzene	1400	U
91-20-3	Naphthalene	1400	U
106-47-8	4-Chloroaniline	1400	U
87-68-3	Hexachlorobutadiene	1400	U
59-50-7	4-Chloro-3-methylphenol	1400	U
91-57-6	2-Methylnaphthalene	1400	U
77-47-4	Hexachlorocyclopentadiene	1400	U
88-06-2	2,4,6-Trichlorophenol	1400	U
	2,4,5-Trichlorophenol	1400	U
91-58-7	2-Chloronaphthalene	1400	U
88-74-4	2-Nitroaniline	1400	U
131-11-3	Dimethylphthalate	1400	U
208-96-8	Acenaphthylene	1400	U
606-20-2	2,6-Dinitrotoluene	1400	U
99-09-2	3-Nitroaniline	1400	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

243

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3836 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3836.14

Sample wt/vol: 10.98 (g/ml) G Lab File ID: BNA00707.D

Level: (low/med) LOW Date Received: 08/27/98

% Moisture: 33.06 decanted:(Y/N) N Date Extracted: 08/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/21/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1400	U
51-28-5	2,4-Dinitrophenol	1400	U
132-64-9	Dibenzofuran	1400	U
100-02-7	4-Nitrophenol	1400	U
121-14-2	2,4-Dinitrotoluene	1400	U
84-66-2	Diethylphthalate	1400	U
86-73-7	Fluorene	1400	U
7005-72-3	4-Chlorophenyl-phenylether	1400	U
100-01-6	4-Nitroaniline	1400	U
534-52-1	4,6-Dinitro-2-methylphenol	1400	U
86-30-6	n-Nitrosodiphenylamine	1400	U
103-33-3	Azobenzene	1400	U
101-55-3	4-Bromophenyl-phenylether	1400	U
118-74-1	Hexachlorobenzene	1400	U
87-86-5	Pentachlorophenol	1400	U
85-01-8	Phenanthrene	1400	U
120-12-7	Anthracene	1400	U
84-74-2	Di-n-butylphthalate	290	J
206-44-0	Fluoranthene	1400	U
92-87-5	Benzidine	1400	U
129-00-0	Pyrene	1400	U
85-68-7	Butylbenzylphthalate	1400	U
56-55-3	Benzo[a]anthracene	1400	U
91-94-1	3,3'-Dichlorobenzidine	1400	U
218-01-9	Chrysene	1400	U
117-81-7	bis(2-Ethylhexyl)phthalate	1400	U
117-84-0	Di-n-octylphthalate	1400	U
205-99-2	Benzo[b]fluoranthene	1400	U
207-08-9	Benzo[k]fluoranthene	1400	U
50-32-8	Benzo[a]pyrene	1400	U
193-39-5	Indeno[1,2,3-cd]pyrene	1400	U
53-70-3	Dibenz[a,h]anthracene	1400	U
191-24-2	Benzo[g,h,i]perylene	1400	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

243

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3836 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3836.14

Sample wt/vol: 10.98 (g/ml) G Lab File ID: BNA00707.D

Level: (low/med) LOW Date Received: 08/27/98

% Moisture: 33.06 decanted: (Y/N) N Date Extracted: 08/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/21/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 4 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 074685-30-6	5-Eicosene, (E)-	24.38	8600	JN
2. 006971-40-0	17-Pentatriacontene	25.90	9400	JN
3. 000057-11-4	Octadecanoic acid	26.44	2300	JN
4. 007320-37-8	Oxirane, tetradecyl-	26.90	3400	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

244

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3836 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3836.16

Sample wt/vol: 10.02 (g/ml) G Lab File ID: BNA00708.D

Level: (low/med) LOW Date Received: 08/27/98

% Moisture: 8.78 decanted:(Y/N) N Date Extracted: 08/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/21/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	210	J
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

244

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3836 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3836.16

Sample wt/vol: 10.02 (g/ml) G Lab File ID: BNA00708.D

Level: (low/med) LOW Date Received: 08/27/98

% Moisture: 8.78 decanted:(Y/N) N Date Extracted: 08/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/21/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	1100	
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	960	J
206-44-0	Fluoranthene	720	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1400	
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	410	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	880	J
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

244

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3836 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3836.16

Sample wt/vol: 10.02 (g/ml) G Lab File ID: BNA00708.D

Level: (low/med) LOW Date Received: 08/27/98

% Moisture: 8.78 decanted: (Y/N) N Date Extracted: 08/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/21/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 15 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000087-44-5	Caryophyllene	13.86	910	JN
2. 017851-53-5	1,2-Benzenedicarboxylic acid, but	18.91	1800	JN
3. 000072-54-8	1,1-Dichloro-2,2-bis(p-chlorophen	22.70	1800	JN
4.	unknown	23.83	1500	J
5. 001454-84-8	1-Nonadecanol	24.39	6100	JN
6. 000295-48-7	Cyclopentadecane	25.91	3500	JN
7.	unknown	26.45	930	J
8. 000000-00-0	1-Hexacosanal	26.91	2400	JN
9. 000112-95-8	Eicosane	27.32	4400	JN
10. 000124-25-4	Tetradecanal	28.26	2000	JN
11. 000630-06-8	Hexatriacontane	28.62	2900	JN
12. 001599-67-3	1-Docosene	28.66	990	JN
13. 000124-25-4	Tetradecanal	29.56	1900	JN
14.	unknown	30.13	880	J
15.	unknown	31.16	930	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

245

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3836 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3836.18

Sample wt/vol: 10.44 (g/ml) G Lab File ID: BNA00709.D

Level: (low/med) LOW Date Received: 08/27/98

% Moisture: 13.58 decanted:(Y/N) N Date Extracted: 08/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/21/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

245

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3836 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3836.18

Sample wt/vol: 10.44 (g/ml) G Lab File ID: BNA00709.D

Level: (low/med) LOW Date Received: 08/27/98

% Moisture: 13.58 decanted:(Y/N) N Date Extracted: 08/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/21/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	440	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	460	J
206-44-0	Fluoranthene	420	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	680	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	220	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	460	J
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

245

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3836 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3836.18

Sample wt/vol: 10.44 (g/ml) G Lab File ID: BNA00709.D

Level: (low/med) LOW Date Received: 08/27/98

% Moisture: 13.58 decanted: (Y/N) N Date Extracted: 08/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/21/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 4 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000629-96-9	1-Eicosanol	24.39	6200	JN
2. 019047-85-9	Phosphonic acid, dioctadecyl este	25.90	5400	JN
3.	unknown	26.45	950	J
4. 000000-00-0	1-Hexacosanal	26.90	2900	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

246

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3836 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3836.20

Sample wt/vol: 10.4 (g/ml) G Lab File ID: BNA00710.D

Level: (low/med) LOW Date Received: 08/27/98

% Moisture: 12.21 decanted:(Y/N) N Date Extracted: 08/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/21/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

246

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3836 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3836.20

Sample wt/vol: 10.4 (g/ml) G Lab File ID: BNA00710.D

Level: (low/med) LOW Date Received: 08/27/98

% Moisture: 12.21 decanted:(Y/N) N Date Extracted: 08/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/21/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	360	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	960	J
206-44-0	Fluoranthene	360	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	570	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1100	U
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

246

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3836 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3836.20

Sample wt/vol: 10.4 (g/ml) G Lab File ID: BNA00710.D

Level: (low/med) LOW Date Received: 08/27/98

% Moisture: 12.21 decanted: (Y/N) N Date Extracted: 08/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/21/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 6 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.91	1500	JN
2. 000072-54-8	1,1-Dichloro-2,2-bis(p-chlorophen	22.70	4900	JN
3. 001454-84-8	1-Nonadecanol	24.38	5300	JN
4. 000295-65-8	Cyclohexadecane	25.91	5200	JN
5.	unknown	26.45	1200	J
6. 000000-00-0	1-Hexacosanal	26.90	2600	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

247

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3836 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3836.22

Sample wt/vol: 10.47 (g/ml) G Lab File ID: BNA00711.D

Level: (low/med) LOW Date Received: 08/27/98

% Moisture: 8.22 decanted:(Y/N) N Date Extracted: 08/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/21/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1000	U
62-75-9	N-nitroso-dimethylamine	1000	U
62-53-3	Aniline	1000	U
108-95-2	Phenol	1000	U
111-44-4	bis(2-Chloroethyl)ether	1000	U
95-57-8	2-Chlorophenol	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
100-51-6	Benzyl alcohol	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
	4-Methylphenol	1000	U
621-64-7	n-Nitroso-di-n-propylamine	1000	U
67-72-1	Hexachloroethane	1000	U
98-95-3	Nitrobenzene	1000	U
78-59-1	Isophorone	1000	U
88-75-5	2-Nitrophenol	1000	U
105-67-9	2,4-Dimethylphenol	1000	U
111-91-1	bis(2-Chloroethoxy)methane	1000	U
120-83-2	2,4-Dichlorophenol	1000	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	1000	U
91-20-3	Naphthalene	1000	U
106-47-8	4-Chloroaniline	1000	U
87-68-3	Hexachlorobutadiene	1000	U
59-50-7	4-Chloro-3-methylphenol	1000	U
91-57-6	2-Methylnaphthalene	1000	U
77-47-4	Hexachlorocyclopentadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	1000	U
	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	1000	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	1000	U
208-96-8	Acenaphthylene	1000	U
606-20-2	2,6-Dinitrotoluene	1000	U
99-09-2	3-Nitroaniline	1000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

247

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3836 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3836.22

Sample wt/vol: 10.47 (g/ml) G Lab File ID: BNA00711.D

Level: (low/med) LOW Date Received: 08/27/98

% Moisture: 8.22 decanted:(Y/N) N Date Extracted: 08/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/21/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	1000	U
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	440	J
206-44-0	Fluoranthene	190	J
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	310	J
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	1000	U
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	1000	U
117-81-7	bis(2-Ethylhexyl)phthalate	1000	U
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	1000	U
207-08-9	Benzo[k]fluoranthene	1000	U
50-32-8	Benzo[a]pyrene	1000	U
193-39-5	Indeno[1,2,3-cd]pyrene	1000	U
53-70-3	Dibenz[a,h]anthracene	1000	U
191-24-2	Benzo[g,h,i]perylene	1000	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

247

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3836 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3836.22

Sample wt/vol: 10.47 (g/ml) G Lab File ID: BNA00711.D

Level: (low/med) LOW Date Received: 08/27/98

% Moisture: 8.22 decanted: (Y/N) N Date Extracted: 08/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/21/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 3

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 001454-84-8	1-Nonadecanol	24.38	3800	JN
2. 000295-65-8	Cyclohexadecane	25.90	3900	JN
3. 000638-66-4	Octadecanal	26.90	2800	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

248

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3836 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3836.24

Sample wt/vol: 10.27 (g/ml) G Lab File ID: BNA00712.D

Level: (low/med) LOW Date Received: 08/27/98

% Moisture: 5.33 decanted:(Y/N) N Date Extracted: 08/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1000	U
62-75-9	N-nitroso-dimethylamine	1000	U
62-53-3	Aniline	1000	U
108-95-2	Phenol	1000	U
111-44-4	bis(2-Chloroethyl)ether	1000	U
95-57-8	2-Chlorophenol	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
100-51-6	Benzyl alcohol	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
	4-Methylphenol	1000	U
621-64-7	n-Nitroso-di-n-propylamine	1000	U
67-72-1	Hexachloroethane	1000	U
98-95-3	Nitrobenzene	1000	U
78-59-1	Isophorone	1000	U
88-75-5	2-Nitrophenol	1000	U
105-67-9	2,4-Dimethylphenol	1000	U
111-91-1	bis(2-Chloroethoxy)methane	1000	U
120-83-2	2,4-Dichlorophenol	1000	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	1000	U
91-20-3	Naphthalene	1000	U
106-47-8	4-Chloroaniline	1000	U
87-68-3	Hexachlorobutadiene	1000	U
59-50-7	4-Chloro-3-methylphenol	1000	U
91-57-6	2-Methylnaphthalene	1000	U
77-47-4	Hexachlorocyclopentadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	1000	U
	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	1000	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	1000	U
208-96-8	Acenaphthylene	1000	U
606-20-2	2,6-Dinitrotoluene	1000	U
99-09-2	3-Nitroaniline	1000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

248

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3836 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3836.24

Sample wt/vol: 10.27 (g/ml) G Lab File ID: BNA00712.D

Level: (low/med) LOW Date Received: 08/27/98

% Moisture: 5.33 decanted:(Y/N) N Date Extracted: 08/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	1000	U
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	440	J
206-44-0	Fluoranthene	190	J
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	300	J
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	1000	U
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	1000	U
117-81-7	bis(2-Ethylhexyl)phthalate	1000	U
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	1000	U
207-08-9	Benzo[k]fluoranthene	1000	U
50-32-8	Benzo[a]pyrene	1000	U
193-39-5	Indeno[1,2,3-cd]pyrene	1000	U
53-70-3	Dibenz[a,h]anthracene	1000	U
191-24-2	Benzo[g,h,i]perylene	1000	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

248

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3836 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3836.24

Sample wt/vol: 10.27 (g/ml) G Lab File ID: BNA00712.D

Level: (low/med) LOW Date Received: 08/27/98

% Moisture: 5.33 decanted: (Y/N) N Date Extracted: 08/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 3 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 001454-84-8	1-Nonadecanol	24.38	3700	JN
2. 006971-40-0	17-Pentatriacontene	25.90	4400	JN
3. 000000-00-0	1-Hexacosanal	26.90	3200	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

249

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3836 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3836.26

Sample wt/vol: 10.65 (g/ml) G Lab File ID: BNA00713.D

Level: (low/med) LOW Date Received: 08/27/98

% Moisture: 6.77 decanted:(Y/N) N Date Extracted: 08/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1000	U
62-75-9	N-nitroso-dimethylamine	1000	U
62-53-3	Aniline	1000	U
108-95-2	Phenol	1000	U
111-44-4	bis(2-Chloroethyl)ether	1000	U
95-57-8	2-Chlorophenol	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
100-51-6	Benzyl alcohol	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
	4-Methylphenol	1000	U
621-64-7	n-Nitroso-di-n-propylamine	1000	U
67-72-1	Hexachloroethane	1000	U
98-95-3	Nitrobenzene	1000	U
78-59-1	Isophorone	1000	U
88-75-5	2-Nitrophenol	1000	U
105-67-9	2,4-Dimethylphenol	1000	U
111-91-1	bis(2-Chloroethoxy)methane	1000	U
120-83-2	2,4-Dichlorophenol	1000	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	1000	U
91-20-3	Naphthalene	1000	U
106-47-8	4-Chloroaniline	1000	U
87-68-3	Hexachlorobutadiene	1000	U
59-50-7	4-Chloro-3-methylphenol	1000	U
91-57-6	2-Methylnaphthalene	1000	U
77-47-4	Hexachlorocyclopentadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	1000	U
	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	1000	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	1000	U
208-96-8	Acenaphthylene	1000	U
606-20-2	2,6-Dinitrotoluene	1000	U
99-09-2	3-Nitroaniline	1000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

249

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3836 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3836.26

Sample wt/vol: 10.65 (g/ml) G Lab File ID: BNA00713.D

Level: (low/med) LOW Date Received: 08/27/98

% Moisture: 6.77 decanted:(Y/N) N Date Extracted: 08/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	1000	U
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	350	J
206-44-0	Fluoranthene	1000	U
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	1000	U
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	1000	U
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	1000	U
117-81-7	bis(2-Ethylhexyl)phthalate	1000	U
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	1000	U
207-08-9	Benzo[k]fluoranthene	1000	U
50-32-8	Benzo[a]pyrene	1000	U
193-39-5	Indeno[1,2,3-cd]pyrene	1000	U
53-70-3	Dibenz[a,h]anthracene	1000	U
191-24-2	Benzo[g,h,i]perylene	1000	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

249

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3836 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3836.26

Sample wt/vol: 10.65 (g/ml) G Lab File ID: BNA00713.D

Level: (low/med) LOW Date Received: 08/27/98

% Moisture: 6.77 decanted: (Y/N) N Date Extracted: 08/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 2

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000072-54-8	1,1-Dichloro-2,2-bis(p-chlorophen	22.69	1300	JN
2. 074685-30-6	5-Eicosene, (E)-	24.38	3200	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

250

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3836 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3836.28

Sample wt/vol: 10.07 (g/ml) G Lab File ID: BNA00714.D

Level: (low/med) LOW Date Received: 08/27/98

% Moisture: 10.59 decanted:(Y/N) N Date Extracted: 08/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

250

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3836 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3836.28

Sample wt/vol: 10.07 (g/ml) G Lab File ID: BNA00714.D

Level: (low/med) LOW Date Received: 08/27/98

% Moisture: 10.59 decanted:(Y/N) N Date Extracted: 08/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	400	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	780	J
206-44-0	Fluoranthene	310	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	560	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1100	U
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

250

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3836 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3836.28

Sample wt/vol: 10.07 (g/ml) G Lab File ID: BNA00714.D

Level: (low/med) LOW Date Received: 08/27/98

% Moisture: 10.59 decanted: (Y/N) N Date Extracted: 08/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 5 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.90	1100	JN
2. 000072-54-8	1,1-Dichloro-2,2-bis(p-chlorophen	22.71	6400	JN
3. 000112-92-5	1-Octadecanol	24.39	5800	JN
4. 002136-70-1	Ethanol, 2-(tetradecyloxy)-	25.91	2600	JN
5. 000000-00-0	1-Hexacosanal	26.90	1600	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

251

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3836 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3836.30

Sample wt/vol: 10.18 (g/ml) G Lab File ID: BNA00720.D

Level: (low/med) LOW Date Received: 08/27/98

% Moisture: 8.93 decanted:(Y/N) N Date Extracted: 08/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

251

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3836 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3836.30

Sample wt/vol: 10.18 (g/ml) G Lab File ID: BNA00720.D

Level: (low/med) LOW Date Received: 08/27/98

% Moisture: 8.93 decanted:(Y/N) N Date Extracted: 08/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	300	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	390	J
206-44-0	Fluoranthene	290	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	450	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1100	U
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

251

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3836 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3836.30

Sample wt/vol: 10.18 (g/ml) G Lab File ID: BNA00720.D

Level: (low/med) LOW Date Received: 08/27/98

% Moisture: 8.93 decanted: (Y/N) N Date Extracted: 08/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 11 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000789-02-6	o,p'-DDT	23.35	890	JN
2. 000629-96-9	1-Eicosanol	24.36	960	JN
3. 000630-06-8	Hexatriacontane	25.90	1200	JN
4. 000000-00-0	1-Hexacosanal	26.89	1900	JN
5. 000630-06-8	Hexatriacontane	27.30	3200	JN
6. 000629-80-1	Hexadecanal	28.25	1900	JN
7. 000630-06-8	Hexatriacontane	28.60	2800	JN
8. 000638-66-4	Octadecanal	29.55	2000	JN
9. 000630-06-8	Hexatriacontane	29.90	900	JN
10.	unknown	30.11	1100	J
11.	unknown	31.15	1200	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

252

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3836 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3836.32

Sample wt/vol: 10.77 (g/ml) G Lab File ID: BNA00721.D

Level: (low/med) LOW Date Received: 08/27/98

% Moisture: 7.38 decanted:(Y/N) N Date Extracted: 08/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1000	U
62-75-9	N-nitroso-dimethylamine	1000	U
62-53-3	Aniline	1000	U
108-95-2	Phenol	1000	U
111-44-4	bis(2-Chloroethyl)ether	1000	U
95-57-8	2-Chlorophenol	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
100-51-6	Benzyl alcohol	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
	4-Methylphenol	1000	U
621-64-7	n-Nitroso-di-n-propylamine	1000	U
67-72-1	Hexachloroethane	1000	U
98-95-3	Nitrobenzene	1000	U
78-59-1	Isophorone	1000	U
88-75-5	2-Nitrophenol	1000	U
105-67-9	2,4-Dimethylphenol	1000	U
111-91-1	bis(2-Chloroethoxy)methane	1000	U
120-83-2	2,4-Dichlorophenol	1000	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	1000	U
91-20-3	Naphthalene	1000	U
106-47-8	4-Chloroaniline	1000	U
87-68-3	Hexachlorobutadiene	1000	U
59-50-7	4-Chloro-3-methylphenol	1000	U
91-57-6	2-Methylnaphthalene	1000	U
77-47-4	Hexachlorocyclopentadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	1000	U
	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	1000	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	1000	U
208-96-8	Acenaphthylene	1000	U
606-20-2	2,6-Dinitrotoluene	1000	U
99-09-2	3-Nitroaniline	1000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

252

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3836 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3836.32

Sample wt/vol: 10.77 (g/ml) G Lab File ID: BNA00721.D

Level: (low/med) LOW Date Received: 08/27/98

% Moisture: 7.38 decanted:(Y/N) N Date Extracted: 08/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	240	J
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	370	J
206-44-0	Fluoranthene	300	J
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	570	J
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	220	J
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	430	J
117-81-7	bis(2-Ethylhexyl)phthalate	1000	U
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	1000	U
207-08-9	Benzo[k]fluoranthene	1000	U
50-32-8	Benzo[a]pyrene	1000	U
193-39-5	Indeno[1,2,3-cd]pyrene	1000	U
53-70-3	Dibenz[a,h]anthracene	1000	U
191-24-2	Benzo[g,h,i]perylene	1000	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

252

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3836 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3836.32

Sample wt/vol: 10.77 (g/ml) G Lab File ID: BNA00721.D

Level: (low/med) LOW Date Received: 08/27/98

% Moisture: 7.38 decanted: (Y/N) N Date Extracted: 08/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 3

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 001454-84-8	1-Nonadecanol	24.36	1300	JN
2. 000000-00-0	1-Hexacosanal	26.89	2400	JN
3. 000112-95-8	Eicosane	27.30	1400	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

253

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3836 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3836.34

Sample wt/vol: 10.6 (g/ml) G Lab File ID: BNA00722.D

Level: (low/med) LOW Date Received: 08/27/98

% Moisture: 6.4 decanted:(Y/N) N Date Extracted: 08/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1000	U
62-75-9	N-nitroso-dimethylamine	1000	U
62-53-3	Aniline	1000	U
108-95-2	Phenol	1000	U
111-44-4	bis(2-Chloroethyl)ether	1000	U
95-57-8	2-Chlorophenol	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
100-51-6	Benzyl alcohol	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
	4-Methylphenol	1000	U
621-64-7	n-Nitroso-di-n-propylamine	1000	U
67-72-1	Hexachloroethane	1000	U
98-95-3	Nitrobenzene	1000	U
78-59-1	Isophorone	1000	U
88-75-5	2-Nitrophenol	1000	U
105-67-9	2,4-Dimethylphenol	1000	U
111-91-1	bis(2-Chloroethoxy)methane	1000	U
120-83-2	2,4-Dichlorophenol	1000	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	1000	U
91-20-3	Naphthalene	1000	U
106-47-8	4-Chloroaniline	1000	U
87-68-3	Hexachlorobutadiene	1000	U
59-50-7	4-Chloro-3-methylphenol	1000	U
91-57-6	2-Methylnaphthalene	1000	U
77-47-4	Hexachlorocyclopentadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	1000	U
	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	1000	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	1000	U
208-96-8	Acenaphthylene	1000	U
606-20-2	2,6-Dinitrotoluene	1000	U
99-09-2	3-Nitroaniline	1000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

253

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3836 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3836.34

Sample wt/vol: 10.6 (g/ml) G Lab File ID: BNA00722.D

Level: (low/med) LOW Date Received: 08/27/98

% Moisture: 6.4 decanted:(Y/N) N Date Extracted: 08/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
83-32-9	Acenaphthene	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	1000	U
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	1000	U
206-44-0	Fluoranthene	1000	U
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	1000	U
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	1000	U
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	1000	U
117-81-7	bis(2-Ethylhexyl)phthalate	1000	U
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	1000	U
207-08-9	Benzo[k]fluoranthene	1000	U
50-32-8	Benzo[a]pyrene	1000	U
193-39-5	Indeno[1,2,3-cd]pyrene	1000	U
53-70-3	Dibenz[a,h]anthracene	1000	U
191-24-2	Benzo[g,h,i]perylene	1000	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

253

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3836 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3836.34

Sample wt/vol: 10.6 (g/ml) G Lab File ID: BNA00722.D

Level: (low/med) LOW Date Received: 08/27/98

% Moisture: 6.4 decanted: (Y/N) N Date Extracted: 08/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 3

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 001454-84-8	1-Nonadecanol	24.36	1400	JN
2. 003386-33-2	Octadecane, 1-chloro-	25.90	940	JN
3. 000000-00-0	1-Hexacosanal	26.90	6500	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

254

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3836 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3836.36

Sample wt/vol: 10.68 (g/ml) G Lab File ID: BNA00723.D

Level: (low/med) LOW Date Received: 08/27/98

% Moisture: 5.88 decanted:(Y/N) N Date Extracted: 08/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
110-86-1	Pyridine	990	U
62-75-9	N-nitroso-dimethylamine	990	U
62-53-3	Aniline	990	U
108-95-2	Phenol	990	U
111-44-4	bis(2-Chloroethyl)ether	990	U
95-57-8	2-Chlorophenol	990	U
541-73-1	1,3-Dichlorobenzene	990	U
106-46-7	1,4-Dichlorobenzene	990	U
100-51-6	Benzyl alcohol	990	U
95-50-1	1,2-Dichlorobenzene	990	U
	2-Methylphenol	990	U
108-60-1	bis(2-chloroisopropyl)ether	990	U
	4-Methylphenol	990	U
621-64-7	n-Nitroso-di-n-propylamine	990	U
67-72-1	Hexachloroethane	990	U
98-95-3	Nitrobenzene	990	U
78-59-1	Isophorone	990	U
88-75-5	2-Nitrophenol	990	U
105-67-9	2,4-Dimethylphenol	990	U
111-91-1	bis(2-Chloroethoxy)methane	990	U
120-83-2	2,4-Dichlorophenol	990	U
65-85-0	Benzoic Acid	990	U
120-82-1	1,2,4-Trichlorobenzene	990	U
91-20-3	Naphthalene	990	U
106-47-8	4-Chloroaniline	990	U
87-68-3	Hexachlorobutadiene	990	U
59-50-7	4-Chloro-3-methylphenol	990	U
91-57-6	2-Methylnaphthalene	990	U
77-47-4	Hexachlorocyclopentadiene	990	U
88-06-2	2,4,6-Trichlorophenol	990	U
	2,4,5-Trichlorophenol	990	U
91-58-7	2-Chloronaphthalene	990	U
88-74-4	2-Nitroaniline	990	U
131-11-3	Dimethylphthalate	990	U
208-96-8	Acenaphthylene	250	J
606-20-2	2,6-Dinitrotoluene	990	U
99-09-2	3-Nitroaniline	990	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

254

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3836 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3836.36

Sample wt/vol: 10.68 (g/ml) G Lab File ID: BNA00723.D

Level: (low/med) LOW Date Received: 08/27/98

% Moisture: 5.88 decanted:(Y/N) N Date Extracted: 08/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	990	U
51-28-5	2,4-Dinitrophenol	990	U
132-64-9	Dibenzofuran	990	U
100-02-7	4-Nitrophenol	990	U
121-14-2	2,4-Dinitrotoluene	990	U
84-66-2	Diethylphthalate	990	U
86-73-7	Fluorene	990	U
7005-72-3	4-Chlorophenyl-phenylether	990	U
100-01-6	4-Nitroaniline	990	U
534-52-1	4,6-Dinitro-2-methylphenol	990	U
86-30-6	n-Nitrosodiphenylamine	990	U
103-33-3	Azobenzene	990	U
101-55-3	4-Bromophenyl-phenylether	990	U
118-74-1	Hexachlorobenzene	990	U
87-86-5	Pentachlorophenol	990	U
85-01-8	Phenanthrene	1800	
120-12-7	Anthracene	990	U
84-74-2	Di-n-butylphthalate	990	U
206-44-0	Fluoranthene	1300	
92-87-5	Benzidine	990	U
129-00-0	Pyrene	2400	
85-68-7	Butylbenzylphthalate	990	U
56-55-3	Benzo[a]anthracene	690	J
91-94-1	3,3'-Dichlorobenzidine	990	U
218-01-9	Chrysene	1400	
117-81-7	bis(2-Ethylhexyl)phthalate	990	U
117-84-0	Di-n-octylphthalate	990	U
205-99-2	Benzo[b]fluoranthene	480	J
207-08-9	Benzo[k]fluoranthene	510	J
50-32-8	Benzo[a]pyrene	520	J
193-39-5	Indeno[1,2,3-cd]pyrene	310	J
53-70-3	Dibenz[a,h]anthracene	990	U
191-24-2	Benzo[g,h,i]perylene	320	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

254

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3836 Location: M-5 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3836.36

Sample wt/vol: 10.68 (g/ml) G Lab File ID: BNA00723.D

Level: (low/med) LOW Date Received: 08/27/98

% Moisture: 5.88 decanted: (Y/N) N Date Extracted: 08/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 10 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000053-19-0	Mitotane	22.08	850	JN
2. 001022-22-6	DDMU	22.58	820	JN
3. 000072-54-8	1,1-Dichloro-2,2-bis(p-chlorophen	22.74	13000	JN
4. 000789-02-6	o,p'-DDT	23.47	60000	JN
5. 001454-84-8	1-Nonadecanol	24.37	1500	JN
6. 007098-21-7	Tritetracontane	25.90	1100	JN
7. 000629-92-5	Nonadecane	27.30	2200	JN
8.	unknown	28.25	1000	J
9. 000630-06-8	Hexatriacontane	28.60	2100	JN
10. 007390-81-0	Oxirane, hexadecyl-	29.55	1200	JN

METHOD BLANKS

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	PBLK64 4/9/98 5/13/98
Analysis: **Matrix:** **Analyst:**	SW-846 Method 8080A Soil D. Wright	**Location :** **Field ID:**	

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	100.00	0.0002	ND	NLE
beta-BHC	1	100.00	0.0003	ND	NLE
gamma-BHC	1	100.00	0.0003	ND	0.52
delta-BHC	1	100.00	0.0003	ND	NLE
Heptachlor	1	100.00	0.0003	ND	0.15
Aldrin	1	100.00	0.0003	ND	0.04
Heptachlor Epoxide	1	100.00	0.0002	ND	NLE
Endosulfan I	1	100.00	0.0002	ND	NLE
4,4'-DDE	1	100.00	0.0003	ND	2
Dieldrin	1	100.00	0.0002	ND	0.042
Endrin	1	100.00	0.0003	ND	17
Endosulfan II	1	100.00	0.0003	ND	NLE
4,4'-DDD	1	100.00	0.0007	ND	3
Endrin Aldehyde	1	100.00	0.0005	ND	NLE
4,4'-DDT	1	100.00	0.0002	ND	2
Endosulfan-Sulfate	1	100.00	0.0010	ND	NLE
gamma -Chlordane	1	100.00	0.0010	ND	NLE
alpha-Chlordane	1	100.00	0.0010	ND	NLE
Toxaphene	1	100.00	0.0182	ND	0.1
Arochlor 1016	1	100.00	0.0642	ND	0.49
Arochlor 1221	1	100.00	0.0500	ND	0.49
Arochlor 1232	1	100.00	0.0500	ND	0.49
Arochlor 1242	1	100.00	0.0282	ND	0.49
Arochlor 1248	1	100.00	0.0500	ND	0.49
Arochlor 1254	1	100.00	0.0500	ND	0.49
Arochlor 1260	1	100.00	0.0680	ND	0.49

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	PBLK65
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	4/10/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/13/98
Analysis:	SW-846 Method 8080A	**Location :**	
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	100.00	0.0002	ND	NLE
beta-BHC	1	100.00	0.0003	ND	NLE
gamma-BHC	1	100.00	0.0003	ND	0.52
delta-BHC	1	100.00	0.0003	ND	NLE
Heptachlor	1	100.00	0.0003	ND	0.15
Aldrin	1	100.00	0.0003	ND	0.04
Heptachlor Epoxide	1	100.00	0.0002	ND	NLE
Endosulfan I	1	100.00	0.0002	ND	NLE
4,4'-DDE	1	100.00	0.0003	ND	2
Dieldrin	1	100.00	0.0002	ND	0.042
Endrin	1	100.00	0.0003	ND	17
Endosulfan II	1	100.00	0.0003	ND	NLE
4,4'-DDD	1	100.00	0.0007	ND	3
Endrin Aldehyde	1	100.00	0.0005	ND	NLE
4,4'-DDT	1	100.00	0.0002	ND	2
Endosulfan-Sulfate	1	100.00	0.0010	ND	NLE
gamma -Chlordane	1	100.00	0.0010	ND	NLE
alpha-Chlordane	1	100.00	0.0010	ND	NLE
Toxaphene	1	100.00	0.0182	ND	0.1
Arochlor 1016	1	100.00	0.0642	ND	0.49
Arochlor 1221	1	100.00	0.0500	ND	0.49
Arochlor 1232	1	100.00	0.0500	ND	0.49
Arochlor 1242	1	100.00	0.0282	ND	0.49
Arochlor 1248	1	100.00	0.0500	ND	0.49
Arochlor 1254	1	100.00	0.0500	ND	0.49
Arochlor 1260	1	100.00	0.0680	ND	0.49

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	PBLK66
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	4/13/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/14/98
Analysis:	SW-846 Method 8080A	**Location :**	
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	100.00	0.0002	ND	NLE
beta-BHC	1	100.00	0.0003	ND	NLE
gamma-BHC	1	100.00	0.0003	ND	0.52
delta-BHC	1	100.00	0.0003	ND	NLE
Heptachlor	1	100.00	0.0003	ND	0.15
Aldrin	1	100.00	0.0003	ND	0.04
Heptachlor Epoxide	1	100.00	0.0002	ND	NLE
Endosulfan I	1	100.00	0.0002	ND	NLE
4,4'-DDE	1	100.00	0.0003	ND	2
Dieldrin	1	100.00	0.0002	ND	0.042
Endrin	1	100.00	0.0003	ND	17
Endosulfan II	1	100.00	0.0003	ND	NLE
4,4'-DDD	1	100.00	0.0007	ND	3
Endrin Aldehyde	1	100.00	0.0005	ND	NLE
4,4'-DDT	1	100.00	0.0002	ND	2
Endosulfan-Sulfate	1	100.00	0.0010	ND	NLE
gamma -Chlordane	1	100.00	0.0010	ND	NLE
alpha-Chlordane	1	100.00	0.0010	ND	NLE
Toxaphene	1	100.00	0.0182	ND	0.1
Arochlor 1016	1	100.00	0.0642	ND	0.49
Arochlor 1221	1	100.00	0.0500	ND	0.49
Arochlor 1232	1	100.00	0.0500	ND	0.49
Arochlor 1242	1	100.00	0.0282	ND	0.49
Arochlor 1248	1	100.00	0.0500	ND	0.49
Arochlor 1254	1	100.00	0.0500	ND	0.49
Arochlor 1260	1	100.00	0.0680	ND	0.49

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	PBLK66
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	4/13/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/14/98
Analysis:	SW-846 Method 8080A	**Location :**	
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	100.00	0.0002	ND	NLE
beta-BHC	1	100.00	0.0003	ND	NLE
gamma-BHC	1	100.00	0.0003	ND	0.52
delta-BHC	1	100.00	0.0003	ND	NLE
Heptachlor	1	100.00	0.0003	ND	0.15
Aldrin	1	100.00	0.0003	ND	0.04
Heptachlor Epoxide	1	100.00	0.0002	ND	NLE
Endosulfan I	1	100.00	0.0002	ND	NLE
4,4'-DDE	1	100.00	0.0003	ND	2
Dieldrin	1	100.00	0.0002	ND	0.042
Endrin	1	100.00	0.0003	ND	17
Endosulfan II	1	100.00	0.0003	ND	NLE
4,4'-DDD	1	100.00	0.0007	ND	3
Endrin Aldehyde	1	100.00	0.0005	ND	NLE
4,4'-DDT	1	100.00	0.0002	ND	2
Endosulfan-Sulfate	1	100.00	0.0010	ND	NLE
gamma -Chlordane	1	100.00	0.0010	ND	NLE
alpha-Chlordane	1	100.00	0.0010	ND	NLE
Toxaphene	1	100.00	0.0182	ND	0.1
Arochlor 1016	1	100.00	0.0642	ND	0.49
Arochlor 1221	1	100.00	0.0500	ND	0.49
Arochlor 1232	1	100.00	0.0500	ND	0.49
Arochlor 1242	1	100.00	0.0282	ND	0.49
Arochlor 1248	1	100.00	0.0500	ND	0.49
Arochlor 1254	1	100.00	0.0500	ND	0.49
Arochlor 1260	1	100.00	0.0680	ND	0.49

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	PBLK67
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	4/14/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/21/98
Analysis:	SW-846 Method 8080A	**Location :**	
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	100.00	0.0002	ND	NLE
beta-BHC	1	100.00	0.0003	ND	NLE
gamma-BHC	1	100.00	0.0003	ND	0.52
delta-BHC	1	100.00	0.0003	ND	NLE
Heptachlor	1	100.00	0.0003	ND	0.15
Aldrin	1	100.00	0.0003	ND	0.04
Heptachlor Epoxide	1	100.00	0.0002	ND	NLE
Endosulfan I	1	100.00	0.0002	ND	NLE
4,4'-DDE	1	100.00	0.0003	ND	2
Dieldrin	1	100.00	0.0002	ND	0.042
Endrin	1	100.00	0.0003	ND	17
Endosulfan II	1	100.00	0.0003	ND	NLE
4,4'-DDD	1	100.00	0.0007	ND	3
Endrin Aldehyde	1	100.00	0.0005	ND	NLE
4,4'-DDT	1	100.00	0.0002	ND	2
Endosulfan-Sulfate	1	100.00	0.0010	ND	NLE
gamma -Chlordane	1	100.00	0.0010	ND	NLE
alpha-Chlordane	1	100.00	0.0010	ND	NLE
Toxaphene	1	100.00	0.0182	ND	0.1
Arochlor 1016	1	100.00	0.0642	ND	0.49
Arochlor 1221	1	100.00	0.0500	ND	0.49
Arochlor 1232	1	100.00	0.0500	ND	0.49
Arochlor 1242	1	100.00	0.0282	ND	0.49
Arochlor 1248	1	100.00	0.0500	ND	0.49
Arochlor 1254	1	100.00	0.0500	ND	0.49
Arochlor 1260	1	100.00	0.0680	ND	0.49

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	PBLK68
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	4/15/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/21/98
Analysis:	SW-846 Method 8080A	**Location :**	
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	100.00	0.0002	ND	NLE
beta-BHC	1	100.00	0.0003	ND	NLE
gamma-BHC	1	100.00	0.0003	ND	0.52
delta-BHC	1	100.00	0.0003	ND	NLE
Heptachlor	1	100.00	0.0003	ND	0.15
Aldrin	1	100.00	0.0003	ND	0.04
Heptachlor Epoxide	1	100.00	0.0002	ND	NLE
Endosulfan I	1	100.00	0.0002	ND	NLE
4,4'-DDE	1	100.00	0.0003	ND	2
Dieldrin	1	100.00	0.0002	ND	0.042
Endrin	1	100.00	0.0003	ND	17
Endosulfan II	1	100.00	0.0003	ND	NLE
4,4'-DDD	1	100.00	0.0007	ND	3
Endrin Aldehyde	1	100.00	0.0005	ND	NLE
4,4'-DDT	1	100.00	0.0002	ND	2
Endosulfan-Sulfate	1	100.00	0.0010	ND	NLE
gamma -Chlordane	1	100.00	0.0010	ND	NLE
alpha-Chlordane	1	100.00	0.0010	ND	NLE
Toxaphene	1	100.00	0.0182	ND	0.1
Arochlor 1016	1	100.00	0.0642	ND	0.49
Arochlor 1221	1	100.00	0.0500	ND	0.49
Arochlor 1232	1	100.00	0.0500	ND	0.49
Arochlor 1242	1	100.00	0.0282	ND	0.49
Arochlor 1248	1	100.00	0.0500	ND	0.49
Arochlor 1254	1	100.00	0.0500	ND	0.49
Arochlor 1260	1	100.00	0.0680	ND	0.49

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	PBLK70 4/16/98 5/21/98
Analysis: **Matrix:** **Analyst:**	SW-846 Method 8080A Soil D. Wright	**Location :** **Field ID:**	

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	100.00	0.0002	ND	NLE
beta-BHC	1	100.00	0.0003	ND	NLE
gamma-BHC	1	100.00	0.0003	ND	0.52
delta-BHC	1	100.00	0.0003	ND	NLE
Heptachlor	1	100.00	0.0003	ND	0.15
Aldrin	1	100.00	0.0003	ND	0.04
Heptachlor Epoxide	1	100.00	0.0002	ND	NLE
Endosulfan I	1	100.00	0.0002	ND	NLE
4,4'-DDE	1	100.00	0.0003	ND	2
Dieldrin	1	100.00	0.0002	ND	0.042
Endrin	1	100.00	0.0003	ND	17
Endosulfan II	1	100.00	0.0003	ND	NLE
4,4'-DDD	1	100.00	0.0007	ND	3
Endrin Aldehyde	1	100.00	0.0005	ND	NLE
4,4'-DDT	1	100.00	0.0002	ND	2
Endosulfan-Sulfate	1	100.00	0.0010	ND	NLE
gamma -Chlordane	1	100.00	0.0010	ND	NLE
alpha-Chlordane	1	100.00	0.0010	ND	NLE
Toxaphene	1	100.00	0.0182	ND	0.1
Arochlor 1016	1	100.00	0.0642	ND	0.49
Arochlor 1221	1	100.00	0.0500	ND	0.49
Arochlor 1232	1	100.00	0.0500	ND	0.49
Arochlor 1242	1	100.00	0.0282	ND	0.49
Arochlor 1248	1	100.00	0.0500	ND	0.49
Arochlor 1254	1	100.00	0.0500	ND	0.49
Arochlor 1260	1	100.00	0.0680	ND	0.49

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	BLK71
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	4/21/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/22/98
Analysis:	SW-846 Method 8081	**Location :**	
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	100.00	0.0003	ND	NLE
beta-BHC	1	100.00	0.0003	ND	NLE
gamma-BHC	1	100.00	0.0004	ND	0.52
delta-BHC	1	100.00	0.0004	ND	NLE
Heptachlor	1	100.00	0.0003	ND	0.15
Aldrin	1	100.00	0.0004	ND	0.04
Heptachlor Epoxide	1	100.00	0.0006	ND	NLE
Endosulfan I	1	100.00	0.0005	ND	NLE
4,4'-DDE	1	100.00	0.0004	ND	2
Dieldrin	1	100.00	0.0005	ND	0.042
Endrin	1	100.00	0.0005	ND	17
Endosulfan II	1	100.00	0.0004	ND	NLE
4,4'-DDD	1	100.00	0.0006	ND	3
Endrin Aldehyde	1	100.00	0.0005	ND	NLE
4,4'-DDT	1	100.00	0.0011	ND	2
Endosulfan-Sulfate	1	100.00	0.0004	ND	NLE
gamma -Chlordane	1	100.00	0.0005	ND	NLE
alpha-Chlordane	1	100.00	0.0005	ND	NLE
Toxaphene	1	100.00	0.0182	ND	0.1
Arochlor 1016	1	100.00	0.0112	ND	0.49
Arochlor 1221	1	100.00	0.0206	ND	0.49
Arochlor 1232	1	100.00	0.0140	ND	0.49
Arochlor 1242	1	100.00	0.0160	ND	0.49
Arochlor 1248	1	100.00	0.0064	ND	0.49
Arochlor 1254	1	100.00	0.0040	ND	0.49
Arochlor 1260	1	100.00	0.0036	ND	0.49

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25un
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	BLK73 4/22/98 5/22/98
Analysis: **Matrix:** **Analyst:**	SW-846 Method 8081 Soil D. Wright	**Location :** **Field ID:**	

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	100.00	0.0003	ND	NLE
beta-BHC	1	100.00	0.0003	ND	NLE
gamma-BHC	1	100.00	0.0004	ND	0.52
delta-BHC	1	100.00	0.0004	ND	NLE
Heptachlor	1	100.00	0.0003	ND	0.15
Aldrin	1	100.00	0.0004	ND	0.04
Heptachlor Epoxide	1	100.00	0.0006	ND	NLE
Endosulfan I	1	100.00	0.0005	ND	NLE
4,4'-DDE	1	100.00	0.0004	ND	2
Dieldrin	1	100.00	0.0005	ND	0.042
Endrin	1	100.00	0.0005	ND	17
Endosulfan II	1	100.00	0.0004	ND	NLE
4,4'-DDD	1	100.00	0.0006	ND	3
Endrin Aldehyde	1	100.00	0.0005	ND	NLE
4,4'-DDT	1	100.00	0.0011	ND	2
Endosulfan-Sulfate	1	100.00	0.0004	ND	NLE
gamma -Chlordane	1	100.00	0.0005	ND	NLE
alpha-Chlordane	1	100.00	0.0005	ND	NLE
Toxaphene	1	100.00	0.0182	ND	0.1
Arochlor 1016	1	100.00	0.0112	ND	0.49
Arochlor 1221	1	100.00	0.0206	ND	0.49
Arochlor 1232	1	100.00	0.0140	ND	0.49
Arochlor 1242	1	100.00	0.0160	ND	0.49
Arochlor 1248	1	100.00	0.0064	ND	0.49
Arochlor 1254	1	100.00	0.0040	ND	0.49
Arochlor 1260	1	100.00	0.0036	ND	0.49

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25un
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25ur

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	PBLK74
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	4/23/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/22/98
Analysis:	SW-846 Method 8080A	**Location :**	
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	100.00	0.0002	ND	NLE
beta-BHC	1	100.00	0.0003	ND	NLE
gamma-BHC	1	100.00	0.0003	ND	0.52
delta-BHC	1	100.00	0.0003	ND	NLE
Heptachlor	1	100.00	0.0003	ND	0.15
Aldrin	1	100.00	0.0003	ND	0.04
Heptachlor Epoxide	1	100.00	0.0002	ND	NLE
Endosulfan I	1	100.00	0.0002	ND	NLE
4,4'-DDE	1	100.00	0.0003	ND	2
Dieldrin	1	100.00	0.0002	ND	0.042
Endrin	1	100.00	0.0003	ND	17
Endosulfan II	1	100.00	0.0003	ND	NLE
4,4'-DDD	1	100.00	0.0007	ND	3
Endrin Aldehyde	1	100.00	0.0005	ND	NLE
4,4'-DDT	1	100.00	0.0002	ND	2
Endosulfan-Sulfate	1	100.00	0.0010	ND	NLE
gamma -Chlordane	1	100.00	0.0010	ND	NLE
alpha-Chlordane	1	100.00	0.0010	ND	NLE
Toxaphene	1	100.00	0.0182	ND	0.1
Arochlor 1016	1	100.00	0.0642	ND	0.49
Arochlor 1221	1	100.00	0.0500	ND	0.49
Arochlor 1232	1	100.00	0.0500	ND	0.49
Arochlor 1242	1	100.00	0.0282	ND	0.49
Arochlor 1248	1	100.00	0.0500	ND	0.49
Arochlor 1254	1	100.00	0.0500	ND	0.49
Arochlor 1260	1	100.00	0.0680	ND	0.49

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	BLK88 5/4/98 5/29/98
Analysis:	SW-846 Method 8081	**Location :**	
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	100.00	0.0003	ND	NLE
beta-BHC	1	100.00	0.0003	ND	NLE
gamma-BHC	1	100.00	0.0004	ND	0.52
delta-BHC	1	100.00	0.0004	ND	NLE
Heptachlor	1	100.00	0.0003	ND	0.15
Aldrin	1	100.00	0.0004	ND	0.04
Heptachlor Epoxide	1	100.00	0.0006	ND	NLE
Endosulfan I	1	100.00	0.0005	ND	NLE
4,4'-DDE	1	100.00	0.0004	ND	2
Dieldrin	1	100.00	0.0005	ND	0.042
Endrin	1	100.00	0.0005	ND	17
Endosulfan II	1	100.00	0.0004	ND	NLE
4,4'-DDD	1	100.00	0.0006	ND	3
Endrin Aldehyde	1	100.00	0.0005	ND	NLE
4,4'-DDT	1	100.00	0.0011	ND	2
Endosulfan-Sulfate	1	100.00	0.0004	ND	NLE
gamma -Chlordane	1	100.00	0.0005	ND	NLE
alpha-Chlordane	1	100.00	0.0005	ND	NLE
Toxaphene	1	100.00	0.0182	ND	0.1
Arochlor 1016	1	100.00	0.0112	ND	0.49
Arochlor 1221	1	100.00	0.0206	ND	0.49
Arochlor 1232	1	100.00	0.0140	ND	0.49
Arochlor 1242	1	100.00	0.0160	ND	0.49
Arochlor 1248	1	100.00	0.0064	ND	0.49
Arochlor 1254	1	100.00	0.0040	ND	0.49
Arochlor 1260	1	100.00	0.0036	ND	0.49

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	BLK89
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	5/6/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/29/98
Analysis:	SW-846 Method 8081	**Location :**	
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	100.00	0.0003	ND	NLE
beta-BHC	1	100.00	0.0003	ND	NLE
gamma-BHC	1	100.00	0.0004	ND	0.52
delta-BHC	1	100.00	0.0004	ND	NLE
Heptachlor	1	100.00	0.0003	ND	0.15
Aldrin	1	100.00	0.0004	ND	0.04
Heptachlor Epoxide	1	100.00	0.0006	ND	NLE
Endosulfan I	1	100.00	0.0005	ND	NLE
4,4'-DDE	1	100.00	0.0004	ND	2
Dieldrin	1	100.00	0.0005	ND	0.042
Endrin	1	100.00	0.0005	ND	17
Endosulfan II	1	100.00	0.0004	ND	NLE
4,4'-DDD	1	100.00	0.0006	ND	3
Endrin Aldehyde	1	100.00	0.0005	ND	NLE
4,4'-DDT	1	100.00	0.0011	ND	2
Endosulfan-Sulfate	1	100.00	0.0004	ND	NLE
gamma -Chlordane	1	100.00	0.0005	ND	NLE
alpha-Chlordane	1	100.00	0.0005	ND	NLE
Toxaphene	1	100.00	0.0182	ND	0.1
Arochlor 1016	1	100.00	0.0112	ND	0.49
Arochlor 1221	1	100.00	0.0206	ND	0.49
Arochlor 1232	1	100.00	0.0140	ND	0.49
Arochlor 1242	1	100.00	0.0160	ND	0.49
Arochlor 1248	1	100.00	0.0064	ND	0.49
Arochlor 1254	1	100.00	0.0040	ND	0.49
Arochlor 1260	1	100.00	0.0036	ND	0.49

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	PBLK89
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	5/6/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/29/98
Analysis:	SW-846 Method 8080A	**Location :**	
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	100.00	0.0002	ND	NLE
beta-BHC	1	100.00	0.0003	ND	NLE
gamma-BHC	1	100.00	0.0003	ND	0.52
delta-BHC	1	100.00	0.0003	ND	NLE
Heptachlor	1	100.00	0.0003	ND	0.15
Aldrin	1	100.00	0.0003	ND	0.04
Heptachlor Epoxide	1	100.00	0.0002	ND	NLE
Endosulfan I	1	100.00	0.0002	ND	NLE
4,4'-DDE	1	100.00	0.0003	ND	2
Dieldrin	1	100.00	0.0002	ND	0.042
Endrin	1	100.00	0.0003	ND	17
Endosulfan II	1	100.00	0.0003	ND	NLE
4,4'-DDD	1	100.00	0.0007	ND	3
Endrin Aldehyde	1	100.00	0.0005	ND	NLE
4,4'-DDT	1	100.00	0.0002	ND	2
Endosulfan-Sulfate	1	100.00	0.0010	ND	NLE
gamma -Chlordane	1	100.00	0.0010	ND	NLE
alpha-Chlordane	1	100.00	0.0010	ND	NLE
Toxaphene	1	100.00	0.0182	ND	0.1
Arochlor 1016	1	100.00	0.0642	ND	0.49
Arochlor 1221	1	100.00	0.0500	ND	0.49
Arochlor 1232	1	100.00	0.0500	ND	0.49
Arochlor 1242	1	100.00	0.0282	ND	0.49
Arochlor 1248	1	100.00	0.0500	ND	0.49
Arochlor 1254	1	100.00	0.0500	ND	0.49
Arochlor 1260	1	100.00	0.0680	ND	0.49

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	BLK 94 5/12/98 6/13/98
Analysis:	SW-846 Method 8081	**Location :**	
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	100.00	0.0003	ND	NLE
beta-BHC	1	100.00	0.0003	ND	NLE
gamma-BHC	1	100.00	0.0004	ND	0.52
delta-BHC	1	100.00	0.0004	ND	NLE
Heptachlor	1	100.00	0.0003	ND	0.15
Aldrin	1	100.00	0.0004	ND	0.04
Heptachlor Epoxide	1	100.00	0.0006	ND	NLE
Endosulfan I	1	100.00	0.0005	ND	NLE
4,4'-DDE	1	100.00	0.0004	ND	2
Dieldrin	1	100.00	0.0005	ND	0.042
Endrin	1	100.00	0.0005	ND	17
Endosulfan II	1	100.00	0.0004	ND	NLE
4,4'-DDD	1	100.00	0.0006	ND	3
Endrin Aldehyde	1	100.00	0.0005	ND	NLE
4,4'-DDT	1	100.00	0.0011	ND	2
Endosulfan-Sulfate	1	100.00	0.0004	ND	NLE
gamma -Chlordane	1	100.00	0.0005	ND	NLE
alpha-Chlordane	1	100.00	0.0005	ND	NLE
Toxaphene	1	100.00	0.0182	ND	0.1
Arochlor 1016	1	100.00	0.0112	ND	0.49
Arochlor 1221	1	100.00	0.0206	ND	0.49
Arochlor 1232	1	100.00	0.0140	ND	0.49
Arochlor 1242	1	100.00	0.0160	ND	0.49
Arochlor 1248	1	100.00	0.0064	ND	0.49
Arochlor 1254	1	100.00	0.0040	ND	0.49
Arochlor 1260	1	100.00	0.0036	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	BLK71
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	5/7/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/2/98
Analysis:	SW-846 Method 8081	**Location :**	
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	100.00	0.0003	ND	NLE
beta-BHC	1	100.00	0.0003	ND	NLE
gamma-BHC	1	100.00	0.0004	ND	0.52
delta-BHC	1	100.00	0.0004	ND	NLE
Heptachlor	1	100.00	0.0003	ND	0.15
Aldrin	1	100.00	0.0004	ND	0.04
Heptachlor Epoxide	1	100.00	0.0006	ND	NLE
Endosulfan I	1	100.00	0.0005	ND	NLE
4,4'-DDE	1	100.00	0.0004	ND	2
Dieldrin	1	100.00	0.0005	ND	0.042
Endrin	1	100.00	0.0005	ND	17
Endosulfan II	1	100.00	0.0004	ND	NLE
4,4'-DDD	1	100.00	0.0006	ND	3
Endrin Aldehyde	1	100.00	0.0005	ND	NLE
4,4'-DDT	1	100.00	0.0011	ND	2
Endosulfan-Sulfate	1	100.00	0.0004	ND	NLE
gamma -Chlordane	1	100.00	0.0005	ND	NLE
alpha-Chlordane	1	100.00	0.0005	ND	NLE
Toxaphene	1	100.00	0.0182	ND	0.1
Arochlor 1016	1	100.00	0.0112	ND	0.49
Arochlor 1221	1	100.00	0.0206	ND	0.49
Arochlor 1232	1	100.00	0.0140	ND	0.49
Arochlor 1242	1	100.00	0.0160	ND	0.49
Arochlor 1248	1	100.00	0.0064	ND	0.49
Arochlor 1254	1	100.00	0.0040	ND	0.49
Arochlor 1260	1	100.00	0.0036	ND	0.49

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	BLK96
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	5/15/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/13/98
Analysis:	SW-846 Method 8081	**Location :**	
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	100.00	0.0003	ND	NLE
beta-BHC	1	100.00	0.0003	ND	NLE
gamma-BHC	1	100.00	0.0004	ND	0.52
delta-BHC	1	100.00	0.0004	ND	NLE
Heptachlor	1	100.00	0.0003	ND	0.15
Aldrin	1	100.00	0.0004	ND	0.04
Heptachlor Epoxide	1	100.00	0.0006	ND	NLE
Endosulfan I	1	100.00	0.0005	ND	NLE
4,4'-DDE	1	100.00	0.0004	ND	2
Dieldrin	1	100.00	0.0005	ND	0.042
Endrin	1	100.00	0.0005	ND	17
Endosulfan II	1	100.00	0.0004	ND	NLE
4,4'-DDD	1	100.00	0.0006	ND	3
Endrin Aldehyde	1	100.00	0.0005	ND	NLE
4,4'-DDT	1	100.00	0.0011	ND	2
Endosulfan-Sulfate	1	100.00	0.0004	ND	NLE
gamma -Chlordane	1	100.00	0.0005	ND	NLE
alpha-Chlordane	1	100.00	0.0005	ND	NLE
Toxaphene	1	100.00	0.0182	ND	0.1
Arochlor 1016	1	100.00	0.0112	ND	0.49
Arochlor 1221	1	100.00	0.0206	ND	0.49
Arochlor 1232	1	100.00	0.0140	ND	0.49
Arochlor 1242	1	100.00	0.0160	ND	0.49
Arochlor 1248	1	100.00	0.0064	ND	0.49
Arochlor 1254	1	100.00	0.0040	ND	0.49
Arochlor 1260	1	100.00	0.0036	ND	0.49

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	BLK97 5/18/98 6/13/98
Analysis: **Matrix:** **Analyst:**	SW-846 Method 8081 Soil D. Wright	**Location :** **Field ID:**	

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	100.00	0.0003	ND	NLE
beta-BHC	1	100.00	0.0003	ND	NLE
gamma-BHC	1	100.00	0.0004	ND	0.52
delta-BHC	1	100.00	0.0004	ND	NLE
Heptachlor	1	100.00	0.0003	ND	0.15
Aldrin	1	100.00	0.0004	ND	0.04
Heptachlor Epoxide	1	100.00	0.0006	ND	NLE
Endosulfan I	1	100.00	0.0005	ND	NLE
4,4'-DDE	1	100.00	0.0004	ND	2
Dieldrin	1	100.00	0.0005	ND	0.042
Endrin	1	100.00	0.0005	ND	17
Endosulfan II	1	100.00	0.0004	ND	NLE
4,4'-DDD	1	100.00	0.0006	ND	3
Endrin Aldehyde	1	100.00	0.0005	ND	NLE
4,4'-DDT	1	100.00	0.0011	ND	2
Endosulfan-Sulfate	1	100.00	0.0004	ND	NLE
gamma -Chlordane	1	100.00	0.0005	ND	NLE
alpha-Chlordane	1	100.00	0.0005	ND	NLE
Toxaphene	1	100.00	0.0182	ND	0.1
Arochlor 1016	1	100.00	0.0112	ND	0.49
Arochlor 1221	1	100.00	0.0206	ND	0.49
Arochlor 1232	1	100.00	0.0140	ND	0.49
Arochlor 1242	1	100.00	0.0160	ND	0.49
Arochlor 1248	1	100.00	0.0064	ND	0.49
Arochlor 1254	1	100.00	0.0040	ND	0.49
Arochlor 1260	1	100.00	0.0036	ND	0.49

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	BLK99
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	5/20/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/13/98
Analysis:	SW-846 Method 8081	**Location :**	
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	100.00	0.0003	ND	NLE
beta-BHC	1	100.00	0.0003	ND	NLE
gamma-BHC	1	100.00	0.0004	ND	0.52
delta-BHC	1	100.00	0.0004	ND	NLE
Heptachlor	1	100.00	0.0003	ND	0.15
Aldrin	1	100.00	0.0004	ND	0.04
Heptachlor Epoxide	1	100.00	0.0006	ND	NLE
Endosulfan I	1	100.00	0.0005	ND	NLE
4,4'-DDE	1	100.00	0.0004	ND	2
Dieldrin	1	100.00	0.0005	ND	0.042
Endrin	1	100.00	0.0005	ND	17
Endosulfan II	1	100.00	0.0004	ND	NLE
4,4'-DDD	1	100.00	0.0006	ND	3
Endrin Aldehyde	1	100.00	0.0005	ND	NLE
4,4'-DDT	1	100.00	0.0011	ND	2
Endosulfan-Sulfate	1	100.00	0.0004	ND	NLE
gamma -Chlordane	1	100.00	0.0005	ND	NLE
alpha-Chlordane	1	100.00	0.0005	ND	NLE
Toxaphene	1	100.00	0.0182	ND	0.1
Arochlor 1016	1	100.00	0.0112	ND	0.49
Arochlor 1221	1	100.00	0.0206	ND	0.49
Arochlor 1232	1	100.00	0.0140	ND	0.49
Arochlor 1242	1	100.00	0.0160	ND	0.49
Arochlor 1248	1	100.00	0.0064	ND	0.49
Arochlor 1254	1	100.00	0.0040	ND	0.49
Arochlor 1260	1	100.00	0.0036	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	BLK99
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	5/21/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/14/98
Analysis:	SW-846 Method 8081/8082	**Location :**	
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	100.00	0.0003	ND	NLE
beta-BHC	1	100.00	0.0003	ND	NLE
gamma-BHC	1	100.00	0.0004	ND	0.52
delta-BHC	1	100.00	0.0004	ND	NLE
Heptachlor	1	100.00	0.0003	ND	0.15
Aldrin	1	100.00	0.0004	ND	0.04
Heptachlor Epoxide	1	100.00	0.0006	ND	NLE
Endosulfan I	1	100.00	0.0005	ND	NLE
4,4'-DDE	1	100.00	0.0004	ND	2
Dieldrin	1	100.00	0.0005	ND	0.042
Endrin	1	100.00	0.0005	ND	17
Endosulfan II	1	100.00	0.0004	ND	NLE
4,4'-DDD	1	100.00	0.0006	ND	3
Endrin Aldehyde	1	100.00	0.0005	ND	NLE
4,4'-DDT	1	100.00	0.0011	ND	2
Endosulfan-Sulfate	1	100.00	0.0004	ND	NLE
gamma -Chlordane	1	100.00	0.0005	ND	NLE
alpha-Chlordane	1	100.00	0.0005	ND	NLE
Toxaphene	1	100.00	0.0003	ND	0.1
Arochlor 1016	1	100.00	0.0112	ND	0.49
Arochlor 1221	1	100.00	0.0206	ND	0.49
Arochlor 1232	1	100.00	0.0140	ND	0.49
Arochlor 1242	1	100.00	0.0160	ND	0.49
Arochlor 1248	1	100.00	0.0064	ND	0.49
Arochlor 1254	1	100.00	0.0040	ND	0.49
Arochlor 1260	1	100.00	0.0036	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	BLK100
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	5/21/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/14/98
Analysis:	SW-846 Method 8081/8082	**Location :**	
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	100.00	0.0003	ND	NLE
beta-BHC	1	100.00	0.0003	ND	NLE
gamma-BHC	1	100.00	0.0004	ND	0.52
delta-BHC	1	100.00	0.0004	ND	NLE
Heptachlor	1	100.00	0.0003	ND	0.15
Aldrin	1	100.00	0.0004	ND	0.04
Heptachlor Epoxide	1	100.00	0.0006	ND	NLE
Endosulfan I	1	100.00	0.0005	ND	NLE
4,4'-DDE	1	100.00	0.0004	ND	2
Dieldrin	1	100.00	0.0005	ND	0.042
Endrin	1	100.00	0.0005	ND	17
Endosulfan II	1	100.00	0.0004	ND	NLE
4,4'-DDD	1	100.00	0.0006	ND	3
Endrin Aldehyde	1	100.00	0.0005	ND	NLE
4,4'-DDT	1	100.00	0.0011	ND	2
Endosulfan-Sulfate	1	100.00	0.0004	ND	NLE
gamma -Chlordane	1	100.00	0.0005	ND	NLE
alpha-Chlordane	1	100.00	0.0005	ND	NLE
Toxaphene	1	100.00	0.0003	ND	0.1
Arochlor 1016	1	100.00	0.0112	ND	0.49
Arochlor 1221	1	100.00	0.0206	ND	0.49
Arochlor 1232	1	100.00	0.0140	ND	0.49
Arochlor 1242	1	100.00	0.0160	ND	0.49
Arochlor 1248	1	100.00	0.0064	ND	0.49
Arochlor 1254	1	100.00	0.0040	ND	0.49
Arochlor 1260	1	100.00	0.0036	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	BLK100 5/21/98 6/14/98
Analysis: **Matrix:** **Analyst:**	SW-846 Method 8081 Soil D. Wright	**Location :** **Field ID:**	M-5

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	100.00	0.0003	ND	NLE
beta-BHC	1	100.00	0.0003	ND	NLE
gamma-BHC	1	100.00	0.0004	ND	0.52
delta-BHC	1	100.00	0.0004	ND	NLE
Heptachlor	1	100.00	0.0003	ND	0.15
Aldrin	1	100.00	0.0004	ND	0.04
Heptachlor Epoxide	1	100.00	0.0006	ND	NLE
Endosulfan I	1	100.00	0.0005	ND	NLE
4,4'-DDE	1	100.00	0.0004	ND	2
Dieldrin	1	100.00	0.0005	ND	0.042
Endrin	1	100.00	0.0005	ND	17
Endosulfan II	1	100.00	0.0004	ND	NLE
4,4'-DDD	1	100.00	0.0006	ND	3
Endrin Aldehyde	1	100.00	0.0005	ND	NLE
4,4'-DDT	1	100.00	0.0011	ND	2
Endosulfan-Sulfate	1	100.00	0.0004	ND	NLE
gamma -Chlordane	1	100.00	0.0005	ND	NLE
alpha-Chlordane	1	100.00	0.0005	ND	NLE
Toxaphene	1	100.00	0.0182	ND	0.1
Arochlor 1016	1	100.00	0.0112	ND	0.49
Arochlor 1221	1	100.00	0.0206	ND	0.49
Arochlor 1232	1	100.00	0.0140	ND	0.49
Arochlor 1242	1	100.00	0.0160	ND	0.49
Arochlor 1248	1	100.00	0.0064	ND	0.49
Arochlor 1254	1	100.00	0.0040	ND	0.49
Arochlor 1260	1	100.00	0.0036	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	BLK102
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	5/22/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/20/98
Analysis:	SW-846 Method 8081	**Location :**	
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	100.00	0.0003	ND	NLE
beta-BHC	1	100.00	0.0003	ND	NLE
gamma-BHC	1	100.00	0.0004	ND	0.52
delta-BHC	1	100.00	0.0004	ND	NLE
Heptachlor	1	100.00	0.0003	ND	0.15
Aldrin	1	100.00	0.0004	ND	0.04
Heptachlor Epoxide	1	100.00	0.0006	ND	NLE
Endosulfan I	1	100.00	0.0005	ND	NLE
4,4'-DDE	1	100.00	0.0004	ND	2
Dieldrin	1	100.00	0.0005	ND	0.042
Endrin	1	100.00	0.0005	ND	17
Endosulfan II	1	100.00	0.0004	ND	NLE
4,4'-DDD	1	100.00	0.0006	ND	3
Endrin Aldehyde	1	100.00	0.0005	ND	NLE
4,4'-DDT	1	100.00	0.0011	ND	2
Endosulfan-Sulfate	1	100.00	0.0004	ND	NLE
gamma -Chlordane	1	100.00	0.0005	ND	NLE
alpha-Chlordane	1	100.00	0.0005	ND	NLE
Toxaphene	1	100.00	0.0182	ND	0.1
Arochlor 1016	1	100.00	0.0112	ND	0.49
Arochlor 1221	1	100.00	0.0206	ND	0.49
Arochlor 1232	1	100.00	0.0140	ND	0.49
Arochlor 1242	1	100.00	0.0160	ND	0.49
Arochlor 1248	1	100.00	0.0064	ND	0.49
Arochlor 1254	1	100.00	0.0040	ND	0.49
Arochlor 1260	1	100.00	0.0036	ND	0.49

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	BLK104
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	5/27/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/20/98
Analysis:	SW-846 Method 8081	**Location :**	
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	100.00	0.0003	ND	NLE
beta-BHC	1	100.00	0.0003	ND	NLE
gamma-BHC	1	100.00	0.0004	ND	0.52
delta-BHC	1	100.00	0.0004	ND	NLE
Heptachlor	1	100.00	0.0003	ND	0.15
Aldrin	1	100.00	0.0004	ND	0.04
Heptachlor Epoxide	1	100.00	0.0006	ND	NLE
Endosulfan I	1	100.00	0.0005	ND	NLE
4,4'-DDE	1	100.00	0.0004	ND	2
Dieldrin	1	100.00	0.0005	ND	0.042
Endrin	1	100.00	0.0005	ND	17
Endosulfan II	1	100.00	0.0004	ND	NLE
4,4'-DDD	1	100.00	0.0006	ND	3
Endrin Aldehyde	1	100.00	0.0005	ND	NLE
4,4'-DDT	1	100.00	0.0011	ND	2
Endosulfan-Sulfate	1	100.00	0.0004	ND	NLE
gamma -Chlordane	1	100.00	0.0005	ND	NLE
alpha-Chlordane	1	100.00	0.0005	ND	NLE
Toxaphene	1	100.00	0.0182	ND	0.1
Arochlor 1016	1	100.00	0.0112	ND	0.49
Arochlor 1221	1	100.00	0.0206	ND	0.49
Arochlor 1232	1	100.00	0.0140	ND	0.49
Arochlor 1242	1	100.00	0.0160	ND	0.49
Arochlor 1248	1	100.00	0.0064	ND	0.49
Arochlor 1254	1	100.00	0.0040	ND	0.49
Arochlor 1260	1	100.00	0.0036	ND	0.49

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	BLK120
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	6/18/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	7/24/98
Analysis:	SW-846 Method 8081	**Location :**	
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	100.00	0.0003	ND	NLE
beta-BHC	1	100.00	0.0003	ND	NLE
gamma-BHC	1	100.00	0.0004	ND	0.52
delta-BHC	1	100.00	0.0004	ND	NLE
Heptachlor	1	100.00	0.0003	ND	0.15
Aldrin	1	100.00	0.0004	ND	0.04
Heptachlor Epoxide	1	100.00	0.0006	ND	NLE
Endosulfan I	1	100.00	0.0005	ND	NLE
4,4'-DDE	1	100.00	0.0004	ND	2
Dieldrin	1	100.00	0.0005	ND	0.042
Endrin	1	100.00	0.0005	ND	17
Endosulfan II	1	100.00	0.0004	ND	NLE
4,4'-DDD	1	100.00	0.0006	ND	3
Endrin Aldehyde	1	100.00	0.0005	ND	NLE
4,4'-DDT	1	100.00	0.0011	ND	2
Endosulfan-Sulfate	1	100.00	0.0004	ND	NLE
gamma -Chlordane	1	100.00	0.0005	ND	NLE
alpha-Chlordane	1	100.00	0.0005	ND	NLE
Toxaphene	1	100.00	0.0003	ND	0.1
Arochlor 1016	1	100.00	0.0112	ND	0.49
Arochlor 1221	1	100.00	0.0206	ND	0.49
Arochlor 1232	1	100.00	0.0140	ND	0.49
Arochlor 1242	1	100.00	0.0160	ND	0.49
Arochlor 1248	1	100.00	0.0064	ND	0.49
Arochlor 1254	1	100.00	0.0040	ND	0.49
Arochlor 1260	1	100.00	0.0036	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	BLK132
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	6/29/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	8/5/98
Analysis:	SW-846 Method 8081/8082	**Location :**	
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	100.00	0.0003	ND	NLE
beta-BHC	1	100.00	0.0003	ND	NLE
gamma-BHC	1	100.00	0.0004	ND	0.52
delta-BHC	1	100.00	0.0004	ND	NLE
Heptachlor	1	100.00	0.0003	ND	0.15
Aldrin	1	100.00	0.0004	ND	0.04
Heptachlor Epoxide	1	100.00	0.0006	ND	NLE
Endosulfan I	1	100.00	0.0005	ND	NLE
4,4'-DDE	1	100.00	0.0004	ND	2
Dieldrin	1	100.00	0.0005	ND	0.042
Endrin	1	100.00	0.0005	ND	17
Endosulfan II	1	100.00	0.0004	ND	NLE
4,4'-DDD	1	100.00	0.0006	ND	3
Endrin Aldehyde	1	100.00	0.0005	ND	NLE
4,4'-DDT	1	100.00	0.0011	ND	2
Endosulfan-Sulfate	1	100.00	0.0004	ND	NLE
gamma -Chlordane	1	100.00	0.0005	ND	NLE
alpha-Chlordane	1	100.00	0.0005	ND	NLE
Toxaphene	1	100.00	0.0003	ND	0.1
Arochlor 1016	1	100.00	0.0112	ND	0.49
Arochlor 1221	1	100.00	0.0206	ND	0.49
Arochlor 1232	1	100.00	0.0140	ND	0.49
Arochlor 1242	1	100.00	0.0160	ND	0.49
Arochlor 1248	1	100.00	0.0064	ND	0.49
Arochlor 1254	1	100.00	0.0040	ND	0.49
Arochlor 1260	1	100.00	0.0036	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	BLK133 6/30/98 8/5/98
Analysis:	SW-846 Method 8081/8082	**Location :**	
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	100.00	0.0003	ND	NLE
beta-BHC	1	100.00	0.0003	ND	NLE
gamma-BHC	1	100.00	0.0004	ND	0.52
delta-BHC	1	100.00	0.0004	ND	NLE
Heptachlor	1	100.00	0.0003	ND	0.15
Aldrin	1	100.00	0.0004	ND	0.04
Heptachlor Epoxide	1	100.00	0.0006	ND	NLE
Endosulfan I	1	100.00	0.0005	ND	NLE
4,4'-DDE	1	100.00	0.0004	ND	2
Dieldrin	1	100.00	0.0005	ND	0.042
Endrin	1	100.00	0.0005	ND	17
Endosulfan II	1	100.00	0.0004	ND	NLE
4,4'-DDD	1	100.00	0.0006	ND	3
Endrin Aldehyde	1	100.00	0.0005	ND	NLE
4,4'-DDT	1	100.00	0.0011	ND	2
Endosulfan-Sulfate	1	100.00	0.0004	ND	NLE
gamma -Chlordane	1	100.00	0.0005	ND	NLE
alpha-Chlordane	1	100.00	0.0005	ND	NLE
Toxaphene	1	100.00	0.0003	ND	0.1
Arochlor 1016	1	100.00	0.0112	ND	0.49
Arochlor 1221	1	100.00	0.0206	ND	0.49
Arochlor 1232	1	100.00	0.0140	ND	0.49
Arochlor 1242	1	100.00	0.0160	ND	0.49
Arochlor 1248	1	100.00	0.0064	ND	0.49
Arochlor 1254	1	100.00	0.0040	ND	0.49
Arochlor 1260	1	100.00	0.0036	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	BLK144
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	7/14/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	8/22/98
Analysis:	SW-846 Method 8081/8082	**Location :**	
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	100.00	0.0003	ND	NLE
beta-BHC	1	100.00	0.0003	ND	NLE
gamma-BHC	1	100.00	0.0004	ND	0.52
delta-BHC	1	100.00	0.0004	ND	NLE
Heptachlor	1	100.00	0.0003	ND	0.15
Aldrin	1	100.00	0.0004	ND	0.04
Heptachlor Epoxide	1	100.00	0.0006	ND	NLE
Endosulfan I	1	100.00	0.0005	ND	NLE
4,4'-DDE	1	100.00	0.0004	ND	2
Dieldrin	1	100.00	0.0005	ND	0.042
Endrin	1	100.00	0.0005	ND	17
Endosulfan II	1	100.00	0.0004	ND	NLE
4,4'-DDD	1	100.00	0.0006	ND	3
Endrin Aldehyde	1	100.00	0.0005	ND	NLE
4,4'-DDT	1	100.00	0.0011	ND	2
Endosulfan-Sulfate	1	100.00	0.0004	ND	NLE
gamma -Chlordane	1	100.00	0.0005	ND	NLE
alpha-Chlordane	1	100.00	0.0005	ND	NLE
Toxaphene	1	100.00	0.0003	ND	0.1
Arochlor 1016	1	100.00	0.0112	ND	0.49
Arochlor 1221	1	100.00	0.0206	ND	0.49
Arochlor 1232	1	100.00	0.0140	ND	0.49
Arochlor 1242	1	100.00	0.0160	ND	0.49
Arochlor 1248	1	100.00	0.0064	ND	0.49
Arochlor 1254	1	100.00	0.0040	ND	0.49
Arochlor 1260	1	100.00	0.0036	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	BLK171
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	8/13/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	8/23/98
Analysis:	SW-846 Method 8081/8082	**Location :**	
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	100.00	0.0003	ND	NLE
beta-BHC	1	100.00	0.0003	ND	NLE
gamma-BHC	1	100.00	0.0004	ND	0.52
delta-BHC	1	100.00	0.0004	ND	NLE
Heptachlor	1	100.00	0.0003	ND	0.15
Aldrin	1	100.00	0.0004	ND	0.04
Heptachlor Epoxide	1	100.00	0.0006	ND	NLE
Endosulfan I	1	100.00	0.0005	ND	NLE
4,4'-DDE	1	100.00	0.0004	ND	2
Dieldrin	1	100.00	0.0005	ND	0.042
Endrin	1	100.00	0.0005	ND	17
Endosulfan II	1	100.00	0.0004	ND	NLE
4,4'-DDD	1	100.00	0.0006	ND	3
Endrin Aldehyde	1	100.00	0.0005	ND	NLE
4,4'-DDT	1	100.00	0.0011	ND	2
Endosulfan-Sulfate	1	100.00	0.0004	ND	NLE
gamma -Chlordane	1	100.00	0.0005	ND	NLE
alpha-Chlordane	1	100.00	0.0005	ND	NLE
Toxaphene	1	100.00	0.0003	ND	0.1
Arochlor 1016	1	100.00	0.0112	ND	0.49
Arochlor 1221	1	100.00	0.0206	ND	0.49
Arochlor 1232	1	100.00	0.0140	ND	0.49
Arochlor 1242	1	100.00	0.0160	ND	0.49
Arochlor 1248	1	100.00	0.0064	ND	0.49
Arochlor 1254	1	100.00	0.0040	ND	0.49
Arochlor 1260	1	100.00	0.0036	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	BLK172
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	8/14/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	9/10/98
Analysis:	SW-846 Method 8081/8082	**Location :**	
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	100.00	0.0003	ND	NLE
beta-BHC	1	100.00	0.0003	ND	NLE
gamma-BHC	1	100.00	0.0004	ND	0.52
delta-BHC	1	100.00	0.0004	ND	NLE
Heptachlor	1	100.00	0.0003	ND	0.15
Aldrin	1	100.00	0.0004	ND	0.04
Heptachlor Epoxide	1	100.00	0.0006	ND	NLE
Endosulfan I	1	100.00	0.0005	ND	NLE
4,4'-DDE	1	100.00	0.0004	ND	2
Dieldrin	1	100.00	0.0005	ND	0.042
Endrin	1	100.00	0.0005	ND	17
Endosulfan II	1	100.00	0.0004	ND	NLE
4,4'-DDD	1	100.00	0.0006	ND	3
Endrin Aldehyde	1	100.00	0.0005	ND	NLE
4,4'-DDT	1	100.00	0.0011	ND	2
Endosulfan-Sulfate	1	100.00	0.0004	ND	NLE
gamma -Chlordane	1	100.00	0.0005	ND	NLE
alpha-Chlordane	1	100.00	0.0005	ND	NLE
Toxaphene	1	100.00	0.0003	ND	0.1
Arochlor 1016	1	100.00	0.0112	ND	0.49
Arochlor 1221	1	100.00	0.0206	ND	0.49
Arochlor 1232	1	100.00	0.0140	ND	0.49
Arochlor 1242	1	100.00	0.0160	ND	0.49
Arochlor 1248	1	100.00	0.0064	ND	0.49
Arochlor 1254	1	100.00	0.0040	ND	0.49
Arochlor 1260	1	100.00	0.0036	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	BLK172
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	8/14/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	9/10/98
Analysis:	SW-846 Method 8081/8082	**Location :**	
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	100.00	0.0003	ND	NLE
beta-BHC	1	100.00	0.0003	ND	NLE
gamma-BHC	1	100.00	0.0004	ND	0.52
delta-BHC	1	100.00	0.0004	ND	NLE
Heptachlor	1	100.00	0.0003	ND	0.15
Aldrin	1	100.00	0.0004	ND	0.04
Heptachlor Epoxide	1	100.00	0.0006	ND	NLE
Endosulfan I	1	100.00	0.0005	ND	NLE
4,4'-DDE	1	100.00	0.0004	ND	2
Dieldrin	1	100.00	0.0005	ND	0.042
Endrin	1	100.00	0.0005	ND	17
Endosulfan II	1	100.00	0.0004	ND	NLE
4,4'-DDD	1	100.00	0.0006	ND	3
Endrin Aldehyde	1	100.00	0.0005	ND	NLE
4,4'-DDT	1	100.00	0.0011	ND	2
Endosulfan-Sulfate	1	100.00	0.0004	ND	NLE
gamma -Chlordane	1	100.00	0.0005	ND	NLE
alpha-Chlordane	1	100.00	0.0005	ND	NLE
Toxaphene	1	100.00	0.0003	ND	0.1
Arochlor 1016	1	100.00	0.0112	ND	0.49
Arochlor 1221	1	100.00	0.0206	ND	0.49
Arochlor 1232	1	100.00	0.0140	ND	0.49
Arochlor 1242	1	100.00	0.0160	ND	0.49
Arochlor 1248	1	100.00	0.0064	ND	0.49
Arochlor 1254	1	100.00	0.0040	ND	0.49
Arochlor 1260	1	100.00	0.0036	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	BLK174
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	8/18/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	9/24/98
Analysis:	SW-846 Method 8081/8082	**Location :**	
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	100.00	0.0003	ND	NLE
beta-BHC	1	100.00	0.0003	ND	NLE
gamma-BHC	1	100.00	0.0004	ND	0.52
delta-BHC	1	100.00	0.0004	ND	NLE
Heptachlor	1	100.00	0.0003	ND	0.15
Aldrin	1	100.00	0.0004	ND	0.04
Heptachlor Epoxide	1	100.00	0.0006	ND	NLE
Endosulfan I	1	100.00	0.0005	ND	NLE
4,4'-DDE	1	100.00	0.0004	ND	2
Dieldrin	1	100.00	0.0005	ND	0.042
Endrin	1	100.00	0.0005	ND	17
Endosulfan II	1	100.00	0.0004	ND	NLE
4,4'-DDD	1	100.00	0.0006	ND	3
Endrin Aldehyde	1	100.00	0.0005	ND	NLE
4,4'-DDT	1	100.00	0.0011	ND	2
Endosulfan-Sulfate	1	100.00	0.0004	ND	NLE
gamma -Chlordane	1	100.00	0.0005	ND	NLE
alpha-Chlordane	1	100.00	0.0005	ND	NLE
Toxaphene	1	100.00	0.0003	ND	0.1
Arochlor 1016	1	100.00	0.0112	ND	0.49
Arochlor 1221	1	100.00	0.0206	ND	0.49
Arochlor 1232	1	100.00	0.0140	ND	0.49
Arochlor 1242	1	100.00	0.0160	ND	0.49
Arochlor 1248	1	100.00	0.0064	ND	0.49
Arochlor 1254	1	100.00	0.0040	ND	0.49
Arochlor 1260	1	100.00	0.0036	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	BLK178
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	8/26/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/1/98
Analysis:	SW-846 Method 8081/8082	**Location :**	
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	100.00	0.0003	ND	NLE
beta-BHC	1	100.00	0.0003	ND	NLE
gamma-BHC	1	100.00	0.0004	ND	0.52
delta-BHC	1	100.00	0.0004	ND	NLE
Heptachlor	1	100.00	0.0003	ND	0.15
Aldrin	1	100.00	0.0004	ND	0.04
Heptachlor Epoxide	1	100.00	0.0006	ND	NLE
Endosulfan I	1	100.00	0.0005	ND	NLE
4,4'-DDE	1	100.00	0.0004	ND	2
Dieldrin	1	100.00	0.0005	ND	0.042
Endrin	1	100.00	0.0005	ND	17
Endosulfan II	1	100.00	0.0004	ND	NLE
4,4'-DDD	1	100.00	0.0006	ND	3
Endrin Aldehyde	1	100.00	0.0005	ND	NLE
4,4'-DDT	1	100.00	0.0011	ND	2
Endosulfan-Sulfate	1	100.00	0.0004	ND	NLE
gamma -Chlordane	1	100.00	0.0005	ND	NLE
alpha-Chlordane	1	100.00	0.0005	ND	NLE
Toxaphene	1	100.00	0.0003	ND	0.1
Arochlor 1016	1	100.00	0.0112	ND	0.49
Arochlor 1221	1	100.00	0.0206	ND	0.49
Arochlor 1232	1	100.00	0.0140	ND	0.49
Arochlor 1242	1	100.00	0.0160	ND	0.49
Arochlor 1248	1	100.00	0.0064	ND	0.49
Arochlor 1254	1	100.00	0.0040	ND	0.49
Arochlor 1260	1	100.00	0.0036	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	BLK180
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	8/27/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/2/98
Analysis:	SW-846 Method 8081/8082	**Location :**	
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	100.00	0.0003	ND	NLE
beta-BHC	1	100.00	0.0003	ND	NLE
gamma-BHC	1	100.00	0.0004	ND	0.52
delta-BHC	1	100.00	0.0004	ND	NLE
Heptachlor	1	100.00	0.0003	ND	0.15
Aldrin	1	100.00	0.0004	ND	0.04
Heptachlor Epoxide	1	100.00	0.0006	ND	NLE
Endosulfan I	1	100.00	0.0005	ND	NLE
4,4'-DDE	1	100.00	0.0004	ND	2
Dieldrin	1	100.00	0.0005	ND	0.042
Endrin	1	100.00	0.0005	ND	17
Endosulfan II	1	100.00	0.0004	ND	NLE
4,4'-DDD	1	100.00	0.0006	ND	3
Endrin Aldehyde	1	100.00	0.0005	ND	NLE
4,4'-DDT	1	100.00	0.0011	ND	2
Endosulfan-Sulfate	1	100.00	0.0004	ND	NLE
gamma -Chlordane	1	100.00	0.0005	ND	NLE
alpha-Chlordane	1	100.00	0.0005	ND	NLE
Toxaphene	1	100.00	0.0003	ND	0.1
Arochlor 1016	1	100.00	0.0112	ND	0.49
Arochlor 1221	1	100.00	0.0206	ND	0.49
Arochlor 1232	1	100.00	0.0140	ND	0.49
Arochlor 1242	1	100.00	0.0160	ND	0.49
Arochlor 1248	1	100.00	0.0064	ND	0.49
Arochlor 1254	1	100.00	0.0040	ND	0.49
Arochlor 1260	1	100.00	0.0036	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

FIELD DUPLICATES

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	3479.15 4/14/98 4/15/98 5/21/98
Analysis: **Matrix:** **Analyst:**	SW-846 Method 8080A Soil D. Wright	**Location :** **Field ID:**	M-5 Landfill Ft. Monmouth, NJ M-5 Field Dup

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	86.46	0.0002	ND	NLE
beta-BHC	1	86.46	0.0003	ND	NLE
gamma-BHC	1	86.46	0.0003	ND	0.52
delta-BHC	1	86.46	0.0003	ND	NLE
Heptachlor	1	86.46	0.0003	ND	0.15
Aldrin	1	86.46	0.0003	ND	0.04
Heptachlor Epoxide	1	86.46	0.0003	ND	NLE
Endosulfan I	1	86.46	0.0003	ND	NLE
4,4'-DDE	1	86.46	0.0004	0.001	2
Dieldrin	1	86.46	0.0002	ND	0.042
Endrin	1	86.46	0.0003	ND	17
Endosulfan II	1	86.46	0.0003	ND	NLE
4,4'-DDD	1	86.46	0.0007	ND	3
Endrin Aldehyde	1	86.46	0.0006	ND	NLE
4,4'-DDT	1	86.46	0.0002	ND	2
Endosulfan-Sulfate	1	86.46	0.0011	ND	NLE
gamma -Chlordane	1	86.46	0.0011	ND	NLE
alpha-Chlordane	1	86.46	0.0011	ND	NLE
Toxaphene	1	86.46	0.0197	ND	0.1
Arochlor 1016	1	86.46	0.0697	ND	0.49
Arochlor 1221	1	86.46	0.0542	ND	0.49
Arochlor 1232	1	86.46	0.0542	ND	0.49
Arochlor 1242	1	86.46	0.0306	ND	0.49
Arochlor 1248	1	86.46	0.0542	ND	0.49
Arochlor 1254	1	86.46	0.0542	ND	0.49
Arochlor 1260	1	86.46	0.0738	ND	0.49

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3543.18
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/4/98
	Bldg. 173	**Extraction Date:**	5/6/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/30/98
Analysis:	SW-846 Method 8081	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	Field Dup

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	77.84	0.0004	ND	NLE
beta-BHC	1	77.84	0.0004	ND	NLE
gamma-BHC	1	77.84	0.0005	ND	0.52
delta-BHC	1	77.84	0.0005	ND	NLE
Heptachlor	1	77.84	0.0004	ND	0.15
Aldrin	1	77.84	0.0005	ND	0.04
Heptachlor Epoxide	1	77.84	0.0008	ND	NLE
Endosulfan I	1	77.84	0.0006	ND	NLE
4,4'-DDE	1	77.84	0.0005	ND	2
Dieldrin	1	77.84	0.0006	ND	0.042
Endrin	1	77.84	0.0006	ND	17
Endosulfan II	1	77.84	0.0005	ND	NLE
4,4'-DDD	1	77.84	0.0008	ND	3
Endrin Aldehyde	1	77.84	0.0006	ND	NLE
4,4'-DDT	1	77.84	0.0014	ND	2
Endosulfan-Sulfate	1	77.84	0.0005	ND	NLE
gamma -Chlordane	1	77.84	0.0006	ND	NLE
alpha-Chlordane	1	77.84	0.0006	ND	NLE
Toxaphene	1	77.84	0.0229	ND	0.1
Arochlor 1016	1	77.84	0.0141	ND	0.49
Arochlor 1221	1	77.84	0.0259	ND	0.49
Arochlor 1232	1	77.84	0.0176	ND	0.49
Arochlor 1242	1	77.84	0.0201	ND	0.49
Arochlor 1248	1	77.84	0.0080	ND	0.49
Arochlor 1254	1	77.84	0.0050	ND	0.49
Arochlor 1260	1	77.84	0.0045	ND	0.49

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3567.23
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/14/98
	Bldg. 173	**Extraction Date:**	5/15/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/13/98
Analysis:	SW-846 Method 8081	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	Field Dup

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	91.68	0.0003	ND	NLE
beta-BHC	1	91.68	0.0003	ND	NLE
gamma-BHC	1	91.68	0.0004	ND	0.52
delta-BHC	1	91.68	0.0004	ND	NLE
Heptachlor	1	91.68	0.0003	ND	0.15
Aldrin	1	91.68	0.0004	ND	0.04
Heptachlor Epoxide	1	91.68	0.0006	ND	NLE
Endosulfan I	1	91.68	0.0005	ND	NLE
4,4'-DDE	1	91.68	0.0004	0.002	2
Dieldrin	1	91.68	0.0005	ND	0.042
Endrin	1	91.68	0.0005	ND	17
Endosulfan II	1	91.68	0.0004	ND	NLE
4,4'-DDD	1	91.68	0.0006	ND	3
Endrin Aldehyde	1	91.68	0.0005	ND	NLE
4,4'-DDT	1	91.68	0.0012	ND	2
Endosulfan-Sulfate	1	91.68	0.0004	ND	NLE
gamma -Chlordane	1	91.68	0.0005	ND	NLE
alpha-Chlordane	1	91.68	0.0005	ND	NLE
Toxaphene	1	91.68	0.0192	ND	0.1
Arochlor 1016	1	91.68	0.0118	ND	0.49
Arochlor 1221	1	91.68	0.0217	ND	0.49
Arochlor 1232	1	91.68	0.0148	ND	0.49
Arochlor 1242	1	91.68	0.0169	ND	0.49
Arochlor 1248	1	91.68	0.0067	ND	0.49
Arochlor 1254	1	91.68	0.0042	ND	0.49
Arochlor 1260	1	91.68	0.0038	ND	0.49

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3580.38
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/19/98
	Bldg. 173	**Extraction Date:**	5/21/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/14/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	Field Dup

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	86.34	0.0003	ND	NLE
beta-BHC	1	86.34	0.0003	ND	NLE
gamma-BHC	1	86.34	0.0005	ND	0.52
delta-BHC	1	86.34	0.0005	ND	NLE
Heptachlor	1	86.34	0.0003	ND	0.15
Aldrin	1	86.34	0.0005	ND	0.04
Heptachlor Epoxide	1	86.34	0.0007	ND	NLE
Endosulfan I	1	86.34	0.0006	ND	NLE
4,4'-DDE	1	86.34	0.0005	0.002	2
Dieldrin	1	86.34	0.0006	ND	0.042
Endrin	1	86.34	0.0006	ND	17
Endosulfan II	1	86.34	0.0005	ND	NLE
4,4'-DDD	1	86.34	0.0007	ND	3
Endrin Aldehyde	1	86.34	0.0006	ND	NLE
4,4'-DDT	1	86.34	0.0012	0.002	2
Endosulfan-Sulfate	1	86.34	0.0005	ND	NLE
gamma -Chlordane	1	86.34	0.0006	ND	NLE
alpha-Chlordane	1	86.34	0.0006	ND	NLE
Toxaphene	1	86.34	0.0003	ND	0.1
Arochlor 1016	1	86.34	0.0126	ND	0.49
Arochlor 1221	1	86.34	0.0233	ND	0.49
Arochlor 1232	1	86.34	0.0158	ND	0.49
Arochlor 1242	1	86.34	0.0181	ND	0.49
Arochlor 1248	1	86.34	0.0072	ND	0.49
Arochlor 1254	1	86.34	0.0045	ND	0.49
Arochlor 1260	1	86.34	0.0041	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3665.25
	DPW. SELFM-PW-EV	**Date Rec'd:**	6/18/98
	Bldg. 173	**Extraction Date:**	6/18/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	7/24/98
Analysis:	SW-846 Method 8081	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	Field Dup

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	90.35	0.0003	ND	NLE
beta-BHC	1	90.35	0.0003	ND	NLE
gamma-BHC	1	90.35	0.0004	ND	0.52
delta-BHC	1	90.35	0.0004	ND	NLE
Heptachlor	1	90.35	0.0003	ND	0.15
Aldrin	1	90.35	0.0004	ND	0.04
Heptachlor Epoxide	1	90.35	0.0006	ND	NLE
Endosulfan I	1	90.35	0.0005	ND	NLE
4,4'-DDE	1	90.35	0.0004	0.011	2
Dieldrin	1	90.35	0.0005	ND	0.042
Endrin	1	90.35	0.0005	ND	17
Endosulfan II	1	90.35	0.0004	ND	NLE
4,4'-DDD	1	90.35	0.0006	ND	3
Endrin Aldehyde	1	90.35	0.0005	ND	NLE
4,4'-DDT	1	90.35	0.0011	0.017	2
Endosulfan-Sulfate	1	90.35	0.0004	ND	NLE
gamma -Chlordane	1	90.35	0.0005	ND	NLE
alpha-Chlordane	1	90.35	0.0005	ND	NLE
Toxaphene	1	90.35	0.0003	ND	0.1
Arochlor 1016	1	90.35	0.0115	ND	0.49
Arochlor 1221	1	90.35	0.0212	ND	0.49
Arochlor 1232	1	90.35	0.0144	ND	0.49
Arochlor 1242	1	90.35	0.0165	ND	0.49
Arochlor 1248	1	90.35	0.0066	ND	0.49
Arochlor 1254	1	90.35	0.0041	ND	0.49
Arochlor 1260	1	90.35	0.0037	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3722.24
	DPW. SELFM-PW-EV	**Date Rec'd:**	7/13/98
	Bldg. 173	**Extraction Date:**	7/14/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	8/22/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	Field Dup

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	95.00	0.0003	ND	NLE
beta-BHC	1	95.00	0.0003	ND	NLE
gamma-BHC	1	95.00	0.0004	ND	0.52
delta-BHC	1	95.00	0.0004	ND	NLE
Heptachlor	1	95.00	0.0003	ND	0.15
Aldrin	1	95.00	0.0004	ND	0.04
Heptachlor Epoxide	1	95.00	0.0006	ND	NLE
Endosulfan I	1	95.00	0.0005	ND	NLE
4,4'-DDE	1	95.00	0.0004	0.008	2
Dieldrin	1	95.00	0.0005	ND	0.042
Endrin	1	95.00	0.0005	ND	17
Endosulfan II	1	95.00	0.0004	ND	NLE
4,4'-DDD	1	95.00	0.0006	ND	3
Endrin Aldehyde	1	95.00	0.0005	ND	NLE
4,4'-DDT	1	95.00	0.0011	0.009	2
Endosulfan-Sulfate	1	95.00	0.0004	ND	NLE
gamma -Chlordane	1	95.00	0.0005	ND	NLE
alpha-Chlordane	1	95.00	0.0005	ND	NLE
Toxaphene	1	95.00	0.0003	ND	0.1
Arochlor 1016	1	95.00	0.0108	ND	0.49
Arochlor 1221	1	95.00	0.0198	ND	0.49
Arochlor 1232	1	95.00	0.0135	ND	0.49
Arochlor 1242	1	95.00	0.0154	ND	0.49
Arochlor 1248	1	95.00	0.0062	ND	0.49
Arochlor 1254	1	95.00	0.0038	ND	0.49
Arochlor 1260	1	95.00	0.0035	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3805.32
	DPW. SELFM-PW-EV	**Date Rec'd:**	8/12/98
	Bldg. 173	**Extraction Date:**	8/14/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	9/11/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	Field Dup

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	86.88	0.0003	ND	NLE
beta-BHC	1	86.88	0.0003	ND	NLE
gamma-BHC	1	86.88	0.0004	ND	0.52
delta-BHC	1	86.88	0.0004	ND	NLE
Heptachlor	1	86.88	0.0003	ND	0.15
Aldrin	1	86.88	0.0004	ND	0.04
Heptachlor Epoxide	1	86.88	0.0006	ND	NLE
Endosulfan I	1	86.88	0.0005	ND	NLE
4,4'-DDE	1	86.88	0.0004	ND	2
Dieldrin	1	86.88	0.0005	ND	0.042
Endrin	1	86.88	0.0005	ND	17
Endosulfan II	1	86.88	0.0004	ND	NLE
4,4'-DDD	1	86.88	0.0006	ND	3
Endrin Aldehyde	1	86.88	0.0005	ND	NLE
4,4'-DDT	1	86.88	0.0011	ND	2
Endosulfan-Sulfate	1	86.88	0.0004	ND	NLE
gamma -Chlordane	1	86.88	0.0005	ND	NLE
alpha-Chlordane	1	86.88	0.0005	ND	NLE
Toxaphene	1	86.88	0.0003	ND	0.1
Arochlor 1016	1	86.88	0.0113	ND	0.49
Arochlor 1221	1	86.88	0.0209	ND	0.49
Arochlor 1232	1	86.88	0.0142	ND	0.49
Arochlor 1242	1	86.88	0.0162	ND	0.49
Arochlor 1248	1	86.88	0.0065	ND	0.49
Arochlor 1254	5	86.88	0.0202	10.343	0.49
Arochlor 1260	1	86.88	0.0036	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	3809.24 8/10/98 8/14/98 9/23/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	Field Dup

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	94.66	0.0003	ND	NLE
beta-BHC	1	94.66	0.0003	ND	NLE
gamma-BHC	1	94.66	0.0004	ND	0.52
delta-BHC	1	94.66	0.0004	ND	NLE
Heptachlor	1	94.66	0.0003	ND	0.15
Aldrin	1	94.66	0.0004	ND	0.04
Heptachlor Epoxide	1	94.66	0.0006	ND	NLE
Endosulfan I	1	94.66	0.0005	ND	NLE
4,4'-DDE	20	94.66	0.0082	0.457	2
Dieldrin	1	94.66	0.0005	ND	0.042
Endrin	1	94.66	0.0005	ND	17
Endosulfan II	1	94.66	0.0004	ND	NLE
4,4'-DDD	1	94.66	0.0006	0.069	3
Endrin Aldehyde	1	94.66	0.0005	ND	NLE
4,4'-DDT	20	94.66	0.0225	0.491	2
Endosulfan-Sulfate	1	94.66	0.0004	ND	NLE
gamma -Chlordane	1	94.66	0.0005	ND	NLE
alpha-Chlordane	1	94.66	0.0005	ND	NLE
Toxaphene	1	94.66	0.0003	ND	0.1
Arochlor 1016	1	94.66	0.0114	ND	0.49
Arochlor 1221	1	94.66	0.0210	ND	0.49
Arochlor 1232	1	94.66	0.0143	ND	0.49
Arochlor 1242	1	94.66	0.0163	ND	0.49
Arochlor 1248	1	94.66	0.0065	ND	0.49
Arochlor 1254	1	94.66	0.0041	ND	0.49
Arochlor 1260	1	94.66	0.0037	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3836.38
	DPW. SELFM-PW-EV	**Date Rec'd:**	8/27/98
	Bldg. 173	**Extraction Date:**	8/27/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/5/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	Field Dup

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	86.75	0.0003	ND	NLE
beta-BHC	1	86.75	0.0003	ND	NLE
gamma-BHC	1	86.75	0.0005	ND	0.52
delta-BHC	1	86.75	0.0005	ND	NLE
Heptachlor	1	86.75	0.0003	ND	0.15
Aldrin	1	86.75	0.0005	ND	0.04
Heptachlor Epoxide	1	86.75	0.0007	ND	NLE
Endosulfan I	1	86.75	0.0006	ND	NLE
4,4'-DDE	100	86.75	0.0463	0.340	2
Dieldrin	1	86.75	0.0006	ND	0.042
Endrin	1	86.75	0.0006	ND	17
Endosulfan II	1	86.75	0.0005	ND	NLE
4,4'-DDD	1	86.75	0.0007	0.109	3
Endrin Aldehyde	1	86.75	0.0006	ND	NLE
4,4'-DDT	100	86.75	0.1274	0.822	2
Endosulfan-Sulfate	1	86.75	0.0005	ND	NLE
gamma -Chlordane	1	86.75	0.0006	ND	NLE
alpha-Chlordane	1	86.75	0.0006	ND	NLE
Toxaphene	1	86.75	0.0003	ND	0.1
Arochlor 1016	1	86.75	0.0130	ND	0.49
Arochlor 1221	1	86.75	0.0239	ND	0.49
Arochlor 1232	1	86.75	0.0162	ND	0.49
Arochlor 1242	1	86.75	0.0185	ND	0.49
Arochlor 1248	1	86.75	0.0074	ND	0.49
Arochlor 1254	1	86.75	0.0046	ND	0.49
Arochlor 1260	1	86.75	0.0042	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

SAMPLES

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3465.03
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/8/98
	Bldg. 173	**Extraction Date:**	4/9/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/13/98
Analysis:	SW-846 Method 8080A	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-1

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	2	90.87	0.0005	ND	NLE
beta-BHC	2	90.87	0.0006	ND	NLE
gamma-BHC	2	90.87	0.0006	ND	0.52
delta-BHC	2	90.87	0.0006	ND	NLE
Heptachlor	2	90.87	0.0006	ND	0.15
Aldrin	2	90.87	0.0006	ND	0.04
Heptachlor Epoxide	2	90.87	0.0005	ND	NLE
Endosulfan I	2	90.87	0.0005	ND	NLE
4,4'-DDE	2	90.87	0.0007	ND	2
Dieldrin	2	90.87	0.0004	ND	0.042
Endrin	2	90.87	0.0006	ND	17
Endosulfan II	2	90.87	0.0006	0.008	NLE
4,4'-DDD	2	90.87	0.0014	ND	3
Endrin Aldehyde	2	90.87	0.0011	ND	NLE
4,4'-DDT	2	90.87	0.0003	ND	2
Endosulfan-Sulfate	2	90.87	0.0021	ND	NLE
gamma -Chlordane	2	90.87	0.0022	ND	NLE
alpha-Chlordane	2	90.87	0.0022	ND	NLE
Toxaphene	2	90.87	0.0393	ND	0.1
Arochlor 1016	2	90.87	0.1387	ND	0.49
Arochlor 1221	2	90.87	0.1080	ND	0.49
Arochlor 1232	2	90.87	0.1080	ND	0.49
Arochlor 1242	2	90.87	0.0609	ND	0.49
Arochlor 1248	2	90.87	0.1080	ND	0.49
Arochlor 1254	2	90.87	0.1080	ND	0.49
Arochlor 1260	2	90.87	0.1469	ND	0.49

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3465.07
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/8/98
	Bldg. 173	**Extraction Date:**	4/9/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/13/98
Analysis:	SW-846 Method 8080A	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-2

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	2	86.67	0.0005	ND	NLE
beta-BHC	2	86.67	0.0006	ND	NLE
gamma-BHC	2	86.67	0.0006	ND	0.52
delta-BHC	2	86.67	0.0006	ND	NLE
Heptachlor	2	86.67	0.0006	ND	0.15
Aldrin	2	86.67	0.0006	ND	0.04
Heptachlor Epoxide	2	86.67	0.0005	ND	NLE
Endosulfan I	2	86.67	0.0005	ND	NLE
4,4'-DDE	2	86.67	0.0007	0.001	2
Dieldrin	2	86.67	0.0004	ND	0.042
Endrin	2	86.67	0.0006	ND	17
Endosulfan II	2	86.67	0.0006	ND	NLE
4,4'-DDD	2	86.67	0.0014	ND	3
Endrin Aldehyde	2	86.67	0.0011	ND	NLE
4,4'-DDT	2	86.67	0.0003	ND	2
Endosulfan-Sulfate	2	86.67	0.0021	ND	NLE
gamma -Chlordane	2	86.67	0.0022	ND	NLE
alpha-Chlordane	2	86.67	0.0022	ND	NLE
Toxaphene	2	86.67	0.0393	ND	0.1
Arochlor 1016	2	86.67	0.1387	ND	0.49
Arochlor 1221	2	86.67	0.1080	ND	0.49
Arochlor 1232	2	86.67	0.1080	ND	0.49
Arochlor 1242	2	86.67	0.0609	ND	0.49
Arochlor 1248	2	86.67	0.1080	ND	0.49
Arochlor 1254	2	86.67	0.1080	ND	0.49
Arochlor 1260	2	86.67	0.1469	ND	0.49

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3465.11
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/8/98
	Bldg. 173	**Extraction Date:**	4/9/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/13/98
Analysis:	SW-846 Method 8080A	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-3

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	2	88.14	0.0005	ND	NLE
beta-BHC	2	88.14	0.0006	ND	NLE
gamma-BHC	2	88.14	0.0006	ND	0.52
delta-BHC	2	88.14	0.0006	ND	NLE
Heptachlor	2	88.14	0.0006	ND	0.15
Aldrin	2	88.14	0.0006	ND	0.04
Heptachlor Epoxide	2	88.14	0.0005	ND	NLE
Endosulfan I	2	88.14	0.0005	ND	NLE
4,4'-DDE	2	88.14	0.0008	0.001	2
Dieldrin	2	88.14	0.0004	ND	0.042
Endrin	2	88.14	0.0007	ND	17
Endosulfan II	2	88.14	0.0006	ND	NLE
4,4'-DDD	2	88.14	0.0015	ND	3
Endrin Aldehyde	2	88.14	0.0012	ND	NLE
4,4'-DDT	2	88.14	0.0003	ND	2
Endosulfan-Sulfate	2	88.14	0.0022	ND	NLE
gamma -Chlordane	2	88.14	0.0022	ND	NLE
alpha-Chlordane	2	88.14	0.0022	ND	NLE
Toxaphene	2	88.14	0.0408	ND	0.1
Arochlor 1016	2	88.14	0.1438	ND	0.49
Arochlor 1221	2	88.14	0.1120	ND	0.49
Arochlor 1232	2	88.14	0.1120	ND	0.49
Arochlor 1242	2	88.14	0.0632	ND	0.49
Arochlor 1248	2	88.14	0.1120	ND	0.49
Arochlor 1254	2	88.14	0.1120	ND	0.49
Arochlor 1260	2	88.14	0.1523	ND	0.49

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3470.03
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/9/98
	Bldg. 173	**Extraction Date:**	4/10/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/14/98
Analysis:	SW-846 Method 8080A	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-4

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	2	90.85	0.0005	ND	NLE
beta-BHC	2	90.85	0.0006	ND	NLE
gamma-BHC	2	90.85	0.0006	ND	0.52
delta-BHC	2	90.85	0.0006	ND	NLE
Heptachlor	2	90.85	0.0006	ND	0.15
Aldrin	2	90.85	0.0006	ND	0.04
Heptachlor Epoxide	2	90.85	0.0005	ND	NLE
Endosulfan I	2	90.85	0.0005	ND	NLE
4,4'-DDE	2	90.85	0.0007	0.001	2
Dieldrin	2	90.85	0.0004	ND	0.042
Endrin	2	90.85	0.0006	ND	17
Endosulfan II	2	90.85	0.0006	ND	NLE
4,4'-DDD	2	90.85	0.0014	ND	3
Endrin Aldehyde	2	90.85	0.0011	ND	NLE
4,4'-DDT	2	90.85	0.0003	ND	2
Endosulfan-Sulfate	2	90.85	0.0021	ND	NLE
gamma -Chlordane	2	90.85	0.0021	ND	NLE
alpha-Chlordane	2	90.85	0.0021	ND	NLE
Toxaphene	2	90.85	0.0387	ND	0.1
Arochlor 1016	2	90.85	0.1366	ND	0.49
Arochlor 1221	2	90.85	0.1063	ND	0.49
Arochlor 1232	2	90.85	0.1063	ND	0.49
Arochlor 1242	2	90.85	0.0600	ND	0.49
Arochlor 1248	2	90.85	0.1063	ND	0.49
Arochlor 1254	2	90.85	0.1063	ND	0.49
Arochlor 1260	2	90.85	0.1446	ND	0.49

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3470.07
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/9/98
	Bldg. 173	**Extraction Date:**	4/10/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/14/98
Analysis:	SW-846 Method 8080A	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-5

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	2	89.42	0.0005	ND	NLE
beta-BHC	2	89.42	0.0005	ND	NLE
gamma-BHC	2	89.42	0.0005	ND	0.52
delta-BHC	2	89.42	0.0006	ND	NLE
Heptachlor	2	89.42	0.0006	ND	0.15
Aldrin	2	89.42	0.0006	ND	0.04
Heptachlor Epoxide	2	89.42	0.0005	ND	NLE
Endosulfan I	2	89.42	0.0005	ND	NLE
4,4'-DDE	2	89.42	0.0007	ND	2
Dieldrin	2	89.42	0.0004	ND	0.042
Endrin	2	89.42	0.0006	ND	17
Endosulfan II	2	89.42	0.0006	ND	NLE
4,4'-DDD	2	89.42	0.0014	ND	3
Endrin Aldehyde	2	89.42	0.0011	ND	NLE
4,4'-DDT	2	89.42	0.0003	ND	2
Endosulfan-Sulfate	2	89.42	0.0020	ND	NLE
gamma -Chlordane	2	89.42	0.0020	ND	NLE
alpha-Chlordane	2	89.42	0.0020	ND	NLE
Toxaphene	2	89.42	0.0373	ND	0.1
Arochlor 1016	2	89.42	0.1315	ND	0.49
Arochlor 1221	2	89.42	0.1024	ND	0.49
Arochlor 1232	2	89.42	0.1024	ND	0.49
Arochlor 1242	2	89.42	0.0578	ND	0.49
Arochlor 1248	2	89.42	0.1024	ND	0.49
Arochlor 1254	2	89.42	0.1024	ND	0.49
Arochlor 1260	2	89.42	0.1393	ND	0.49

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3470.11
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/9/98
	Bldg. 173	**Extraction Date:**	4/10/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/14/98
Analysis:	SW-846 Method 8080A	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-6

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	2	90.32	0.0005	ND	NLE
beta-BHC	2	90.32	0.0005	ND	NLE
gamma-BHC	2	90.32	0.0005	ND	0.52
delta-BHC	2	90.32	0.0006	ND	NLE
Heptachlor	2	90.32	0.0006	ND	0.15
Aldrin	2	90.32	0.0006	ND	0.04
Heptachlor Epoxide	2	90.32	0.0005	ND	NLE
Endosulfan I	2	90.32	0.0005	ND	NLE
4,4'-DDE	2	90.32	0.0007	ND	2
Dieldrin	2	90.32	0.0004	ND	0.042
Endrin	2	90.32	0.0006	ND	17
Endosulfan II	2	90.32	0.0006	ND	NLE
4,4'-DDD	2	90.32	0.0014	ND	3
Endrin Aldehyde	2	90.32	0.0011	ND	NLE
4,4'-DDT	2	90.32	0.0003	ND	2
Endosulfan-Sulfate	2	90.32	0.0021	ND	NLE
gamma -Chlordane	2	90.32	0.0021	ND	NLE
alpha-Chlordane	2	90.32	0.0021	ND	NLE
Toxaphene	2	90.32	0.0385	ND	0.1
Arochlor 1016	2	90.32	0.1358	ND	0.49
Arochlor 1221	2	90.32	0.1057	ND	0.49
Arochlor 1232	2	90.32	0.1057	ND	0.49
Arochlor 1242	2	90.32	0.0596	ND	0.49
Arochlor 1248	2	90.32	0.1057	ND	0.49
Arochlor 1254	2	90.32	0.1057	ND	0.49
Arochlor 1260	2	90.32	0.1438	ND	0.49

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3470.15
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/9/98
	Bldg. 173	**Extraction Date:**	4/10/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/14/98
Analysis:	SW-846 Method 8080A	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-7

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	2	82.55	0.0005	ND	NLE
beta-BHC	2	82.55	0.0006	ND	NLE
gamma-BHC	2	82.55	0.0006	ND	0.52
delta-BHC	2	82.55	0.0007	ND	NLE
Heptachlor	2	82.55	0.0006	ND	0.15
Aldrin	2	82.55	0.0007	ND	0.04
Heptachlor Epoxide	2	82.55	0.0006	ND	NLE
Endosulfan I	2	82.55	0.0006	ND	NLE
4,4'-DDE	2	82.55	0.0008	ND	2
Dieldrin	2	82.55	0.0004	ND	0.042
Endrin	2	82.55	0.0007	ND	17
Endosulfan II	2	82.55	0.0006	ND	NLE
4,4'-DDD	2	82.55	0.0015	ND	3
Endrin Aldehyde	2	82.55	0.0012	ND	NLE
4,4'-DDT	2	82.55	0.0004	ND	2
Endosulfan-Sulfate	2	82.55	0.0023	ND	NLE
gamma -Chlordane	2	82.55	0.0023	ND	NLE
alpha-Chlordane	2	82.55	0.0023	ND	NLE
Toxaphene	2	82.55	0.0427	ND	0.1
Arochlor 1016	2	82.55	0.1506	ND	0.49
Arochlor 1221	2	82.55	0.1173	ND	0.49
Arochlor 1232	2	82.55	0.1173	ND	0.49
Arochlor 1242	2	82.55	0.0661	ND	0.49
Arochlor 1248	2	82.55	0.1173	ND	0.49
Arochlor 1254	2	82.55	0.1173	ND	0.49
Arochlor 1260	2	82.55	0.1595	ND	0.49

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3472.03
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/10/98
	Bldg. 173	**Extraction Date:**	4/13/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/14/98
Analysis:	SW-846 Method 8080A	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-8

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	2	76.60	0.0005	ND	NLE
beta-BHC	2	76.60	0.0006	ND	NLE
gamma-BHC	2	76.60	0.0006	ND	0.52
delta-BHC	2	76.60	0.0007	ND	NLE
Heptachlor	2	76.60	0.0006	ND	0.15
Aldrin	2	76.60	0.0007	ND	0.04
Heptachlor Epoxide	2	76.60	0.0006	ND	NLE
Endosulfan I	2	76.60	0.0006	ND	NLE
4,4'-DDE	2	76.60	0.0008	0.006	2
Dieldrin	2	76.60	0.0005	ND	0.042
Endrin	2	76.60	0.0007	ND	17
Endosulfan II	2	76.60	0.0006	ND	NLE
4,4'-DDD	2	76.60	0.0016	0.006	3
Endrin Aldehyde	2	76.60	0.0012	ND	NLE
4,4'-DDT	2	76.60	0.0004	0.010	2
Endosulfan-Sulfate	2	76.60	0.0023	ND	NLE
gamma -Chlordane	2	76.60	0.0024	ND	NLE
alpha-Chlordane	2	76.60	0.0024	ND	NLE
Toxaphene	2	76.60	0.0435	ND	0.1
Arochlor 1016	2	76.60	0.1534	ND	0.49
Arochlor 1221	2	76.60	0.1194	ND	0.49
Arochlor 1232	2	76.60	0.1194	ND	0.49
Arochlor 1242	2	76.60	0.0674	ND	0.49
Arochlor 1248	2	76.60	0.1194	ND	0.49
Arochlor 1254	2	76.60	0.1194	ND	0.49
Arochlor 1260	2	76.60	0.1624	ND	0.49

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3472.07
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/10/98
	Bldg. 173	**Extraction Date:**	4/13/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/14/98
Analysis:	SW-846 Method 8080A	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-9

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	2	80.53	0.0006	ND	NLE
beta-BHC	2	80.53	0.0006	ND	NLE
gamma-BHC	2	80.53	0.0006	ND	0.52
delta-BHC	2	80.53	0.0007	ND	NLE
Heptachlor	2	80.53	0.0007	ND	0.15
Aldrin	2	80.53	0.0007	ND	0.04
Heptachlor Epoxide	2	80.53	0.0006	ND	NLE
Endosulfan I	2	80.53	0.0006	ND	NLE
4,4'-DDE	2	80.53	0.0008	0.021	2
Dieldrin	2	80.53	0.0005	ND	0.042
Endrin	2	80.53	0.0007	ND	17
Endosulfan II	2	80.53	0.0007	ND	NLE
4,4'-DDD	2	80.53	0.0016	ND	3
Endrin Aldehyde	2	80.53	0.0013	ND	NLE
4,4'-DDT	2	80.53	0.0004	ND	2
Endosulfan-Sulfate	2	80.53	0.0024	ND	NLE
gamma -Chlordane	2	80.53	0.0025	ND	NLE
alpha-Chlordane	2	80.53	0.0025	ND	NLE
Toxaphene	2	80.53	0.0448	ND	0.1
Arochlor 1016	2	80.53	0.1580	ND	0.49
Arochlor 1221	2	80.53	0.1231	ND	0.49
Arochlor 1232	2	80.53	0.1231	ND	0.49
Arochlor 1242	2	80.53	0.0694	ND	0.49
Arochlor 1248	2	80.53	0.1231	ND	0.49
Arochlor 1254	2	80.53	0.1231	ND	0.49
Arochlor 1260	2	80.53	0.1674	ND	0.49

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3472.11
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/10/98
	Bldg. 173	**Extraction Date:**	4/13/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/14/98
Analysis:	SW-846 Method 8080A	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-10

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	2	83.68	0.0005	ND	NLE
beta-BHC	2	83.68	0.0006	ND	NLE
gamma-BHC	2	83.68	0.0006	ND	0.52
delta-BHC	2	83.68	0.0007	ND	NLE
Heptachlor	2	83.68	0.0006	ND	0.15
Aldrin	2	83.68	0.0006	ND	0.04
Heptachlor Epoxide	2	83.68	0.0005	ND	NLE
Endosulfan I	2	83.68	0.0005	ND	NLE
4,4'-DDE	2	83.68	0.0008	ND	2
Dieldrin	2	83.68	0.0004	ND	0.042
Endrin	2	83.68	0.0007	ND	17
Endosulfan II	2	83.68	0.0006	ND	NLE
4,4'-DDD	2	83.68	0.0015	0.003	3
Endrin Aldehyde	2	83.68	0.0012	ND	NLE
4,4'-DDT	2	83.68	0.0003	0.006	2
Endosulfan-Sulfate	2	83.68	0.0022	ND	NLE
gamma -Chlordane	2	83.68	0.0023	ND	NLE
alpha-Chlordane	2	83.68	0.0023	ND	NLE
Toxaphene	2	83.68	0.0413	ND	0.1
Arochlor 1016	2	83.68	0.1456	ND	0.49
Arochlor 1221	2	83.68	0.1134	ND	0.49
Arochlor 1232	2	83.68	0.1134	ND	0.49
Arochlor 1242	2	83.68	0.0639	ND	0.49
Arochlor 1248	2	83.68	0.1134	ND	0.49
Arochlor 1254	2	83.68	0.1134	ND	0.49
Arochlor 1260	2	83.68	0.1542	ND	0.49

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3473.03
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/11/98
	Bldg. 173	**Extraction Date:**	4/13/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/14/98
Analysis:	SW-846 Method 8080A	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-11

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	2	86.90	0.0005	ND	NLE
beta-BHC	2	86.90	0.0006	ND	NLE
gamma-BHC	2	86.90	0.0006	ND	0.52
delta-BHC	2	86.90	0.0006	ND	NLE
Heptachlor	2	86.90	0.0006	ND	0.15
Aldrin	2	86.90	0.0006	ND	0.04
Heptachlor Epoxide	2	86.90	0.0005	ND	NLE
Endosulfan I	2	86.90	0.0005	ND	NLE
4,4'-DDE	2	86.90	0.0007	ND	2
Dieldrin	2	86.90	0.0004	ND	0.042
Endrin	2	86.90	0.0006	ND	17
Endosulfan II	2	86.90	0.0006	ND	NLE
4,4'-DDD	2	86.90	0.0014	ND	3
Endrin Aldehyde	2	86.90	0.0011	ND	NLE
4,4'-DDT	2	86.90	0.0003	ND	2
Endosulfan-Sulfate	2	86.90	0.0021	ND	NLE
gamma -Chlordane	2	86.90	0.0022	ND	NLE
alpha-Chlordane	2	86.90	0.0022	ND	NLE
Toxaphene	2	86.90	0.0392	ND	0.1
Arochlor 1016	2	86.90	0.1383	ND	0.49
Arochlor 1221	2	86.90	0.1077	ND	0.49
Arochlor 1232	2	86.90	0.1077	ND	0.49
Arochlor 1242	2	86.90	0.0608	ND	0.49
Arochlor 1248	2	86.90	0.1077	ND	0.49
Arochlor 1254	2	86.90	0.1077	ND	0.49
Arochlor 1260	2	86.90	0.1465	ND	0.49

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3473.07
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/11/98
	Bldg. 173	**Extraction Date:**	4/13/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/14/98
Analysis:	SW-846 Method 8080A	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-12

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	2	85.70	0.0005	ND	NLE
beta-BHC	2	85.70	0.0006	ND	NLE
gamma-BHC	2	85.70	0.0006	ND	0.52
delta-BHC	2	85.70	0.0006	ND	NLE
Heptachlor	2	85.70	0.0006	ND	0.15
Aldrin	2	85.70	0.0006	ND	0.04
Heptachlor Epoxide	2	85.70	0.0005	ND	NLE
Endosulfan I	2	85.70	0.0005	ND	NLE
4,4'-DDE	2	85.70	0.0007	0.008	2
Dieldrin	2	85.70	0.0004	ND	0.042
Endrin	2	85.70	0.0006	ND	17
Endosulfan II	2	85.70	0.0006	ND	NLE
4,4'-DDD	2	85.70	0.0014	0.002	3
Endrin Aldehyde	2	85.70	0.0011	ND	NLE
4,4'-DDT	2	85.70	0.0003	0.010	2
Endosulfan-Sulfate	2	85.70	0.0021	ND	NLE
gamma -Chlordane	2	85.70	0.0021	ND	NLE
alpha-Chlordane	2	85.70	0.0021	ND	NLE
Toxaphene	2	85.70	0.0389	ND	0.1
Arochlor 1016	2	85.70	0.1372	ND	0.49
Arochlor 1221	2	85.70	0.1069	ND	0.49
Arochlor 1232	2	85.70	0.1069	ND	0.49
Arochlor 1242	2	85.70	0.0603	ND	0.49
Arochlor 1248	2	85.70	0.1069	ND	0.49
Arochlor 1254	2	85.70	0.1069	ND	0.49
Arochlor 1260	2	85.70	0.1453	ND	0.49

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3473.11
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/11/98
	Bldg. 173	**Extraction Date:**	4/13/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/14/98
Analysis:	SW-846 Method 8080A	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-13

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	2	88.52	0.0005	ND	NLE
beta-BHC	2	88.52	0.0006	ND	NLE
gamma-BHC	2	88.52	0.0006	ND	0.52
delta-BHC	2	88.52	0.0006	ND	NLE
Heptachlor	2	88.52	0.0006	ND	0.15
Aldrin	2	88.52	0.0006	ND	0.04
Heptachlor Epoxide	2	88.52	0.0005	ND	NLE
Endosulfan I	2	88.52	0.0005	ND	NLE
4,4'-DDE	2	88.52	0.0008	ND	2
Dieldrin	2	88.52	0.0004	ND	0.042
Endrin	2	88.52	0.0007	ND	17
Endosulfan II	2	88.52	0.0006	0.009	NLE
4,4'-DDD	2	88.52	0.0015	ND	3
Endrin Aldehyde	2	88.52	0.0012	ND	NLE
4,4'-DDT	2	88.52	0.0003	ND	2
Endosulfan-Sulfate	2	88.52	0.0022	ND	NLE
gamma -Chlordane	2	88.52	0.0022	ND	NLE
alpha-Chlordane	2	88.52	0.0022	ND	NLE
Toxaphene	2	88.52	0.0404	ND	0.1
Arochlor 1016	2	88.52	0.1423	ND	0.49
Arochlor 1221	2	88.52	0.1109	ND	0.49
Arochlor 1232	2	88.52	0.1109	ND	0.49
Arochlor 1242	2	88.52	0.0625	ND	0.49
Arochlor 1248	2	88.52	0.1109	ND	0.49
Arochlor 1254	2	88.52	0.1109	ND	0.49
Arochlor 1260	2	88.52	0.1508	ND	0.49

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3473.15
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/11/98
	Bldg. 173	**Extraction Date:**	4/13/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/14/98
Analysis:	SW-846 Method 8080A	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-14

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	2	87.26	0.0005	ND	NLE
beta-BHC	2	87.26	0.0006	ND	NLE
gamma-BHC	2	87.26	0.0006	ND	0.52
delta-BHC	2	87.26	0.0007	ND	NLE
Heptachlor	2	87.26	0.0006	ND	0.15
Aldrin	2	87.26	0.0006	ND	0.04
Heptachlor Epoxide	2	87.26	0.0005	ND	NLE
Endosulfan I	2	87.26	0.0005	ND	NLE
4,4'-DDE	2	87.26	0.0008	ND	2
Dieldrin	2	87.26	0.0004	ND	0.042
Endrin	2	87.26	0.0007	ND	17
Endosulfan II	2	87.26	0.0006	ND	NLE
4,4'-DDD	2	87.26	0.0015	ND	3
Endrin Aldehyde	2	87.26	0.0012	ND	NLE
4,4'-DDT	2	87.26	0.0003	ND	2
Endosulfan-Sulfate	2	87.26	0.0022	ND	NLE
gamma -Chlordane	2	87.26	0.0023	ND	NLE
alpha-Chlordane	2	87.26	0.0023	ND	NLE
Toxaphene	2	87.26	0.0415	ND	0.1
Arochlor 1016	2	87.26	0.1464	ND	0.49
Arochlor 1221	2	87.26	0.1140	ND	0.49
Arochlor 1232	2	87.26	0.1140	ND	0.49
Arochlor 1242	2	87.26	0.0643	ND	0.49
Arochlor 1248	2	87.26	0.1140	ND	0.49
Arochlor 1254	2	87.26	0.1140	ND	0.49
Arochlor 1260	2	87.26	0.1551	ND	0.49

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3473.19
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/11/98
	Bldg. 173	**Extraction Date:**	4/13/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/14/98

Analysis:	SW-846 Method 8080A	**Location :**	M-5-Landfill
Matrix:	Soil		Ft. Monmouth, NJ
Analyst:	D. Wright		
Ext. Meth:	Sonication	**Field ID:**	M-5-B-15

Pesticide	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	86.73	0.0002	ND	NA
beta-BHC	1	86.73	0.000	ND	NA
gamma-BHC	1	86.73	0.000	ND	0.52
delta-BHC	1	86.73	0.000	ND	NA
Heptachlor	1	86.73	0.000	ND	0.15
Aldrin	1	86.73	0.000	ND	0.04
Heptachlor Epoxide	1	86.73	0.000	ND	NA
Endosulfan I	1	86.73	0.000	ND	NA
4,4'-DDE	1	86.73	0.000	ND	2
Dieldrin	1	86.73	0.000	ND	0.042
Endrin	1	86.73	0.000	ND	17
Endosulfan II	1	86.73	0.000	ND	NA
4,4'-DDD	1	86.73	0.001	ND	3
Endrin Aldehyde	1	86.73	0.001	ND	NA
4,4'-DDT	1	86.73	0.000	ND	2
Endosulfan-Sulfate	1	86.73	0.001	ND	NA
gamma -Chlordane	1	86.73	0.010	ND	NA
alpha-Chlordane	1	86.73	0.010	ND	NA
Toxaphene	1	86.73	0.019	ND	0.1

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Daniel K. Wright
Laboratory Director

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3477.03
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/13/98
	Bldg. 173	**Extraction Date:**	4/14/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/21/98
Analysis:	SW-846 Method 8080A	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-16

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	87.45	0.0003	ND	NLE
beta-BHC	1	87.45	0.0003	ND	NLE
gamma-BHC	1	87.45	0.0003	ND	0.52
delta-BHC	1	87.45	0.0003	ND	NLE
Heptachlor	1	87.45	0.0003	ND	0.15
Aldrin	1	87.45	0.0003	ND	0.04
Heptachlor Epoxide	1	87.45	0.0003	ND	NLE
Endosulfan I	1	87.45	0.0003	ND	NLE
4,4'-DDE	1	87.45	0.0004	ND	2
Dieldrin	1	87.45	0.0002	ND	0.042
Endrin	1	87.45	0.0003	ND	17
Endosulfan II	1	87.45	0.0003	ND	NLE
4,4'-DDD	1	87.45	0.0007	ND	3
Endrin Aldehyde	1	87.45	0.0006	ND	NLE
4,4'-DDT	1	87.45	0.0002	0.003	2
Endosulfan-Sulfate	1	87.45	0.0011	ND	NLE
gamma -Chlordane	1	87.45	0.0011	ND	NLE
alpha-Chlordane	1	87.45	0.0011	ND	NLE
Toxaphene	1	87.45	0.0202	ND	0.1
Arochlor 1016	1	87.45	0.0713	ND	0.49
Arochlor 1221	1	87.45	0.0555	ND	0.49
Arochlor 1232	1	87.45	0.0555	ND	0.49
Arochlor 1242	1	87.45	0.0313	ND	0.49
Arochlor 1248	1	87.45	0.0555	ND	0.49
Arochlor 1254	1	87.45	0.0555	ND	0.49
Arochlor 1260	1	87.45	0.0755	ND	0.49

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3477.07
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/13/98
	Bldg. 173	**Extraction Date:**	4/14/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/21/98
Analysis:	SW-846 Method 8080A	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-17

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	84.80	0.0003	ND	NLE
beta-BHC	1	84.80	0.0003	ND	NLE
gamma-BHC	1	84.80	0.0003	ND	0.52
delta-BHC	1	84.80	0.0003	ND	NLE
Heptachlor	1	84.80	0.0003	ND	0.15
Aldrin	1	84.80	0.0003	ND	0.04
Heptachlor Epoxide	1	84.80	0.0003	ND	NLE
Endosulfan I	1	84.80	0.0003	ND	NLE
4,4'-DDE	1	84.80	0.0004	ND	2
Dieldrin	1	84.80	0.0002	ND	0.042
Endrin	1	84.80	0.0003	ND	17
Endosulfan II	1	84.80	0.0003	ND	NLE
4,4'-DDD	1	84.80	0.0007	ND	3
Endrin Aldehyde	1	84.80	0.0006	ND	NLE
4,4'-DDT	1	84.80	0.0002	ND	2
Endosulfan-Sulfate	1	84.80	0.0011	ND	NLE
gamma -Chlordane	1	84.80	0.0011	ND	NLE
alpha-Chlordane	1	84.80	0.0011	ND	NLE
Toxaphene	1	84.80	0.0200	ND	0.1
Arochlor 1016	1	84.80	0.0706	ND	0.49
Arochlor 1221	1	84.80	0.0550	ND	0.49
Arochlor 1232	1	84.80	0.0550	ND	0.49
Arochlor 1242	1	84.80	0.0310	ND	0.49
Arochlor 1248	1	84.80	0.0550	ND	0.49
Arochlor 1254	1	84.80	0.0550	ND	0.49
Arochlor 1260	1	84.80	0.0747	ND	0.49

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3477.11
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/13/98
	Bldg. 173	**Extraction Date:**	4/14/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/21/98
Analysis:	SW-846 Method 8080A	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-18

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	82.22	0.0003	ND	NLE
beta-BHC	1	82.22	0.0003	ND	NLE
gamma-BHC	1	82.22	0.0003	ND	0.52
delta-BHC	1	82.22	0.0003	ND	NLE
Heptachlor	1	82.22	0.0003	ND	0.15
Aldrin	1	82.22	0.0003	ND	0.04
Heptachlor Epoxide	1	82.22	0.0003	ND	NLE
Endosulfan I	1	82.22	0.0003	ND	NLE
4,4'-DDE	1	82.22	0.0004	ND	2
Dieldrin	1	82.22	0.0002	ND	0.042
Endrin	1	82.22	0.0004	ND	17
Endosulfan II	1	82.22	0.0003	ND	NLE
4,4'-DDD	1	82.22	0.0008	ND	3
Endrin Aldehyde	1	82.22	0.0006	ND	NLE
4,4'-DDT	1	82.22	0.0002	ND	2
Endosulfan-Sulfate	1	82.22	0.0012	ND	NLE
gamma -Chlordane	1	82.22	0.0012	ND	NLE
alpha-Chlordane	1	82.22	0.0012	ND	NLE
Toxaphene	1	82.22	0.0219	ND	0.1
Arochlor 1016	1	82.22	0.0774	ND	0.49
Arochlor 1221	1	82.22	0.0603	ND	0.49
Arochlor 1232	1	82.22	0.0603	ND	0.49
Arochlor 1242	1	82.22	0.0340	ND	0.49
Arochlor 1248	1	82.22	0.0603	ND	0.49
Arochlor 1254	1	82.22	0.0603	ND	0.49
Arochlor 1260	1	82.22	0.0820	ND	0.49

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3477.15
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/13/98
	Bldg. 173	**Extraction Date:**	4/14/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/21/98
Analysis:	SW-846 Method 8080A	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-19

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	88.49	0.0003	ND	NLE
beta-BHC	1	88.49	0.0003	ND	NLE
gamma-BHC	1	88.49	0.0003	ND	0.52
delta-BHC	1	88.49	0.0003	ND	NLE
Heptachlor	1	88.49	0.0003	ND	0.15
Aldrin	1	88.49	0.0003	ND	0.04
Heptachlor Epoxide	1	88.49	0.0003	ND	NLE
Endosulfan I	1	88.49	0.0003	ND	NLE
4,4'-DDE	1	88.49	0.0004	ND	2
Dieldrin	1	88.49	0.0002	ND	0.042
Endrin	1	88.49	0.0003	ND	17
Endosulfan II	1	88.49	0.0003	ND	NLE
4,4'-DDD	1	88.49	0.0007	ND	3
Endrin Aldehyde	1	88.49	0.0006	ND	NLE
4,4'-DDT	1	88.49	0.0002	ND	2
Endosulfan-Sulfate	1	88.49	0.0011	ND	NLE
gamma -Chlordane	1	88.49	0.0011	ND	NLE
alpha-Chlordane	1	88.49	0.0011	ND	NLE
Toxaphene	1	88.49	0.0199	ND	0.1
Arochlor 1016	1	88.49	0.0702	ND	0.49
Arochlor 1221	1	88.49	0.0547	ND	0.49
Arochlor 1232	1	88.49	0.0547	ND	0.49
Arochlor 1242	1	88.49	0.0308	ND	0.49
Arochlor 1248	1	88.49	0.0547	ND	0.49
Arochlor 1254	1	88.49	0.0547	ND	0.49
Arochlor 1260	1	88.49	0.0744	ND	0.49

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3479.03
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/14/98
	Bldg. 173	**Extraction Date:**	4/15/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/21/98
Analysis:	SW-846 Method 8080A	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-20

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	86.72	0.0003	ND	NLE
beta-BHC	1	86.72	0.0003	ND	NLE
gamma-BHC	1	86.72	0.0003	ND	0.52
delta-BHC	1	86.72	0.0003	ND	NLE
Heptachlor	1	86.72	0.0003	ND	0.15
Aldrin	1	86.72	0.0003	ND	0.04
Heptachlor Epoxide	1	86.72	0.0003	ND	NLE
Endosulfan I	1	86.72	0.0003	ND	NLE
4,4'-DDE	1	86.72	0.0004	ND	2
Dieldrin	1	86.72	0.0002	ND	0.042
Endrin	1	86.72	0.0003	ND	17
Endosulfan II	1	86.72	0.0003	ND	NLE
4,4'-DDD	1	86.72	0.0007	ND	3
Endrin Aldehyde	1	86.72	0.0006	ND	NLE
4,4'-DDT	1	86.72	0.0002	ND	2
Endosulfan-Sulfate	1	86.72	0.0011	ND	NLE
gamma -Chlordane	1	86.72	0.0011	ND	NLE
alpha-Chlordane	1	86.72	0.0011	ND	NLE
Toxaphene	1	86.72	0.0199	ND	0.1
Arochlor 1016	1	86.72	0.0704	ND	0.49
Arochlor 1221	1	86.72	0.0548	ND	0.49
Arochlor 1232	1	86.72	0.0548	ND	0.49
Arochlor 1242	1	86.72	0.0309	ND	0.49
Arochlor 1248	1	86.72	0.0548	ND	0.49
Arochlor 1254	1	86.72	0.0548	ND	0.49
Arochlor 1260	1	86.72	0.0745	ND	0.49

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3479.07
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/14/98
	Bldg. 173	**Extraction Date:**	4/15/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/21/98
Analysis:	SW-846 Method 8080A	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-21

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	88.07	0.0002	ND	NLE
beta-BHC	1	88.07	0.0003	ND	NLE
gamma-BHC	1	88.07	0.0003	ND	0.52
delta-BHC	1	88.07	0.0003	ND	NLE
Heptachlor	1	88.07	0.0003	ND	0.15
Aldrin	1	88.07	0.0003	ND	0.04
Heptachlor Epoxide	1	88.07	0.0003	ND	NLE
Endosulfan I	1	88.07	0.0003	ND	NLE
4,4'-DDE	1	88.07	0.0004	0.001	2
Dieldrin	1	88.07	0.0002	ND	0.042
Endrin	1	88.07	0.0003	ND	17
Endosulfan II	1	88.07	0.0003	ND	NLE
4,4'-DDD	1	88.07	0.0007	0.001	3
Endrin Aldehyde	1	88.07	0.0006	ND	NLE
4,4'-DDT	1	88.07	0.0002	ND	2
Endosulfan-Sulfate	1	88.07	0.0010	ND	NLE
gamma -Chlordane	1	88.07	0.0011	ND	NLE
alpha-Chlordane	1	88.07	0.0011	ND	NLE
Toxaphene	1	88.07	0.0193	ND	0.1
Arochlor 1016	1	88.07	0.0681	ND	0.49
Arochlor 1221	1	88.07	0.0531	ND	0.49
Arochlor 1232	1	88.07	0.0531	ND	0.49
Arochlor 1242	1	88.07	0.0299	ND	0.49
Arochlor 1248	1	88.07	0.0531	ND	0.49
Arochlor 1254	1	88.07	0.0531	ND	0.49
Arochlor 1260	1	88.07	0.0722	ND	0.49

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3479.11
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/14/98
	Bldg. 173	**Extraction Date:**	4/15/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/21/98
Analysis:	SW-846 Method 8080A	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-22

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	91.89	0.0002	ND	NLE
beta-BHC	1	91.89	0.0003	ND	NLE
gamma-BHC	1	91.89	0.0003	ND	0.52
delta-BHC	1	91.89	0.0003	ND	NLE
Heptachlor	1	91.89	0.0003	ND	0.15
Aldrin	1	91.89	0.0003	ND	0.04
Heptachlor Epoxide	1	91.89	0.0002	ND	NLE
Endosulfan I	1	91.89	0.0002	ND	NLE
4,4'-DDE	1	91.89	0.0004	ND	2
Dieldrin	1	91.89	0.0002	ND	0.042
Endrin	1	91.89	0.0003	ND	17
Endosulfan II	1	91.89	0.0003	0.002	NLE
4,4'-DDD	1	91.89	0.0007	ND	3
Endrin Aldehyde	1	91.89	0.0005	ND	NLE
4,4'-DDT	1	91.89	0.0002	ND	2
Endosulfan-Sulfate	1	91.89	0.0010	ND	NLE
gamma -Chlordane	1	91.89	0.0010	ND	NLE
alpha-Chlordane	1	91.89	0.0010	ND	NLE
Toxaphene	1	91.89	0.0189	ND	0.1
Arochlor 1016	1	91.89	0.0667	ND	0.49
Arochlor 1221	1	91.89	0.0520	ND	0.49
Arochlor 1232	1	91.89	0.0520	ND	0.49
Arochlor 1242	1	91.89	0.0293	ND	0.49
Arochlor 1248	1	91.89	0.0520	ND	0.49
Arochlor 1254	1	91.89	0.0520	ND	0.49
Arochlor 1260	1	91.89	0.0707	ND	0.49

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3485.03
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/15/98
	Bldg. 173	**Extraction Date:**	4/16/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/22/98
Analysis:	SW-846 Method 8080A	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-23

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	86.19	0.0003	ND	NLE
beta-BHC	1	86.19	0.0003	ND	NLE
gamma-BHC	1	86.19	0.0003	ND	0.52
delta-BHC	1	86.19	0.0003	ND	NLE
Heptachlor	1	86.19	0.0003	ND	0.15
Aldrin	1	86.19	0.0003	ND	0.04
Heptachlor Epoxide	1	86.19	0.0003	ND	NLE
Endosulfan I	1	86.19	0.0003	ND	NLE
4,4'-DDE	1	86.19	0.0004	ND	2
Dieldrin	1	86.19	0.0002	ND	0.042
Endrin	1	86.19	0.0003	ND	17
Endosulfan II	1	86.19	0.0003	ND	NLE
4,4'-DDD	1	86.19	0.0007	ND	3
Endrin Aldehyde	1	86.19	0.0006	ND	NLE
4,4'-DDT	1	86.19	0.0002	ND	2
Endosulfan-Sulfate	1	86.19	0.0011	ND	NLE
gamma -Chlordane	1	86.19	0.0011	ND	NLE
alpha-Chlordane	1	86.19	0.0011	ND	NLE
Toxaphene	1	86.19	0.0203	ND	0.1
Arochlor 1016	1	86.19	0.0716	ND	0.49
Arochlor 1221	1	86.19	0.0557	ND	0.49
Arochlor 1232	1	86.19	0.0557	ND	0.49
Arochlor 1242	1	86.19	0.0314	ND	0.49
Arochlor 1248	1	86.19	0.0557	ND	0.49
Arochlor 1254	1	86.19	0.0557	ND	0.49
Arochlor 1260	1	86.19	0.0758	ND	0.49

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3485.07
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/15/98
	Bldg. 173	**Extraction Date:**	4/16/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/22/98
Analysis:	SW-846 Method 8080A	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-24

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	87.59	0.0003	ND	NLE
beta-BHC	1	87.59	0.0003	ND	NLE
gamma-BHC	1	87.59	0.0003	ND	0.52
delta-BHC	1	87.59	0.0003	ND	NLE
Heptachlor	1	87.59	0.0003	ND	0.15
Aldrin	1	87.59	0.0003	ND	0.04
Heptachlor Epoxide	1	87.59	0.0003	ND	NLE
Endosulfan I	1	87.59	0.0003	ND	NLE
4,4'-DDE	1	87.59	0.0004	ND	2
Dieldrin	1	87.59	0.0002	ND	0.042
Endrin	1	87.59	0.0003	ND	17
Endosulfan II	1	87.59	0.0003	ND	NLE
4,4'-DDD	1	87.59	0.0007	ND	3
Endrin Aldehyde	1	87.59	0.0006	ND	NLE
4,4'-DDT	1	87.59	0.0002	ND	2
Endosulfan-Sulfate	1	87.59	0.0011	ND	NLE
gamma -Chlordane	1	87.59	0.0011	ND	NLE
alpha-Chlordane	1	87.59	0.0011	ND	NLE
Toxaphene	1	87.59	0.0201	ND	0.1
Arochlor 1016	1	87.59	0.0710	ND	0.49
Arochlor 1221	1	87.59	0.0553	ND	0.49
Arochlor 1232	1	87.59	0.0553	ND	0.49
Arochlor 1242	1	87.59	0.0312	ND	0.49
Arochlor 1248	1	87.59	0.0553	ND	0.49
Arochlor 1254	1	87.59	0.0553	ND	0.49
Arochlor 1260	1	87.59	0.0752	ND	0.49

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3485.11
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/15/98
	Bldg. 173	**Extraction Date:**	4/16/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/22/98
Analysis:	SW-846 Method 8080A	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-25

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	87.90	0.0003	ND	NLE
beta-BHC	1	87.90	0.0003	ND	NLE
gamma-BHC	1	87.90	0.0003	ND	0.52
delta-BHC	1	87.90	0.0003	ND	NLE
Heptachlor	1	87.90	0.0003	ND	0.15
Aldrin	1	87.90	0.0003	ND	0.04
Heptachlor Epoxide	1	87.90	0.0003	ND	NLE
Endosulfan I	1	87.90	0.0003	ND	NLE
4,4'-DDE	1	87.90	0.0004	0.007	2
Dieldrin	1	87.90	0.0002	ND	0.042
Endrin	1	87.90	0.0003	ND	17
Endosulfan II	1	87.90	0.0003	0.005	NLE
4,4'-DDD	1	87.90	0.0007	0.002	3
Endrin Aldehyde	1	87.90	0.0006	ND	NLE
4,4'-DDT	1	87.90	0.0002	0.015	2
Endosulfan-Sulfate	1	87.90	0.0011	ND	NLE
gamma -Chlordane	1	87.90	0.0011	ND	NLE
alpha-Chlordane	1	87.90	0.0011	ND	NLE
Toxaphene	1	87.90	0.0202	ND	0.1
Arochlor 1016	1	87.90	0.0711	ND	0.49
Arochlor 1221	1	87.90	0.0554	ND	0.49
Arochlor 1232	1	87.90	0.0554	ND	0.49
Arochlor 1242	1	87.90	0.0312	ND	0.49
Arochlor 1248	1	87.90	0.0554	ND	0.49
Arochlor 1254	1	87.90	0.0554	ND	0.49
Arochlor 1260	1	87.90	0.0753	ND	0.49

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3485.15
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/15/98
	Bldg. 173	**Extraction Date:**	4/16/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/22/98
Analysis:	SW-846 Method 8080A	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-26

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	81.92	0.0003	ND	NLE
beta-BHC	1	81.92	0.0003	ND	NLE
gamma-BHC	1	81.92	0.0003	ND	0.52
delta-BHC	1	81.92	0.0003	ND	NLE
Heptachlor	1	81.92	0.0003	ND	0.15
Aldrin	1	81.92	0.0003	ND	0.04
Heptachlor Epoxide	1	81.92	0.0003	ND	NLE
Endosulfan I	1	81.92	0.0003	ND	NLE
4,4'-DDE	1	81.92	0.0004	0.001	2
Dieldrin	1	81.92	0.0002	ND	0.042
Endrin	1	81.92	0.0004	ND	17
Endosulfan II	1	81.92	0.0003	ND	NLE
4,4'-DDD	1	81.92	0.0008	0.002	3
Endrin Aldehyde	1	81.92	0.0006	ND	NLE
4,4'-DDT	1	81.92	0.0002	0.001	2
Endosulfan-Sulfate	1	81.92	0.0012	ND	NLE
gamma -Chlordane	1	81.92	0.0012	ND	NLE
alpha-Chlordane	1	81.92	0.0012	ND	NLE
Toxaphene	1	81.92	0.0219	ND	0.1
Arochlor 1016	1	81.92	0.0771	ND	0.49
Arochlor 1221	1	81.92	0.0601	ND	0.49
Arochlor 1232	1	81.92	0.0601	ND	0.49
Arochlor 1242	1	81.92	0.0339	ND	0.49
Arochlor 1248	1	81.92	0.0601	ND	0.49
Arochlor 1254	1	81.92	0.0601	ND	0.49
Arochlor 1260	1	81.92	0.0817	ND	0.49

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3498.03
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/20/98
	Bldg. 173	**Extraction Date:**	4/21/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/22/98
Analysis:	SW-846 Method 8081	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-27

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	82.77	0.0004	ND	NLE
beta-BHC	1	82.77	0.0004	ND	NLE
gamma-BHC	1	82.77	0.0005	ND	0.52
delta-BHC	1	82.77	0.0005	ND	NLE
Heptachlor	1	82.77	0.0004	ND	0.15
Aldrin	1	82.77	0.0005	ND	0.04
Heptachlor Epoxide	1	82.77	0.0007	ND	NLE
Endosulfan I	1	82.77	0.0006	ND	NLE
4,4'-DDE	5	82.77	0.0024	0.092	2
Dieldrin	1	82.77	0.0006	ND	0.042
Endrin	1	82.77	0.0006	ND	17
Endosulfan II	1	82.77	0.0005	ND	NLE
4,4'-DDD	1	82.77	0.0007	0.008	3
Endrin Aldehyde	1	82.77	0.0006	ND	NLE
4,4'-DDT	1	82.77	0.0013	0.030	2
Endosulfan-Sulfate	1	82.77	0.0005	ND	NLE
gamma -Chlordane	1	82.77	0.0006	ND	NLE
alpha-Chlordane	1	82.77	0.0006	ND	NLE
Toxaphene	1	82.77	0.0217	ND	0.1
Arochlor 1016	1	82.77	0.0134	ND	0.49
Arochlor 1221	1	82.77	0.0246	ND	0.49
Arochlor 1232	1	82.77	0.0167	ND	0.49
Arochlor 1242	1	82.77	0.0191	ND	0.49
Arochlor 1248	1	82.77	0.0076	ND	0.49
Arochlor 1254	1	82.77	0.0048	ND	0.49
Arochlor 1260	1	82.77	0.0043	ND	0.49

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3498.07
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/20/98
	Bldg. 173	**Extraction Date:**	4/21/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/22/98
Analysis:	SW-846 Method 8081	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-28

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	89.56	0.0003	ND	NLE
beta-BHC	1	89.56	0.0003	ND	NLE
gamma-BHC	1	89.56	0.0004	ND	0.52
delta-BHC	1	89.56	0.0004	ND	NLE
Heptachlor	1	89.56	0.0003	ND	0.15
Aldrin	1	89.56	0.0004	ND	0.04
Heptachlor Epoxide	1	89.56	0.0006	ND	NLE
Endosulfan I	1	89.56	0.0005	ND	NLE
4,4'-DDE	1	89.56	0.0004	0.016	2
Dieldrin	1	89.56	0.0005	ND	0.042
Endrin	1	89.56	0.0005	ND	17
Endosulfan II	1	89.56	0.0004	ND	NLE
4,4'-DDD	1	89.56	0.0006	0.001	3
Endrin Aldehyde	1	89.56	0.0005	ND	NLE
4,4'-DDT	1	89.56	0.0012	0.004	2
Endosulfan-Sulfate	1	89.56	0.0004	ND	NLE
gamma -Chlordane	1	89.56	0.0005	ND	NLE
alpha-Chlordane	1	89.56	0.0005	ND	NLE
Toxaphene	1	89.56	0.0196	ND	0.1
Arochlor 1016	1	82.77	0.0130	ND	0.49
Arochlor 1221	1	82.77	0.0240	ND	0.49
Arochlor 1232	1	82.77	0.0163	ND	0.49
Arochlor 1242	1	82.77	0.0186	ND	0.49
Arochlor 1248	1	82.77	0.0074	ND	0.49
Arochlor 1254	1	82.77	0.0047	ND	0.49
Arochlor 1260	1	82.77	0.0042	ND	0.49

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3498.11
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/20/98
	Bldg. 173	**Extraction Date:**	4/21/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/22/98
Analysis:	SW-846 Method 8081	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-29

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	89.56	0.0003	ND	NLE
beta-BHC	1	89.56	0.0003	ND	NLE
gamma-BHC	1	89.56	0.0004	ND	0.52
delta-BHC	1	89.56	0.0004	ND	NLE
Heptachlor	1	89.56	0.0003	ND	0.15
Aldrin	1	89.56	0.0004	ND	0.04
Heptachlor Epoxide	1	89.56	0.0006	ND	NLE
Endosulfan I	1	89.56	0.0005	ND	NLE
4,4'-DDE	1	89.56	0.0004	0.009	2
Dieldrin	1	89.56	0.0005	ND	0.042
Endrin	1	89.56	0.0005	ND	17
Endosulfan II	1	89.56	0.0004	0.004	NLE
4,4'-DDD	1	89.56	0.0006	ND	3
Endrin Aldehyde	1	89.56	0.0005	ND	NLE
4,4'-DDT	1	89.56	0.0011	0.001	2
Endosulfan-Sulfate	1	89.56	0.0004	ND	NLE
gamma -Chlordane	1	89.56	0.0005	ND	NLE
alpha-Chlordane	1	89.56	0.0005	ND	NLE
Toxaphene	1	89.56	0.0187	ND	0.1
Arochlor 1016	1	82.77	0.0124	ND	0.49
Arochlor 1221	1	82.77	0.0229	ND	0.49
Arochlor 1232	1	82.77	0.0156	ND	0.49
Arochlor 1242	1	82.77	0.0178	ND	0.49
Arochlor 1248	1	82.77	0.0071	ND	0.49
Arochlor 1254	1	82.77	0.0044	ND	0.49
Arochlor 1260	1	82.77	0.0040	ND	0.49

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3498.15
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/20/98
	Bldg. 173	**Extraction Date:**	4/21/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/22/98
Analysis:	SW-846 Method 8081	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-30

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	87.52	0.0003	ND	NLE
beta-BHC	1	87.52	0.0003	ND	NLE
gamma-BHC	1	87.52	0.0004	ND	0.52
delta-BHC	1	87.52	0.0004	ND	NLE
Heptachlor	1	87.52	0.0003	ND	0.15
Aldrin	1	87.52	0.0004	ND	0.04
Heptachlor Epoxide	1	87.52	0.0007	ND	NLE
Endosulfan I	1	87.52	0.0005	ND	NLE
4,4'-DDE	1	87.52	0.0004	0.004	2
Dieldrin	1	87.52	0.0005	ND	0.042
Endrin	1	87.52	0.0005	ND	17
Endosulfan II	1	87.52	0.0004	ND	NLE
4,4'-DDD	1	87.52	0.0007	ND	3
Endrin Aldehyde	1	87.52	0.0005	ND	NLE
4,4'-DDT	1	87.52	0.0012	ND	2
Endosulfan-Sulfate	1	87.52	0.0004	ND	NLE
gamma -Chlordane	1	87.52	0.0005	ND	NLE
alpha-Chlordane	1	87.52	0.0005	ND	NLE
Toxaphene	1	87.52	0.0198	ND	0.1
Arochlor 1016	1	87.52	0.0122	ND	0.49
Arochlor 1221	1	87.52	0.0225	ND	0.49
Arochlor 1232	1	87.52	0.0153	ND	0.49
Arochlor 1242	1	87.52	0.0174	ND	0.49
Arochlor 1248	1	87.52	0.0070	ND	0.49
Arochlor 1254	1	87.52	0.0044	ND	0.49
Arochlor 1260	1	87.52	0.0039	ND	0.49

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3500.02
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/21/98
	Bldg. 173	**Extraction Date:**	4/22/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/22/98
Analysis:	SW-846 Method 8081	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-31

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	87.56	0.0003	ND	NLE
beta-BHC	1	87.56	0.0003	ND	NLE
gamma-BHC	1	87.56	0.0004	ND	0.52
delta-BHC	1	87.56	0.0004	ND	NLE
Heptachlor	1	87.56	0.0003	ND	0.15
Aldrin	1	87.56	0.0004	ND	0.04
Heptachlor Epoxide	1	87.56	0.0007	ND	NLE
Endosulfan I	1	87.56	0.0006	ND	NLE
4,4'-DDE	1	87.56	0.0004	ND	2
Dieldrin	1	87.56	0.0006	ND	0.042
Endrin	1	87.56	0.0006	ND	17
Endosulfan II	1	87.56	0.0004	ND	NLE
4,4'-DDD	1	87.56	0.0007	ND	3
Endrin Aldehyde	1	87.56	0.0006	ND	NLE
4,4'-DDT	1	87.56	0.0012	ND	2
Endosulfan-Sulfate	1	87.56	0.0004	ND	NLE
gamma -Chlordane	1	87.56	0.0006	ND	NLE
alpha-Chlordane	1	87.56	0.0006	ND	NLE
Toxaphene	1	87.56	0.0205	ND	0.1
Arochlor 1016	1	87.56	0.0126	ND	0.49
Arochlor 1221	1	87.56	0.0232	ND	0.49
Arochlor 1232	1	87.56	0.0157	ND	0.49
Arochlor 1242	1	87.56	0.0180	ND	0.49
Arochlor 1248	1	87.56	0.0072	ND	0.49
Arochlor 1254	1	87.56	0.0045	ND	0.49
Arochlor 1260	1	87.56	0.0040	ND	0.49

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3500.06
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/21/98
	Bldg. 173	**Extraction Date:**	4/22/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/22/98
Analysis:	SW-846 Method 8081	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-32

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	86.43	0.0003	ND	NLE
beta-BHC	1	86.43	0.0003	ND	NLE
gamma-BHC	1	86.43	0.0004	ND	0.52
delta-BHC	1	86.43	0.0004	ND	NLE
Heptachlor	1	86.43	0.0003	ND	0.15
Aldrin	1	86.43	0.0004	ND	0.04
Heptachlor Epoxide	1	86.43	0.0007	ND	NLE
Endosulfan I	1	86.43	0.0005	ND	NLE
4,4'-DDE	1	86.43	0.0004	ND	2
Dieldrin	1	86.43	0.0005	ND	0.042
Endrin	1	86.43	0.0005	ND	17
Endosulfan II	1	86.43	0.0004	ND	NLE
4,4'-DDD	1	86.43	0.0007	ND	3
Endrin Aldehyde	1	86.43	0.0005	ND	NLE
4,4'-DDT	1	86.43	0.0012	ND	2
Endosulfan-Sulfate	1	86.43	0.0004	ND	NLE
gamma -Chlordane	1	86.43	0.0005	ND	NLE
alpha-Chlordane	1	86.43	0.0005	ND	NLE
Toxaphene	1	86.43	0.0199	ND	0.1
Arochlor 1016	1	86.43	0.0123	ND	0.49
Arochlor 1221	1	86.43	0.0226	ND	0.49
Arochlor 1232	1	86.43	0.0153	ND	0.49
Arochlor 1242	1	86.43	0.0175	ND	0.49
Arochlor 1248	1	86.43	0.0070	ND	0.49
Arochlor 1254	1	86.43	0.0044	ND	0.49
Arochlor 1260	1	86.43	0.0039	ND	0.49

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3500.10
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/21/98
	Bldg. 173	**Extraction Date:**	4/22/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/22/98
Analysis:	SW-846 Method 8081	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-33

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	87.37	0.0003	ND	NLE
beta-BHC	1	87.37	0.0003	ND	NLE
gamma-BHC	1	87.37	0.0004	ND	0.52
delta-BHC	1	87.37	0.0004	ND	NLE
Heptachlor	1	87.37	0.0003	ND	0.15
Aldrin	1	87.37	0.0004	ND	0.04
Heptachlor Epoxide	1	87.37	0.0007	ND	NLE
Endosulfan I	1	87.37	0.0006	ND	NLE
4,4'-DDE	1	87.37	0.0004	0.037	2
Dieldrin	1	87.37	0.0006	ND	0.042
Endrin	1	87.37	0.0006	ND	17
Endosulfan II	1	87.37	0.0004	ND	NLE
4,4'-DDD	1	87.37	0.0007	0.003	3
Endrin Aldehyde	1	87.37	0.0006	ND	NLE
4,4'-DDT	1	87.37	0.0012	0.020	2
Endosulfan-Sulfate	1	87.37	0.0004	ND	NLE
gamma -Chlordane	1	87.37	0.0006	ND	NLE
alpha-Chlordane	1	87.37	0.0006	ND	NLE
Toxaphene	1	87.37	0.0202	ND	0.1
Arochlor 1016	1	87.37	0.0124	ND	0.49
Arochlor 1221	1	87.37	0.0229	ND	0.49
Arochlor 1232	1	87.37	0.0155	ND	0.49
Arochlor 1242	1	87.37	0.0178	ND	0.49
Arochlor 1248	1	87.37	0.0071	ND	0.49
Arochlor 1254	1	87.37	0.0044	ND	0.49
Arochlor 1260	1	87.37	0.0040	ND	0.49

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3500.14
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/21/98
	Bldg. 173	**Extraction Date:**	4/22/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/22/98
Analysis:	SW-846 Method 8081	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-34

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	83.01	0.0003	ND	NLE
beta-BHC	1	83.01	0.0003	ND	NLE
gamma-BHC	1	83.01	0.0004	ND	0.52
delta-BHC	1	83.01	0.0004	ND	NLE
Heptachlor	1	83.01	0.0003	ND	0.15
Aldrin	1	83.01	0.0004	ND	0.04
Heptachlor Epoxide	1	83.01	0.0007	ND	NLE
Endosulfan I	1	83.01	0.0006	ND	NLE
4,4'-DDE	1	83.01	0.0004	0.009	2
Dieldrin	1	83.01	0.0006	ND	0.042
Endrin	1	83.01	0.0006	ND	17
Endosulfan II	1	83.01	0.0004	ND	NLE
4,4'-DDD	1	83.01	0.0007	ND	3
Endrin Aldehyde	1	83.01	0.0006	ND	NLE
4,4'-DDT	1	83.01	0.0012	0.003	2
Endosulfan-Sulfate	1	83.01	0.0004	ND	NLE
gamma -Chlordane	1	83.01	0.0006	ND	NLE
alpha-Chlordane	1	83.01	0.0006	ND	NLE
Toxaphene	1	83.01	0.0203	ND	0.1
Arochlor 1016	1	83.01	0.0125	ND	0.49
Arochlor 1221	1	83.01	0.0230	ND	0.49
Arochlor 1232	1	83.01	0.0156	ND	0.49
Arochlor 1242	1	83.01	0.0178	ND	0.49
Arochlor 1248	1	83.01	0.0071	ND	0.49
Arochlor 1254	1	83.01	0.0045	ND	0.49
Arochlor 1260	1	83.01	0.0040	ND	0.49

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3500.18
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/21/98
	Bldg. 173	**Extraction Date:**	4/22/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/22/98
Analysis:	SW-846 Method 8081	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-35

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	87.47	0.0003	ND	NLE
beta-BHC	1	87.47	0.0003	ND	NLE
gamma-BHC	1	87.47	0.0004	ND	0.52
delta-BHC	1	87.47	0.0004	ND	NLE
Heptachlor	1	87.47	0.0003	ND	0.15
Aldrin	1	87.47	0.0004	ND	0.04
Heptachlor Epoxide	1	87.47	0.0006	ND	NLE
Endosulfan I	1	87.47	0.0005	ND	NLE
4,4'-DDE	10	87.47	0.0042	0.153	2
Dieldrin	1	87.47	0.0005	ND	0.042
Endrin	1	87.47	0.0005	0.023	17
Endosulfan II	1	87.47	0.0004	0.010	NLE
4,4'-DDD	1	87.47	0.0006	0.020	3
Endrin Aldehyde	1	87.47	0.0005	ND	NLE
4,4'-DDT	1	87.47	0.0012	0.051	2
Endosulfan-Sulfate	1	87.47	0.0004	ND	NLE
gamma -Chlordane	1	87.47	0.0005	ND	NLE
alpha-Chlordane	1	87.47	0.0005	ND	NLE
Toxaphene	1	87.47	0.0190	ND	0.1
Arochlor 1016	1	87.47	0.0117	ND	0.49
Arochlor 1221	1	87.47	0.0215	ND	0.49
Arochlor 1232	1	87.47	0.0146	ND	0.49
Arochlor 1242	1	87.47	0.0167	ND	0.49
Arochlor 1248	1	87.47	0.0067	ND	0.49
Arochlor 1254	1	87.47	0.0042	ND	0.49
Arochlor 1260	1	87.47	0.0038	ND	0.49

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3501.02
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/22/98
	Bldg. 173	**Extraction Date:**	4/23/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/22/98
Analysis:	SW-846 Method 8081	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-36

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	90.51	0.0003	ND	NLE
beta-BHC	1	90.51	0.0003	ND	NLE
gamma-BHC	1	90.51	0.0004	ND	0.52
delta-BHC	1	90.51	0.0004	ND	NLE
Heptachlor	1	90.51	0.0003	ND	0.15
Aldrin	1	90.51	0.0004	ND	0.04
Heptachlor Epoxide	1	90.51	0.0006	ND	NLE
Endosulfan I	1	90.51	0.0005	ND	NLE
4,4'-DDE	1	90.51	0.0004	0.003	2
Dieldrin	1	90.51	0.0005	ND	0.042
Endrin	1	90.51	0.0005	ND	17
Endosulfan II	1	90.51	0.0004	ND	NLE
4,4'-DDD	1	90.51	0.0006	0.001	3
Endrin Aldehyde	1	90.51	0.0005	ND	NLE
4,4'-DDT	1	90.51	0.0012	0.006	2
Endosulfan-Sulfate	1	90.51	0.0004	ND	NLE
gamma -Chlordane	1	90.51	0.0005	ND	NLE
alpha-Chlordane	1	90.51	0.0005	ND	NLE
Toxaphene	1	90.51	0.0193	ND	0.1
Arochlor 1016	1	90.51	0.0119	ND	0.49
Arochlor 1221	1	90.51	0.0219	ND	0.49
Arochlor 1232	1	90.51	0.0149	ND	0.49
Arochlor 1242	1	90.51	0.0170	ND	0.49
Arochlor 1248	1	90.51	0.0068	ND	0.49
Arochlor 1254	1	90.51	0.0042	ND	0.49
Arochlor 1260	1	90.51	0.0038	ND	0.49

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3501.06
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/22/98
	Bldg. 173	**Extraction Date:**	4/23/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/22/98
Analysis:	SW-846 Method 8081	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-37

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	89.14	0.0003	ND	NLE
beta-BHC	1	89.14	0.0003	ND	NLE
gamma-BHC	1	89.14	0.0004	ND	0.52
delta-BHC	1	89.14	0.0004	ND	NLE
Heptachlor	1	89.14	0.0003	ND	0.15
Aldrin	1	89.14	0.0004	ND	0.04
Heptachlor Epoxide	1	89.14	0.0006	ND	NLE
Endosulfan I	1	89.14	0.0005	ND	NLE
4,4'-DDE	1	89.14	0.0004	ND	2
Dieldrin	1	89.14	0.0005	ND	0.042
Endrin	1	89.14	0.0005	ND	17
Endosulfan II	1	89.14	0.0004	ND	NLE
4,4'-DDD	1	89.14	0.0006	ND	3
Endrin Aldehyde	1	89.14	0.0005	ND	NLE
4,4'-DDT	1	89.14	0.0011	ND	2
Endosulfan-Sulfate	1	89.14	0.0004	ND	NLE
gamma -Chlordane	1	89.14	0.0005	ND	NLE
alpha-Chlordane	1	89.14	0.0005	ND	NLE
Toxaphene	1	89.14	0.0189	ND	0.1
Arochlor 1016	1	89.14	0.0116	ND	0.49
Arochlor 1221	1	89.14	0.0214	ND	0.49
Arochlor 1232	1	89.14	0.0145	ND	0.49
Arochlor 1242	1	89.14	0.0166	ND	0.49
Arochlor 1248	1	89.14	0.0066	ND	0.49
Arochlor 1254	1	89.14	0.0042	ND	0.49
Arochlor 1260	1	89.14	0.0037	ND	0.49

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3501.10
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/22/98
	Bldg. 173	**Extraction Date:**	4/23/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/22/98
Analysis:	SW-846 Method 8081	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-38

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	87.15	0.0003	ND	NLE
beta-BHC	1	87.15	0.0003	ND	NLE
gamma-BHC	1	87.15	0.0004	ND	0.52
delta-BHC	1	87.15	0.0004	ND	NLE
Heptachlor	1	87.15	0.0003	ND	0.15
Aldrin	1	87.15	0.0004	ND	0.04
Heptachlor Epoxide	1	87.15	0.0006	ND	NLE
Endosulfan I	1	87.15	0.0005	ND	NLE
4,4'-DDE	1	87.15	0.0004	0.000	2
Dieldrin	1	87.15	0.0005	ND	0.042
Endrin	1	87.15	0.0005	ND	17
Endosulfan II	1	87.15	0.0004	ND	NLE
4,4'-DDD	1	87.15	0.0006	ND	3
Endrin Aldehyde	1	87.15	0.0005	ND	NLE
4,4'-DDT	1	87.15	0.0012	ND	2
Endosulfan-Sulfate	1	87.15	0.0004	ND	NLE
gamma -Chlordane	1	87.15	0.0005	ND	NLE
alpha-Chlordane	1	87.15	0.0005	ND	NLE
Toxaphene	1	87.15	0.0194	ND	0.1
Arochlor 1016	1	87.15	0.0120	ND	0.49
Arochlor 1221	1	87.15	0.0220	ND	0.49
Arochlor 1232	1	87.15	0.0150	ND	0.49
Arochlor 1242	1	87.15	0.0171	ND	0.49
Arochlor 1248	1	87.15	0.0068	ND	0.49
Arochlor 1254	1	87.15	0.0043	ND	0.49
Arochlor 1260	1	87.15	0.0038	ND	0.49

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3501.14
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/22/98
	Bldg. 173	**Extraction Date:**	4/23/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/22/98
Analysis:	SW-846 Method 8081	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-39

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	85.75	0.0003	ND	NLE
beta-BHC	1	85.75	0.0003	ND	NLE
gamma-BHC	1	85.75	0.0005	ND	0.52
delta-BHC	1	85.75	0.0005	ND	NLE
Heptachlor	1	85.75	0.0003	ND	0.15
Aldrin	1	85.75	0.0005	ND	0.04
Heptachlor Epoxide	1	85.75	0.0007	ND	NLE
Endosulfan I	1	85.75	0.0006	ND	NLE
4,4'-DDE	1	85.75	0.0005	ND	2
Dieldrin	1	85.75	0.0006	ND	0.042
Endrin	1	85.75	0.0006	ND	17
Endosulfan II	1	85.75	0.0005	ND	NLE
4,4'-DDD	1	85.75	0.0007	ND	3
Endrin Aldehyde	1	85.75	0.0006	ND	NLE
4,4'-DDT	1	85.75	0.0012	ND	2
Endosulfan-Sulfate	1	85.75	0.0005	ND	NLE
gamma -Chlordane	1	85.75	0.0006	ND	NLE
alpha-Chlordane	1	85.75	0.0006	ND	NLE
Toxaphene	1	85.75	0.0205	ND	0.1
Arochlor 1016	1	85.75	0.0126	ND	0.49
Arochlor 1221	1	85.75	0.0233	ND	0.49
Arochlor 1232	1	85.75	0.0158	ND	0.49
Arochlor 1242	1	85.75	0.0181	ND	0.49
Arochlor 1248	1	85.75	0.0072	ND	0.49
Arochlor 1254	1	85.75	0.0045	ND	0.49
Arochlor 1260	1	85.75	0.0041	ND	0.49

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3501.18
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/22/98
	Bldg. 173	**Extraction Date:**	4/23/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/23/98
Analysis:	SW-846 Method 8081	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-40

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	87.71	0.0003	ND	NLE
beta-BHC	1	87.71	0.0003	ND	NLE
gamma-BHC	1	87.71	0.0004	ND	0.52
delta-BHC	1	87.71	0.0004	ND	NLE
Heptachlor	1	87.71	0.0003	ND	0.15
Aldrin	1	87.71	0.0004	ND	0.04
Heptachlor Epoxide	1	87.71	0.0007	ND	NLE
Endosulfan I	1	87.71	0.0006	ND	NLE
4,4'-DDE	1	87.71	0.0004	0.001	2
Dieldrin	1	87.71	0.0006	ND	0.042
Endrin	1	87.71	0.0006	ND	17
Endosulfan II	1	87.71	0.0004	ND	NLE
4,4'-DDD	1	87.71	0.0007	0.001	3
Endrin Aldehyde	1	87.71	0.0006	ND	NLE
4,4'-DDT	1	87.71	0.0012	0.003	2
Endosulfan-Sulfate	1	87.71	0.0004	ND	NLE
gamma -Chlordane	1	87.71	0.0006	ND	NLE
alpha-Chlordane	1	87.71	0.0006	ND	NLE
Toxaphene	1	87.71	0.0203	ND	0.1
Arochlor 1016	1	87.71	0.0125	ND	0.49
Arochlor 1221	1	87.71	0.0229	ND	0.49
Arochlor 1232	1	87.71	0.0156	ND	0.49
Arochlor 1242	1	87.71	0.0178	ND	0.49
Arochlor 1248	1	87.71	0.0071	ND	0.49
Arochlor 1254	1	87.71	0.0045	ND	0.49
Arochlor 1260	1	87.71	0.0040	ND	0.49

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	3539.02 5/1/98 5/4/98 5/29/98
Analysis:	SW-846 Method 8081	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-41

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	86.09	0.0003	ND	NLE
beta-BHC	1	86.09	0.0003	ND	NLE
gamma-BHC	1	86.09	0.0004	ND	0.52
delta-BHC	1	86.09	0.0004	ND	NLE
Heptachlor	1	86.09	0.0003	ND	0.15
Aldrin	1	86.09	0.0004	ND	0.04
Heptachlor Epoxide	1	86.09	0.0006	ND	NLE
Endosulfan I	1	86.09	0.0005	ND	NLE
4,4'-DDE	1	86.09	0.0004	0.028	2
Dieldrin	1	86.09	0.0005	ND	0.042
Endrin	1	86.09	0.0005	ND	17
Endosulfan II	1	86.09	0.0004	ND	NLE
4,4'-DDD	1	86.09	0.0006	0.003	3
Endrin Aldehyde	1	86.09	0.0005	ND	NLE
4,4'-DDT	5	86.09	0.0059	0.044	2
Endosulfan-Sulfate	1	86.09	0.0004	ND	NLE
gamma -Chlordane	1	86.09	0.0005	ND	NLE
alpha-Chlordane	1	86.09	0.0005	ND	NLE
Toxaphene	1	86.09	0.0196	ND	0.1
Arochlor 1016	1	86.09	0.0121	ND	0.49
Arochlor 1221	1	86.09	0.0222	ND	0.49
Arochlor 1232	1	86.09	0.0151	ND	0.49
Arochlor 1242	1	86.09	0.0172	ND	0.49
Arochlor 1248	1	86.09	0.0069	ND	0.49
Arochlor 1254	1	86.09	0.0043	ND	0.49
Arochlor 1260	1	86.09	0.0039	ND	0.49

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	3539.06 5/1/98 5/4/98 5/29/98
Analysis: **Matrix:** **Analyst:**	SW-846 Method 8081 Soil D. Wright	**Location :** **Field ID:**	M-5 B-42

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	87.65	0.0003	ND	NLE
beta-BHC	1	87.65	0.0003	ND	NLE
gamma-BHC	1	87.65	0.0004	ND	0.52
delta-BHC	1	87.65	0.0004	ND	NLE
Heptachlor	1	87.65	0.0003	ND	0.15
Aldrin	1	87.65	0.0004	ND	0.04
Heptachlor Epoxide	1	87.65	0.0007	ND	NLE
Endosulfan I	1	87.65	0.0006	ND	NLE
4,4'-DDE	1	87.65	0.0004	0.007	2
Dieldrin	1	87.65	0.0006	ND	0.042
Endrin	1	87.65	0.0006	ND	17
Endosulfan II	1	87.65	0.0004	0.004	NLE
4,4'-DDD	1	87.65	0.0007	0.003	3
Endrin Aldehyde	1	87.65	0.0006	ND	NLE
4,4'-DDT	1	87.65	0.0012	0.033	2
Endosulfan-Sulfate	1	87.65	0.0004	ND	NLE
gamma -Chlordane	1	87.65	0.0006	ND	NLE
alpha-Chlordane	1	87.65	0.0006	ND	NLE
Toxaphene	1	87.65	0.0204	ND	0.1
Arochlor 1016	1	87.65	0.0126	ND	0.49
Arochlor 1221	1	87.65	0.0231	ND	0.49
Arochlor 1232	1	87.65	0.0157	ND	0.49
Arochlor 1242	1	87.65	0.0179	ND	0.49
Arochlor 1248	1	87.65	0.0072	ND	0.49
Arochlor 1254	1	87.65	0.0045	ND	0.49
Arochlor 1260	1	87.65	0.0040	ND	0.49

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3543.02
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/4/98
	Bldg. 173	**Extraction Date:**	5/6/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/29/98
Analysis:	SW-846 Method 8081	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-43

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	78.48	0.0004	ND	NLE
beta-BHC	1	78.48	0.0004	ND	NLE
gamma-BHC	1	78.48	0.0005	ND	0.52
delta-BHC	1	78.48	0.0005	ND	NLE
Heptachlor	1	78.48	0.0004	ND	0.15
Aldrin	1	78.48	0.0005	ND	0.04
Heptachlor Epoxide	1	78.48	0.0007	ND	NLE
Endosulfan I	1	78.48	0.0006	ND	NLE
4,4'-DDE	1	78.48	0.0005	ND	2
Dieldrin	1	78.48	0.0006	ND	0.042
Endrin	1	78.48	0.0006	ND	17
Endosulfan II	1	78.48	0.0005	ND	NLE
4,4'-DDD	1	78.48	0.0007	ND	3
Endrin Aldehyde	1	78.48	0.0006	ND	NLE
4,4'-DDT	1	78.48	0.0013	ND	2
Endosulfan-Sulfate	1	78.48	0.0005	ND	NLE
gamma -Chlordane	1	78.48	0.0006	ND	NLE
alpha-Chlordane	1	78.48	0.0006	ND	NLE
Toxaphene	1	78.48	0.0217	ND	0.1
Arochlor 1016	1	78.48	0.0133	ND	0.49
Arochlor 1221	1	78.48	0.0245	ND	0.49
Arochlor 1232	1	78.48	0.0167	ND	0.49
Arochlor 1242	1	78.48	0.0190	ND	0.49
Arochlor 1248	1	78.48	0.0076	ND	0.49
Arochlor 1254	1	78.48	0.0048	ND	0.49
Arochlor 1260	1	78.48	0.0043	ND	0.49

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3543.06
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/4/98
	Bldg. 173	**Extraction Date:**	5/6/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/30/98
Analysis:	SW-846 Method 8081	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-44

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	80.54	0.0004	ND	NLE
beta-BHC	1	80.54	0.0004	ND	NLE
gamma-BHC	1	80.54	0.0005	ND	0.52
delta-BHC	1	80.54	0.0005	ND	NLE
Heptachlor	1	80.54	0.0004	ND	0.15
Aldrin	1	80.54	0.0005	ND	0.04
Heptachlor Epoxide	1	80.54	0.0007	ND	NLE
Endosulfan I	1	80.54	0.0006	ND	NLE
4,4'-DDE	1	80.54	0.0005	ND	2
Dieldrin	1	80.54	0.0006	ND	0.042
Endrin	1	80.54	0.0006	ND	17
Endosulfan II	1	80.54	0.0005	ND	NLE
4,4'-DDD	1	80.54	0.0007	ND	3
Endrin Aldehyde	1	80.54	0.0006	ND	NLE
4,4'-DDT	1	80.54	0.0013	ND	2
Endosulfan-Sulfate	1	80.54	0.0005	ND	NLE
gamma -Chlordane	1	80.54	0.0006	ND	NLE
alpha-Chlordane	1	80.54	0.0006	ND	NLE
Toxaphene	1	80.54	0.0219	ND	0.1
Arochlor 1016	1	80.54	0.0135	ND	0.49
Arochlor 1221	1	80.54	0.0248	ND	0.49
Arochlor 1232	1	80.54	0.0169	ND	0.49
Arochlor 1242	1	80.54	0.0193	ND	0.49
Arochlor 1248	1	80.54	0.0077	ND	0.49
Arochlor 1254	1	80.54	0.0048	ND	0.49
Arochlor 1260	1	80.54	0.0043	ND	0.49

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3543.10
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/4/98
	Bldg. 173	**Extraction Date:**	5/6/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/30/98
Analysis:	SW-846 Method 8081	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-45

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	87.96	0.0003	ND	NLE
beta-BHC	1	87.96	0.0003	ND	NLE
gamma-BHC	1	87.96	0.0004	ND	0.52
delta-BHC	1	87.96	0.0004	ND	NLE
Heptachlor	1	87.96	0.0003	ND	0.15
Aldrin	1	87.96	0.0004	ND	0.04
Heptachlor Epoxide	1	87.96	0.0007	ND	NLE
Endosulfan I	1	87.96	0.0006	ND	NLE
4,4'-DDE	10	87.96	0.0045	0.084	2
Dieldrin	1	87.96	0.0006	ND	0.042
Endrin	1	87.96	0.0006	ND	17
Endosulfan II	1	87.96	0.0004	ND	NLE
4,4'-DDD	1	87.96	0.0007	0.007	3
Endrin Aldehyde	1	87.96	0.0006	ND	NLE
4,4'-DDT	10	87.96	0.0123	0.105	2
Endosulfan-Sulfate	1	87.96	0.0004	ND	NLE
gamma -Chlordane	1	87.96	0.0006	ND	NLE
alpha-Chlordane	1	87.96	0.0006	ND	NLE
Toxaphene	1	87.96	0.0204	ND	0.1
Arochlor 1016	1	87.96	0.0126	ND	0.49
Arochlor 1221	1	87.96	0.0231	ND	0.49
Arochlor 1232	1	87.96	0.0157	ND	0.49
Arochlor 1242	1	87.96	0.0179	ND	0.49
Arochlor 1248	1	87.96	0.0072	ND	0.49
Arochlor 1254	1	87.96	0.0045	ND	0.49
Arochlor 1260	1	87.96	0.0040	ND	0.49

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3543.14
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/4/98
	Bldg. 173	**Extraction Date:**	5/6/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/30/98
Analysis:	SW-846 Method 8081	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-46

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	87.48	0.0003	ND	NLE
beta-BHC	1	87.48	0.0003	ND	NLE
gamma-BHC	1	87.48	0.0005	ND	0.52
delta-BHC	1	87.48	0.0005	ND	NLE
Heptachlor	1	87.48	0.0003	ND	0.15
Aldrin	1	87.48	0.0005	ND	0.04
Heptachlor Epoxide	1	87.48	0.0007	ND	NLE
Endosulfan I	1	87.48	0.0006	ND	NLE
4,4'-DDE	1	87.48	0.0005	0.052	2
Dieldrin	1	87.48	0.0006	ND	0.042
Endrin	1	87.48	0.0006	ND	17
Endosulfan II	1	87.48	0.0005	ND	NLE
4,4'-DDD	1	87.48	0.0007	0.008	3
Endrin Aldehyde	1	87.48	0.0006	ND	NLE
4,4'-DDT	5	87.48	0.0062	0.075	2
Endosulfan-Sulfate	1	87.48	0.0005	ND	NLE
gamma -Chlordane	1	87.48	0.0006	ND	NLE
alpha-Chlordane	1	87.48	0.0006	ND	NLE
Toxaphene	1	87.48	0.0205	ND	0.1
Arochlor 1016	1	87.48	0.0126	ND	0.49
Arochlor 1221	1	87.48	0.0232	ND	0.49
Arochlor 1232	1	87.48	0.0158	ND	0.49
Arochlor 1242	1	87.48	0.0180	ND	0.49
Arochlor 1248	1	87.48	0.0072	ND	0.49
Arochlor 1254	1	87.48	0.0045	ND	0.49
Arochlor 1260	1	87.48	0.0041	ND	0.49

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3547.02
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/5/98
	Bldg. 173	**Extraction Date:**	5/6/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/30/98
Analysis:	SW-846 Method 8080A	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-47

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	92.95	0.0002	ND	NLE
beta-BHC	1	92.95	0.0003	ND	NLE
gamma-BHC	1	92.95	0.0003	ND	0.52
delta-BHC	1	92.95	0.0003	ND	NLE
Heptachlor	1	92.95	0.0003	ND	0.15
Aldrin	1	92.95	0.0003	ND	0.04
Heptachlor Epoxide	1	92.95	0.0002	ND	NLE
Endosulfan I	1	92.95	0.0002	ND	NLE
4,4'-DDE	1	92.95	0.0003	0.004	2
Dieldrin	1	92.95	0.0002	ND	0.042
Endrin	1	92.95	0.0003	ND	17
Endosulfan II	1	92.95	0.0003	ND	NLE
4,4'-DDD	1	92.95	0.0007	ND	3
Endrin Aldehyde	1	92.95	0.0005	ND	NLE
4,4'-DDT	1	92.95	0.0002	0.004	2
Endosulfan-Sulfate	1	92.95	0.0010	ND	NLE
gamma -Chlordane	1	92.95	0.0010	ND	NLE
alpha-Chlordane	1	92.95	0.0010	ND	NLE
Toxaphene	1	92.95	0.0183	ND	0.1
Arochlor 1016	1	92.95	0.0644	ND	0.49
Arochlor 1221	1	92.95	0.0502	ND	0.49
Arochlor 1232	1	92.95	0.0502	ND	0.49
Arochlor 1242	1	92.95	0.0283	ND	0.49
Arochlor 1248	1	92.95	0.0502	ND	0.49
Arochlor 1254	1	92.95	0.0502	ND	0.49
Arochlor 1260	1	92.95	0.0682	ND	0.49

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3547.06
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/5/98
	Bldg. 173	**Extraction Date:**	5/6/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/30/98
Analysis:	SW-846 Method 8080A	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-48

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	92.87	0.0002	ND	NLE
beta-BHC	1	92.87	0.0003	ND	NLE
gamma-BHC	1	92.87	0.0003	ND	0.52
delta-BHC	1	92.87	0.0003	ND	NLE
Heptachlor	1	92.87	0.0003	ND	0.15
Aldrin	1	92.87	0.0003	ND	0.04
Heptachlor Epoxide	1	92.87	0.0002	ND	NLE
Endosulfan I	1	92.87	0.0002	ND	NLE
4,4'-DDE	1	92.87	0.0003	ND	2
Dieldrin	1	92.87	0.0002	ND	0.042
Endrin	1	92.87	0.0003	ND	17
Endosulfan II	1	92.87	0.0003	ND	NLE
4,4'-DDD	1	92.87	0.0007	ND	3
Endrin Aldehyde	1	92.87	0.0005	ND	NLE
4,4'-DDT	1	92.87	0.0002	ND	2
Endosulfan-Sulfate	1	92.87	0.0010	ND	NLE
gamma -Chlordane	1	92.87	0.0010	ND	NLE
alpha-Chlordane	1	92.87	0.0010	ND	NLE
Toxaphene	1	92.87	0.0182	ND	0.1
Arochlor 1016	1	92.87	0.0642	ND	0.49
Arochlor 1221	1	92.87	0.0500	ND	0.49
Arochlor 1232	1	92.87	0.0500	ND	0.49
Arochlor 1242	1	92.87	0.0282	ND	0.49
Arochlor 1248	1	92.87	0.0500	ND	0.49
Arochlor 1254	1	92.87	0.0500	ND	0.49
Arochlor 1260	1	92.87	0.0680	ND	0.49

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3547.10
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/5/98
	Bldg. 173	**Extraction Date:**	5/6/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/30/98
Analysis:	SW-846 Method 8080A	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-49

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	89.03	0.0002	ND	NLE
beta-BHC	1	89.03	0.0003	ND	NLE
gamma-BHC	1	89.03	0.0003	ND	0.52
delta-BHC	1	89.03	0.0003	ND	NLE
Heptachlor	1	89.03	0.0003	ND	0.15
Aldrin	1	89.03	0.0003	ND	0.04
Heptachlor Epoxide	1	89.03	0.0003	ND	NLE
Endosulfan I	1	89.03	0.0003	ND	NLE
4,4'-DDE	1	89.03	0.0004	ND	2
Dieldrin	1	89.03	0.0002	ND	0.042
Endrin	1	89.03	0.0003	ND	17
Endosulfan II	1	89.03	0.0003	ND	NLE
4,4'-DDD	1	89.03	0.0007	0.001	3
Endrin Aldehyde	1	89.03	0.0005	ND	NLE
4,4'-DDT	1	89.03	0.0002	ND	2
Endosulfan-Sulfate	1	89.03	0.0010	ND	NLE
gamma -Chlordane	1	89.03	0.0010	ND	NLE
alpha-Chlordane	1	89.03	0.0010	ND	NLE
Toxaphene	1	89.03	0.0191	ND	0.1
Arochlor 1016	1	89.03	0.0673	ND	0.49
Arochlor 1221	1	89.03	0.0524	ND	0.49
Arochlor 1232	1	89.03	0.0524	ND	0.49
Arochlor 1242	1	89.03	0.0296	ND	0.49
Arochlor 1248	1	89.03	0.0524	ND	0.49
Arochlor 1254	1	89.03	0.0524	ND	0.49
Arochlor 1260	1	89.03	0.0713	ND	0.49

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3547.14
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/5/98
	Bldg. 173	**Extraction Date:**	5/6/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/30/98
Analysis:	SW-846 Method 8080A	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-50

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	91.57	0.0002	ND	NLE
beta-BHC	1	91.57	0.0003	ND	NLE
gamma-BHC	1	91.57	0.0003	ND	0.52
delta-BHC	1	91.57	0.0003	ND	NLE
Heptachlor	1	91.57	0.0003	ND	0.15
Aldrin	1	91.57	0.0003	ND	0.04
Heptachlor Epoxide	1	91.57	0.0002	ND	NLE
Endosulfan I	1	91.57	0.0002	ND	NLE
4,4'-DDE	1	91.57	0.0003	0.004	2
Dieldrin	1	91.57	0.0002	ND	0.042
Endrin	1	91.57	0.0003	ND	17
Endosulfan II	1	91.57	0.0003	ND	NLE
4,4'-DDD	1	91.57	0.0007	0.001	3
Endrin Aldehyde	1	91.57	0.0005	ND	NLE
4,4'-DDT	1	91.57	0.0002	0.010	2
Endosulfan-Sulfate	1	91.57	0.0010	ND	NLE
gamma -Chlordane	1	91.57	0.0010	ND	NLE
alpha-Chlordane	1	91.57	0.0010	ND	NLE
Toxaphene	1	91.57	0.0182	ND	0.1
Arochlor 1016	1	91.57	0.0643	ND	0.49
Arochlor 1221	1	91.57	0.0501	ND	0.49
Arochlor 1232	1	91.57	0.0501	ND	0.49
Arochlor 1242	1	91.57	0.0283	ND	0.49
Arochlor 1248	1	91.57	0.0501	ND	0.49
Arochlor 1254	1	91.57	0.0501	ND	0.49
Arochlor 1260	1	91.57	0.0681	ND	0.49

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3547.18
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/5/98
	Bldg. 173	**Extraction Date:**	5/6/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/3/98
Analysis:	SW-846 Method 8080A	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-51

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	90.05	0.0003	ND	NLE
beta-BHC	1	90.05	0.0003	ND	NLE
gamma-BHC	1	90.05	0.0003	ND	0.52
delta-BHC	1	90.05	0.0003	ND	NLE
Heptachlor	1	90.05	0.0003	ND	0.15
Aldrin	1	90.05	0.0003	ND	0.04
Heptachlor Epoxide	1	90.05	0.0003	ND	NLE
Endosulfan I	1	90.05	0.0003	ND	NLE
4,4'-DDE	1	90.05	0.0004	ND	2
Dieldrin	1	90.05	0.0002	ND	0.042
Endrin	1	90.05	0.0003	ND	17
Endosulfan II	1	90.05	0.0003	ND	NLE
4,4'-DDD	1	90.05	0.0007	ND	3
Endrin Aldehyde	1	90.05	0.0006	ND	NLE
4,4'-DDT	1	90.05	0.0002	ND	2
Endosulfan-Sulfate	1	90.05	0.0011	ND	NLE
gamma -Chlordane	1	90.05	0.0011	ND	NLE
alpha-Chlordane	1	90.05	0.0011	ND	NLE
Toxaphene	1	90.05	0.0199	ND	0.1
Arochlor 1016	1	90.05	0.0702	ND	0.49
Arochlor 1221	1	90.05	0.0547	ND	0.49
Arochlor 1232	1	90.05	0.0547	ND	0.49
Arochlor 1242	1	90.05	0.0309	ND	0.49
Arochlor 1248	1	90.05	0.0547	ND	0.49
Arochlor 1254	1	90.05	0.0547	ND	0.49
Arochlor 1260	1	90.05	0.0744	ND	0.49

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3550.03
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/6/98
	Bldg. 173	**Extraction Date:**	5/7/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/2/98
Analysis:	SW-846 Method 8081	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-52

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	87.59	0.0003	ND	NLE
beta-BHC	1	87.59	0.0003	ND	NLE
gamma-BHC	1	87.59	0.0004	ND	0.52
delta-BHC	1	87.59	0.0004	ND	NLE
Heptachlor	1	87.59	0.0003	ND	0.15
Aldrin	1	87.59	0.0004	ND	0.04
Heptachlor Epoxide	1	87.59	0.0007	ND	NLE
Endosulfan I	1	87.59	0.0006	ND	NLE
4,4'-DDE	1	87.59	0.0004	ND	2
Dieldrin	1	87.59	0.0006	ND	0.042
Endrin	1	87.59	0.0006	ND	17
Endosulfan II	1	87.59	0.0004	0.013	NLE
4,4'-DDD	1	87.59	0.0007	ND	3
Endrin Aldehyde	1	87.59	0.0006	ND	NLE
4,4'-DDT	1	87.59	0.0012	ND	2
Endosulfan-Sulfate	1	87.59	0.0004	ND	NLE
gamma -Chlordane	1	87.59	0.0006	ND	NLE
alpha-Chlordane	1	87.59	0.0006	ND	NLE
Toxaphene	1	87.59	0.0201	ND	0.1
Arochlor 1016	1	87.59	0.0124	ND	0.49
Arochlor 1221	1	87.59	0.0227	ND	0.49
Arochlor 1232	1	87.59	0.0154	ND	0.49
Arochlor 1242	1	87.59	0.0176	ND	0.49
Arochlor 1248	1	87.59	0.0071	ND	0.49
Arochlor 1254	1	87.59	0.0044	ND	0.49
Arochlor 1260	1	87.59	0.0040	ND	0.49

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3550.07
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/6/98
	Bldg. 173	**Extraction Date:**	5/7/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/2/98
Analysis:	SW-846 Method 8081	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-53

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	91.06	0.0003	ND	NLE
beta-BHC	1	91.06	0.0003	ND	NLE
gamma-BHC	1	91.06	0.0004	ND	0.52
delta-BHC	1	91.06	0.0004	ND	NLE
Heptachlor	1	91.06	0.0003	ND	0.15
Aldrin	1	91.06	0.0004	ND	0.04
Heptachlor Epoxide	1	91.06	0.0006	ND	NLE
Endosulfan I	1	91.06	0.0005	ND	NLE
4,4'-DDE	1	91.06	0.0004	0.027	2
Dieldrin	1	91.06	0.0005	ND	0.042
Endrin	1	91.06	0.0005	ND	17
Endosulfan II	1	91.06	0.0004	0.019	NLE
4,4'-DDD	1	91.06	0.0006	ND	3
Endrin Aldehyde	1	91.06	0.0005	ND	NLE
4,4'-DDT	1	91.06	0.0012	ND	2
Endosulfan-Sulfate	1	91.06	0.0004	ND	NLE
gamma -Chlordane	1	91.06	0.0005	ND	NLE
alpha-Chlordane	1	91.06	0.0005	ND	NLE
Toxaphene	1	91.06	0.0193	ND	0.1
Arochlor 1016	1	91.06	0.0119	ND	0.49
Arochlor 1221	1	91.06	0.0218	ND	0.49
Arochlor 1232	1	91.06	0.0148	ND	0.49
Arochlor 1242	1	91.06	0.0170	ND	0.49
Arochlor 1248	1	91.06	0.0068	ND	0.49
Arochlor 1254	1	91.06	0.0042	ND	0.49
Arochlor 1260	1	91.06	0.0038	ND	0.49

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3550.11
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/6/98
	Bldg. 173	**Extraction Date:**	5/7/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/2/98
Analysis:	SW-846 Method 8081	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-54

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	90.40	0.0003	ND	NLE
beta-BHC	1	90.40	0.0003	ND	NLE
gamma-BHC	1	90.40	0.0004	ND	0.52
delta-BHC	1	90.40	0.0004	ND	NLE
Heptachlor	1	90.40	0.0003	ND	0.15
Aldrin	1	90.40	0.0004	ND	0.04
Heptachlor Epoxide	1	90.40	0.0006	ND	NLE
Endosulfan I	1	90.40	0.0005	ND	NLE
4,4'-DDE	1	90.40	0.0004	0.009	2
Dieldrin	1	90.40	0.0005	ND	0.042
Endrin	1	90.40	0.0005	ND	17
Endosulfan II	1	90.40	0.0004	ND	NLE
4,4'-DDD	1	90.40	0.0006	0.019	3
Endrin Aldehyde	1	90.40	0.0005	ND	NLE
4,4'-DDT	10	90.40	0.0113	0.092	2
Endosulfan-Sulfate	1	90.40	0.0004	ND	NLE
gamma -Chlordane	1	90.40	0.0005	ND	NLE
alpha-Chlordane	1	90.40	0.0005	ND	NLE
Toxaphene	1	90.40	0.0187	ND	0.1
Arochlor 1016	1	90.40	0.0115	ND	0.49
Arochlor 1221	1	90.40	0.0212	ND	0.49
Arochlor 1232	1	90.40	0.0144	ND	0.49
Arochlor 1242	1	90.40	0.0165	ND	0.49
Arochlor 1248	1	90.40	0.0066	ND	0.49
Arochlor 1254	1	90.40	0.0041	ND	0.49
Arochlor 1260	1	90.40	0.0037	ND	0.49

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3550.15
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/6/98
	Bldg. 173	**Extraction Date:**	5/7/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/2/98
Analysis:	SW-846 Method 8081	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-55

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	84.94	0.0003	ND	NLE
beta-BHC	1	84.94	0.0003	ND	NLE
gamma-BHC	1	84.94	0.0004	ND	0.52
delta-BHC	1	84.94	0.0004	ND	NLE
Heptachlor	1	84.94	0.0003	ND	0.15
Aldrin	1	84.94	0.0004	ND	0.04
Heptachlor Epoxide	1	84.94	0.0006	ND	NLE
Endosulfan I	1	84.94	0.0005	ND	NLE
4,4'-DDE	1	84.94	0.0004	0.006	2
Dieldrin	1	84.94	0.0005	ND	0.042
Endrin	1	84.94	0.0005	ND	17
Endosulfan II	1	84.94	0.0004	ND	NLE
4,4'-DDD	1	84.94	0.0006	0.002	3
Endrin Aldehyde	1	84.94	0.0005	ND	NLE
4,4'-DDT	1	84.94	0.0012	0.012	2
Endosulfan-Sulfate	1	84.94	0.0004	ND	NLE
gamma -Chlordane	1	84.94	0.0005	ND	NLE
alpha-Chlordane	1	84.94	0.0005	ND	NLE
Toxaphene	1	84.94	0.0196	ND	0.1
Arochlor 1016	1	84.94	0.0121	ND	0.49
Arochlor 1221	1	84.94	0.0222	ND	0.49
Arochlor 1232	1	84.94	0.0151	ND	0.49
Arochlor 1242	1	84.94	0.0173	ND	0.49
Arochlor 1248	1	84.94	0.0069	ND	0.49
Arochlor 1254	1	84.94	0.0043	ND	0.49
Arochlor 1260	1	84.94	0.0039	ND	0.49

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3561.02
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/11/98
	Bldg. 173	**Extraction Date:**	5/12/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/13/98
Analysis:	SW-846 Method 8081	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-56

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	82.92	0.0004	ND	NLE
beta-BHC	1	82.92	0.0004	ND	NLE
gamma-BHC	1	82.92	0.0005	ND	0.52
delta-BHC	1	82.92	0.0005	ND	NLE
Heptachlor	1	82.92	0.0004	ND	0.15
Aldrin	1	82.92	0.0005	ND	0.04
Heptachlor Epoxide	1	82.92	0.0007	ND	NLE
Endosulfan I	1	82.92	0.0006	ND	NLE
4,4'-DDE	5	82.92	0.0024	0.227	2
Dieldrin	1	82.92	0.0006	ND	0.042
Endrin	1	82.92	0.0006	ND	17
Endosulfan II	1	82.92	0.0005	ND	NLE
4,4'-DDD	1	82.92	0.0007	ND	3
Endrin Aldehyde	1	82.92	0.0006	ND	NLE
4,4'-DDT	5	82.92	0.0066	0.170	2
Endosulfan-Sulfate	1	82.92	0.0005	ND	NLE
gamma -Chlordane	1	82.92	0.0006	ND	NLE
alpha-Chlordane	1	82.92	0.0006	ND	NLE
Toxaphene	1	82.92	0.0218	ND	0.1
Arochlor 1016	1	82.92	0.0134	ND	0.49
Arochlor 1221	1	82.92	0.0247	ND	0.49
Arochlor 1232	1	82.92	0.0168	ND	0.49
Arochlor 1242	1	82.92	0.0192	ND	0.49
Arochlor 1248	1	82.92	0.0077	ND	0.49
Arochlor 1254	1	82.92	0.0048	ND	0.49
Arochlor 1260	1	82.92	0.0043	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3561.06
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/11/98
	Bldg. 173	**Extraction Date:**	5/12/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/13/98
Analysis:	SW-846 Method 8081	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-57

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	84.71	0.0003	ND	NLE
beta-BHC	1	84.71	0.0003	ND	NLE
gamma-BHC	1	84.71	0.0004	ND	0.52
delta-BHC	1	84.71	0.0004	ND	NLE
Heptachlor	1	84.71	0.0003	ND	0.15
Aldrin	1	84.71	0.0004	ND	0.04
Heptachlor Epoxide	1	84.71	0.0006	ND	NLE
Endosulfan I	1	84.71	0.0005	ND	NLE
4,4'-DDE	1	84.71	0.0004	0.039	2
Dieldrin	1	84.71	0.0005	ND	0.042
Endrin	1	84.71	0.0005	ND	17
Endosulfan II	1	84.71	0.0004	ND	NLE
4,4'-DDD	1	84.71	0.0006	ND	3
Endrin Aldehyde	1	84.71	0.0005	ND	NLE
4,4'-DDT	1	84.71	0.0012	0.060	2
Endosulfan-Sulfate	1	84.71	0.0004	ND	NLE
gamma -Chlordane	1	84.71	0.0005	ND	NLE
alpha-Chlordane	1	84.71	0.0005	ND	NLE
Toxaphene	1	84.71	0.0196	ND	0.1
Arochlor 1016	1	84.71	0.0121	ND	0.49
Arochlor 1221	1	84.71	0.0222	ND	0.49
Arochlor 1232	1	84.71	0.0151	ND	0.49
Arochlor 1242	1	84.71	0.0172	ND	0.49
Arochlor 1248	1	84.71	0.0069	ND	0.49
Arochlor 1254	1	84.71	0.0043	ND	0.49
Arochlor 1260	1	84.71	0.0039	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3561.10
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/11/98
	Bldg. 173	**Extraction Date:**	5/12/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/13/98
Analysis:	SW-846 Method 8081	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-58

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	92.60	0.0003	ND	NLE
beta-BHC	1	92.60	0.0003	ND	NLE
gamma-BHC	1	92.60	0.0004	ND	0.52
delta-BHC	1	92.60	0.0004	ND	NLE
Heptachlor	1	92.60	0.0003	ND	0.15
Aldrin	1	92.60	0.0004	ND	0.04
Heptachlor Epoxide	1	92.60	0.0006	ND	NLE
Endosulfan I	1	92.60	0.0005	ND	NLE
4,4'-DDE	1	92.60	0.0004	0.004	2
Dieldrin	1	92.60	0.0005	ND	0.042
Endrin	1	92.60	0.0005	ND	17
Endosulfan II	1	92.60	0.0004	ND	NLE
4,4'-DDD	1	92.60	0.0006	ND	3
Endrin Aldehyde	1	92.60	0.0005	ND	NLE
4,4'-DDT	1	92.60	0.0011	0.007	2
Endosulfan-Sulfate	1	92.60	0.0004	ND	NLE
gamma -Chlordane	1	92.60	0.0005	ND	NLE
alpha-Chlordane	1	92.60	0.0005	ND	NLE
Toxaphene	1	92.60	0.0186	ND	0.1
Arochlor 1016	1	92.60	0.0114	ND	0.49
Arochlor 1221	1	92.60	0.0210	ND	0.49
Arochlor 1232	1	92.60	0.0143	ND	0.49
Arochlor 1242	1	92.60	0.0163	ND	0.49
Arochlor 1248	1	92.60	0.0065	ND	0.49
Arochlor 1254	1	92.60	0.0041	ND	0.49
Arochlor 1260	1	92.60	0.0037	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3561.14
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/11/98
	Bldg. 173	**Extraction Date:**	5/12/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/13/98
Analysis:	SW-846 Method 8081	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-59

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	88.00	0.0003	ND	NLE
beta-BHC	1	88.00	0.0003	ND	NLE
gamma-BHC	1	88.00	0.0004	ND	0.52
delta-BHC	1	88.00	0.0004	ND	NLE
Heptachlor	1	88.00	0.0003	0.014	0.15
Aldrin	1	88.00	0.0004	ND	0.04
Heptachlor Epoxide	10	88.00	0.0064	0.261	NLE
Endosulfan I	1	88.00	0.0005	ND	NLE
4,4'-DDE	200	88.00	0.0857	2.058	2
Dieldrin	1	88.00	0.0005	ND	0.042
Endrin	1	88.00	0.0005	ND	17
Endosulfan II	1	88.00	0.0004	ND	NLE
4,4'-DDD	200	88.00	0.1285	2.680	3
Endrin Aldehyde	1	88.00	0.0005	ND	NLE
4,4'-DDT	200	88.00	0.2356	11.182	2
Endosulfan-Sulfate	1	88.00	0.0004	ND	NLE
gamma -Chlordane	10	88.00	0.0054	0.577	NLE
alpha-Chlordane	10	88.00	0.0054	0.409	NLE
Toxaphene	1	88.00	0.0195	ND	0.1
Arochlor 1016	1	88.00	0.0120	ND	0.49
Arochlor 1221	1	88.00	0.0221	ND	0.49
Arochlor 1232	1	88.00	0.0150	ND	0.49
Arochlor 1242	1	88.00	0.0171	ND	0.49
Arochlor 1248	1	88.00	0.0069	ND	0.49
Arochlor 1254	1	88.00	0.0043	ND	0.49
Arochlor 1260	1	88.00	0.0039	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3567.02
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/14/98
	Bldg. 173	**Extraction Date:**	5/15/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/13/98
Analysis:	SW-846 Method 8081	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-60

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	86.45	0.0003	ND	NLE
beta-BHC	1	86.45	0.0003	ND	NLE
gamma-BHC	1	86.45	0.0004	ND	0.52
delta-BHC	1	86.45	0.0004	ND	NLE
Heptachlor	1	86.45	0.0003	ND	0.15
Aldrin	1	86.45	0.0004	ND	0.04
Heptachlor Epoxide	1	86.45	0.0007	ND	NLE
Endosulfan I	1	86.45	0.0006	ND	NLE
4,4'-DDE	1	86.45	0.0004	0.003	2
Dieldrin	1	86.45	0.0006	ND	0.042
Endrin	1	86.45	0.0006	ND	17
Endosulfan II	1	86.45	0.0004	ND	NLE
4,4'-DDD	1	86.45	0.0007	ND	3
Endrin Aldehyde	1	86.45	0.0006	ND	NLE
4,4'-DDT	1	86.45	0.0012	0.002	2
Endosulfan-Sulfate	1	86.45	0.0004	ND	NLE
gamma -Chlordane	1	86.45	0.0006	ND	NLE
alpha-Chlordane	1	86.45	0.0006	ND	NLE
Toxaphene	1	86.45	0.0203	ND	0.1
Arochlor 1016	1	86.45	0.0125	ND	0.49
Arochlor 1221	1	86.45	0.0230	ND	0.49
Arochlor 1232	1	86.45	0.0156	ND	0.49
Arochlor 1242	1	86.45	0.0178	ND	0.49
Arochlor 1248	1	86.45	0.0071	ND	0.49
Arochlor 1254	1	86.45	0.0045	ND	0.49
Arochlor 1260	1	86.45	0.0040	ND	0.49

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3567.06
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/14/98
	Bldg. 173	**Extraction Date:**	5/15/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/13/98
Analysis:	SW-846 Method 8081	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-61

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	87.35	0.0003	ND	NLE
beta-BHC	1	87.35	0.0003	ND	NLE
gamma-BHC	1	87.35	0.0004	ND	0.52
delta-BHC	1	87.35	0.0004	ND	NLE
Heptachlor	1	87.35	0.0003	ND	0.15
Aldrin	1	87.35	0.0004	ND	0.04
Heptachlor Epoxide	1	87.35	0.0007	ND	NLE
Endosulfan I	1	87.35	0.0006	ND	NLE
4,4'-DDE	1	87.35	0.0004	0.005	2
Dieldrin	1	87.35	0.0006	ND	0.042
Endrin	1	87.35	0.0006	ND	17
Endosulfan II	1	87.35	0.0004	ND	NLE
4,4'-DDD	1	87.35	0.0007	ND	3
Endrin Aldehyde	1	87.35	0.0006	ND	NLE
4,4'-DDT	1	87.35	0.0012	0.007	2
Endosulfan-Sulfate	1	87.35	0.0004	ND	NLE
gamma -Chlordane	1	87.35	0.0006	ND	NLE
alpha-Chlordane	1	87.35	0.0006	ND	NLE
Toxaphene	1	87.35	0.0203	ND	0.1
Arochlor 1016	1	87.35	0.0125	ND	0.49
Arochlor 1221	1	87.35	0.0229	ND	0.49
Arochlor 1232	1	87.35	0.0156	ND	0.49
Arochlor 1242	1	87.35	0.0178	ND	0.49
Arochlor 1248	1	87.35	0.0071	ND	0.49
Arochlor 1254	1	87.35	0.0045	ND	0.49
Arochlor 1260	1	87.35	0.0040	ND	0.49

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3567.10
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/14/98
	Bldg. 173	**Extraction Date:**	5/15/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/13/98
Analysis:	SW-846 Method 8081	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-62

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	88.96	0.0003	ND	NLE
beta-BHC	1	88.96	0.0003	ND	NLE
gamma-BHC	1	88.96	0.0004	ND	0.52
delta-BHC	1	88.96	0.0004	ND	NLE
Heptachlor	1	88.96	0.0003	ND	0.15
Aldrin	1	88.96	0.0004	ND	0.04
Heptachlor Epoxide	1	88.96	0.0007	ND	NLE
Endosulfan I	1	88.96	0.0006	ND	NLE
4,4'-DDE	1	88.96	0.0004	0.001	2
Dieldrin	1	88.96	0.0006	ND	0.042
Endrin	1	88.96	0.0006	ND	17
Endosulfan II	1	88.96	0.0004	ND	NLE
4,4'-DDD	1	88.96	0.0007	ND	3
Endrin Aldehyde	1	88.96	0.0006	ND	NLE
4,4'-DDT	1	88.96	0.0012	ND	2
Endosulfan-Sulfate	1	88.96	0.0004	ND	NLE
gamma -Chlordane	1	88.96	0.0006	ND	NLE
alpha-Chlordane	1	88.96	0.0006	ND	NLE
Toxaphene	1	88.96	0.0203	ND	0.1
Arochlor 1016	1	88.96	0.0125	ND	0.49
Arochlor 1221	1	88.96	0.0229	ND	0.49
Arochlor 1232	1	88.96	0.0156	ND	0.49
Arochlor 1242	1	88.96	0.0178	ND	0.49
Arochlor 1248	1	88.96	0.0071	ND	0.49
Arochlor 1254	1	88.96	0.0045	ND	0.49
Arochlor 1260	1	88.96	0.0040	ND	0.49

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3567.14
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/14/98
	Bldg. 173	**Extraction Date:**	5/15/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/13/98
Analysis:	SW-846 Method 8081	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-63

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	89.88	0.0003	ND	NLE
beta-BHC	1	89.88	0.0003	ND	NLE
gamma-BHC	1	89.88	0.0004	ND	0.52
delta-BHC	1	89.88	0.0004	ND	NLE
Heptachlor	1	89.88	0.0003	ND	0.15
Aldrin	1	89.88	0.0004	ND	0.04
Heptachlor Epoxide	1	89.88	0.0007	ND	NLE
Endosulfan I	1	89.88	0.0006	ND	NLE
4,4'-DDE	1	89.88	0.0004	0.007	2
Dieldrin	1	89.88	0.0006	ND	0.042
Endrin	1	89.88	0.0006	ND	17
Endosulfan II	1	89.88	0.0004	ND	NLE
4,4'-DDD	1	89.88	0.0007	ND	3
Endrin Aldehyde	1	89.88	0.0006	ND	NLE
4,4'-DDT	1	89.88	0.0012	0.010	2
Endosulfan-Sulfate	1	89.88	0.0004	ND	NLE
gamma -Chlordane	1	89.88	0.0006	ND	NLE
alpha-Chlordane	1	89.88	0.0006	ND	NLE
Toxaphene	1	89.88	0.0200	ND	0.1
Arochlor 1016	1	89.88	0.0123	ND	0.49
Arochlor 1221	1	89.88	0.0227	ND	0.49
Arochlor 1232	1	89.88	0.0154	ND	0.49
Arochlor 1242	1	89.88	0.0176	ND	0.49
Arochlor 1248	1	89.88	0.0071	ND	0.49
Arochlor 1254	1	89.88	0.0044	ND	0.49
Arochlor 1260	1	89.88	0.0040	ND	0.49

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3567.19
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/14/98
	Bldg. 173	**Extraction Date:**	5/15/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/13/98
Analysis:	SW-846 Method 8081	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-64

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	82.85	0.0003	ND	NLE
beta-BHC	1	82.85	0.0003	ND	NLE
gamma-BHC	1	82.85	0.0005	ND	0.52
delta-BHC	1	82.85	0.0005	ND	NLE
Heptachlor	1	82.85	0.0003	ND	0.15
Aldrin	1	82.85	0.0005	ND	0.04
Heptachlor Epoxide	1	82.85	0.0007	ND	NLE
Endosulfan I	1	82.85	0.0006	ND	NLE
4,4'-DDE	100	82.85	0.0465	1.184	2
Dieldrin	1	82.85	0.0006	ND	0.042
Endrin	1	82.85	0.0006	ND	17
Endosulfan II	1	82.85	0.0005	ND	NLE
4,4'-DDD	100	82.85	0.0698	0.196	3
Endrin Aldehyde	1	82.85	0.0006	ND	NLE
4,4'-DDT	100	82.85	0.1279	0.532	2
Endosulfan-Sulfate	1	82.85	0.0005	ND	NLE
gamma -Chlordane	1	82.85	0.0006	ND	NLE
alpha-Chlordane	1	82.85	0.0006	ND	NLE
Toxaphene	1	82.85	0.0212	ND	0.1
Arochlor 1016	1	82.85	0.0130	ND	0.49
Arochlor 1221	1	82.85	0.0240	ND	0.49
Arochlor 1232	1	82.85	0.0163	ND	0.49
Arochlor 1242	1	82.85	0.0186	ND	0.49
Arochlor 1248	1	82.85	0.0074	ND	0.49
Arochlor 1254	1	82.85	0.0047	ND	0.49
Arochlor 1260	1	82.85	0.0042	ND	0.49

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3571.02
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/15/98
	Bldg. 173	**Extraction Date:**	5/18/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/13/98
Analysis:	SW-846 Method 8081	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-65

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	87.76	0.0003	ND	NLE
beta-BHC	1	87.76	0.0003	ND	NLE
gamma-BHC	1	87.76	0.0004	ND	0.52
delta-BHC	1	87.76	0.0004	ND	NLE
Heptachlor	1	87.76	0.0003	ND	0.15
Aldrin	1	87.76	0.0004	ND	0.04
Heptachlor Epoxide	1	87.76	0.0006	ND	NLE
Endosulfan I	1	87.76	0.0005	ND	NLE
4,4'-DDE	1	87.76	0.0004	0.002	2
Dieldrin	1	87.76	0.0005	ND	0.042
Endrin	1	87.76	0.0005	ND	17
Endosulfan II	1	87.76	0.0004	ND	NLE
4,4'-DDD	1	87.76	0.0006	ND	3
Endrin Aldehyde	1	87.76	0.0005	ND	NLE
4,4'-DDT	1	87.76	0.0012	0.002	2
Endosulfan-Sulfate	1	87.76	0.0004	ND	NLE
gamma -Chlordane	1	87.76	0.0005	ND	NLE
alpha-Chlordane	1	87.76	0.0005	ND	NLE
Toxaphene	1	87.76	0.0190	ND	0.1
Arochlor 1016	1	87.76	0.0117	ND	0.49
Arochlor 1221	1	87.76	0.0216	ND	0.49
Arochlor 1232	1	87.76	0.0146	ND	0.49
Arochlor 1242	1	87.76	0.0167	ND	0.49
Arochlor 1248	1	87.76	0.0067	ND	0.49
Arochlor 1254	1	87.76	0.0042	ND	0.49
Arochlor 1260	1	87.76	0.0038	ND	0.49

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	3571.06 5/15/98 5/18/98 6/13/98
Analysis:	SW-846 Method 8081	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-66

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	87.74	0.0003	ND	NLE
beta-BHC	1	87.74	0.0003	ND	NLE
gamma-BHC	1	87.74	0.0004	ND	0.52
delta-BHC	1	87.74	0.0004	ND	NLE
Heptachlor	1	87.74	0.0003	ND	0.15
Aldrin	1	87.74	0.0004	ND	0.04
Heptachlor Epoxide	1	87.74	0.0006	ND	NLE
Endosulfan I	1	87.74	0.0005	ND	NLE
4,4'-DDE	1	87.74	0.0004	ND	2
Dieldrin	1	87.74	0.0005	ND	0.042
Endrin	1	87.74	0.0005	ND	17
Endosulfan II	1	87.74	0.0004	ND	NLE
4,4'-DDD	1	87.74	0.0006	ND	3
Endrin Aldehyde	1	87.74	0.0005	ND	NLE
4,4'-DDT	1	87.74	0.0012	ND	2
Endosulfan-Sulfate	1	87.74	0.0004	ND	NLE
gamma -Chlordane	1	87.74	0.0005	ND	NLE
alpha-Chlordane	1	87.74	0.0005	ND	NLE
Toxaphene	1	87.74	0.0193	ND	0.1
Arochlor 1016	1	87.74	0.0119	ND	0.49
Arochlor 1221	1	87.74	0.0218	ND	0.49
Arochlor 1232	1	87.74	0.0148	ND	0.49
Arochlor 1242	1	87.74	0.0169	ND	0.49
Arochlor 1248	1	87.74	0.0068	ND	0.49
Arochlor 1254	1	87.74	0.0042	ND	0.49
Arochlor 1260	1	87.74	0.0038	ND	0.49

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	3571.10 5/15/98 5/18/98 6/13/98
Analysis:	SW-846 Method 8081	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-67

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	88.16	0.0003	ND	NLE
beta-BHC	1	88.16	0.0003	ND	NLE
gamma-BHC	1	88.16	0.0004	ND	0.52
delta-BHC	1	88.16	0.0004	ND	NLE
Heptachlor	1	88.16	0.0003	ND	0.15
Aldrin	1	88.16	0.0004	ND	0.04
Heptachlor Epoxide	1	88.16	0.0006	ND	NLE
Endosulfan I	1	88.16	0.0005	ND	NLE
4,4'-DDE	1	88.16	0.0004	ND	2
Dieldrin	1	88.16	0.0005	ND	0.042
Endrin	1	88.16	0.0005	ND	17
Endosulfan II	1	88.16	0.0004	ND	NLE
4,4'-DDD	1	88.16	0.0006	ND	3
Endrin Aldehyde	1	88.16	0.0005	ND	NLE
4,4'-DDT	1	88.16	0.0012	ND	2
Endosulfan-Sulfate	1	88.16	0.0004	ND	NLE
gamma -Chlordane	1	88.16	0.0005	ND	NLE
alpha-Chlordane	1	88.16	0.0005	ND	NLE
Toxaphene	1	88.16	0.0195	ND	0.1
Arochlor 1016	1	88.16	0.0120	ND	0.49
Arochlor 1221	1	88.16	0.0220	ND	0.49
Arochlor 1232	1	88.16	0.0150	ND	0.49
Arochlor 1242	1	88.16	0.0171	ND	0.49
Arochlor 1248	1	88.16	0.0068	ND	0.49
Arochlor 1254	1	88.16	0.0043	ND	0.49
Arochlor 1260	1	88.16	0.0039	ND	0.49

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	3571.13 5/15/98 5/18/98 6/13/98
Analysis:	SW-846 Method 8081	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-68

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	87.27	0.0003	ND	NLE
beta-BHC	1	87.27	0.0003	ND	NLE
gamma-BHC	1	87.27	0.0004	ND	0.52
delta-BHC	1	87.27	0.0004	ND	NLE
Heptachlor	1	87.27	0.0003	ND	0.15
Aldrin	1	87.27	0.0004	ND	0.04
Heptachlor Epoxide	1	87.27	0.0006	ND	NLE
Endosulfan I	1	87.27	0.0005	ND	NLE
4,4'-DDE	1	87.27	0.0004	0.041	2
Dieldrin	1	87.27	0.0005	ND	0.042
Endrin	1	87.27	0.0005	ND	17
Endosulfan II	1	87.27	0.0004	ND	NLE
4,4'-DDD	1	87.27	0.0006	ND	3
Endrin Aldehyde	1	87.27	0.0005	ND	NLE
4,4'-DDT	1	87.27	0.0012	0.069	2
Endosulfan-Sulfate	1	87.27	0.0004	ND	NLE
gamma -Chlordane	1	87.27	0.0005	ND	NLE
alpha-Chlordane	1	87.27	0.0005	ND	NLE
Toxaphene	1	87.27	0.0195	ND	0.1
Arochlor 1016	1	87.27	0.0120	ND	0.49
Arochlor 1221	1	87.27	0.0220	ND	0.49
Arochlor 1232	1	87.27	0.0150	ND	0.49
Arochlor 1242	1	87.27	0.0171	ND	0.49
Arochlor 1248	1	87.27	0.0068	ND	0.49
Arochlor 1254	1	87.27	0.0043	ND	0.49
Arochlor 1260	1	87.27	0.0038	ND	0.49

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3571.17
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/15/98
	Bldg. 173	**Extraction Date:**	5/18/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/13/98
Analysis:	SW-846 Method 8081	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-69

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	85.48	0.0003	ND	NLE
beta-BHC	1	85.48	0.0003	ND	NLE
gamma-BHC	1	85.48	0.0004	ND	0.52
delta-BHC	1	85.48	0.0004	ND	NLE
Heptachlor	1	85.48	0.0003	ND	0.15
Aldrin	1	85.48	0.0004	ND	0.04
Heptachlor Epoxide	1	85.48	0.0006	ND	NLE
Endosulfan I	1	85.48	0.0005	ND	NLE
4,4'-DDE	1	85.48	0.0004	0.069	2
Dieldrin	1	85.48	0.0005	ND	0.042
Endrin	1	85.48	0.0005	ND	17
Endosulfan II	1	85.48	0.0004	ND	NLE
4,4'-DDD	1	85.48	0.0006	0.038	3
Endrin Aldehyde	1	85.48	0.0005	ND	NLE
4,4'-DDT	5	85.48	0.0059	0.287	2
Endosulfan-Sulfate	1	85.48	0.0004	ND	NLE
gamma -Chlordane	1	85.48	0.0005	ND	NLE
alpha-Chlordane	1	85.48	0.0005	ND	NLE
Toxaphene	1	85.48	0.0195	ND	0.1
Arochlor 1016	1	85.48	0.0120	ND	0.49
Arochlor 1221	1	85.48	0.0220	ND	0.49
Arochlor 1232	1	85.48	0.0150	ND	0.49
Arochlor 1242	1	85.48	0.0171	ND	0.49
Arochlor 1248	1	85.48	0.0069	ND	0.49
Arochlor 1254	1	85.48	0.0043	ND	0.49
Arochlor 1260	1	85.48	0.0039	ND	0.49

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3576.02
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/18/98
	Bldg. 173	**Extraction Date:**	5/20/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/13/98
Analysis:	SW-846 Method 8081	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-70

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	89.22	0.0003	ND	NLE
beta-BHC	1	89.22	0.0003	ND	NLE
gamma-BHC	1	89.22	0.0004	ND	0.52
delta-BHC	1	89.22	0.0004	ND	NLE
Heptachlor	1	89.22	0.0003	ND	0.15
Aldrin	1	89.22	0.0004	ND	0.04
Heptachlor Epoxide	1	89.22	0.0006	ND	NLE
Endosulfan I	1	89.22	0.0005	ND	NLE
4,4'-DDE	1	89.22	0.0004	0.001	2
Dieldrin	1	89.22	0.0005	ND	0.042
Endrin	1	89.22	0.0005	ND	17
Endosulfan II	1	89.22	0.0004	ND	NLE
4,4'-DDD	1	89.22	0.0006	ND	3
Endrin Aldehyde	1	89.22	0.0005	ND	NLE
4,4'-DDT	1	89.22	0.0012	0.002	2
Endosulfan-Sulfate	1	89.22	0.0004	ND	NLE
gamma -Chlordane	1	89.22	0.0005	ND	NLE
alpha-Chlordane	1	89.22	0.0005	ND	NLE
Toxaphene	1	89.22	0.0195	ND	0.1
Arochlor 1016	1	89.22	0.0120	ND	0.49
Arochlor 1221	1	89.22	0.0221	ND	0.49
Arochlor 1232	1	89.22	0.0150	ND	0.49
Arochlor 1242	1	89.22	0.0172	ND	0.49
Arochlor 1248	1	89.22	0.0069	ND	0.49
Arochlor 1254	1	89.22	0.0043	ND	0.49
Arochlor 1260	1	89.22	0.0039	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	3576.06 5/18/98 5/20/98 6/13/98
Analysis:	SW-846 Method 8081	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-71

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	90.14	0.0003	ND	NLE
beta-BHC	1	90.14	0.0003	ND	NLE
gamma-BHC	1	90.14	0.0004	ND	0.52
delta-BHC	1	90.14	0.0004	ND	NLE
Heptachlor	1	90.14	0.0003	ND	0.15
Aldrin	1	90.14	0.0004	ND	0.04
Heptachlor Epoxide	1	90.14	0.0006	ND	NLE
Endosulfan I	1	90.14	0.0005	ND	NLE
4,4'-DDE	1	90.14	0.0004	0.103	2
Dieldrin	1	90.14	0.0005	ND	0.042
Endrin	1	90.14	0.0005	ND	17
Endosulfan II	1	90.14	0.0004	ND	NLE
4,4'-DDD	1	90.14	0.0006	ND	3
Endrin Aldehyde	1	90.14	0.0005	ND	NLE
4,4'-DDT	1	90.14	0.0012	0.104	2
Endosulfan-Sulfate	1	90.14	0.0004	ND	NLE
gamma -Chlordane	1	90.14	0.0005	ND	NLE
alpha-Chlordane	1	90.14	0.0005	ND	NLE
Toxaphene	1	90.14	0.0195	ND	0.1
Arochlor 1016	1	90.14	0.0120	ND	0.49
Arochlor 1221	1	90.14	0.0220	ND	0.49
Arochlor 1232	1	90.14	0.0150	ND	0.49
Arochlor 1242	1	90.14	0.0171	ND	0.49
Arochlor 1248	1	90.14	0.0068	ND	0.49
Arochlor 1254	1	90.14	0.0043	ND	0.49
Arochlor 1260	1	90.14	0.0039	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3576.10
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/18/98
	Bldg. 173	**Extraction Date:**	5/20/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/13/98
Analysis:	SW-846 Method 8081	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-72

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	89.52	0.0003	ND	NLE
beta-BHC	1	89.52	0.0003	ND	NLE
gamma-BHC	1	89.52	0.0004	ND	0.52
delta-BHC	1	89.52	0.0004	ND	NLE
Heptachlor	1	89.52	0.0003	ND	0.15
Aldrin	1	89.52	0.0004	ND	0.04
Heptachlor Epoxide	1	89.52	0.0006	ND	NLE
Endosulfan I	1	89.52	0.0005	ND	NLE
4,4'-DDE	1	89.52	0.0004	0.087	2
Dieldrin	1	89.52	0.0005	ND	0.042
Endrin	1	89.52	0.0005	ND	17
Endosulfan II	1	89.52	0.0004	ND	NLE
4,4'-DDD	1	89.52	0.0006	ND	3
Endrin Aldehyde	1	89.52	0.0005	ND	NLE
4,4'-DDT	1	89.52	0.0011	0.072	2
Endosulfan-Sulfate	1	89.52	0.0004	ND	NLE
gamma -Chlordane	1	89.52	0.0005	ND	NLE
alpha-Chlordane	1	89.52	0.0005	ND	NLE
Toxaphene	1	89.52	0.0189	ND	0.1
Arochlor 1016	1	89.52	0.0117	ND	0.49
Arochlor 1221	1	89.52	0.0214	ND	0.49
Arochlor 1232	1	89.52	0.0146	ND	0.49
Arochlor 1242	1	89.52	0.0167	ND	0.49
Arochlor 1248	1	89.52	0.0067	ND	0.49
Arochlor 1254	1	89.52	0.0042	ND	0.49
Arochlor 1260	1	89.52	0.0037	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	3576.14 5/18/98 5/20/98 6/13/98
Analysis:	SW-846 Method 8081	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-73

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	88.54	0.0003	ND	NLE
beta-BHC	1	88.54	0.0003	ND	NLE
gamma-BHC	1	88.54	0.0004	ND	0.52
delta-BHC	1	88.54	0.0004	ND	NLE
Heptachlor	1	88.54	0.0003	ND	0.15
Aldrin	1	88.54	0.0004	ND	0.04
Heptachlor Epoxide	1	88.54	0.0006	ND	NLE
Endosulfan I	1	88.54	0.0005	ND	NLE
4,4'-DDE	1	88.54	0.0004	0.005	2
Dieldrin	1	88.54	0.0005	ND	0.042
Endrin	1	88.54	0.0005	ND	17
Endosulfan II	1	88.54	0.0004	ND	NLE
4,4'-DDD	1	88.54	0.0006	ND	3
Endrin Aldehyde	1	88.54	0.0005	ND	NLE
4,4'-DDT	1	88.54	0.0012	0.005	2
Endosulfan-Sulfate	1	88.54	0.0004	ND	NLE
gamma -Chlordane	1	88.54	0.0005	ND	NLE
alpha-Chlordane	1	88.54	0.0005	ND	NLE
Toxaphene	1	88.54	0.0191	ND	0.1
Arochlor 1016	1	88.54	0.0117	ND	0.49
Arochlor 1221	1	88.54	0.0216	ND	0.49
Arochlor 1232	1	88.54	0.0147	ND	0.49
Arochlor 1242	1	88.54	0.0167	ND	0.49
Arochlor 1248	1	88.54	0.0067	ND	0.49
Arochlor 1254	1	88.54	0.0042	ND	0.49
Arochlor 1260	1	88.54	0.0038	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3580.02
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/19/98
	Bldg. 173	**Extraction Date:**	5/20/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/14/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-74

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	88.05	0.0003	ND	NLE
beta-BHC	1	88.05	0.0003	ND	NLE
gamma-BHC	1	88.05	0.0004	ND	0.52
delta-BHC	1	88.05	0.0004	ND	NLE
Heptachlor	1	88.05	0.0003	ND	0.15
Aldrin	1	88.05	0.0004	ND	0.04
Heptachlor Epoxide	1	88.05	0.0006	ND	NLE
Endosulfan I	1	88.05	0.0005	ND	NLE
4,4'-DDE	1	88.05	0.0004	0.009	2
Dieldrin	1	88.05	0.0005	ND	0.042
Endrin	1	88.05	0.0005	ND	17
Endosulfan II	1	88.05	0.0004	ND	NLE
4,4'-DDD	1	88.05	0.0006	ND	3
Endrin Aldehyde	1	88.05	0.0005	ND	NLE
4,4'-DDT	1	88.05	0.0012	0.010	2
Endosulfan-Sulfate	1	88.05	0.0004	ND	NLE
gamma -Chlordane	1	88.05	0.0005	ND	NLE
alpha-Chlordane	1	88.05	0.0005	ND	NLE
Toxaphene	1	88.05	0.0003	ND	0.1
Arochlor 1016	1	88.05	0.0120	ND	0.49
Arochlor 1221	1	88.05	0.0220	ND	0.49
Arochlor 1232	1	88.05	0.0150	ND	0.49
Arochlor 1242	1	88.05	0.0171	ND	0.49
Arochlor 1248	1	88.05	0.0068	ND	0.49
Arochlor 1254	1	88.05	0.0043	ND	0.49
Arochlor 1260	1	88.05	0.0038	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3580.05
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/19/98
	Bldg. 173	**Extraction Date:**	5/20/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/14/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-75

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	93.15	0.0003	ND	NLE
beta-BHC	1	93.15	0.0003	ND	NLE
gamma-BHC	1	93.15	0.0004	ND	0.52
delta-BHC	1	93.15	0.0004	ND	NLE
Heptachlor	1	93.15	0.0003	ND	0.15
Aldrin	1	93.15	0.0004	ND	0.04
Heptachlor Epoxide	1	93.15	0.0006	ND	NLE
Endosulfan I	1	93.15	0.0005	ND	NLE
4,4'-DDE	1	93.15	0.0004	ND	2
Dieldrin	1	93.15	0.0005	ND	0.042
Endrin	1	93.15	0.0005	ND	17
Endosulfan II	1	93.15	0.0004	ND	NLE
4,4'-DDD	1	93.15	0.0006	ND	3
Endrin Aldehyde	1	93.15	0.0005	ND	NLE
4,4'-DDT	1	93.15	0.0011	ND	2
Endosulfan-Sulfate	1	93.15	0.0004	ND	NLE
gamma -Chlordane	1	93.15	0.0005	ND	NLE
alpha-Chlordane	1	93.15	0.0005	ND	NLE
Toxaphene	1	93.15	0.0003	ND	0.1
Arochlor 1016	1	93.15	0.0115	ND	0.49
Arochlor 1221	1	93.15	0.0212	ND	0.49
Arochlor 1232	1	93.15	0.0144	ND	0.49
Arochlor 1242	1	93.15	0.0165	ND	0.49
Arochlor 1248	1	93.15	0.0066	ND	0.49
Arochlor 1254	1	93.15	0.0041	ND	0.49
Arochlor 1260	1	93.15	0.0037	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3580.08
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/19/98
	Bldg. 173	**Extraction Date:**	5/20/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/14/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-76

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	91.67	0.0003	ND	NLE
beta-BHC	1	91.67	0.0003	ND	NLE
gamma-BHC	1	91.67	0.0004	ND	0.52
delta-BHC	1	91.67	0.0004	ND	NLE
Heptachlor	1	91.67	0.0003	ND	0.15
Aldrin	1	91.67	0.0004	ND	0.04
Heptachlor Epoxide	1	91.67	0.0006	ND	NLE
Endosulfan I	1	91.67	0.0005	ND	NLE
4,4'-DDE	1	91.67	0.0004	ND	2
Dieldrin	1	91.67	0.0005	ND	0.042
Endrin	1	91.67	0.0005	ND	17
Endosulfan II	1	91.67	0.0004	ND	NLE
4,4'-DDD	1	91.67	0.0006	ND	3
Endrin Aldehyde	1	91.67	0.0005	ND	NLE
4,4'-DDT	1	91.67	0.0012	ND	2
Endosulfan-Sulfate	1	91.67	0.0004	ND	NLE
gamma -Chlordane	1	91.67	0.0005	ND	NLE
alpha-Chlordane	1	91.67	0.0005	ND	NLE
Toxaphene	1	91.67	0.0003	ND	0.1
Arochlor 1016	1	91.67	0.0117	ND	0.49
Arochlor 1221	1	91.67	0.0216	ND	0.49
Arochlor 1232	1	91.67	0.0147	ND	0.49
Arochlor 1242	1	91.67	0.0168	ND	0.49
Arochlor 1248	1	91.67	0.0067	ND	0.49
Arochlor 1254	1	91.67	0.0042	ND	0.49
Arochlor 1260	1	91.67	0.0038	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3580.11
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/19/98
	Bldg. 173	**Extraction Date:**	5/20/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/14/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-77

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	87.91	0.0003	ND	NLE
beta-BHC	1	87.91	0.0003	ND	NLE
gamma-BHC	1	87.91	0.0005	ND	0.52
delta-BHC	1	87.91	0.0005	ND	NLE
Heptachlor	1	87.91	0.0003	ND	0.15
Aldrin	1	87.91	0.0005	ND	0.04
Heptachlor Epoxide	1	87.91	0.0007	ND	NLE
Endosulfan I	1	87.91	0.0006	ND	NLE
4,4'-DDE	1	87.91	0.0005	ND	2
Dieldrin	1	87.91	0.0006	ND	0.042
Endrin	1	87.91	0.0006	ND	17
Endosulfan II	1	87.91	0.0005	ND	NLE
4,4'-DDD	1	87.91	0.0007	ND	3
Endrin Aldehyde	1	87.91	0.0006	ND	NLE
4,4'-DDT	1	87.91	0.0013	ND	2
Endosulfan-Sulfate	1	87.91	0.0005	ND	NLE
gamma -Chlordane	1	87.91	0.0006	ND	NLE
alpha-Chlordane	1	87.91	0.0006	ND	NLE
Toxaphene	1	87.91	0.0003	ND	0.1
Arochlor 1016	1	87.91	0.0128	ND	0.49
Arochlor 1221	1	87.91	0.0236	ND	0.49
Arochlor 1232	1	87.91	0.0160	ND	0.49
Arochlor 1242	1	87.91	0.0183	ND	0.49
Arochlor 1248	1	87.91	0.0073	ND	0.49
Arochlor 1254	1	87.91	0.0046	ND	0.49
Arochlor 1260	1	87.91	0.0041	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3580.14
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/19/98
	Bldg. 173	**Extraction Date:**	5/21/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/14/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-78

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	93.24	0.0003	ND	NLE
beta-BHC	1	93.24	0.0003	ND	NLE
gamma-BHC	1	93.24	0.0004	ND	0.52
delta-BHC	1	93.24	0.0004	ND	NLE
Heptachlor	1	93.24	0.0003	ND	0.15
Aldrin	1	93.24	0.0004	ND	0.04
Heptachlor Epoxide	1	93.24	0.0006	ND	NLE
Endosulfan I	1	93.24	0.0005	ND	NLE
4,4'-DDE	1	93.24	0.0004	0.010	2
Dieldrin	1	93.24	0.0005	ND	0.042
Endrin	1	93.24	0.0005	ND	17
Endosulfan II	1	93.24	0.0004	ND	NLE
4,4'-DDD	1	93.24	0.0006	ND	3
Endrin Aldehyde	1	93.24	0.0005	ND	NLE
4,4'-DDT	1	93.24	0.0011	0.007	2
Endosulfan-Sulfate	1	93.24	0.0004	ND	NLE
gamma -Chlordane	1	93.24	0.0005	ND	NLE
alpha-Chlordane	1	93.24	0.0005	ND	NLE
Toxaphene	1	93.24	0.0003	ND	0.1
Arochlor 1016	1	93.24	0.0117	ND	0.49
Arochlor 1221	1	93.24	0.0215	ND	0.49
Arochlor 1232	1	93.24	0.0146	ND	0.49
Arochlor 1242	1	93.24	0.0167	ND	0.49
Arochlor 1248	1	93.24	0.0067	ND	0.49
Arochlor 1254	1	93.24	0.0042	ND	0.49
Arochlor 1260	1	93.24	0.0038	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3580.18
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/19/98
	Bldg. 173	**Extraction Date:**	5/21/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/14/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-79

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	86.81	0.0003	ND	NLE
beta-BHC	1	86.81	0.0003	ND	NLE
gamma-BHC	1	86.81	0.0004	ND	0.52
delta-BHC	1	86.81	0.0004	ND	NLE
Heptachlor	1	86.81	0.0003	ND	0.15
Aldrin	1	86.81	0.0004	ND	0.04
Heptachlor Epoxide	1	86.81	0.0007	ND	NLE
Endosulfan I	1	86.81	0.0005	ND	NLE
4,4'-DDE	1	86.81	0.0004	0.002	2
Dieldrin	1	86.81	0.0005	ND	0.042
Endrin	1	86.81	0.0005	ND	17
Endosulfan II	1	86.81	0.0004	ND	NLE
4,4'-DDD	1	86.81	0.0007	ND	3
Endrin Aldehyde	1	86.81	0.0005	ND	NLE
4,4'-DDT	1	86.81	0.0012	0.002	2
Endosulfan-Sulfate	1	86.81	0.0004	ND	NLE
gamma -Chlordane	1	86.81	0.0005	ND	NLE
alpha-Chlordane	1	86.81	0.0005	ND	NLE
Toxaphene	1	86.81	0.0003	ND	0.1
Arochlor 1016	1	86.81	0.0122	ND	0.49
Arochlor 1221	1	86.81	0.0224	ND	0.49
Arochlor 1232	1	86.81	0.0152	ND	0.49
Arochlor 1242	1	86.81	0.0174	ND	0.49
Arochlor 1248	1	86.81	0.0070	ND	0.49
Arochlor 1254	1	86.81	0.0043	ND	0.49
Arochlor 1260	1	86.81	0.0039	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3580.22
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/19/98
	Bldg. 173	**Extraction Date:**	5/21/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/14/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-80

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	87.96	0.0003	ND	NLE
beta-BHC	1	87.96	0.0003	ND	NLE
gamma-BHC	1	87.96	0.0004	ND	0.52
delta-BHC	1	87.96	0.0004	ND	NLE
Heptachlor	1	87.96	0.0003	ND	0.15
Aldrin	1	87.96	0.0004	ND	0.04
Heptachlor Epoxide	1	87.96	0.0006	ND	NLE
Endosulfan I	1	87.96	0.0005	ND	NLE
4,4'-DDE	1	87.96	0.0004	0.005	2
Dieldrin	1	87.96	0.0005	ND	0.042
Endrin	1	87.96	0.0005	ND	17
Endosulfan II	1	87.96	0.0004	ND	NLE
4,4'-DDD	1	87.96	0.0006	ND	3
Endrin Aldehyde	1	87.96	0.0005	ND	NLE
4,4'-DDT	1	87.96	0.0012	0.006	2
Endosulfan-Sulfate	1	87.96	0.0004	ND	NLE
gamma -Chlordane	1	87.96	0.0005	ND	NLE
alpha-Chlordane	1	87.96	0.0005	ND	NLE
Toxaphene	1	87.96	0.0003	ND	0.1
Arochlor 1016	1	87.96	0.0119	ND	0.49
Arochlor 1221	1	87.96	0.0219	ND	0.49
Arochlor 1232	1	87.96	0.0149	ND	0.49
Arochlor 1242	1	87.96	0.0170	ND	0.49
Arochlor 1248	1	87.96	0.0068	ND	0.49
Arochlor 1254	1	87.96	0.0042	ND	0.49
Arochlor 1260	1	87.96	0.0038	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3580.26
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/19/98
	Bldg. 173	**Extraction Date:**	5/21/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/14/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-81

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	92.49	0.0003	ND	NLE
beta-BHC	1	92.49	0.0003	ND	NLE
gamma-BHC	1	92.49	0.0004	ND	0.52
delta-BHC	1	92.49	0.0004	ND	NLE
Heptachlor	1	92.49	0.0003	ND	0.15
Aldrin	1	92.49	0.0004	ND	0.04
Heptachlor Epoxide	1	92.49	0.0006	ND	NLE
Endosulfan I	1	92.49	0.0005	ND	NLE
4,4'-DDE	1	92.49	0.0004	ND	2
Dieldrin	1	92.49	0.0005	ND	0.042
Endrin	1	92.49	0.0005	ND	17
Endosulfan II	1	92.49	0.0004	ND	NLE
4,4'-DDD	1	92.49	0.0006	ND	3
Endrin Aldehyde	1	92.49	0.0005	ND	NLE
4,4'-DDT	1	92.49	0.0012	ND	2
Endosulfan-Sulfate	1	92.49	0.0004	ND	NLE
gamma -Chlordane	1	92.49	0.0005	ND	NLE
alpha-Chlordane	1	92.49	0.0005	ND	NLE
Toxaphene	1	92.49	0.0003	ND	0.1
Arochlor 1016	1	92.49	0.0119	ND	0.49
Arochlor 1221	1	92.49	0.0218	ND	0.49
Arochlor 1232	1	92.49	0.0148	ND	0.49
Arochlor 1242	1	92.49	0.0169	ND	0.49
Arochlor 1248	1	92.49	0.0068	ND	0.49
Arochlor 1254	1	92.49	0.0042	ND	0.49
Arochlor 1260	1	92.49	0.0038	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3580.30
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/19/98
	Bldg. 173	**Extraction Date:**	5/21/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/14/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-82

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	93.45	0.0003	ND	NLE
beta-BHC	1	93.45	0.0003	ND	NLE
gamma-BHC	1	93.45	0.0004	ND	0.52
delta-BHC	1	93.45	0.0004	ND	NLE
Heptachlor	1	93.45	0.0003	ND	0.15
Aldrin	1	93.45	0.0004	ND	0.04
Heptachlor Epoxide	1	93.45	0.0006	ND	NLE
Endosulfan I	1	93.45	0.0005	ND	NLE
4,4'-DDE	1	93.45	0.0004	0.001	2
Dieldrin	1	93.45	0.0005	ND	0.042
Endrin	1	93.45	0.0005	ND	17
Endosulfan II	1	93.45	0.0004	ND	NLE
4,4'-DDD	1	93.45	0.0006	ND	3
Endrin Aldehyde	1	93.45	0.0005	ND	NLE
4,4'-DDT	1	93.45	0.0011	ND	2
Endosulfan-Sulfate	1	93.45	0.0004	ND	NLE
gamma -Chlordane	1	93.45	0.0005	ND	NLE
alpha-Chlordane	1	93.45	0.0005	ND	NLE
Toxaphene	1	93.45	0.0003	ND	0.1
Arochlor 1016	1	93.45	0.0117	ND	0.49
Arochlor 1221	1	93.45	0.0215	ND	0.49
Arochlor 1232	1	93.45	0.0146	ND	0.49
Arochlor 1242	1	93.45	0.0167	ND	0.49
Arochlor 1248	1	93.45	0.0067	ND	0.49
Arochlor 1254	1	93.45	0.0042	ND	0.49
Arochlor 1260	1	93.45	0.0038	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3580.34
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/19/98
	Bldg. 173	**Extraction Date:**	5/21/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/14/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-83

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	92.54	0.0003	ND	NLE
beta-BHC	1	92.54	0.0003	ND	NLE
gamma-BHC	1	92.54	0.0004	ND	0.52
delta-BHC	1	92.54	0.0004	ND	NLE
Heptachlor	1	92.54	0.0003	ND	0.15
Aldrin	1	92.54	0.0004	ND	0.04
Heptachlor Epoxide	1	92.54	0.0006	ND	NLE
Endosulfan I	1	92.54	0.0005	ND	NLE
4,4'-DDE	1	92.54	0.0004	0.018	2
Dieldrin	1	92.54	0.0005	ND	0.042
Endrin	1	92.54	0.0005	ND	17
Endosulfan II	1	92.54	0.0004	ND	NLE
4,4'-DDD	1	92.54	0.0006	ND	3
Endrin Aldehyde	1	92.54	0.0005	ND	NLE
4,4'-DDT	1	92.54	0.0012	0.028	2
Endosulfan-Sulfate	1	92.54	0.0004	ND	NLE
gamma -Chlordane	1	92.54	0.0005	ND	NLE
alpha-Chlordane	1	92.54	0.0005	ND	NLE
Toxaphene	1	92.54	0.0003	ND	0.1
Arochlor 1016	1	92.54	0.0118	ND	0.49
Arochlor 1221	1	92.54	0.0218	ND	0.49
Arochlor 1232	1	92.54	0.0148	ND	0.49
Arochlor 1242	1	92.54	0.0169	ND	0.49
Arochlor 1248	1	92.54	0.0068	ND	0.49
Arochlor 1254	1	92.54	0.0042	ND	0.49
Arochlor 1260	1	92.54	0.0038	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	3584.02 5/21/98 5/21/98 6/14/98
Analysis:	SW-846 Method 8081	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-84

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	91.30	0.0003	ND	NLE
beta-BHC	1	91.30	0.0003	ND	NLE
gamma-BHC	1	91.30	0.0004	ND	0.52
delta-BHC	1	91.30	0.0004	ND	NLE
Heptachlor	1	91.30	0.0003	ND	0.15
Aldrin	1	91.30	0.0004	ND	0.04
Heptachlor Epoxide	1	91.30	0.0006	ND	NLE
Endosulfan I	1	91.30	0.0005	ND	NLE
4,4'-DDE	10	91.30	0.0042	0.208	2
Dieldrin	1	91.30	0.0005	ND	0.042
Endrin	1	91.30	0.0005	ND	17
Endosulfan II	1	91.30	0.0004	ND	NLE
4,4'-DDD	1	91.30	0.0006	ND	3
Endrin Aldehyde	1	91.30	0.0005	ND	NLE
4,4'-DDT	10	91.30	0.0115	0.803	2
Endosulfan-Sulfate	1	91.30	0.0004	ND	NLE
gamma -Chlordane	1	91.30	0.0005	ND	NLE
alpha-Chlordane	1	91.30	0.0005	ND	NLE
Toxaphene	1	91.30	0.0190	ND	0.1
Arochlor 1016	1	91.30	0.0117	ND	0.49
Arochlor 1221	1	91.30	0.0215	ND	0.49
Arochlor 1232	1	91.30	0.0146	ND	0.49
Arochlor 1242	1	91.30	0.0167	ND	0.49
Arochlor 1248	1	91.30	0.0067	ND	0.49
Arochlor 1254	1	91.30	0.0042	ND	0.49
Arochlor 1260	1	91.30	0.0038	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3584.06
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/21/98
	Bldg. 173	**Extraction Date:**	5/21/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/14/98
Analysis:	SW-846 Method 8081	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-85

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	91.95	0.0003	ND	NLE
beta-BHC	1	91.95	0.0003	ND	NLE
gamma-BHC	1	91.95	0.0004	ND	0.52
delta-BHC	1	91.95	0.0004	ND	NLE
Heptachlor	1	91.95	0.0003	ND	0.15
Aldrin	1	91.95	0.0004	ND	0.04
Heptachlor Epoxide	1	91.95	0.0006	ND	NLE
Endosulfan I	1	91.95	0.0005	ND	NLE
4,4'-DDE	1	91.95	0.0004	ND	2
Dieldrin	1	91.95	0.0005	ND	0.042
Endrin	1	91.95	0.0005	ND	17
Endosulfan II	1	91.95	0.0004	ND	NLE
4,4'-DDD	1	91.95	0.0006	ND	3
Endrin Aldehyde	1	91.95	0.0005	ND	NLE
4,4'-DDT	1	91.95	0.0012	ND	2
Endosulfan-Sulfate	1	91.95	0.0004	ND	NLE
gamma -Chlordane	1	91.95	0.0005	ND	NLE
alpha-Chlordane	1	91.95	0.0005	ND	NLE
Toxaphene	1	91.95	0.0190	ND	0.1
Arochlor 1016	1	91.95	0.0117	ND	0.49
Arochlor 1221	1	91.95	0.0215	ND	0.49
Arochlor 1232	1	91.95	0.0146	ND	0.49
Arochlor 1242	1	91.95	0.0167	ND	0.49
Arochlor 1248	1	91.95	0.0067	ND	0.49
Arochlor 1254	1	91.95	0.0042	ND	0.49
Arochlor 1260	1	91.95	0.0038	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	3584.10 5/21/98 5/21/98 6/14/98
Analysis: **Matrix:** **Analyst:**	SW-846 Method 8081 Soil D. Wright	**Location :** **Field ID:**	M-5 B-86

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	90.74	0.0003	ND	NLE
beta-BHC	1	90.74	0.0003	ND	NLE
gamma-BHC	1	90.74	0.0004	ND	0.52
delta-BHC	1	90.74	0.0004	ND	NLE
Heptachlor	1	90.74	0.0003	ND	0.15
Aldrin	1	90.74	0.0004	ND	0.04
Heptachlor Epoxide	1	90.74	0.0006	ND	NLE
Endosulfan I	1	90.74	0.0005	ND	NLE
4,4'-DDE	1	90.74	0.0004	0.002	2
Dieldrin	1	90.74	0.0005	ND	0.042
Endrin	1	90.74	0.0005	ND	17
Endosulfan II	1	90.74	0.0004	ND	NLE
4,4'-DDD	1	90.74	0.0006	ND	3
Endrin Aldehyde	1	90.74	0.0005	ND	NLE
4,4'-DDT	1	90.74	0.0012	ND	2
Endosulfan-Sulfate	1	90.74	0.0004	ND	NLE
gamma -Chlordane	1	90.74	0.0005	ND	NLE
alpha-Chlordane	1	90.74	0.0005	ND	NLE
Toxaphene	1	90.74	0.0195	ND	0.1
Arochlor 1016	1	90.74	0.0120	ND	0.49
Arochlor 1221	1	90.74	0.0221	ND	0.49
Arochlor 1232	1	90.74	0.0150	ND	0.49
Arochlor 1242	1	90.74	0.0172	ND	0.49
Arochlor 1248	1	90.74	0.0069	ND	0.49
Arochlor 1254	1	90.74	0.0043	ND	0.49
Arochlor 1260	1	90.74	0.0039	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	3584.14 5/21/98 5/21/98 6/14/98
Analysis: **Matrix:** **Analyst:**	SW-846 Method 8081 Soil D. Wright	**Location :** **Field ID:**	M-5 B-87

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	91.83	0.0003	ND	NLE
beta-BHC	1	91.83	0.0003	ND	NLE
gamma-BHC	1	91.83	0.0004	ND	0.52
delta-BHC	1	91.83	0.0004	ND	NLE
Heptachlor	1	91.83	0.0003	ND	0.15
Aldrin	1	91.83	0.0004	ND	0.04
Heptachlor Epoxide	1	91.83	0.0006	ND	NLE
Endosulfan I	1	91.83	0.0005	ND	NLE
4,4'-DDE	1	91.83	0.0004	0.007	2
Dieldrin	1	91.83	0.0005	ND	0.042
Endrin	1	91.83	0.0005	ND	17
Endosulfan II	1	91.83	0.0004	ND	NLE
4,4'-DDD	1	91.83	0.0006	ND	3
Endrin Aldehyde	1	91.83	0.0005	ND	NLE
4,4'-DDT	1	91.83	0.0011	0.003	2
Endosulfan-Sulfate	1	91.83	0.0004	ND	NLE
gamma -Chlordane	1	91.83	0.0005	ND	NLE
alpha-Chlordane	1	91.83	0.0005	ND	NLE
Toxaphene	1	91.83	0.0188	ND	0.1
Arochlor 1016	1	91.83	0.0116	ND	0.49
Arochlor 1221	1	91.83	0.0213	ND	0.49
Arochlor 1232	1	91.83	0.0145	ND	0.49
Arochlor 1242	1	91.83	0.0165	ND	0.49
Arochlor 1248	1	91.83	0.0066	ND	0.49
Arochlor 1254	1	91.83	0.0041	ND	0.49
Arochlor 1260	1	91.83	0.0037	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	3584.18 5/21/98 5/21/98 6/14/98
Analysis:	SW-846 Method 8081	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-88

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	85.49	0.0003	ND	NLE
beta-BHC	1	85.49	0.0003	ND	NLE
gamma-BHC	1	85.49	0.0005	ND	0.52
delta-BHC	1	85.49	0.0005	ND	NLE
Heptachlor	1	85.49	0.0003	ND	0.15
Aldrin	1	85.49	0.0005	ND	0.04
Heptachlor Epoxide	1	85.49	0.0007	ND	NLE
Endosulfan I	1	85.49	0.0006	ND	NLE
4,4'-DDE	1	85.49	0.0005	ND	2
Dieldrin	1	85.49	0.0006	ND	0.042
Endrin	1	85.49	0.0006	ND	17
Endosulfan II	1	85.49	0.0005	ND	NLE
4,4'-DDD	1	85.49	0.0007	ND	3
Endrin Aldehyde	1	85.49	0.0006	ND	NLE
4,4'-DDT	1	85.49	0.0013	ND	2
Endosulfan-Sulfate	1	85.49	0.0005	ND	NLE
gamma -Chlordane	1	85.49	0.0006	ND	NLE
alpha-Chlordane	1	85.49	0.0006	ND	NLE
Toxaphene	1	85.49	0.0210	ND	0.1
Arochlor 1016	1	85.49	0.0129	ND	0.49
Arochlor 1221	1	85.49	0.0238	ND	0.49
Arochlor 1232	1	85.49	0.0162	ND	0.49
Arochlor 1242	1	85.49	0.0185	ND	0.49
Arochlor 1248	1	85.49	0.0074	ND	0.49
Arochlor 1254	1	85.49	0.0046	ND	0.49
Arochlor 1260	1	85.49	0.0042	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	3584.22 5/21/98 5/21/98 6/14/98
Analysis: **Matrix:** **Analyst:**	SW-846 Method 8081 Soil D. Wright	**Location :** **Field ID:**	M-5 B-89

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	82.36	0.0003	ND	NLE
beta-BHC	1	82.36	0.0003	ND	NLE
gamma-BHC	1	82.36	0.0004	ND	0.52
delta-BHC	1	82.36	0.0004	ND	NLE
Heptachlor	1	82.36	0.0003	ND	0.15
Aldrin	1	82.36	0.0004	ND	0.04
Heptachlor Epoxide	1	82.36	0.0007	ND	NLE
Endosulfan I	1	82.36	0.0006	ND	NLE
4,4'-DDE	1	82.36	0.0004	0.006	2
Dieldrin	1	82.36	0.0006	ND	0.042
Endrin	1	82.36	0.0006	ND	17
Endosulfan II	1	82.36	0.0004	ND	NLE
4,4'-DDD	1	82.36	0.0007	ND	3
Endrin Aldehyde	1	82.36	0.0006	ND	NLE
4,4'-DDT	1	82.36	0.0012	0.003	2
Endosulfan-Sulfate	1	82.36	0.0004	ND	NLE
gamma -Chlordane	1	82.36	0.0006	ND	NLE
alpha-Chlordane	1	82.36	0.0006	ND	NLE
Toxaphene	1	82.36	0.0205	ND	0.1
Arochlor 1016	1	82.36	0.0126	ND	0.49
Arochlor 1221	1	82.36	0.0232	ND	0.49
Arochlor 1232	1	82.36	0.0157	ND	0.49
Arochlor 1242	1	82.36	0.0180	ND	0.49
Arochlor 1248	1	82.36	0.0072	ND	0.49
Arochlor 1254	1	82.36	0.0045	ND	0.49
Arochlor 1260	1	82.36	0.0040	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	3584.26 5/21/98 5/21/98 6/14/98
Analysis: **Matrix:** **Analyst:**	SW-846 Method 8081 Soil D. Wright	**Location :** **Field ID:**	M-5 B-90

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	86.28	0.0003	ND	NLE
beta-BHC	1	86.28	0.0003	ND	NLE
gamma-BHC	1	86.28	0.0004	ND	0.52
delta-BHC	1	86.28	0.0004	ND	NLE
Heptachlor	1	86.28	0.0003	ND	0.15
Aldrin	1	86.28	0.0004	ND	0.04
Heptachlor Epoxide	1	86.28	0.0006	ND	NLE
Endosulfan I	1	86.28	0.0005	ND	NLE
4,4'-DDE	1	86.28	0.0004	0.001	2
Dieldrin	1	86.28	0.0005	ND	0.042
Endrin	1	86.28	0.0005	ND	17
Endosulfan II	1	86.28	0.0004	ND	NLE
4,4'-DDD	1	86.28	0.0006	ND	3
Endrin Aldehyde	1	86.28	0.0005	ND	NLE
4,4'-DDT	1	86.28	0.0012	0.002	2
Endosulfan-Sulfate	1	86.28	0.0004	ND	NLE
gamma -Chlordane	1	86.28	0.0005	ND	NLE
alpha-Chlordane	1	86.28	0.0005	ND	NLE
Toxaphene	1	86.28	0.0197	ND	0.1
Arochlor 1016	1	86.28	0.0121	ND	0.49
Arochlor 1221	1	86.28	0.0223	ND	0.49
Arochlor 1232	1	86.28	0.0151	ND	0.49
Arochlor 1242	1	86.28	0.0173	ND	0.49
Arochlor 1248	1	86.28	0.0069	ND	0.49
Arochlor 1254	1	86.28	0.0043	ND	0.49
Arochlor 1260	1	86.28	0.0039	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	3584.30 5/21/98 5/21/98 6/14/98
Analysis: **Matrix:** **Analyst:**	SW-846 Method 8081 Soil D. Wright	**Location :** **Field ID:**	M-5 B-91

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	92.03	0.0003	ND	NLE
beta-BHC	1	92.03	0.0003	ND	NLE
gamma-BHC	1	92.03	0.0004	ND	0.52
delta-BHC	1	92.03	0.0004	ND	NLE
Heptachlor	1	92.03	0.0003	ND	0.15
Aldrin	1	92.03	0.0004	ND	0.04
Heptachlor Epoxide	1	92.03	0.0006	ND	NLE
Endosulfan I	1	92.03	0.0005	ND	NLE
4,4'-DDE	1	92.03	0.0004	0.002	2
Dieldrin	1	92.03	0.0005	ND	0.042
Endrin	1	92.03	0.0005	ND	17
Endosulfan II	1	92.03	0.0004	ND	NLE
4,4'-DDD	1	92.03	0.0006	ND	3
Endrin Aldehyde	1	92.03	0.0005	ND	NLE
4,4'-DDT	1	92.03	0.0012	0.002	2
Endosulfan-Sulfate	1	92.03	0.0004	ND	NLE
gamma -Chlordane	1	92.03	0.0005	ND	NLE
alpha-Chlordane	1	92.03	0.0005	ND	NLE
Toxaphene	1	92.03	0.0192	ND	0.1
Arochlor 1016	1	92.03	0.0118	ND	0.49
Arochlor 1221	1	92.03	0.0218	ND	0.49
Arochlor 1232	1	92.03	0.0148	ND	0.49
Arochlor 1242	1	92.03	0.0169	ND	0.49
Arochlor 1248	1	92.03	0.0068	ND	0.49
Arochlor 1254	1	92.03	0.0042	ND	0.49
Arochlor 1260	1	92.03	0.0038	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	3584.34 5/21/98 5/21/98 6/14/98
Analysis: **Matrix:** **Analyst:**	SW-846 Method 8081 Soil D. Wright	**Location :** **Field ID:**	M-5 B-92

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	91.59	0.0003	ND	NLE
beta-BHC	1	91.59	0.0003	ND	NLE
gamma-BHC	1	91.59	0.0004	ND	0.52
delta-BHC	1	91.59	0.0004	ND	NLE
Heptachlor	1	91.59	0.0003	ND	0.15
Aldrin	1	91.59	0.0004	ND	0.04
Heptachlor Epoxide	1	91.59	0.0006	ND	NLE
Endosulfan I	1	91.59	0.0005	ND	NLE
4,4'-DDE	1	91.59	0.0004	ND	2
Dieldrin	1	91.59	0.0005	ND	0.042
Endrin	1	91.59	0.0005	ND	17
Endosulfan II	1	91.59	0.0004	ND	NLE
4,4'-DDD	1	91.59	0.0006	ND	3
Endrin Aldehyde	1	91.59	0.0005	ND	NLE
4,4'-DDT	1	91.59	0.0012	ND	2
Endosulfan-Sulfate	1	91.59	0.0004	ND	NLE
gamma -Chlordane	1	91.59	0.0005	ND	NLE
alpha-Chlordane	1	91.59	0.0005	ND	NLE
Toxaphene	1	91.59	0.0190	ND	0.1
Arochlor 1016	1	91.59	0.0117	ND	0.49
Arochlor 1221	1	91.59	0.0215	ND	0.49
Arochlor 1232	1	91.59	0.0146	ND	0.49
Arochlor 1242	1	91.59	0.0167	ND	0.49
Arochlor 1248	1	91.59	0.0067	ND	0.49
Arochlor 1254	1	91.59	0.0042	ND	0.49
Arochlor 1260	1	91.59	0.0038	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3588.02
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/22/98
	Bldg. 173	**Extraction Date:**	5/22/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/20/98
Analysis:	SW-846 Method 8081	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-93

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	87.94	0.0003	ND	NLE
beta-BHC	1	87.94	0.0003	ND	NLE
gamma-BHC	1	87.94	0.0004	ND	0.52
delta-BHC	1	87.94	0.0004	ND	NLE
Heptachlor	1	87.94	0.0003	ND	0.15
Aldrin	1	87.94	0.0004	ND	0.04
Heptachlor Epoxide	1	87.94	0.0006	ND	NLE
Endosulfan I	1	87.94	0.0005	ND	NLE
4,4'-DDE	1	87.94	0.0004	0.008	2
Dieldrin	1	87.94	0.0005	ND	0.042
Endrin	1	87.94	0.0005	ND	17
Endosulfan II	1	87.94	0.0004	ND	NLE
4,4'-DDD	1	87.94	0.0006	0.004	3
Endrin Aldehyde	1	87.94	0.0005	ND	NLE
4,4'-DDT	1	87.94	0.0011	0.032	2
Endosulfan-Sulfate	1	87.94	0.0004	ND	NLE
gamma -Chlordane	1	87.94	0.0005	ND	NLE
alpha-Chlordane	1	87.94	0.0005	ND	NLE
Toxaphene	1	87.94	0.0189	ND	0.1
Arochlor 1016	1	87.94	0.0116	ND	0.49
Arochlor 1221	1	87.94	0.0214	ND	0.49
Arochlor 1232	1	87.94	0.0146	ND	0.49
Arochlor 1242	1	87.94	0.0166	ND	0.49
Arochlor 1248	1	87.94	0.0067	ND	0.49
Arochlor 1254	1	87.94	0.0042	ND	0.49
Arochlor 1260	1	87.94	0.0037	ND	0.49

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	3588.06 5/22/98 5/22/98 6/20/98
Analysis:	SW-846 Method 8081	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-94

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	91.55	0.0003	ND	NLE
beta-BHC	1	91.55	0.0003	ND	NLE
gamma-BHC	1	91.55	0.0004	ND	0.52
delta-BHC	1	91.55	0.0004	ND	NLE
Heptachlor	1	91.55	0.0003	ND	0.15
Aldrin	1	91.55	0.0004	ND	0.04
Heptachlor Epoxide	1	91.55	0.0006	ND	NLE
Endosulfan I	1	91.55	0.0005	ND	NLE
4,4'-DDE	1	91.55	0.0004	0.002	2
Dieldrin	1	91.55	0.0005	ND	0.042
Endrin	1	91.55	0.0005	ND	17
Endosulfan II	1	91.55	0.0004	ND	NLE
4,4'-DDD	1	91.55	0.0006	ND	3
Endrin Aldehyde	1	91.55	0.0005	ND	NLE
4,4'-DDT	1	91.55	0.0012	0.004	2
Endosulfan-Sulfate	1	91.55	0.0004	ND	NLE
gamma -Chlordane	1	91.55	0.0005	ND	NLE
alpha-Chlordane	1	91.55	0.0005	ND	NLE
Toxaphene	1	91.55	0.0191	ND	0.1
Arochlor 1016	1	91.55	0.0117	ND	0.49
Arochlor 1221	1	91.55	0.0216	ND	0.49
Arochlor 1232	1	91.55	0.0147	ND	0.49
Arochlor 1242	1	91.55	0.0168	ND	0.49
Arochlor 1248	1	91.55	0.0067	ND	0.49
Arochlor 1254	1	91.55	0.0042	ND	0.49
Arochlor 1260	1	91.55	0.0038	ND	0.49

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	3588.10 5/22/98 5/22/98 6/20/98
Analysis:	SW-846 Method 8081	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-95

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	88.71	0.0003	ND	NLE
beta-BHC	1	88.71	0.0003	ND	NLE
gamma-BHC	1	88.71	0.0004	ND	0.52
delta-BHC	1	88.71	0.0004	ND	NLE
Heptachlor	1	88.71	0.0003	ND	0.15
Aldrin	1	88.71	0.0004	ND	0.04
Heptachlor Epoxide	1	88.71	0.0006	ND	NLE
Endosulfan I	1	88.71	0.0005	ND	NLE
4,4'-DDE	1	88.71	0.0004	ND	2
Dieldrin	1	88.71	0.0005	ND	0.042
Endrin	1	88.71	0.0005	ND	17
Endosulfan II	1	88.71	0.0004	ND	NLE
4,4'-DDD	1	88.71	0.0006	ND	3
Endrin Aldehyde	1	88.71	0.0005	ND	NLE
4,4'-DDT	1	88.71	0.0011	ND	2
Endosulfan-Sulfate	1	88.71	0.0004	ND	NLE
gamma -Chlordane	1	88.71	0.0005	ND	NLE
alpha-Chlordane	1	88.71	0.0005	ND	NLE
Toxaphene	1	88.71	0.0189	ND	0.1
Arochlor 1016	1	88.71	0.0116	ND	0.49
Arochlor 1221	1	88.71	0.0214	ND	0.49
Arochlor 1232	1	88.71	0.0146	ND	0.49
Arochlor 1242	1	88.71	0.0166	ND	0.49
Arochlor 1248	1	88.71	0.0067	ND	0.49
Arochlor 1254	1	88.71	0.0042	ND	0.49
Arochlor 1260	1	88.71	0.0037	ND	0.49

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	3588.14 5/22/98 5/22/98 6/20/98
Analysis: **Matrix:** **Analyst:**	SW-846 Method 8081 Soil D. Wright	**Location :** **Field ID:**	M-5 B-96

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	88.81	0.0003	ND	NLE
beta-BHC	1	88.81	0.0003	ND	NLE
gamma-BHC	1	88.81	0.0004	ND	0.52
delta-BHC	1	88.81	0.0004	ND	NLE
Heptachlor	1	88.81	0.0003	ND	0.15
Aldrin	1	88.81	0.0004	ND	0.04
Heptachlor Epoxide	1	88.81	0.0006	ND	NLE
Endosulfan I	1	88.81	0.0005	ND	NLE
4,4'-DDE	1	88.81	0.0004	0.003	2
Dieldrin	1	88.81	0.0005	ND	0.042
Endrin	1	88.81	0.0005	ND	17
Endosulfan II	1	88.81	0.0004	ND	NLE
4,4'-DDD	1	88.81	0.0006	ND	3
Endrin Aldehyde	1	88.81	0.0005	ND	NLE
4,4'-DDT	1	88.81	0.0012	0.002	2
Endosulfan-Sulfate	1	88.81	0.0004	ND	NLE
gamma -Chlordane	1	88.81	0.0005	ND	NLE
alpha-Chlordane	1	88.81	0.0005	ND	NLE
Toxaphene	1	88.81	0.0197	ND	0.1
Arochlor 1016	1	88.81	0.0121	ND	0.49
Arochlor 1221	1	88.81	0.0223	ND	0.49
Arochlor 1232	1	88.81	0.0151	ND	0.49
Arochlor 1242	1	88.81	0.0173	ND	0.49
Arochlor 1248	1	88.81	0.0069	ND	0.49
Arochlor 1254	1	88.81	0.0043	ND	0.49
Arochlor 1260	1	88.81	0.0039	ND	0.49

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	3588.18 5/22/98 5/22/98 6/20/98
Analysis:	SW-846 Method 8081	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-97

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	89.15	0.0003	ND	NLE
beta-BHC	1	89.15	0.0003	ND	NLE
gamma-BHC	1	89.15	0.0004	ND	0.52
delta-BHC	1	89.15	0.0004	ND	NLE
Heptachlor	1	89.15	0.0003	ND	0.15
Aldrin	1	89.15	0.0004	ND	0.04
Heptachlor Epoxide	1	89.15	0.0006	0.001	NLE
Endosulfan I	1	89.15	0.0005	ND	NLE
4,4'-DDE	1	89.15	0.0004	0.008	2
Dieldrin	1	89.15	0.0005	ND	0.042
Endrin	1	89.15	0.0005	ND	17
Endosulfan II	1	89.15	0.0004	ND	NLE
4,4'-DDD	1	89.15	0.0006	0.003	3
Endrin Aldehyde	1	89.15	0.0005	ND	NLE
4,4'-DDT	1	89.15	0.0011	0.014	2
Endosulfan-Sulfate	1	89.15	0.0004	ND	NLE
gamma -Chlordane	1	89.15	0.0005	ND	NLE
alpha-Chlordane	1	89.15	0.0005	ND	NLE
Toxaphene	1	89.15	0.0189	ND	0.1
Arochlor 1016	1	89.15	0.0116	ND	0.49
Arochlor 1221	1	89.15	0.0214	ND	0.49
Arochlor 1232	1	89.15	0.0145	ND	0.49
Arochlor 1242	1	89.15	0.0166	ND	0.49
Arochlor 1248	1	89.15	0.0066	ND	0.49
Arochlor 1254	1	89.15	0.0042	ND	0.49
Arochlor 1260	1	89.15	0.0037	ND	0.49

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	3588.22 5/22/98 5/22/98 6/20/98
Analysis:	SW-846 Method 8081	**Location :**	
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-98

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	82.27	0.0003	ND	NLE
beta-BHC	1	82.27	0.0003	ND	NLE
gamma-BHC	1	82.27	0.0005	ND	0.52
delta-BHC	1	82.27	0.0005	ND	NLE
Heptachlor	1	82.27	0.0003	ND	0.15
Aldrin	1	82.27	0.0005	ND	0.04
Heptachlor Epoxide	1	82.27	0.0007	ND	NLE
Endosulfan I	1	82.27	0.0006	ND	NLE
4,4'-DDE	5	82.27	0.0023	0.166	2
Dieldrin	1	82.27	0.0006	ND	0.042
Endrin	1	82.27	0.0006	ND	17
Endosulfan II	1	82.27	0.0005	ND	NLE
4,4'-DDD	1	82.27	0.0007	0.020	3
Endrin Aldehyde	1	82.27	0.0006	ND	NLE
4,4'-DDT	1	82.27	0.0013	0.077	2
Endosulfan-Sulfate	1	82.27	0.0005	0.009	NLE
gamma -Chlordane	1	82.27	0.0006	ND	NLE
alpha-Chlordane	1	82.27	0.0006	ND	NLE
Toxaphene	1	82.27	0.0212	ND	0.1
Arochlor 1016	1	82.27	0.0130	ND	0.49
Arochlor 1221	1	82.27	0.0240	ND	0.49
Arochlor 1232	1	82.27	0.0163	ND	0.49
Arochlor 1242	1	82.27	0.0186	ND	0.49
Arochlor 1248	1	82.27	0.0074	ND	0.49
Arochlor 1254	1	82.27	0.0047	ND	0.49
Arochlor 1260	1	82.27	0.0042	ND	0.49

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	3593.02 5/26/98 5/27/98 6/20/98
Analysis:	SW-846 Method 8081	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-99

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	89.84	0.0003	ND	NLE
beta-BHC	1	89.84	0.0003	ND	NLE
gamma-BHC	1	89.84	0.0004	ND	0.52
delta-BHC	1	89.84	0.0004	ND	NLE
Heptachlor	1	89.84	0.0003	ND	0.15
Aldrin	1	89.84	0.0004	ND	0.04
Heptachlor Epoxide	1	89.84	0.0006	ND	NLE
Endosulfan I	1	89.84	0.0005	ND	NLE
4,4'-DDE	1	89.84	0.0004	0.008	2
Dieldrin	1	89.84	0.0005	ND	0.042
Endrin	1	89.84	0.0005	ND	17
Endosulfan II	1	89.84	0.0004	ND	NLE
4,4'-DDD	1	89.84	0.0006	ND	3
Endrin Aldehyde	1	89.84	0.0005	ND	NLE
4,4'-DDT	1	89.84	0.0011	0.008	2
Endosulfan-Sulfate	1	89.84	0.0004	ND	NLE
gamma -Chlordane	1	89.84	0.0005	ND	NLE
alpha-Chlordane	1	89.84	0.0005	ND	NLE
Toxaphene	1	89.84	0.0188	ND	0.1
Arochlor 1016	1	89.84	0.0116	ND	0.49
Arochlor 1221	1	89.84	0.0213	ND	0.49
Arochlor 1232	1	89.84	0.0145	ND	0.49
Arochlor 1242	1	89.84	0.0166	ND	0.49
Arochlor 1248	1	89.84	0.0066	ND	0.49
Arochlor 1254	1	89.84	0.0041	ND	0.49
Arochlor 1260	1	89.84	0.0037	ND	0.49

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

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U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	3665.12 6/18/98 6/18/98 7/24/98
Analysis: **Matrix:** **Analyst:**	SW-846 Method 8081 Soil D. Wright	**Location :** **Field ID:**	M-5 B-158

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	93.88	0.0003	ND	NLE
beta-BHC	1	93.88	0.0003	ND	NLE
gamma-BHC	1	93.88	0.0004	ND	0.52
delta-BHC	1	93.88	0.0004	ND	NLE
Heptachlor	1	93.88	0.0003	ND	0.15
Aldrin	1	93.88	0.0004	ND	0.04
Heptachlor Epoxide	1	93.88	0.0006	ND	NLE
Endosulfan I	1	93.88	0.0005	ND	NLE
4,4'-DDE	1	93.88	0.0004	ND	2
Dieldrin	1	93.88	0.0005	ND	0.042
Endrin	1	93.88	0.0005	ND	17
Endosulfan II	1	93.88	0.0004	ND	NLE
4,4'-DDD	1	93.88	0.0006	ND	3
Endrin Aldehyde	1	93.88	0.0005	ND	NLE
4,4'-DDT	1	93.88	0.0011	ND	2
Endosulfan-Sulfate	1	93.88	0.0004	ND	NLE
gamma -Chlordane	1	93.88	0.0005	ND	NLE
alpha-Chlordane	1	93.88	0.0005	ND	NLE
Toxaphene	1	93.88	0.0003	ND	0.1
Arochlor 1016	1	93.88	0.0117	ND	0.49
Arochlor 1221	1	93.88	0.0214	ND	0.49
Arochlor 1232	1	93.88	0.0146	ND	0.49
Arochlor 1242	1	93.88	0.0167	ND	0.49
Arochlor 1248	1	93.88	0.0067	ND	0.49
Arochlor 1254	1	93.88	0.0042	ND	0.49
Arochlor 1260	1	93.88	0.0037	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	3665.16 6/18/98 6/18/98 7/24/98
Analysis: **Matrix:** **Analyst:**	SW-846 Method 8081 Soil D. Wright	**Location :** **Field ID:**	M-5 B-159

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	88.36	0.0003	ND	NLE
beta-BHC	1	88.36	0.0003	ND	NLE
gamma-BHC	1	88.36	0.0004	ND	0.52
delta-BHC	1	88.36	0.0004	ND	NLE
Heptachlor	1	88.36	0.0003	ND	0.15
Aldrin	1	88.36	0.0004	ND	0.04
Heptachlor Epoxide	1	88.36	0.0006	ND	NLE
Endosulfan I	1	88.36	0.0005	ND	NLE
4,4'-DDE	1	88.36	0.0004	0.003	2
Dieldrin	1	88.36	0.0005	ND	0.042
Endrin	1	88.36	0.0005	ND	17
Endosulfan II	1	88.36	0.0004	ND	NLE
4,4'-DDD	1	88.36	0.0006	ND	3
Endrin Aldehyde	1	88.36	0.0005	ND	NLE
4,4'-DDT	1	88.36	0.0011	0.003	2
Endosulfan-Sulfate	1	88.36	0.0004	ND	NLE
gamma -Chlordane	1	88.36	0.0005	ND	NLE
alpha-Chlordane	1	88.36	0.0005	ND	NLE
Toxaphene	1	88.36	0.0003	ND	0.1
Arochlor 1016	1	88.36	0.0109	ND	0.49
Arochlor 1221	1	88.36	0.0200	ND	0.49
Arochlor 1232	1	88.36	0.0136	ND	0.49
Arochlor 1242	1	88.36	0.0156	ND	0.49
Arochlor 1248	1	88.36	0.0062	ND	0.49
Arochlor 1254	1	88.36	0.0039	ND	0.49
Arochlor 1260	1	88.36	0.0035	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	3665.19 6/18/98 6/18/98 7/24/98
Analysis: **Matrix:** **Analyst:**	SW-846 Method 8081 Soil D. Wright	**Location :** **Field ID:**	M-5 B-160

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	88.88	0.0003	ND	NLE
beta-BHC	1	88.88	0.0003	ND	NLE
gamma-BHC	1	88.88	0.0004	ND	0.52
delta-BHC	1	88.88	0.0004	ND	NLE
Heptachlor	1	88.88	0.0003	0.003	0.15
Aldrin	1	88.88	0.0004	ND	0.04
Heptachlor Epoxide	1	88.88	0.0006	ND	NLE
Endosulfan I	1	88.88	0.0005	ND	NLE
4,4'-DDE	1	88.88	0.0004	0.011	2
Dieldrin	1	88.88	0.0005	ND	0.042
Endrin	1	88.88	0.0005	ND	17
Endosulfan II	1	88.88	0.0004	ND	NLE
4,4'-DDD	1	88.88	0.0006	ND	3
Endrin Aldehyde	1	88.88	0.0005	ND	NLE
4,4'-DDT	1	88.88	0.0012	0.019	2
Endosulfan-Sulfate	1	88.88	0.0004	ND	NLE
gamma -Chlordane	1	88.88	0.0005	ND	NLE
alpha-Chlordane	1	88.88	0.0005	ND	NLE
Toxaphene	1	88.88	0.0003	ND	0.1
Arochlor 1016	1	88.88	0.0119	ND	0.49
Arochlor 1221	1	88.88	0.0219	ND	0.49
Arochlor 1232	1	88.88	0.0149	ND	0.49
Arochlor 1242	1	88.88	0.0170	ND	0.49
Arochlor 1248	1	88.88	0.0068	ND	0.49
Arochlor 1254	1	88.88	0.0042	ND	0.49
Arochlor 1260	1	88.88	0.0038	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3665.22
	DPW. SELFM-PW-EV	**Date Rec'd:**	6/18/98
	Bldg. 173	**Extraction Date:**	6/18/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	7/24/98
Analysis:	SW-846 Method 8081	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-161

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	92.86	0.0003	ND	NLE
beta-BHC	1	92.86	0.0003	ND	NLE
gamma-BHC	1	92.86	0.0004	ND	0.52
delta-BHC	1	92.86	0.0004	ND	NLE
Heptachlor	1	92.86	0.0003	ND	0.15
Aldrin	1	92.86	0.0004	ND	0.04
Heptachlor Epoxide	1	92.86	0.0006	ND	NLE
Endosulfan I	1	92.86	0.0005	ND	NLE
4,4'-DDE	1	92.86	0.0004	ND	2
Dieldrin	1	92.86	0.0005	ND	0.042
Endrin	1	92.86	0.0005	ND	17
Endosulfan II	1	92.86	0.0004	ND	NLE
4,4'-DDD	1	92.86	0.0006	ND	3
Endrin Aldehyde	1	92.86	0.0005	ND	NLE
4,4'-DDT	1	92.86	0.0011	ND	2
Endosulfan-Sulfate	1	92.86	0.0004	ND	NLE
gamma -Chlordane	1	92.86	0.0005	ND	NLE
alpha-Chlordane	1	92.86	0.0005	ND	NLE
Toxaphene	1	92.86	0.0003	ND	0.1
Arochlor 1016	1	92.86	0.0112	ND	0.49
Arochlor 1221	1	92.86	0.0206	ND	0.49
Arochlor 1232	1	92.86	0.0140	ND	0.49
Arochlor 1242	1	92.86	0.0160	ND	0.49
Arochlor 1248	1	92.86	0.0064	ND	0.49
Arochlor 1254	1	92.86	0.0040	ND	0.49
Arochlor 1260	1	92.86	0.0036	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3686.04
	DPW. SELFM-PW-EV	**Date Rec'd:**	6/26/98
	Bldg. 173	**Extraction Date:**	6/29/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	8/5/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-162

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	78.38	0.0004	ND	NLE
beta-BHC	1	78.38	0.0004	ND	NLE
gamma-BHC	1	78.38	0.0005	ND	0.52
delta-BHC	1	78.38	0.0005	ND	NLE
Heptachlor	1	78.38	0.0004	ND	0.15
Aldrin	1	78.38	0.0005	ND	0.04
Heptachlor Epoxide	1	78.38	0.0007	ND	NLE
Endosulfan I	1	78.38	0.0006	ND	NLE
4,4'-DDE	1	78.38	0.0005	ND	2
Dieldrin	1	78.38	0.0006	ND	0.042
Endrin	1	78.38	0.0006	ND	17
Endosulfan II	1	78.38	0.0005	ND	NLE
4,4'-DDD	1	78.38	0.0007	ND	3
Endrin Aldehyde	1	78.38	0.0006	ND	NLE
4,4'-DDT	1	78.38	0.0014	ND	2
Endosulfan-Sulfate	1	78.38	0.0005	ND	NLE
gamma -Chlordane	1	78.38	0.0006	ND	NLE
alpha-Chlordane	1	78.38	0.0006	ND	NLE
Toxaphene	1	78.38	0.0004	ND	0.1
Arochlor 1016	1	78.38	0.0140	ND	0.49
Arochlor 1221	1	78.38	0.0257	ND	0.49
Arochlor 1232	1	78.38	0.0175	ND	0.49
Arochlor 1242	1	78.38	0.0200	ND	0.49
Arochlor 1248	1	78.38	0.0080	ND	0.49
Arochlor 1254	1	78.38	0.0050	ND	0.49
Arochlor 1260	1	78.38	0.0045	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3686.07
	DPW. SELFM-PW-EV	**Date Rec'd:**	6/26/98
	Bldg. 173	**Extraction Date:**	6/29/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	8/5/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-163

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	85.80	0.0003	ND	NLE
beta-BHC	1	85.80	0.0003	ND	NLE
gamma-BHC	1	85.80	0.0005	ND	0.52
delta-BHC	1	85.80	0.0005	ND	NLE
Heptachlor	1	85.80	0.0003	ND	0.15
Aldrin	1	85.80	0.0005	ND	0.04
Heptachlor Epoxide	1	85.80	0.0007	ND	NLE
Endosulfan I	1	85.80	0.0006	ND	NLE
4,4'-DDE	1	85.80	0.0005	ND	2
Dieldrin	1	85.80	0.0006	ND	0.042
Endrin	1	85.80	0.0006	ND	17
Endosulfan II	1	85.80	0.0005	ND	NLE
4,4'-DDD	1	85.80	0.0007	ND	3
Endrin Aldehyde	1	85.80	0.0006	ND	NLE
4,4'-DDT	1	85.80	0.0013	ND	2
Endosulfan-Sulfate	1	85.80	0.0005	ND	NLE
gamma -Chlordane	1	85.80	0.0006	ND	NLE
alpha-Chlordane	1	85.80	0.0006	ND	NLE
Toxaphene	1	85.80	0.0003	ND	0.1
Arochlor 1016	1	85.80	0.0128	ND	0.49
Arochlor 1221	1	85.80	0.0235	ND	0.49
Arochlor 1232	1	85.80	0.0160	ND	0.49
Arochlor 1242	1	85.80	0.0183	ND	0.49
Arochlor 1248	1	85.80	0.0073	ND	0.49
Arochlor 1254	1	85.80	0.0046	ND	0.49
Arochlor 1260	1	85.80	0.0041	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3686.10
	DPW. SELFM-PW-EV	**Date Rec'd:**	6/26/98
	Bldg. 173	**Extraction Date:**	6/29/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	8/5/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-164

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	92.79	0.0003	ND	NLE
beta-BHC	1	92.79	0.0003	ND	NLE
gamma-BHC	1	92.79	0.0004	ND	0.52
delta-BHC	1	92.79	0.0004	ND	NLE
Heptachlor	1	92.79	0.0003	ND	0.15
Aldrin	1	92.79	0.0004	ND	0.04
Heptachlor Epoxide	1	92.79	0.0006	ND	NLE
Endosulfan I	1	92.79	0.0005	ND	NLE
4,4'-DDE	1	92.79	0.0004	ND	2
Dieldrin	1	92.79	0.0005	ND	0.042
Endrin	1	92.79	0.0005	ND	17
Endosulfan II	1	92.79	0.0004	ND	NLE
4,4'-DDD	1	92.79	0.0006	ND	3
Endrin Aldehyde	1	92.79	0.0005	ND	NLE
4,4'-DDT	1	92.79	0.0012	ND	2
Endosulfan-Sulfate	1	92.79	0.0004	ND	NLE
gamma -Chlordane	1	92.79	0.0005	ND	NLE
alpha-Chlordane	1	92.79	0.0005	ND	NLE
Toxaphene	1	92.79	0.0003	ND	0.1
Arochlor 1016	1	92.79	0.0120	ND	0.49
Arochlor 1221	1	92.79	0.0220	ND	0.49
Arochlor 1232	1	92.79	0.0150	ND	0.49
Arochlor 1242	1	92.79	0.0171	ND	0.49
Arochlor 1248	1	92.79	0.0068	ND	0.49
Arochlor 1254	1	92.79	0.0043	ND	0.49
Arochlor 1260	1	92.79	0.0039	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	3688.02 6/29/98 6/30/98 8/5/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-165

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	91.22	0.0003	ND	NLE
beta-BHC	1	91.22	0.0003	ND	NLE
gamma-BHC	1	91.22	0.0004	ND	0.52
delta-BHC	1	91.22	0.0004	ND	NLE
Heptachlor	1	91.22	0.0003	ND	0.15
Aldrin	1	91.22	0.0004	ND	0.04
Heptachlor Epoxide	1	91.22	0.0006	ND	NLE
Endosulfan I	1	91.22	0.0005	ND	NLE
4,4'-DDE	1	91.22	0.0004	0.011	2
Dieldrin	1	91.22	0.0005	ND	0.042
Endrin	1	91.22	0.0005	ND	17
Endosulfan II	1	91.22	0.0004	ND	NLE
4,4'-DDD	1	91.22	0.0006	ND	3
Endrin Aldehyde	1	91.22	0.0005	ND	NLE
4,4'-DDT	1	91.22	0.0012	0.010	2
Endosulfan-Sulfate	1	91.22	0.0004	ND	NLE
gamma -Chlordane	1	91.22	0.0005	ND	NLE
alpha-Chlordane	1	91.22	0.0005	ND	NLE
Toxaphene	1	91.22	0.0003	ND	0.1
Arochlor 1016	1	91.22	0.0118	ND	0.49
Arochlor 1221	1	91.22	0.0217	ND	0.49
Arochlor 1232	1	91.22	0.0147	ND	0.49
Arochlor 1242	1	91.22	0.0168	ND	0.49
Arochlor 1248	1	91.22	0.0067	ND	0.49
Arochlor 1254	1	91.22	0.0042	ND	0.49
Arochlor 1260	1	91.22	0.0038	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3688.06
	DPW. SELFM-PW-EV	**Date Rec'd:**	6/29/98
	Bldg. 173	**Extraction Date:**	6/30/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	8/5/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-166

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	88.36	0.0003	ND	NLE
beta-BHC	1	88.36	0.0003	ND	NLE
gamma-BHC	1	88.36	0.0004	ND	0.52
delta-BHC	1	88.36	0.0004	ND	NLE
Heptachlor	1	88.36	0.0003	ND	0.15
Aldrin	1	88.36	0.0004	ND	0.04
Heptachlor Epoxide	1	88.36	0.0006	ND	NLE
Endosulfan I	1	88.36	0.0005	ND	NLE
4,4'-DDE	1	88.36	0.0004	0.003	2
Dieldrin	1	88.36	0.0005	ND	0.042
Endrin	1	88.36	0.0005	ND	17
Endosulfan II	1	88.36	0.0004	ND	NLE
4,4'-DDD	1	88.36	0.0006	ND	3
Endrin Aldehyde	1	88.36	0.0005	ND	NLE
4,4'-DDT	1	88.36	0.0012	0.010	2
Endosulfan-Sulfate	1	88.36	0.0004	ND	NLE
gamma -Chlordane	1	88.36	0.0005	ND	NLE
alpha-Chlordane	1	88.36	0.0005	ND	NLE
Toxaphene	1	88.36	0.0003	ND	0.1
Arochlor 1016	1	88.36	0.0118	ND	0.49
Arochlor 1221	1	88.36	0.0217	ND	0.49
Arochlor 1232	1	88.36	0.0147	ND	0.49
Arochlor 1242	1	88.36	0.0168	ND	0.49
Arochlor 1248	1	88.36	0.0067	ND	0.49
Arochlor 1254	1	88.36	0.0042	ND	0.49
Arochlor 1260	1	88.36	0.0038	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	3688.09 6/29/98 6/30/98 8/5/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-167

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	91.06	0.0003	ND	NLE
beta-BHC	1	91.06	0.0003	ND	NLE
gamma-BHC	1	91.06	0.0004	ND	0.52
delta-BHC	1	91.06	0.0004	ND	NLE
Heptachlor	1	91.06	0.0003	ND	0.15
Aldrin	1	91.06	0.0004	ND	0.04
Heptachlor Epoxide	1	91.06	0.0006	ND	NLE
Endosulfan I	1	91.06	0.0005	ND	NLE
4,4'-DDE	1	91.06	0.0004	0.067	2
Dieldrin	1	91.06	0.0005	ND	0.042
Endrin	1	91.06	0.0005	ND	17
Endosulfan II	1	91.06	0.0004	ND	NLE
4,4'-DDD	1	91.06	0.0006	0.016	3
Endrin Aldehyde	1	91.06	0.0005	ND	NLE
4,4'-DDT	1	91.06	0.0011	0.091	2
Endosulfan-Sulfate	1	91.06	0.0004	ND	NLE
gamma -Chlordane	1	91.06	0.0005	ND	NLE
alpha-Chlordane	1	91.06	0.0005	ND	NLE
Toxaphene	1	91.06	0.0003	ND	0.1
Arochlor 1016	1	91.06	0.0117	ND	0.49
Arochlor 1221	1	91.06	0.0215	ND	0.49
Arochlor 1232	1	91.06	0.0146	ND	0.49
Arochlor 1242	1	91.06	0.0167	ND	0.49
Arochlor 1248	1	91.06	0.0067	ND	0.49
Arochlor 1254	1	91.06	0.0042	ND	0.49
Arochlor 1260	1	91.06	0.0038	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	3688.12 6/29/98 6/30/98 8/5/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-168

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	84.06	0.0003	ND	NLE
beta-BHC	1	84.06	0.0003	ND	NLE
gamma-BHC	1	84.06	0.0005	ND	0.52
delta-BHC	1	84.06	0.0005	ND	NLE
Heptachlor	1	84.06	0.0003	ND	0.15
Aldrin	1	84.06	0.0005	ND	0.04
Heptachlor Epoxide	1	84.06	0.0007	ND	NLE
Endosulfan I	1	84.06	0.0006	ND	NLE
4,4'-DDE	1	84.06	0.0005	0.003	2
Dieldrin	1	84.06	0.0006	ND	0.042
Endrin	1	84.06	0.0006	ND	17
Endosulfan II	1	84.06	0.0005	ND	NLE
4,4'-DDD	1	84.06	0.0007	ND	3
Endrin Aldehyde	1	84.06	0.0006	ND	NLE
4,4'-DDT	1	84.06	0.0012	0.002	2
Endosulfan-Sulfate	1	84.06	0.0005	ND	NLE
gamma -Chlordane	1	84.06	0.0006	ND	NLE
alpha-Chlordane	1	84.06	0.0006	ND	NLE
Toxaphene	1	84.06	0.0003	ND	0.1
Arochlor 1016	1	84.06	0.0127	ND	0.49
Arochlor 1221	1	84.06	0.0234	ND	0.49
Arochlor 1232	1	84.06	0.0159	ND	0.49
Arochlor 1242	1	84.06	0.0181	ND	0.49
Arochlor 1248	1	84.06	0.0073	ND	0.49
Arochlor 1254	1	84.06	0.0045	ND	0.49
Arochlor 1260	1	84.06	0.0041	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	3688.15 6/29/98 6/30/98 8/5/98
Analysis: **Matrix:** **Analyst:**	SW-846 Method 8081/8082 Soil D. Wright	**Location :** **Field ID:**	M-5 B-169

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	76.04	0.0004	ND	NLE
beta-BHC	1	76.04	0.0004	ND	NLE
gamma-BHC	1	76.04	0.0005	ND	0.52
delta-BHC	1	76.04	0.0005	ND	NLE
Heptachlor	1	76.04	0.0004	ND	0.15
Aldrin	1	76.04	0.0005	ND	0.04
Heptachlor Epoxide	1	76.04	0.0008	ND	NLE
Endosulfan I	1	76.04	0.0007	ND	NLE
4,4'-DDE	1	76.04	0.0005	ND	2
Dieldrin	1	76.04	0.0007	ND	0.042
Endrin	1	76.04	0.0007	ND	17
Endosulfan II	1	76.04	0.0005	ND	NLE
4,4'-DDD	1	76.04	0.0008	ND	3
Endrin Aldehyde	1	76.04	0.0007	ND	NLE
4,4'-DDT	1	76.04	0.0014	ND	2
Endosulfan-Sulfate	1	76.04	0.0005	ND	NLE
gamma -Chlordane	1	76.04	0.0007	ND	NLE
alpha-Chlordane	1	76.04	0.0007	ND	NLE
Toxaphene	1	76.04	0.0004	ND	0.1
Arochlor 1016	1	76.04	0.0147	ND	0.49
Arochlor 1221	1	76.04	0.0270	ND	0.49
Arochlor 1232	1	76.04	0.0184	ND	0.49
Arochlor 1242	1	76.04	0.0210	ND	0.49
Arochlor 1248	1	76.04	0.0084	ND	0.49
Arochlor 1254	1	76.04	0.0052	ND	0.49
Arochlor 1260	1	76.04	0.0047	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3722.12
	DPW. SELFM-PW-EV	**Date Rec'd:**	7/13/98
	Bldg. 173	**Extraction Date:**	7/14/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	8/22/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-178

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	92.47	0.0003	ND	NLE
beta-BHC	1	92.47	0.0003	ND	NLE
gamma-BHC	1	92.47	0.0004	ND	0.52
delta-BHC	1	92.47	0.0004	ND	NLE
Heptachlor	1	92.47	0.0003	ND	0.15
Aldrin	1	92.47	0.0004	ND	0.04
Heptachlor Epoxide	1	92.47	0.0006	ND	NLE
Endosulfan I	1	92.47	0.0005	ND	NLE
4,4'-DDE	1	92.47	0.0004	ND	2
Dieldrin	1	92.47	0.0005	ND	0.042
Endrin	1	92.47	0.0005	ND	17
Endosulfan II	1	92.47	0.0004	ND	NLE
4,4'-DDD	1	92.47	0.0006	ND	3
Endrin Aldehyde	1	92.47	0.0005	ND	NLE
4,4'-DDT	1	92.47	0.0011	ND	2
Endosulfan-Sulfate	1	92.47	0.0004	ND	NLE
gamma -Chlordane	1	92.47	0.0005	ND	NLE
alpha-Chlordane	1	92.47	0.0005	ND	NLE
Toxaphene	1	92.47	0.0003	ND	0.1
Arochlor 1016	1	92.47	0.0117	ND	0.49
Arochlor 1221	1	92.47	0.0215	ND	0.49
Arochlor 1232	1	92.47	0.0146	ND	0.49
Arochlor 1242	1	92.47	0.0167	ND	0.49
Arochlor 1248	1	92.47	0.0067	ND	0.49
Arochlor 1254	1	92.47	0.0042	ND	0.49
Arochlor 1260	1	92.47	0.0038	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	3722.15 7/13/98 7/14/98 8/22/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-179

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	96.13	0.0003	ND	NLE
beta-BHC	1	96.13	0.0003	ND	NLE
gamma-BHC	1	96.13	0.0004	ND	0.52
delta-BHC	1	96.13	0.0004	ND	NLE
Heptachlor	1	96.13	0.0003	ND	0.15
Aldrin	1	96.13	0.0004	ND	0.04
Heptachlor Epoxide	1	96.13	0.0006	ND	NLE
Endosulfan I	1	96.13	0.0005	ND	NLE
4,4'-DDE	1	96.13	0.0004	0.002	2
Dieldrin	1	96.13	0.0005	ND	0.042
Endrin	1	96.13	0.0005	ND	17
Endosulfan II	1	96.13	0.0004	ND	NLE
4,4'-DDD	1	96.13	0.0006	ND	3
Endrin Aldehyde	1	96.13	0.0005	ND	NLE
4,4'-DDT	1	96.13	0.0011	0.002	2
Endosulfan-Sulfate	1	96.13	0.0004	ND	NLE
gamma -Chlordane	1	96.13	0.0005	ND	NLE
alpha-Chlordane	1	96.13	0.0005	ND	NLE
Toxaphene	1	96.13	0.0003	ND	0.1
Arochlor 1016	1	96.13	0.0114	ND	0.49
Arochlor 1221	1	96.13	0.0209	ND	0.49
Arochlor 1232	1	96.13	0.0142	ND	0.49
Arochlor 1242	1	96.13	0.0162	ND	0.49
Arochlor 1248	1	96.13	0.0065	ND	0.49
Arochlor 1254	1	96.13	0.0041	ND	0.49
Arochlor 1260	1	96.13	0.0037	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	3722.18 7/13/98 7/14/98 8/22/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-180

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	94.20	0.0003	ND	NLE
beta-BHC	1	94.20	0.0003	ND	NLE
gamma-BHC	1	94.20	0.0004	ND	0.52
delta-BHC	1	94.20	0.0004	ND	NLE
Heptachlor	1	94.20	0.0003	ND	0.15
Aldrin	1	94.20	0.0004	ND	0.04
Heptachlor Epoxide	1	94.20	0.0006	ND	NLE
Endosulfan I	1	94.20	0.0005	ND	NLE
4,4'-DDE	1	94.20	0.0004	0.006	2
Dieldrin	1	94.20	0.0005	ND	0.042
Endrin	1	94.20	0.0005	ND	17
Endosulfan II	1	94.20	0.0004	ND	NLE
4,4'-DDD	1	94.20	0.0006	ND	3
Endrin Aldehyde	1	94.20	0.0005	ND	NLE
4,4'-DDT	1	94.20	0.0012	0.009	2
Endosulfan-Sulfate	1	94.20	0.0004	ND	NLE
gamma -Chlordane	1	94.20	0.0005	ND	NLE
alpha-Chlordane	1	94.20	0.0005	ND	NLE
Toxaphene	1	94.20	0.0003	ND	0.1
Arochlor 1016	1	94.20	0.0118	ND	0.49
Arochlor 1221	1	94.20	0.0217	ND	0.49
Arochlor 1232	1	94.20	0.0147	ND	0.49
Arochlor 1242	1	94.20	0.0168	ND	0.49
Arochlor 1248	1	94.20	0.0067	ND	0.49
Arochlor 1254	1	94.20	0.0042	ND	0.49
Arochlor 1260	1	94.20	0.0038	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	3722.21 7/13/98 7/14/98 8/22/98
Analysis: **Matrix:** **Analyst:**	SW-846 Method 8081/8082 Soil D. Wright	**Location :** **Field ID:**	M-5 B-181

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	89.06	0.0003	ND	NLE
beta-BHC	1	89.06	0.0003	ND	NLE
gamma-BHC	1	89.06	0.0004	ND	0.52
delta-BHC	1	89.06	0.0004	ND	NLE
Heptachlor	1	89.06	0.0003	ND	0.15
Aldrin	1	89.06	0.0004	ND	0.04
Heptachlor Epoxide	1	89.06	0.0007	ND	NLE
Endosulfan I	1	89.06	0.0006	ND	NLE
4,4'-DDE	1	89.06	0.0004	ND	2
Dieldrin	1	89.06	0.0006	ND	0.042
Endrin	1	89.06	0.0006	ND	17
Endosulfan II	1	89.06	0.0004	ND	NLE
4,4'-DDD	1	89.06	0.0007	ND	3
Endrin Aldehyde	1	89.06	0.0006	ND	NLE
4,4'-DDT	1	89.06	0.0012	ND	2
Endosulfan-Sulfate	1	89.06	0.0004	ND	NLE
gamma -Chlordane	1	89.06	0.0006	ND	NLE
alpha-Chlordane	1	89.06	0.0006	ND	NLE
Toxaphene	1	89.06	0.0003	ND	0.1
Arochlor 1016	1	89.06	0.0124	ND	0.49
Arochlor 1221	1	89.06	0.0228	ND	0.49
Arochlor 1232	1	89.06	0.0155	ND	0.49
Arochlor 1242	1	89.06	0.0177	ND	0.49
Arochlor 1248	1	89.06	0.0071	ND	0.49
Arochlor 1254	1	89.06	0.0044	ND	0.49
Arochlor 1260	1	89.06	0.0040	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3805.02
	DPW. SELFM-PW-EV	**Date Rec'd:**	8/12/98
	Bldg. 173	**Extraction Date:**	8/13/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	8/23/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-197

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	89.87	0.0003	ND	NLE
beta-BHC	1	89.87	0.0003	ND	NLE
gamma-BHC	1	89.87	0.0004	ND	0.52
delta-BHC	1	89.87	0.0004	ND	NLE
Heptachlor	1	89.87	0.0003	ND	0.15
Aldrin	1	89.87	0.0004	ND	0.04
Heptachlor Epoxide	1	89.87	0.0007	ND	NLE
Endosulfan I	1	89.87	0.0005	ND	NLE
4,4'-DDE	1	89.87	0.0004	0.033	2
Dieldrin	1	89.87	0.0005	ND	0.042
Endrin	1	89.87	0.0005	ND	17
Endosulfan II	1	89.87	0.0004	ND	NLE
4,4'-DDD	1	89.87	0.0007	0.001	3
Endrin Aldehyde	1	89.87	0.0005	ND	NLE
4,4'-DDT	1	89.87	0.0012	0.015	2
Endosulfan-Sulfate	1	89.87	0.0004	ND	NLE
gamma -Chlordane	1	89.87	0.0005	ND	NLE
alpha-Chlordane	1	89.87	0.0005	ND	NLE
Toxaphene	1	89.87	0.0003	ND	0.1
Arochlor 1016	1	89.87	0.0122	ND	0.49
Arochlor 1221	1	89.87	0.0225	ND	0.49
Arochlor 1232	1	89.87	0.0153	ND	0.49
Arochlor 1242	1	89.87	0.0175	ND	0.49
Arochlor 1248	1	89.87	0.0070	ND	0.49
Arochlor 1254	1	89.87	0.0044	ND	0.49
Arochlor 1260	1	89.87	0.0039	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3805.04
	DPW. SELFM-PW-EV	**Date Rec'd:**	8/12/98
	Bldg. 173	**Extraction Date:**	8/13/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	8/23/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-198

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	92.46	0.0003	ND	NLE
beta-BHC	1	92.46	0.0003	ND	NLE
gamma-BHC	1	92.46	0.0004	ND	0.52
delta-BHC	1	92.46	0.0004	ND	NLE
Heptachlor	1	92.46	0.0003	ND	0.15
Aldrin	1	92.46	0.0004	ND	0.04
Heptachlor Epoxide	1	92.46	0.0006	ND	NLE
Endosulfan I	1	92.46	0.0005	ND	NLE
4,4'-DDE	1	92.46	0.0004	0.017	2
Dieldrin	1	92.46	0.0005	ND	0.042
Endrin	1	92.46	0.0005	ND	17
Endosulfan II	1	92.46	0.0004	ND	NLE
4,4'-DDD	1	92.46	0.0006	0.001	3
Endrin Aldehyde	1	92.46	0.0005	ND	NLE
4,4'-DDT	1	92.46	0.0011	0.019	2
Endosulfan-Sulfate	1	92.46	0.0004	ND	NLE
gamma -Chlordane	1	92.46	0.0005	ND	NLE
alpha-Chlordane	1	92.46	0.0005	ND	NLE
Toxaphene	1	92.46	0.0003	ND	0.1
Arochlor 1016	1	92.46	0.0111	ND	0.49
Arochlor 1221	1	92.46	0.0204	ND	0.49
Arochlor 1232	1	92.46	0.0139	ND	0.49
Arochlor 1242	1	92.46	0.0159	ND	0.49
Arochlor 1248	1	92.46	0.0063	ND	0.49
Arochlor 1254	1	92.46	0.0040	ND	0.49
Arochlor 1260	1	92.46	0.0036	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3805.06
	DPW. SELFM-PW-EV	**Date Rec'd:**	8/12/98
	Bldg. 173	**Extraction Date:**	8/13/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	8/23/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-199

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	79.16	0.0004	ND	NLE
beta-BHC	1	79.16	0.0004	ND	NLE
gamma-BHC	1	79.16	0.0005	ND	0.52
delta-BHC	1	79.16	0.0005	ND	NLE
Heptachlor	1	79.16	0.0004	ND	0.15
Aldrin	1	79.16	0.0005	ND	0.04
Heptachlor Epoxide	1	79.16	0.0007	ND	NLE
Endosulfan I	1	79.16	0.0006	ND	NLE
4,4'-DDE	10	79.16	0.0049	0.260	2
Dieldrin	1	79.16	0.0006	ND	0.042
Endrin	1	79.16	0.0006	ND	17
Endosulfan II	1	79.16	0.0005	ND	NLE
4,4'-DDD	1	79.16	0.0007	0.116	3
Endrin Aldehyde	1	79.16	0.0006	ND	NLE
4,4'-DDT	10	79.16	0.0134	1.321	2
Endosulfan-Sulfate	1	79.16	0.0005	ND	NLE
gamma -Chlordane	1	79.16	0.0006	ND	NLE
alpha-Chlordane	1	79.16	0.0006	ND	NLE
Toxaphene	1	79.16	0.0004	ND	0.1
Arochlor 1016	1	79.16	0.0136	ND	0.49
Arochlor 1221	1	79.16	0.0250	ND	0.49
Arochlor 1232	1	79.16	0.0170	ND	0.49
Arochlor 1242	1	79.16	0.0195	ND	0.49
Arochlor 1248	1	79.16	0.0078	ND	0.49
Arochlor 1254	1	79.16	0.0049	ND	0.49
Arochlor 1260	1	79.16	0.0044	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3805.08
	DPW. SELFM-PW-EV	**Date Rec'd:**	8/12/98
	Bldg. 173	**Extraction Date:**	8/13/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	9/10/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-200

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	89.98	0.0003	ND	NLE
beta-BHC	1	89.98	0.0003	ND	NLE
gamma-BHC	1	89.98	0.0004	ND	0.52
delta-BHC	1	89.98	0.0004	ND	NLE
Heptachlor	1	89.98	0.0003	ND	0.15
Aldrin	1	89.98	0.0004	ND	0.04
Heptachlor Epoxide	1	89.98	0.0007	ND	NLE
Endosulfan I	1	89.98	0.0005	ND	NLE
4,4'-DDE	1	89.98	0.0004	0.010	2
Dieldrin	1	89.98	0.0005	ND	0.042
Endrin	1	89.98	0.0005	ND	17
Endosulfan II	1	89.98	0.0004	ND	NLE
4,4'-DDD	1	89.98	0.0007	ND	3
Endrin Aldehyde	1	89.98	0.0005	ND	NLE
4,4'-DDT	1	89.98	0.0012	0.010	2
Endosulfan-Sulfate	1	89.98	0.0004	ND	NLE
gamma -Chlordane	1	89.98	0.0005	ND	NLE
alpha-Chlordane	1	89.98	0.0005	ND	NLE
Toxaphene	1	89.98	0.0003	ND	0.1
Arochlor 1016	1	89.98	0.0123	ND	0.49
Arochlor 1221	1	89.98	0.0226	ND	0.49
Arochlor 1232	1	89.98	0.0154	ND	0.49
Arochlor 1242	1	89.98	0.0176	ND	0.49
Arochlor 1248	1	89.98	0.0070	ND	0.49
Arochlor 1254	1	89.98	0.0044	ND	0.49
Arochlor 1260	1	89.98	0.0040	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3805.10
	DPW. SELFM-PW-EV	**Date Rec'd:**	8/12/98
	Bldg. 173	**Extraction Date:**	8/13/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	9/10/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-201

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	82.68	0.0003	ND	NLE
beta-BHC	1	82.68	0.0003	ND	NLE
gamma-BHC	1	82.68	0.0005	ND	0.52
delta-BHC	1	82.68	0.0005	ND	NLE
Heptachlor	1	82.68	0.0003	ND	0.15
Aldrin	1	82.68	0.0005	ND	0.04
Heptachlor Epoxide	1	82.68	0.0007	ND	NLE
Endosulfan I	1	82.68	0.0006	ND	NLE
4,4'-DDE	1	82.68	0.0005	0.047	2
Dieldrin	1	82.68	0.0006	ND	0.042
Endrin	1	82.68	0.0006	ND	17
Endosulfan II	1	82.68	0.0005	ND	NLE
4,4'-DDD	1	82.68	0.0007	ND	3
Endrin Aldehyde	1	82.68	0.0006	ND	NLE
4,4'-DDT	1	82.68	0.0013	ND	2
Endosulfan-Sulfate	1	82.68	0.0005	ND	NLE
gamma -Chlordane	1	82.68	0.0006	ND	NLE
alpha-Chlordane	1	82.68	0.0006	ND	NLE
Toxaphene	1	82.68	0.0003	ND	0.1
Arochlor 1016	1	82.68	0.0129	ND	0.49
Arochlor 1221	1	82.68	0.0238	ND	0.49
Arochlor 1232	1	82.68	0.0161	ND	0.49
Arochlor 1242	1	82.68	0.0184	ND	0.49
Arochlor 1248	1	82.68	0.0074	ND	0.49
Arochlor 1254	1	82.68	0.0046	1.499	0.49
Arochlor 1260	1	82.68	0.0042	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3805.12
	DPW. SELFM-PW-EV	**Date Rec'd:**	8/12/98
	Bldg. 173	**Extraction Date:**	8/13/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	9/10/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-202

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	92.77	0.0003	ND	NLE
beta-BHC	1	92.77	0.0003	ND	NLE
gamma-BHC	1	92.77	0.0004	ND	0.52
delta-BHC	1	92.77	0.0004	ND	NLE
Heptachlor	1	92.77	0.0003	ND	0.15
Aldrin	1	92.77	0.0004	ND	0.04
Heptachlor Epoxide	1	92.77	0.0006	ND	NLE
Endosulfan I	1	92.77	0.0005	ND	NLE
4,4'-DDE	1	92.77	0.0004	0.016	2
Dieldrin	1	92.77	0.0005	ND	0.042
Endrin	1	92.77	0.0005	ND	17
Endosulfan II	1	92.77	0.0004	ND	NLE
4,4'-DDD	1	92.77	0.0006	ND	3
Endrin Aldehyde	1	92.77	0.0005	ND	NLE
4,4'-DDT	1	92.77	0.0011	0.054	2
Endosulfan-Sulfate	1	92.77	0.0004	ND	NLE
gamma -Chlordane	1	92.77	0.0005	ND	NLE
alpha-Chlordane	1	92.77	0.0005	ND	NLE
Toxaphene	1	92.77	0.0003	ND	0.1
Arochlor 1016	1	92.77	0.0115	ND	0.49
Arochlor 1221	1	92.77	0.0212	ND	0.49
Arochlor 1232	1	92.77	0.0144	ND	0.49
Arochlor 1242	1	92.77	0.0164	ND	0.49
Arochlor 1248	1	92.77	0.0066	ND	0.49
Arochlor 1254	1	92.77	0.0041	ND	0.49
Arochlor 1260	1	92.77	0.0037	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3805.14
	DPW. SELFM-PW-EV	**Date Rec'd:**	8/12/98
	Bldg. 173	**Extraction Date:**	8/13/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	9/10/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-203

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	92.72	0.0003	ND	NLE
beta-BHC	1	92.72	0.0003	ND	NLE
gamma-BHC	1	92.72	0.0004	ND	0.52
delta-BHC	1	92.72	0.0004	ND	NLE
Heptachlor	1	92.72	0.0003	ND	0.15
Aldrin	1	92.72	0.0004	ND	0.04
Heptachlor Epoxide	1	92.72	0.0006	ND	NLE
Endosulfan I	1	92.72	0.0005	ND	NLE
4,4'-DDE	1	92.72	0.0004	0.102	2
Dieldrin	1	92.72	0.0005	ND	0.042
Endrin	1	92.72	0.0005	ND	17
Endosulfan II	1	92.72	0.0004	ND	NLE
4,4'-DDD	1	92.72	0.0006	0.031	3
Endrin Aldehyde	1	92.72	0.0005	ND	NLE
4,4'-DDT	10	92.72	0.0117	0.340	2
Endosulfan-Sulfate	1	92.72	0.0004	ND	NLE
gamma -Chlordane	1	92.72	0.0005	ND	NLE
alpha-Chlordane	1	92.72	0.0005	ND	NLE
Toxaphene	1	92.72	0.0003	ND	0.1
Arochlor 1016	1	92.72	0.0119	ND	0.49
Arochlor 1221	1	92.72	0.0218	ND	0.49
Arochlor 1232	1	92.72	0.0148	ND	0.49
Arochlor 1242	1	92.72	0.0170	ND	0.49
Arochlor 1248	1	92.72	0.0068	ND	0.49
Arochlor 1254	1	92.72	0.0042	ND	0.49
Arochlor 1260	1	92.72	0.0038	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3805.16
	DPW. SELFM-PW-EV	**Date Rec'd:**	8/12/98
	Bldg. 173	**Extraction Date:**	8/14/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	9/10/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-204

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	89.00	0.0003	ND	NLE
beta-BHC	1	89.00	0.0003	ND	NLE
gamma-BHC	1	89.00	0.0005	ND	0.52
delta-BHC	1	89.00	0.0005	ND	NLE
Heptachlor	1	89.00	0.0003	ND	0.15
Aldrin	1	89.00	0.0005	ND	0.04
Heptachlor Epoxide	1	89.00	0.0007	ND	NLE
Endosulfan I	1	89.00	0.0006	ND	NLE
4,4'-DDE	1	89.00	0.0005	0.024	2
Dieldrin	1	89.00	0.0006	ND	0.042
Endrin	1	89.00	0.0006	ND	17
Endosulfan II	1	89.00	0.0005	ND	NLE
4,4'-DDD	1	89.00	0.0007	0.004	3
Endrin Aldehyde	1	89.00	0.0006	ND	NLE
4,4'-DDT	1	89.00	0.0012	0.019	2
Endosulfan-Sulfate	1	89.00	0.0005	ND	NLE
gamma -Chlordane	1	89.00	0.0006	ND	NLE
alpha-Chlordane	1	89.00	0.0006	ND	NLE
Toxaphene	1	89.00	0.0003	ND	0.1
Arochlor 1016	1	89.00	0.0126	ND	0.49
Arochlor 1221	1	89.00	0.0232	ND	0.49
Arochlor 1232	1	89.00	0.0158	ND	0.49
Arochlor 1242	1	89.00	0.0180	ND	0.49
Arochlor 1248	1	89.00	0.0072	ND	0.49
Arochlor 1254	1	89.00	0.0045	ND	0.49
Arochlor 1260	1	89.00	0.0041	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3805.18
	DPW. SELFM-PW-EV	**Date Rec'd:**	8/12/98
	Bldg. 173	**Extraction Date:**	8/14/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	9/11/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-205

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	88.64	0.0003	ND	NLE
beta-BHC	1	88.64	0.0003	ND	NLE
gamma-BHC	1	88.64	0.0004	ND	0.52
delta-BHC	1	88.64	0.0004	ND	NLE
Heptachlor	1	88.64	0.0003	ND	0.15
Aldrin	1	88.64	0.0004	ND	0.04
Heptachlor Epoxide	1	88.64	0.0006	ND	NLE
Endosulfan I	1	88.64	0.0005	ND	NLE
4,4'-DDE	1	88.64	0.0004	ND	2
Dieldrin	1	88.64	0.0005	ND	0.042
Endrin	1	88.64	0.0005	ND	17
Endosulfan II	1	88.64	0.0004	ND	NLE
4,4'-DDD	1	88.64	0.0006	ND	3
Endrin Aldehyde	1	88.64	0.0005	ND	NLE
4,4'-DDT	1	88.64	0.0011	ND	2
Endosulfan-Sulfate	1	88.64	0.0004	ND	NLE
gamma -Chlordane	1	88.64	0.0005	ND	NLE
alpha-Chlordane	1	88.64	0.0005	ND	NLE
Toxaphene	1	88.64	0.0003	ND	0.1
Arochlor 1016	1	88.64	0.0114	ND	0.49
Arochlor 1221	1	88.64	0.0210	ND	0.49
Arochlor 1232	1	88.64	0.0143	ND	0.49
Arochlor 1242	1	88.64	0.0163	ND	0.49
Arochlor 1248	1	88.64	0.0065	ND	0.49
Arochlor 1254	1	88.64	0.0041	ND	0.49
Arochlor 1260	1	88.64	0.0037	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3805.20
	DPW. SELFM-PW-EV	**Date Rec'd:**	8/12/98
	Bldg. 173	**Extraction Date:**	8/14/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	9/11/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-206

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	82.69	0.0004	ND	NLE
beta-BHC	1	82.69	0.0004	ND	NLE
gamma-BHC	1	82.69	0.0005	ND	0.52
delta-BHC	1	82.69	0.0005	ND	NLE
Heptachlor	1	82.69	0.0004	ND	0.15
Aldrin	1	82.69	0.0005	ND	0.04
Heptachlor Epoxide	1	82.69	0.0007	ND	NLE
Endosulfan I	1	82.69	0.0006	ND	NLE
4,4'-DDE	1	82.69	0.0005	0.004	2
Dieldrin	1	82.69	0.0006	ND	0.042
Endrin	1	82.69	0.0006	ND	17
Endosulfan II	1	82.69	0.0005	ND	NLE
4,4'-DDD	1	82.69	0.0007	0.003	3
Endrin Aldehyde	1	82.69	0.0006	ND	NLE
4,4'-DDT	1	82.69	0.0013	0.003	2
Endosulfan-Sulfate	1	82.69	0.0005	ND	NLE
gamma -Chlordane	1	82.69	0.0006	ND	NLE
alpha-Chlordane	1	82.69	0.0006	ND	NLE
Toxaphene	1	82.69	0.0004	ND	0.1
Arochlor 1016	1	82.69	0.0132	ND	0.49
Arochlor 1221	1	82.69	0.0243	ND	0.49
Arochlor 1232	1	82.69	0.0165	ND	0.49
Arochlor 1242	1	82.69	0.0189	ND	0.49
Arochlor 1248	1	82.69	0.0075	ND	0.49
Arochlor 1254	1	82.69	0.0047	ND	0.49
Arochlor 1260	1	82.69	0.0042	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3805.22
	DPW. SELFM-PW-EV	**Date Rec'd:**	8/12/98
	Bldg. 173	**Extraction Date:**	8/14/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	9/11/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-207

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	86.53	0.0003	ND	NLE
beta-BHC	1	86.53	0.0003	ND	NLE
gamma-BHC	1	86.53	0.0005	ND	0.52
delta-BHC	1	86.53	0.0005	ND	NLE
Heptachlor	1	86.53	0.0003	ND	0.15
Aldrin	1	86.53	0.0005	ND	0.04
Heptachlor Epoxide	1	86.53	0.0007	ND	NLE
Endosulfan I	1	86.53	0.0006	ND	NLE
4,4'-DDE	1	86.53	0.0005	ND	2
Dieldrin	1	86.53	0.0006	ND	0.042
Endrin	1	86.53	0.0006	ND	17
Endosulfan II	1	86.53	0.0005	ND	NLE
4,4'-DDD	1	86.53	0.0007	ND	3
Endrin Aldehyde	1	86.53	0.0006	ND	NLE
4,4'-DDT	1	86.53	0.0013	ND	2
Endosulfan-Sulfate	1	86.53	0.0005	ND	NLE
gamma -Chlordane	1	86.53	0.0006	ND	NLE
alpha-Chlordane	1	86.53	0.0006	ND	NLE
Toxaphene	1	86.53	0.0003	ND	0.1
Arochlor 1016	1	86.53	0.0129	ND	0.49
Arochlor 1221	1	86.53	0.0238	ND	0.49
Arochlor 1232	1	86.53	0.0162	ND	0.49
Arochlor 1242	1	86.53	0.0185	ND	0.49
Arochlor 1248	1	86.53	0.0074	ND	0.49
Arochlor 1254	1	86.53	0.0046	0.165	0.49
Arochlor 1260	1	86.53	0.0042	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3805.24
	DPW. SELFM-PW-EV	**Date Rec'd:**	8/12/98
	Bldg. 173	**Extraction Date:**	8/14/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	9/11/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-208

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	79.60	0.0004	ND	NLE
beta-BHC	1	79.60	0.0004	ND	NLE
gamma-BHC	1	79.60	0.0005	ND	0.52
delta-BHC	1	79.60	0.0005	ND	NLE
Heptachlor	1	79.60	0.0004	ND	0.15
Aldrin	1	79.60	0.0005	ND	0.04
Heptachlor Epoxide	1	79.60	0.0008	ND	NLE
Endosulfan I	1	79.60	0.0006	ND	NLE
4,4'-DDE	1	79.60	0.0005	0.005	2
Dieldrin	1	79.60	0.0006	ND	0.042
Endrin	1	79.60	0.0006	ND	17
Endosulfan II	1	79.60	0.0005	ND	NLE
4,4'-DDD	1	79.60	0.0008	ND	3
Endrin Aldehyde	1	79.60	0.0006	ND	NLE
4,4'-DDT	1	79.60	0.0014	0.006	2
Endosulfan-Sulfate	1	79.60	0.0005	ND	NLE
gamma -Chlordane	1	79.60	0.0006	ND	NLE
alpha-Chlordane	1	79.60	0.0006	ND	NLE
Toxaphene	1	79.60	0.0004	ND	0.1
Arochlor 1016	1	79.60	0.0141	ND	0.49
Arochlor 1221	1	79.60	0.0259	ND	0.49
Arochlor 1232	1	79.60	0.0176	ND	0.49
Arochlor 1242	1	79.60	0.0201	ND	0.49
Arochlor 1248	1	79.60	0.0080	ND	0.49
Arochlor 1254	1	79.60	0.0050	ND	0.49
Arochlor 1260	1	79.60	0.0045	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3805.26
	DPW. SELFM-PW-EV	**Date Rec'd:**	8/12/98
	Bldg. 173	**Extraction Date:**	8/14/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	9/11/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-209

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	96.69	0.0003	ND	NLE
beta-BHC	1	96.69	0.0003	ND	NLE
gamma-BHC	1	96.69	0.0004	ND	0.52
delta-BHC	1	96.69	0.0004	ND	NLE
Heptachlor	1	96.69	0.0003	ND	0.15
Aldrin	1	96.69	0.0004	ND	0.04
Heptachlor Epoxide	1	96.69	0.0006	ND	NLE
Endosulfan I	1	96.69	0.0005	ND	NLE
4,4'-DDE	1	96.69	0.0004	0.028	2
Dieldrin	1	96.69	0.0005	ND	0.042
Endrin	1	96.69	0.0005	ND	17
Endosulfan II	1	96.69	0.0004	ND	NLE
4,4'-DDD	1	96.69	0.0006	0.025	3
Endrin Aldehyde	1	96.69	0.0005	ND	NLE
4,4'-DDT	2	96.69	0.0021	0.167	2
Endosulfan-Sulfate	1	96.69	0.0004	ND	NLE
gamma -Chlordane	1	96.69	0.0005	ND	NLE
alpha-Chlordane	1	96.69	0.0005	ND	NLE
Toxaphene	1	96.69	0.0003	ND	0.1
Arochlor 1016	1	96.69	0.0105	ND	0.49
Arochlor 1221	1	96.69	0.0193	ND	0.49
Arochlor 1232	1	96.69	0.0131	ND	0.49
Arochlor 1242	1	96.69	0.0150	ND	0.49
Arochlor 1248	1	96.69	0.0060	ND	0.49
Arochlor 1254	1	96.69	0.0037	ND	0.49
Arochlor 1260	1	96.69	0.0034	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3805.28
	DPW. SELFM-PW-EV	**Date Rec'd:**	8/12/98
	Bldg. 173	**Extraction Date:**	8/14/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	9/11/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-210

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	94.39	0.0003	ND	NLE
beta-BHC	1	94.39	0.0003	ND	NLE
gamma-BHC	1	94.39	0.0004	ND	0.52
delta-BHC	1	94.39	0.0004	ND	NLE
Heptachlor	1	94.39	0.0003	ND	0.15
Aldrin	1	94.39	0.0004	ND	0.04
Heptachlor Epoxide	1	94.39	0.0006	ND	NLE
Endosulfan I	1	94.39	0.0005	ND	NLE
4,4'-DDE	1	94.39	0.0004	0.057	2
Dieldrin	1	94.39	0.0005	ND	0.042
Endrin	1	94.39	0.0005	ND	17
Endosulfan II	1	94.39	0.0004	ND	NLE
4,4'-DDD	1	94.39	0.0006	0.014	3
Endrin Aldehyde	1	94.39	0.0005	ND	NLE
4,4'-DDT	1	94.39	0.0011	0.025	2
Endosulfan-Sulfate	1	94.39	0.0004	ND	NLE
gamma -Chlordane	1	94.39	0.0005	ND	NLE
alpha-Chlordane	1	94.39	0.0005	ND	NLE
Toxaphene	1	94.39	0.0003	ND	0.1
Arochlor 1016	1	94.39	0.0114	ND	0.49
Arochlor 1221	1	94.39	0.0210	ND	0.49
Arochlor 1232	1	94.39	0.0142	ND	0.49
Arochlor 1242	1	94.39	0.0163	ND	0.49
Arochlor 1248	1	94.39	0.0065	ND	0.49
Arochlor 1254	1	94.39	0.0041	ND	0.49
Arochlor 1260	1	94.39	0.0037	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3805.30
	DPW. SELFM-PW-EV	**Date Rec'd:**	8/12/98
	Bldg. 173	**Extraction Date:**	8/14/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	9/11/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-211

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	95.10	0.0003	ND	NLE
beta-BHC	1	95.10	0.0003	ND	NLE
gamma-BHC	1	95.10	0.0004	ND	0.52
delta-BHC	1	95.10	0.0004	ND	NLE
Heptachlor	1	95.10	0.0003	ND	0.15
Aldrin	1	95.10	0.0004	ND	0.04
Heptachlor Epoxide	1	95.10	0.0006	ND	NLE
Endosulfan I	1	95.10	0.0005	ND	NLE
4,4'-DDE	1	95.10	0.0004	0.057	2
Dieldrin	1	95.10	0.0005	ND	0.042
Endrin	1	95.10	0.0005	ND	17
Endosulfan II	1	95.10	0.0004	ND	NLE
4,4'-DDD	1	95.10	0.0006	0.008	3
Endrin Aldehyde	1	95.10	0.0005	ND	NLE
4,4'-DDT	1	95.10	0.0012	0.014	2
Endosulfan-Sulfate	1	95.10	0.0004	ND	NLE
gamma -Chlordane	1	95.10	0.0005	ND	NLE
alpha-Chlordane	1	95.10	0.0005	ND	NLE
Toxaphene	1	95.10	0.0003	ND	0.1
Arochlor 1016	1	95.10	0.0119	ND	0.49
Arochlor 1221	1	95.10	0.0219	ND	0.49
Arochlor 1232	1	95.10	0.0149	ND	0.49
Arochlor 1242	1	95.10	0.0170	ND	0.49
Arochlor 1248	1	95.10	0.0068	ND	0.49
Arochlor 1254	1	95.10	0.0042	ND	0.49
Arochlor 1260	1	95.10	0.0038	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3809.02
	DPW. SELFM-PW-EV	**Date Rec'd:**	8/10/98
	Bldg. 173	**Extraction Date:**	8/14/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	9/22/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-212

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	83.77	0.0004	ND	NLE
beta-BHC	1	83.77	0.0004	ND	NLE
gamma-BHC	1	83.77	0.0005	ND	0.52
delta-BHC	1	83.77	0.0005	ND	NLE
Heptachlor	1	83.77	0.0004	ND	0.15
Aldrin	1	83.77	0.0005	ND	0.04
Heptachlor Epoxide	1	83.77	0.0007	ND	NLE
Endosulfan I	1	83.77	0.0006	ND	NLE
4,4'-DDE	1	83.77	0.0005	ND	2
Dieldrin	1	83.77	0.0006	ND	0.042
Endrin	1	83.77	0.0006	ND	17
Endosulfan II	1	83.77	0.0005	ND	NLE
4,4'-DDD	1	83.77	0.0007	ND	3
Endrin Aldehyde	1	83.77	0.0006	ND	NLE
4,4'-DDT	1	83.77	0.0013	ND	2
Endosulfan-Sulfate	1	83.77	0.0005	ND	NLE
gamma -Chlordane	1	83.77	0.0006	ND	NLE
alpha-Chlordane	1	83.77	0.0006	ND	NLE
Toxaphene	1	83.77	0.0004	ND	0.1
Arochlor 1016	1	83.77	0.0134	ND	0.49
Arochlor 1221	1	83.77	0.0247	ND	0.49
Arochlor 1232	1	83.77	0.0168	ND	0.49
Arochlor 1242	1	83.77	0.0192	ND	0.49
Arochlor 1248	1	83.77	0.0077	ND	0.49
Arochlor 1254	1	83.77	0.0048	ND	0.49
Arochlor 1260	1	83.77	0.0043	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3809.04
	DPW. SELFM-PW-EV	**Date Rec'd:**	8/10/98
	Bldg. 173	**Extraction Date:**	8/14/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	9/22/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-213

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	10	78.40	0.0035	ND	NLE
beta-BHC	10	78.40	0.0035	ND	NLE
gamma-BHC	10	78.40	0.0046	ND	0.52
delta-BHC	10	78.40	0.0046	ND	NLE
Heptachlor	10	78.40	0.0035	ND	0.15
Aldrin	10	78.40	0.0046	ND	0.04
Heptachlor Epoxide	10	78.40	0.0070	ND	NLE
Endosulfan I	10	78.40	0.0058	ND	NLE
4,4'-DDE	10	78.40	0.0046	0.473	2
Dieldrin	10	78.40	0.0058	ND	0.042
Endrin	10	78.40	0.0058	ND	17
Endosulfan II	10	78.40	0.0046	ND	NLE
4,4'-DDD	10	78.40	0.0070	0.814	3
Endrin Aldehyde	10	78.40	0.0058	ND	NLE
4,4'-DDT	10	78.40	0.0128	1.042	2
Endosulfan-Sulfate	10	78.40	0.0046	ND	NLE
gamma -Chlordane	10	78.40	0.0058	ND	NLE
alpha-Chlordane	10	78.40	0.0058	ND	NLE
Toxaphene	10	78.40	0.0035	ND	0.1
Arochlor 1016	10	78.40	0.1299	ND	0.49
Arochlor 1221	10	78.40	0.2389	ND	0.49
Arochlor 1232	10	78.40	0.1623	ND	0.49
Arochlor 1242	10	78.40	0.1855	ND	0.49
Arochlor 1248	10	78.40	0.0742	ND	0.49
Arochlor 1254	10	78.40	0.0464	ND	0.49
Arochlor 1260	10	78.40	0.0417	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3809.06
	DPW. SELFM-PW-EV	**Date Rec'd:**	8/10/98
	Bldg. 173	**Extraction Date:**	8/14/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	9/22/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-214

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	10	87.17	0.0034	ND	NLE
beta-BHC	10	87.17	0.0034	ND	NLE
gamma-BHC	10	87.17	0.0045	ND	0.52
delta-BHC	10	87.17	0.0045	ND	NLE
Heptachlor	10	87.17	0.0034	ND	0.15
Aldrin	10	87.17	0.0045	ND	0.04
Heptachlor Epoxide	10	87.17	0.0067	ND	NLE
Endosulfan I	10	87.17	0.0056	ND	NLE
4,4'-DDE	10	87.17	0.0045	0.313	2
Dieldrin	10	87.17	0.0056	ND	0.042
Endrin	10	87.17	0.0056	ND	17
Endosulfan II	10	87.17	0.0045	ND	NLE
4,4'-DDD	10	87.17	0.0067	0.214	3
Endrin Aldehyde	10	87.17	0.0056	ND	NLE
4,4'-DDT	100	87.17	0.1236	0.463	2
Endosulfan-Sulfate	10	87.17	0.0045	ND	NLE
gamma -Chlordane	10	87.17	0.0056	ND	NLE
alpha-Chlordane	10	87.17	0.0056	ND	NLE
Toxaphene	10	87.17	0.0034	ND	0.1
Arochlor 1016	10	87.17	0.1258	ND	0.49
Arochlor 1221	10	87.17	0.2315	ND	0.49
Arochlor 1232	10	87.17	0.1573	ND	0.49
Arochlor 1242	10	87.17	0.1798	ND	0.49
Arochlor 1248	10	87.17	0.0719	ND	0.49
Arochlor 1254	10	87.17	0.0449	ND	0.49
Arochlor 1260	10	87.17	0.0404	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3809.08
	DPW. SELFM-PW-EV	**Date Rec'd:**	8/10/98
	Bldg. 173	**Extraction Date:**	8/14/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	9/22/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-215

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	94.34	0.0003	ND	NLE
beta-BHC	1	94.34	0.0003	ND	NLE
gamma-BHC	1	94.34	0.0004	ND	0.52
delta-BHC	1	94.34	0.0004	ND	NLE
Heptachlor	1	94.34	0.0003	ND	0.15
Aldrin	1	94.34	0.0004	ND	0.04
Heptachlor Epoxide	1	94.34	0.0006	ND	NLE
Endosulfan I	1	94.34	0.0005	ND	NLE
4,4'-DDE	1	94.34	0.0004	0.013	2
Dieldrin	1	94.34	0.0005	ND	0.042
Endrin	1	94.34	0.0005	ND	17
Endosulfan II	1	94.34	0.0004	ND	NLE
4,4'-DDD	1	94.34	0.0006	0.004	3
Endrin Aldehyde	1	94.34	0.0005	ND	NLE
4,4'-DDT	1	94.34	0.0011	0.015	2
Endosulfan-Sulfate	1	94.34	0.0004	ND	NLE
gamma -Chlordane	1	94.34	0.0005	ND	NLE
alpha-Chlordane	1	94.34	0.0005	ND	NLE
Toxaphene	1	94.34	0.0003	ND	0.1
Arochlor 1016	1	94.34	0.0114	ND	0.49
Arochlor 1221	1	94.34	0.0209	ND	0.49
Arochlor 1232	1	94.34	0.0142	ND	0.49
Arochlor 1242	1	94.34	0.0162	ND	0.49
Arochlor 1248	1	94.34	0.0065	ND	0.49
Arochlor 1254	1	94.34	0.0041	ND	0.49
Arochlor 1260	1	94.34	0.0037	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3809.10
	DPW. SELFM-PW-EV	**Date Rec'd:**	8/10/98
	Bldg. 173	**Extraction Date:**	8/14/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	9/22/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-216

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	94.40	0.0003	ND	NLE
beta-BHC	1	94.40	0.0003	ND	NLE
gamma-BHC	1	94.40	0.0004	ND	0.52
delta-BHC	1	94.40	0.0004	ND	NLE
Heptachlor	1	94.40	0.0003	ND	0.15
Aldrin	1	94.40	0.0004	ND	0.04
Heptachlor Epoxide	1	94.40	0.0006	ND	NLE
Endosulfan I	1	94.40	0.0005	ND	NLE
4,4'-DDE	1	94.40	0.0004	0.088	2
Dieldrin	1	94.40	0.0005	ND	0.042
Endrin	1	94.40	0.0005	ND	17
Endosulfan II	1	94.40	0.0004	ND	NLE
4,4'-DDD	1	94.40	0.0006	0.008	3
Endrin Aldehyde	1	94.40	0.0005	ND	NLE
4,4'-DDT	5	94.40	0.0056	0.106	2
Endosulfan-Sulfate	1	94.40	0.0004	ND	NLE
gamma -Chlordane	1	94.40	0.0005	ND	NLE
alpha-Chlordane	1	94.40	0.0005	ND	NLE
Toxaphene	1	94.40	0.0003	ND	0.1
Arochlor 1016	1	94.40	0.0115	ND	0.49
Arochlor 1221	1	94.40	0.0211	ND	0.49
Arochlor 1232	1	94.40	0.0143	ND	0.49
Arochlor 1242	1	94.40	0.0164	ND	0.49
Arochlor 1248	1	94.40	0.0065	ND	0.49
Arochlor 1254	1	94.40	0.0041	ND	0.49
Arochlor 1260	1	94.40	0.0037	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3809.12
	DPW. SELFM-PW-EV	**Date Rec'd:**	8/10/98
	Bldg. 173	**Extraction Date:**	8/14/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	9/22/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-217

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	93.08	0.0003	ND	NLE
beta-BHC	1	93.08	0.0003	ND	NLE
gamma-BHC	1	93.08	0.0004	ND	0.52
delta-BHC	1	93.08	0.0004	ND	NLE
Heptachlor	1	93.08	0.0003	0.004	0.15
Aldrin	1	93.08	0.0004	ND	0.04
Heptachlor Epoxide	1	93.08	0.0006	0.023	NLE
Endosulfan I	1	93.08	0.0005	ND	NLE
4,4'-DDE	1	93.08	0.0004	0.013	2
Dieldrin	1	93.08	0.0005	0.004	0.042
Endrin	1	93.08	0.0005	ND	17
Endosulfan II	1	93.08	0.0004	ND	NLE
4,4'-DDD	1	93.08	0.0006	0.012	3
Endrin Aldehyde	1	93.08	0.0005	ND	NLE
4,4'-DDT	1	93.08	0.0011	0.039	2
Endosulfan-Sulfate	1	93.08	0.0004	ND	NLE
gamma -Chlordane	1	93.08	0.0005	0.004	NLE
alpha-Chlordane	1	93.08	0.0005	0.001	NLE
Toxaphene	1	93.08	0.0003	ND	0.1
Arochlor 1016	1	93.08	0.0112	ND	0.49
Arochlor 1221	1	93.08	0.0207	ND	0.49
Arochlor 1232	1	93.08	0.0141	ND	0.49
Arochlor 1242	1	93.08	0.0161	ND	0.49
Arochlor 1248	1	93.08	0.0064	ND	0.49
Arochlor 1254	1	93.08	0.0040	ND	0.49
Arochlor 1260	1	93.08	0.0036	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3809.14
	DPW. SELFM-PW-EV	**Date Rec'd:**	8/10/98
	Bldg. 173	**Extraction Date:**	8/14/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	9/22/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-218

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	10	94.48	0.0030	ND	NLE
beta-BHC	10	94.48	0.0030	ND	NLE
gamma-BHC	10	94.48	0.0039	ND	0.52
delta-BHC	10	94.48	0.0039	ND	NLE
Heptachlor	10	94.48	0.0030	ND	0.15
Aldrin	10	94.48	0.0039	ND	0.04
Heptachlor Epoxide	10	94.48	0.0059	ND	NLE
Endosulfan I	10	94.48	0.0049	ND	NLE
4,4'-DDE	10	94.48	0.0039	0.315	2
Dieldrin	10	94.48	0.0049	ND	0.042
Endrin	10	94.48	0.0049	ND	17
Endosulfan II	10	94.48	0.0039	ND	NLE
4,4'-DDD	10	94.48	0.0059	0.170	3
Endrin Aldehyde	10	94.48	0.0049	ND	NLE
4,4'-DDT	10	94.48	0.0108	0.444	2
Endosulfan-Sulfate	10	94.48	0.0039	ND	NLE
gamma -Chlordane	10	94.48	0.0049	ND	NLE
alpha-Chlordane	10	94.48	0.0049	ND	NLE
Toxaphene	10	94.48	0.0030	ND	0.1
Arochlor 1016	10	94.48	0.1102	ND	0.49
Arochlor 1221	10	94.48	0.2026	ND	0.49
Arochlor 1232	10	94.48	0.1377	ND	0.49
Arochlor 1242	10	94.48	0.1574	ND	0.49
Arochlor 1248	10	94.48	0.0630	ND	0.49
Arochlor 1254	10	94.48	0.0393	ND	0.49
Arochlor 1260	10	94.48	0.0354	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3809.16
	DPW. SELFM-PW-EV	**Date Rec'd:**	8/10/98
	Bldg. 173	**Extraction Date:**	8/14/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	9/22/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-219

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	10	93.99	0.0030	ND	NLE
beta-BHC	10	93.99	0.0030	ND	NLE
gamma-BHC	10	93.99	0.0040	ND	0.52
delta-BHC	10	93.99	0.0040	ND	NLE
Heptachlor	10	93.99	0.0030	ND	0.15
Aldrin	10	93.99	0.0040	ND	0.04
Heptachlor Epoxide	10	93.99	0.0060	ND	NLE
Endosulfan I	10	93.99	0.0050	ND	NLE
4,4'-DDE	10	93.99	0.0040	0.233	2
Dieldrin	10	93.99	0.0050	ND	0.042
Endrin	10	93.99	0.0050	ND	17
Endosulfan II	10	93.99	0.0040	ND	NLE
4,4'-DDD	10	93.99	0.0060	0.082	3
Endrin Aldehyde	10	93.99	0.0050	ND	NLE
4,4'-DDT	10	93.99	0.0110	0.472	2
Endosulfan-Sulfate	10	93.99	0.0040	ND	NLE
gamma -Chlordane	10	93.99	0.0050	ND	NLE
alpha-Chlordane	10	93.99	0.0050	ND	NLE
Toxaphene	10	93.99	0.0030	ND	0.1
Arochlor 1016	10	93.99	0.1119	ND	0.49
Arochlor 1221	10	93.99	0.2058	ND	0.49
Arochlor 1232	10	93.99	0.1399	ND	0.49
Arochlor 1242	10	93.99	0.1598	ND	0.49
Arochlor 1248	10	93.99	0.0639	ND	0.49
Arochlor 1254	10	93.99	0.0400	ND	0.49
Arochlor 1260	10	93.99	0.0360	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3809.18
	DPW. SELFM-PW-EV	**Date Rec'd:**	8/10/98
	Bldg. 173	**Extraction Date:**	8/14/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	9/22/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-220

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	95.20	0.0003	ND	NLE
beta-BHC	1	95.20	0.0003	ND	NLE
gamma-BHC	1	95.20	0.0004	ND	0.52
delta-BHC	1	95.20	0.0004	ND	NLE
Heptachlor	1	95.20	0.0003	ND	0.15
Aldrin	1	95.20	0.0004	ND	0.04
Heptachlor Epoxide	1	95.20	0.0006	ND	NLE
Endosulfan I	1	95.20	0.0005	ND	NLE
4,4'-DDE	1	95.20	0.0004	0.104	2
Dieldrin	1	95.20	0.0005	ND	0.042
Endrin	1	95.20	0.0005	ND	17
Endosulfan II	1	95.20	0.0004	ND	NLE
4,4'-DDD	1	95.20	0.0006	0.021	3
Endrin Aldehyde	1	95.20	0.0005	ND	NLE
4,4'-DDT	5	95.20	0.0058	0.150	2
Endosulfan-Sulfate	1	95.20	0.0004	ND	NLE
gamma -Chlordane	1	95.20	0.0005	ND	NLE
alpha-Chlordane	1	95.20	0.0005	ND	NLE
Toxaphene	1	95.20	0.0003	ND	0.1
Arochlor 1016	1	95.20	0.0118	ND	0.49
Arochlor 1221	1	95.20	0.0218	ND	0.49
Arochlor 1232	1	95.20	0.0148	ND	0.49
Arochlor 1242	1	95.20	0.0169	ND	0.49
Arochlor 1248	1	95.20	0.0068	ND	0.49
Arochlor 1254	1	95.20	0.0042	ND	0.49
Arochlor 1260	1	95.20	0.0038	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3809.20
	DPW. SELFM-PW-EV	**Date Rec'd:**	8/10/98
	Bldg. 173	**Extraction Date:**	8/14/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	9/23/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-221

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	88.54	0.0003	ND	NLE
beta-BHC	1	88.54	0.0003	ND	NLE
gamma-BHC	1	88.54	0.0005	ND	0.52
delta-BHC	1	88.54	0.0005	ND	NLE
Heptachlor	1	88.54	0.0003	ND	0.15
Aldrin	1	88.54	0.0005	ND	0.04
Heptachlor Epoxide	1	88.54	0.0007	ND	NLE
Endosulfan I	1	88.54	0.0006	ND	NLE
4,4'-DDE	200	88.54	0.0907	0.433	2
Dieldrin	1	88.54	0.0006	ND	0.042
Endrin	1	88.54	0.0006	ND	17
Endosulfan II	1	88.54	0.0005	ND	NLE
4,4'-DDD	200	88.54	0.1361	2.225	3
Endrin Aldehyde	1	88.54	0.0006	ND	NLE
4,4'-DDT	200	88.54	0.2495	5.604	2
Endosulfan-Sulfate	1	88.54	0.0005	ND	NLE
gamma -Chlordane	1	88.54	0.0006	ND	NLE
alpha-Chlordane	1	88.54	0.0006	ND	NLE
Toxaphene	1	88.54	0.0003	ND	0.1
Arochlor 1016	1	88.54	0.0127	ND	0.49
Arochlor 1221	1	88.54	0.0234	ND	0.49
Arochlor 1232	1	88.54	0.0159	ND	0.49
Arochlor 1242	1	88.54	0.0181	ND	0.49
Arochlor 1248	1	88.54	0.0073	ND	0.49
Arochlor 1254	1	88.54	0.0045	ND	0.49
Arochlor 1260	1	88.54	0.0041	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3809.22
	DPW. SELFM-PW-EV	**Date Rec'd:**	8/10/98
	Bldg. 173	**Extraction Date:**	8/14/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	9/23/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-222

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	86.96	0.0003	ND	NLE
beta-BHC	1	86.96	0.0003	ND	NLE
gamma-BHC	1	86.96	0.0004	ND	0.52
delta-BHC	1	86.96	0.0004	ND	NLE
Heptachlor	1	86.96	0.0003	ND	0.15
Aldrin	1	86.96	0.0004	ND	0.04
Heptachlor Epoxide	1	86.96	0.0007	ND	NLE
Endosulfan I	1	86.96	0.0006	ND	NLE
4,4'-DDE	1	86.96	0.0004	0.068	2
Dieldrin	1	86.96	0.0006	ND	0.042
Endrin	1	86.96	0.0006	ND	17
Endosulfan II	1	86.96	0.0004	ND	NLE
4,4'-DDD	1	86.96	0.0007	0.030	3
Endrin Aldehyde	1	86.96	0.0006	ND	NLE
4,4'-DDT	20	86.96	0.0243	0.427	2
Endosulfan-Sulfate	1	86.96	0.0004	ND	NLE
gamma -Chlordane	1	86.96	0.0006	ND	NLE
alpha-Chlordane	1	86.96	0.0006	ND	NLE
Toxaphene	1	86.96	0.0003	ND	0.1
Arochlor 1016	1	86.96	0.0124	ND	0.49
Arochlor 1221	1	86.96	0.0228	ND	0.49
Arochlor 1232	1	86.96	0.0155	ND	0.49
Arochlor 1242	1	86.96	0.0177	ND	0.49
Arochlor 1248	1	86.96	0.0071	ND	0.49
Arochlor 1254	1	86.96	0.0044	ND	0.49
Arochlor 1260	1	86.96	0.0040	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3812.02
	DPW. SELFM-PW-EV	**Date Rec'd:**	8/14/98
	Bldg. 173	**Extraction Date:**	8/18/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	9/24/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-223

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	94.28	0.0003	ND	NLE
beta-BHC	1	94.28	0.0003	ND	NLE
gamma-BHC	1	94.28	0.0004	ND	0.52
delta-BHC	1	94.28	0.0004	ND	NLE
Heptachlor	1	94.28	0.0003	ND	0.15
Aldrin	1	94.28	0.0004	ND	0.04
Heptachlor Epoxide	1	94.28	0.0006	ND	NLE
Endosulfan I	1	94.28	0.0005	ND	NLE
4,4'-DDE	20	94.28	0.0078	0.644	2
Dieldrin	1	94.28	0.0005	ND	0.042
Endrin	1	94.28	0.0005	ND	17
Endosulfan II	1	94.28	0.0004	ND	NLE
4,4'-DDD	1	94.28	0.0006	ND	3
Endrin Aldehyde	1	94.28	0.0005	0.061	NLE
4,4'-DDT	20	94.28	0.0213	1.237	2
Endosulfan-Sulfate	1	94.28	0.0004	ND	NLE
gamma -Chlordane	1	94.28	0.0005	ND	NLE
alpha-Chlordane	1	94.28	0.0005	ND	NLE
Toxaphene	1	94.28	0.0003	ND	0.1
Arochlor 1016	1	94.28	0.0109	ND	0.49
Arochlor 1221	1	94.28	0.0200	ND	0.49
Arochlor 1232	1	94.28	0.0136	ND	0.49
Arochlor 1242	1	94.28	0.0155	ND	0.49
Arochlor 1248	1	94.28	0.0062	ND	0.49
Arochlor 1254	1	94.28	0.0039	ND	0.49
Arochlor 1260	1	94.28	0.0035	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3812.04
	DPW. SELFM-PW-EV	**Date Rec'd:**	8/14/98
	Bldg. 173	**Extraction Date:**	8/18/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	9/24/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-224

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	96.01	0.0003	ND	NLE
beta-BHC	1	96.01	0.0003	ND	NLE
gamma-BHC	1	96.01	0.0004	ND	0.52
delta-BHC	1	96.01	0.0004	ND	NLE
Heptachlor	1	96.01	0.0003	ND	0.15
Aldrin	1	96.01	0.0004	ND	0.04
Heptachlor Epoxide	1	96.01	0.0006	0.010	NLE
Endosulfan I	1	96.01	0.0005	ND	NLE
4,4'-DDE	1	96.01	0.0004	0.024	2
Dieldrin	1	96.01	0.0005	0.003	0.042
Endrin	1	96.01	0.0005	ND	17
Endosulfan II	1	96.01	0.0004	ND	NLE
4,4'-DDD	1	96.01	0.0006	0.004	3
Endrin Aldehyde	1	96.01	0.0005	ND	NLE
4,4'-DDT	1	96.01	0.0011	0.050	2
Endosulfan-Sulfate	1	96.01	0.0004	ND	NLE
gamma -Chlordane	1	96.01	0.0005	0.002	NLE
alpha-Chlordane	1	96.01	0.0005	ND	NLE
Toxaphene	1	96.01	0.0003	ND	0.1
Arochlor 1016	1	96.01	0.0110	ND	0.49
Arochlor 1221	1	96.01	0.0202	ND	0.49
Arochlor 1232	1	96.01	0.0137	ND	0.49
Arochlor 1242	1	96.01	0.0157	ND	0.49
Arochlor 1248	1	96.01	0.0063	ND	0.49
Arochlor 1254	1	96.01	0.0039	ND	0.49
Arochlor 1260	1	96.01	0.0035	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	3812.06 8/14/98 8/18/98 9/24/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-225

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	96.07	0.0003	ND	NLE
beta-BHC	1	96.07	0.0003	ND	NLE
gamma-BHC	1	96.07	0.0004	ND	0.52
delta-BHC	1	96.07	0.0004	ND	NLE
Heptachlor	1	96.07	0.0003	ND	0.15
Aldrin	1	96.07	0.0004	ND	0.04
Heptachlor Epoxide	1	96.07	0.0006	ND	NLE
Endosulfan I	1	96.07	0.0005	ND	NLE
4,4'-DDE	20	96.07	0.0081	0.422	2
Dieldrin	1	96.07	0.0005	ND	0.042
Endrin	1	96.07	0.0005	ND	17
Endosulfan II	1	96.07	0.0004	ND	NLE
4,4'-DDD	1	96.07	0.0006	0.048	3
Endrin Aldehyde	1	96.07	0.0005	ND	NLE
4,4'-DDT	20	96.07	0.0224	1.000	2
Endosulfan-Sulfate	1	96.07	0.0004	ND	NLE
gamma -Chlordane	1	96.07	0.0005	ND	NLE
alpha-Chlordane	1	96.07	0.0005	ND	NLE
Toxaphene	1	96.07	0.0003	ND	0.1
Arochlor 1016	1	96.07	0.0114	ND	0.49
Arochlor 1221	1	96.07	0.0209	ND	0.49
Arochlor 1232	1	96.07	0.0142	ND	0.49
Arochlor 1242	1	96.07	0.0163	ND	0.49
Arochlor 1248	1	96.07	0.0065	ND	0.49
Arochlor 1254	1	96.07	0.0041	ND	0.49
Arochlor 1260	1	96.07	0.0037	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3812.08
	DPW. SELFM-PW-EV	**Date Rec'd:**	8/14/98
	Bldg. 173	**Extraction Date:**	8/18/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	9/24/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-226

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	93.78	0.0003	ND	NLE
beta-BHC	1	93.78	0.0003	ND	NLE
gamma-BHC	1	93.78	0.0004	ND	0.52
delta-BHC	1	93.78	0.0004	ND	NLE
Heptachlor	1	93.78	0.0003	ND	0.15
Aldrin	1	93.78	0.0004	ND	0.04
Heptachlor Epoxide	1	93.78	0.0006	ND	NLE
Endosulfan I	1	93.78	0.0005	ND	NLE
4,4'-DDE	100	93.78	0.0427	0.612	2
Dieldrin	1	93.78	0.0005	ND	0.042
Endrin	1	93.78	0.0005	ND	17
Endosulfan II	1	93.78	0.0004	ND	NLE
4,4'-DDD	100	93.78	0.0640	0.164	3
Endrin Aldehyde	1	93.78	0.0005	ND	NLE
4,4'-DDT	100	93.78	0.1173	0.973	2
Endosulfan-Sulfate	1	93.78	0.0004	ND	NLE
gamma -Chlordane	1	93.78	0.0005	ND	NLE
alpha-Chlordane	1	93.78	0.0005	ND	NLE
Toxaphene	1	93.78	0.0003	ND	0.1
Arochlor 1016	1	93.78	0.0119	ND	0.49
Arochlor 1221	1	93.78	0.0220	ND	0.49
Arochlor 1232	1	93.78	0.0149	ND	0.49
Arochlor 1242	1	93.78	0.0171	ND	0.49
Arochlor 1248	1	93.78	0.0068	ND	0.49
Arochlor 1254	1	93.78	0.0043	ND	0.49
Arochlor 1260	1	93.78	0.0038	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3812.10
	DPW. SELFM-PW-EV	**Date Rec'd:**	8/14/98
	Bldg. 173	**Extraction Date:**	8/18/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	9/24/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-227

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	10	79.87	0.0037	ND	NLE
beta-BHC	10	79.87	0.0037	ND	NLE
gamma-BHC	10	79.87	0.0049	ND	0.52
delta-BHC	10	79.87	0.0049	ND	NLE
Heptachlor	10	79.87	0.0037	ND	0.15
Aldrin	10	79.87	0.0049	ND	0.04
Heptachlor Epoxide	10	79.87	0.0074	ND	NLE
Endosulfan I	10	79.87	0.0062	ND	NLE
4,4'-DDE	10	79.87	0.0049	0.241	2
Dieldrin	10	79.87	0.0062	ND	0.042
Endrin	10	79.87	0.0062	ND	17
Endosulfan II	10	79.87	0.0049	ND	NLE
4,4'-DDD	10	79.87	0.0074	0.276	3
Endrin Aldehyde	10	79.87	0.0062	ND	NLE
4,4'-DDT	10	79.87	0.0135	0.859	2
Endosulfan-Sulfate	10	79.87	0.0049	ND	NLE
gamma -Chlordane	10	79.87	0.0062	ND	NLE
alpha-Chlordane	10	79.87	0.0062	ND	NLE
Toxaphene	10	79.87	0.0037	ND	0.1
Arochlor 1016	10	79.87	0.1379	ND	0.49
Arochlor 1221	10	79.87	0.2536	ND	0.49
Arochlor 1232	10	79.87	0.1724	ND	0.49
Arochlor 1242	10	79.87	0.1970	ND	0.49
Arochlor 1248	10	79.87	0.0788	ND	0.49
Arochlor 1254	10	79.87	0.0492	ND	0.49
Arochlor 1260	10	79.87	0.0443	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3812.12
	DPW. SELFM-PW-EV	**Date Rec'd:**	8/14/98
	Bldg. 173	**Extraction Date:**	8/18/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	9/24/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-228

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	10	88.43	0.0033	ND	NLE
beta-BHC	10	88.43	0.0033	ND	NLE
gamma-BHC	10	88.43	0.0044	ND	0.52
delta-BHC	10	88.43	0.0044	ND	NLE
Heptachlor	10	88.43	0.0033	ND	0.15
Aldrin	10	88.43	0.0044	ND	0.04
Heptachlor Epoxide	10	88.43	0.0066	ND	NLE
Endosulfan I	10	88.43	0.0055	ND	NLE
4,4'-DDE	10	88.43	0.0044	0.262	2
Dieldrin	10	88.43	0.0055	ND	0.042
Endrin	10	88.43	0.0055	ND	17
Endosulfan II	10	88.43	0.0044	ND	NLE
4,4'-DDD	10	88.43	0.0066	0.419	3
Endrin Aldehyde	10	88.43	0.0055	ND	NLE
4,4'-DDT	10	88.43	0.0121	ND	2
Endosulfan-Sulfate	100	88.43	0.0439	2.215	NLE
gamma -Chlordane	10	88.43	0.0055	ND	NLE
alpha-Chlordane	10	88.43	0.0055	ND	NLE
Toxaphene	10	88.43	0.0033	ND	0.1
Arochlor 1016	10	88.43	0.1228	ND	0.49
Arochlor 1221	10	88.43	0.2259	ND	0.49
Arochlor 1232	10	88.43	0.1536	ND	0.49
Arochlor 1242	10	88.43	0.1755	ND	0.49
Arochlor 1248	10	88.43	0.0702	ND	0.49
Arochlor 1254	10	88.43	0.0439	ND	0.49
Arochlor 1260	10	88.43	0.0395	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3812.14
	DPW. SELFM-PW-EV	**Date Rec'd:**	8/14/98
	Bldg. 173	**Extraction Date:**	8/18/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	9/24/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-229

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	10	92.90	0.0032	ND	NLE
beta-BHC	10	92.90	0.0032	ND	NLE
gamma-BHC	10	92.90	0.0042	ND	0.52
delta-BHC	10	92.90	0.0042	ND	NLE
Heptachlor	10	92.90	0.0032	ND	0.15
Aldrin	10	92.90	0.0042	ND	0.04
Heptachlor Epoxide	10	92.90	0.0064	ND	NLE
Endosulfan I	10	92.90	0.0053	ND	NLE
4,4'-DDE	10	92.90	0.0042	0.169	2
Dieldrin	10	92.90	0.0053	ND	0.042
Endrin	10	92.90	0.0053	ND	17
Endosulfan II	10	92.90	0.0042	ND	NLE
4,4'-DDD	10	92.90	0.0064	0.179	3
Endrin Aldehyde	10	92.90	0.0053	ND	NLE
4,4'-DDT	20	92.90	0.0233	1.070	2
Endosulfan-Sulfate	10	92.90	0.0042	ND	NLE
gamma -Chlordane	10	92.90	0.0053	ND	NLE
alpha-Chlordane	10	92.90	0.0053	ND	NLE
Toxaphene	10	92.90	0.0032	ND	0.1
Arochlor 1016	10	92.90	0.1187	ND	0.49
Arochlor 1221	10	92.90	0.2183	ND	0.49
Arochlor 1232	10	92.90	0.1483	ND	0.49
Arochlor 1242	10	92.90	0.1695	ND	0.49
Arochlor 1248	10	92.90	0.0678	ND	0.49
Arochlor 1254	10	92.90	0.0424	ND	0.49
Arochlor 1260	10	92.90	0.0381	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3812.16
	DPW. SELFM-PW-EV	**Date Rec'd:**	8/14/98
	Bldg. 173	**Extraction Date:**	8/18/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	9/24/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-230

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	5	94.32	0.0015	ND	NLE
beta-BHC	5	94.32	0.0015	ND	NLE
gamma-BHC	5	94.32	0.0021	ND	0.52
delta-BHC	5	94.32	0.0021	ND	NLE
Heptachlor	5	94.32	0.0015	ND	0.15
Aldrin	5	94.32	0.0021	ND	0.04
Heptachlor Epoxide	5	94.32	0.0031	ND	NLE
Endosulfan I	5	94.32	0.0026	ND	NLE
4,4'-DDE	20	94.32	0.0082	0.483	2
Dieldrin	5	94.32	0.0026	ND	0.042
Endrin	5	94.32	0.0026	ND	17
Endosulfan II	5	94.32	0.0021	ND	NLE
4,4'-DDD	5	94.32	0.0031	0.127	3
Endrin Aldehyde	5	94.32	0.0026	ND	NLE
4,4'-DDT	20	94.32	0.0226	0.833	2
Endosulfan-Sulfate	5	94.32	0.0021	ND	NLE
gamma -Chlordane	5	94.32	0.0026	ND	NLE
alpha-Chlordane	5	94.32	0.0026	ND	NLE
Toxaphene	5	94.32	0.0015	ND	0.1
Arochlor 1016	5	94.32	0.0575	ND	0.49
Arochlor 1221	5	94.32	0.1058	ND	0.49
Arochlor 1232	5	94.32	0.0719	ND	0.49
Arochlor 1242	5	94.32	0.0822	ND	0.49
Arochlor 1248	5	94.32	0.0329	ND	0.49
Arochlor 1254	5	94.32	0.0205	ND	0.49
Arochlor 1260	5	94.32	0.0185	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3812.18
	DPW. SELFM-PW-EV	**Date Rec'd:**	8/14/98
	Bldg. 173	**Extraction Date:**	8/18/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	9/24/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-231

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	5	95.49	0.0015	ND	NLE
beta-BHC	5	95.49	0.0015	ND	NLE
gamma-BHC	5	95.49	0.0020	ND	0.52
delta-BHC	5	95.49	0.0020	ND	NLE
Heptachlor	5	95.49	0.0015	ND	0.15
Aldrin	5	95.49	0.0020	ND	0.04
Heptachlor Epoxide	5	95.49	0.0031	ND	NLE
Endosulfan I	5	95.49	0.0025	ND	NLE
4,4'-DDE	20	95.49	0.0081	0.366	2
Dieldrin	5	95.49	0.0025	ND	0.042
Endrin	5	95.49	0.0025	ND	17
Endosulfan II	5	95.49	0.0020	ND	NLE
4,4'-DDD	5	95.49	0.0031	0.089	3
Endrin Aldehyde	5	95.49	0.0025	ND	NLE
4,4'-DDT	20	95.49	0.0224	0.626	2
Endosulfan-Sulfate	5	95.49	0.0020	ND	NLE
gamma -Chlordane	5	95.49	0.0025	ND	NLE
alpha-Chlordane	5	95.49	0.0025	ND	NLE
Toxaphene	5	95.49	0.0015	ND	0.1
Arochlor 1016	5	95.49	0.0569	ND	0.49
Arochlor 1221	5	95.49	0.1047	ND	0.49
Arochlor 1232	5	95.49	0.0712	ND	0.49
Arochlor 1242	5	95.49	0.0813	ND	0.49
Arochlor 1248	5	95.49	0.0325	ND	0.49
Arochlor 1254	5	95.49	0.0203	ND	0.49
Arochlor 1260	5	95.49	0.0183	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3827.02
	DPW. SELFM-PW-EV	**Date Rec'd:**	8/25/98
	Bldg. 173	**Extraction Date:**	8/26/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/1/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-232

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	10	92.76	0.0032	ND	NLE
beta-BHC	10	92.76	0.0032	ND	NLE
gamma-BHC	10	92.76	0.0043	ND	0.52
delta-BHC	10	92.76	0.0043	ND	NLE
Heptachlor	10	92.76	0.0032	ND	0.15
Aldrin	10	92.76	0.0043	ND	0.04
Heptachlor Epoxide	10	92.76	0.0064	ND	NLE
Endosulfan I	10	92.76	0.0053	ND	NLE
4,4'-DDE	10	92.76	0.0043	0.383	2
Dieldrin	10	92.76	0.0053	ND	0.042
Endrin	10	92.76	0.0053	ND	17
Endosulfan II	10	92.76	0.0043	ND	NLE
4,4'-DDD	10	92.76	0.0064	0.181	3
Endrin Aldehyde	10	92.76	0.0053	ND	NLE
4,4'-DDT	100	92.76	0.1171	1.344	2
Endosulfan-Sulfate	10	92.76	0.0043	ND	NLE
gamma -Chlordane	10	92.76	0.0053	0.007	NLE
alpha-Chlordane	10	92.76	0.0053	0.010	NLE
Toxaphene	10	92.76	0.0032	ND	0.1
Arochlor 1016	10	92.76	0.1192	ND	0.49
Arochlor 1221	10	92.76	0.2192	ND	0.49
Arochlor 1232	10	92.76	0.1490	ND	0.49
Arochlor 1242	10	92.76	0.1703	ND	0.49
Arochlor 1248	10	92.76	0.0681	ND	0.49
Arochlor 1254	10	92.76	0.0426	ND	0.49
Arochlor 1260	10	92.76	0.0383	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3827.04
	DPW. SELFM-PW-EV	**Date Rec'd:**	8/25/98
	Bldg. 173	**Extraction Date:**	8/26/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/1/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-233

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	2	88.40	0.0007	ND	NLE
beta-BHC	2	88.40	0.0007	ND	NLE
gamma-BHC	2	88.40	0.0009	ND	0.52
delta-BHC	2	88.40	0.0009	ND	NLE
Heptachlor	2	88.40	0.0007	ND	0.15
Aldrin	2	88.40	0.0009	ND	0.04
Heptachlor Epoxide	2	88.40	0.0013	ND	NLE
Endosulfan I	2	88.40	0.0011	ND	NLE
4,4'-DDE	2	88.40	0.0009	0.104	2
Dieldrin	2	88.40	0.0011	ND	0.042
Endrin	2	88.40	0.0011	ND	17
Endosulfan II	2	88.40	0.0009	ND	NLE
4,4'-DDD	2	88.40	0.0013	0.068	3
Endrin Aldehyde	2	88.40	0.0011	ND	NLE
4,4'-DDT	100	88.40	0.1200	0.345	2
Endosulfan-Sulfate	2	88.40	0.0009	ND	NLE
gamma -Chlordane	2	88.40	0.0011	ND	NLE
alpha-Chlordane	2	88.40	0.0011	ND	NLE
Toxaphene	2	88.40	0.0007	ND	0.1
Arochlor 1016	2	88.40	0.0244	ND	0.49
Arochlor 1221	2	88.40	0.0449	ND	0.49
Arochlor 1232	2	88.40	0.0305	ND	0.49
Arochlor 1242	2	88.40	0.0349	ND	0.49
Arochlor 1248	2	88.40	0.0140	ND	0.49
Arochlor 1254	2	88.40	0.0087	ND	0.49
Arochlor 1260	2	88.40	0.0079	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3827.06
	DPW. SELFM-PW-EV	**Date Rec'd:**	8/25/98
	Bldg. 173	**Extraction Date:**	8/26/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/1/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-234

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	5	83.52	0.0017	ND	NLE
beta-BHC	5	83.52	0.0017	ND	NLE
gamma-BHC	5	83.52	0.0023	ND	0.52
delta-BHC	5	83.52	0.0023	ND	NLE
Heptachlor	5	83.52	0.0017	ND	0.15
Aldrin	5	83.52	0.0023	ND	0.04
Heptachlor Epoxide	5	83.52	0.0034	ND	NLE
Endosulfan I	5	83.52	0.0028	ND	NLE
4,4'-DDE	5	83.52	0.0023	0.080	2
Dieldrin	5	83.52	0.0028	ND	0.042
Endrin	5	83.52	0.0028	ND	17
Endosulfan II	5	83.52	0.0023	ND	NLE
4,4'-DDD	5	83.52	0.0034	0.143	3
Endrin Aldehyde	5	83.52	0.0028	ND	NLE
4,4'-DDT	100	83.52	0.1244	1.143	2
Endosulfan-Sulfate	5	83.52	0.0023	ND	NLE
gamma -Chlordane	5	83.52	0.0028	ND	NLE
alpha-Chlordane	5	83.52	0.0028	ND	NLE
Toxaphene	5	83.52	0.0017	ND	0.1
Arochlor 1016	5	83.52	0.0633	ND	0.49
Arochlor 1221	5	83.52	0.1165	ND	0.49
Arochlor 1232	5	83.52	0.0791	ND	0.49
Arochlor 1242	5	83.52	0.0904	ND	0.49
Arochlor 1248	5	83.52	0.0362	ND	0.49
Arochlor 1254	5	83.52	0.0226	ND	0.49
Arochlor 1260	5	83.52	0.0204	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3827.08
	DPW. SELFM-PW-EV	**Date Rec'd:**	8/25/98
	Bldg. 173	**Extraction Date:**	8/26/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/1/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-235

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	5	90.78	0.0016	ND	NLE
beta-BHC	5	90.78	0.0016	ND	NLE
gamma-BHC	5	90.78	0.0021	ND	0.52
delta-BHC	5	90.78	0.0021	ND	NLE
Heptachlor	5	90.78	0.0016	ND	0.15
Aldrin	5	90.78	0.0021	ND	0.04
Heptachlor Epoxide	5	90.78	0.0032	ND	NLE
Endosulfan I	5	90.78	0.0026	ND	NLE
4,4'-DDE	5	90.78	0.0021	0.204	2
Dieldrin	5	90.78	0.0026	ND	0.042
Endrin	5	90.78	0.0026	ND	17
Endosulfan II	5	90.78	0.0021	ND	NLE
4,4'-DDD	5	90.78	0.0032	0.209	3
Endrin Aldehyde	5	90.78	0.0026	ND	NLE
4,4'-DDT	100	90.78	0.1163	1.028	2
Endosulfan-Sulfate	5	90.78	0.0021	ND	NLE
gamma -Chlordane	5	90.78	0.0026	ND	NLE
alpha-Chlordane	5	90.78	0.0026	ND	NLE
Toxaphene	5	90.78	0.0016	ND	0.1
Arochlor 1016	5	90.78	0.0592	ND	0.49
Arochlor 1221	5	90.78	0.1089	ND	0.49
Arochlor 1232	5	90.78	0.0740	ND	0.49
Arochlor 1242	5	90.78	0.0846	ND	0.49
Arochlor 1248	5	90.78	0.0338	ND	0.49
Arochlor 1254	5	90.78	0.0211	ND	0.49
Arochlor 1260	5	90.78	0.0190	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3827.10
	DPW. SELFM-PW-EV	**Date Rec'd:**	8/25/98
	Bldg. 173	**Extraction Date:**	8/26/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/1/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-236

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	10	87.15	0.0033	ND	NLE
beta-BHC	10	87.15	0.0033	ND	NLE
gamma-BHC	10	87.15	0.0044	ND	0.52
delta-BHC	10	87.15	0.0044	ND	NLE
Heptachlor	10	87.15	0.0033	ND	0.15
Aldrin	10	87.15	0.0044	ND	0.04
Heptachlor Epoxide	10	87.15	0.0066	ND	NLE
Endosulfan I	10	87.15	0.0055	ND	NLE
4,4'-DDE	10	87.15	0.0044	0.272	2
Dieldrin	10	87.15	0.0055	ND	0.042
Endrin	10	87.15	0.0055	ND	17
Endosulfan II	10	87.15	0.0044	ND	NLE
4,4'-DDD	10	87.15	0.0066	0.158	3
Endrin Aldehyde	10	87.15	0.0055	ND	NLE
4,4'-DDT	100	87.15	0.1216	1.280	2
Endosulfan-Sulfate	10	87.15	0.0044	ND	NLE
gamma -Chlordane	10	87.15	0.0055	ND	NLE
alpha-Chlordane	10	87.15	0.0055	ND	NLE
Toxaphene	10	87.15	0.0033	ND	0.1
Arochlor 1016	10	87.15	0.1238	ND	0.49
Arochlor 1221	10	87.15	0.2277	ND	0.49
Arochlor 1232	10	87.15	0.1548	ND	0.49
Arochlor 1242	10	87.15	0.1769	ND	0.49
Arochlor 1248	10	87.15	0.0707	ND	0.49
Arochlor 1254	10	87.15	0.0442	ND	0.49
Arochlor 1260	10	87.15	0.0398	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3836.02
	DPW. SELFM-PW-EV	**Date Rec'd:**	8/27/98
	Bldg. 173	**Extraction Date:**	8/27/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/2/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-237

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	94.07	0.0003	ND	NLE
beta-BHC	1	94.07	0.0003	ND	NLE
gamma-BHC	1	94.07	0.0004	ND	0.52
delta-BHC	1	94.07	0.0004	ND	NLE
Heptachlor	1	94.07	0.0003	ND	0.15
Aldrin	1	94.07	0.0004	ND	0.04
Heptachlor Epoxide	1	94.07	0.0006	ND	NLE
Endosulfan I	1	94.07	0.0005	ND	NLE
4,4'-DDE	100	94.07	0.0419	0.275	2
Dieldrin	1	94.07	0.0005	ND	0.042
Endrin	1	94.07	0.0005	ND	17
Endosulfan II	1	94.07	0.0004	ND	NLE
4,4'-DDD	1	94.07	0.0006	0.021	3
Endrin Aldehyde	1	94.07	0.0005	ND	NLE
4,4'-DDT	100	94.07	0.1152	0.650	2
Endosulfan-Sulfate	1	94.07	0.0004	ND	NLE
gamma -Chlordane	1	94.07	0.0005	0.012	NLE
alpha-Chlordane	1	94.07	0.0005	0.011	NLE
Toxaphene	1	94.07	0.0003	ND	0.1
Arochlor 1016	1	94.07	0.0117	ND	0.49
Arochlor 1221	1	94.07	0.0216	ND	0.49
Arochlor 1232	1	94.07	0.0147	ND	0.49
Arochlor 1242	1	94.07	0.0168	ND	0.49
Arochlor 1248	1	94.07	0.0067	ND	0.49
Arochlor 1254	1	94.07	0.0042	ND	0.49
Arochlor 1260	1	94.07	0.0038	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3836.04
	DPW. SELFM-PW-EV	**Date Rec'd:**	8/27/98
	Bldg. 173	**Extraction Date:**	8/27/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/2/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-238

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	95.33	0.0003	ND	NLE
beta-BHC	1	95.33	0.0003	ND	NLE
gamma-BHC	1	95.33	0.0004	ND	0.52
delta-BHC	1	95.33	0.0004	ND	NLE
Heptachlor	1	95.33	0.0003	ND	0.15
Aldrin	1	95.33	0.0004	ND	0.04
Heptachlor Epoxide	1	95.33	0.0006	ND	NLE
Endosulfan I	1	95.33	0.0005	ND	NLE
4,4'-DDE	100	95.33	0.0400	0.412	2
Dieldrin	1	95.33	0.0005	ND	0.042
Endrin	1	95.33	0.0005	ND	17
Endosulfan II	1	95.33	0.0004	ND	NLE
4,4'-DDD	1	95.33	0.0006	0.033	3
Endrin Aldehyde	1	95.33	0.0005	ND	NLE
4,4'-DDT	100	95.33	0.1101	1.438	2
Endosulfan-Sulfate	1	95.33	0.0004	ND	NLE
gamma -Chlordane	1	95.33	0.0005	0.007	NLE
alpha-Chlordane	1	95.33	0.0005	0.007	NLE
Toxaphene	1	95.33	0.0003	ND	0.1
Arochlor 1016	1	95.33	0.0112	ND	0.49
Arochlor 1221	1	95.33	0.0206	ND	0.49
Arochlor 1232	1	95.33	0.0140	ND	0.49
Arochlor 1242	1	95.33	0.0160	ND	0.49
Arochlor 1248	1	95.33	0.0064	ND	0.49
Arochlor 1254	1	95.33	0.0040	ND	0.49
Arochlor 1260	1	95.33	0.0036	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3836.06
	DPW. SELFM-PW-EV	**Date Rec'd:**	8/27/98
	Bldg. 173	**Extraction Date:**	8/27/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/3/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-239

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	88.92	0.0003	ND	NLE
beta-BHC	1	88.92	0.0003	ND	NLE
gamma-BHC	1	88.92	0.0004	ND	0.52
delta-BHC	1	88.92	0.0004	ND	NLE
Heptachlor	1	88.92	0.0003	ND	0.15
Aldrin	1	88.92	0.0004	ND	0.04
Heptachlor Epoxide	1	88.92	0.0006	ND	NLE
Endosulfan I	1	88.92	0.0005	ND	NLE
4,4'-DDE	100	88.92	0.0420	0.592	2
Dieldrin	1	88.92	0.0005	0.049	0.042
Endrin	1	88.92	0.0005	ND	17
Endosulfan II	1	88.92	0.0004	ND	NLE
4,4'-DDD	100	88.92	0.0629	0.779	3
Endrin Aldehyde	1	88.92	0.0005	ND	NLE
4,4'-DDT	100	88.92	0.1154	2.914	2
Endosulfan-Sulfate	1	88.92	0.0004	ND	NLE
gamma -Chlordane	1	88.92	0.0005	0.004	NLE
alpha-Chlordane	1	88.92	0.0005	0.003	NLE
Toxaphene	1	88.92	0.0003	ND	0.1
Arochlor 1016	1	88.92	0.0117	ND	0.49
Arochlor 1221	1	88.92	0.0216	ND	0.49
Arochlor 1232	1	88.92	0.0147	ND	0.49
Arochlor 1242	1	88.92	0.0168	ND	0.49
Arochlor 1248	1	88.92	0.0067	ND	0.49
Arochlor 1254	1	88.92	0.0042	ND	0.49
Arochlor 1260	1	88.92	0.0038	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3836.08
	DPW. SELFM-PW-EV	**Date Rec'd:**	8/27/98
	Bldg. 173	**Extraction Date:**	8/27/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/3/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-240

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	88.63	0.0003	ND	NLE
beta-BHC	1	88.63	0.0003	ND	NLE
gamma-BHC	1	88.63	0.0004	ND	0.52
delta-BHC	1	88.63	0.0004	ND	NLE
Heptachlor	1	88.63	0.0003	ND	0.15
Aldrin	1	88.63	0.0004	ND	0.04
Heptachlor Epoxide	1	88.63	0.0007	ND	NLE
Endosulfan I	1	88.63	0.0006	ND	NLE
4,4'-DDE	100	88.63	0.0443	0.445	2
Dieldrin	1	88.63	0.0006	ND	0.042
Endrin	1	88.63	0.0006	ND	17
Endosulfan II	1	88.63	0.0004	ND	NLE
4,4'-DDD	100	88.63	0.0664	0.287	3
Endrin Aldehyde	1	88.63	0.0006	ND	NLE
4,4'-DDT	100	88.63	0.1218	1.636	2
Endosulfan-Sulfate	1	88.63	0.0004	ND	NLE
gamma -Chlordane	1	88.63	0.0006	ND	NLE
alpha-Chlordane	1	88.63	0.0006	0.002	NLE
Toxaphene	1	88.63	0.0003	ND	0.1
Arochlor 1016	1	88.63	0.0124	ND	0.49
Arochlor 1221	1	88.63	0.0228	ND	0.49
Arochlor 1232	1	88.63	0.0155	ND	0.49
Arochlor 1242	1	88.63	0.0177	ND	0.49
Arochlor 1248	1	88.63	0.0071	ND	0.49
Arochlor 1254	1	88.63	0.0044	ND	0.49
Arochlor 1260	1	88.63	0.0040	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3836.10
	DPW. SELFM-PW-EV	**Date Rec'd:**	8/27/98
	Bldg. 173	**Extraction Date:**	8/27/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/3/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-241

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	90.92	0.0003	ND	NLE
beta-BHC	1	90.92	0.0003	ND	NLE
gamma-BHC	1	90.92	0.0004	ND	0.52
delta-BHC	1	90.92	0.0004	ND	NLE
Heptachlor	1	90.92	0.0003	ND	0.15
Aldrin	1	90.92	0.0004	ND	0.04
Heptachlor Epoxide	1	90.92	0.0006	ND	NLE
Endosulfan I	1	90.92	0.0005	ND	NLE
4,4'-DDE	10	90.92	0.0042	0.195	2
Dieldrin	1	90.92	0.0005	ND	0.042
Endrin	1	90.92	0.0005	ND	17
Endosulfan II	1	90.92	0.0004	ND	NLE
4,4'-DDD	1	90.92	0.0006	0.077	3
Endrin Aldehyde	1	90.92	0.0005	ND	NLE
4,4'-DDT	10	90.92	0.0115	0.599	2
Endosulfan-Sulfate	1	90.92	0.0004	ND	NLE
gamma -Chlordane	1	90.92	0.0005	ND	NLE
alpha-Chlordane	1	90.92	0.0005	ND	NLE
Toxaphene	1	90.92	0.0003	ND	0.1
Arochlor 1016	1	90.92	0.0117	ND	0.49
Arochlor 1221	1	90.92	0.0216	ND	0.49
Arochlor 1232	1	90.92	0.0147	ND	0.49
Arochlor 1242	1	90.92	0.0168	ND	0.49
Arochlor 1248	1	90.92	0.0067	ND	0.49
Arochlor 1254	1	90.92	0.0042	ND	0.49
Arochlor 1260	1	90.92	0.0038	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3836.12
	DPW. SELFM-PW-EV	**Date Rec'd:**	8/27/98
	Bldg. 173	**Extraction Date:**	8/27/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/3/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-242

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	93.40	0.0003	ND	NLE
beta-BHC	1	93.40	0.0003	ND	NLE
gamma-BHC	1	93.40	0.0004	ND	0.52
delta-BHC	1	93.40	0.0004	ND	NLE
Heptachlor	1	93.40	0.0003	ND	0.15
Aldrin	1	93.40	0.0004	ND	0.04
Heptachlor Epoxide	1	93.40	0.0006	ND	NLE
Endosulfan I	1	93.40	0.0005	ND	NLE
4,4'-DDE	1	93.40	0.0004	0.036	2
Dieldrin	1	93.40	0.0005	ND	0.042
Endrin	1	93.40	0.0005	ND	17
Endosulfan II	1	93.40	0.0004	ND	NLE
4,4'-DDD	1	93.40	0.0006	0.056	3
Endrin Aldehyde	1	93.40	0.0005	ND	NLE
4,4'-DDT	1	93.40	0.0011	0.070	2
Endosulfan-Sulfate	1	93.40	0.0004	ND	NLE
gamma -Chlordane	1	93.40	0.0005	ND	NLE
alpha-Chlordane	1	93.40	0.0005	ND	NLE
Toxaphene	1	93.40	0.0003	ND	0.1
Arochlor 1016	1	93.40	0.0117	ND	0.49
Arochlor 1221	1	93.40	0.0215	ND	0.49
Arochlor 1232	1	93.40	0.0146	ND	0.49
Arochlor 1242	1	93.40	0.0167	ND	0.49
Arochlor 1248	1	93.40	0.0067	ND	0.49
Arochlor 1254	1	93.40	0.0042	ND	0.49
Arochlor 1260	1	93.40	0.0038	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3836.14
	DPW. SELFM-PW-EV	**Date Rec'd:**	8/27/98
	Bldg. 173	**Extraction Date:**	8/27/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/3/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-243

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	66.94	0.0004	ND	NLE
beta-BHC	1	66.94	0.0004	ND	NLE
gamma-BHC	1	66.94	0.0006	ND	0.52
delta-BHC	1	66.94	0.0006	ND	NLE
Heptachlor	1	66.94	0.0004	ND	0.15
Aldrin	1	66.94	0.0006	ND	0.04
Heptachlor Epoxide	1	66.94	0.0008	ND	NLE
Endosulfan I	1	66.94	0.0007	ND	NLE
4,4'-DDE	1	66.94	0.0006	0.135	2
Dieldrin	1	66.94	0.0007	ND	0.042
Endrin	1	66.94	0.0007	ND	17
Endosulfan II	1	66.94	0.0006	ND	NLE
4,4'-DDD	1	66.94	0.0008	0.037	3
Endrin Aldehyde	1	66.94	0.0007	ND	NLE
4,4'-DDT	10	66.94	0.0153	0.620	2
Endosulfan-Sulfate	1	66.94	0.0006	ND	NLE
gamma -Chlordane	1	66.94	0.0007	ND	NLE
alpha-Chlordane	1	66.94	0.0007	ND	NLE
Toxaphene	1	66.94	0.0004	ND	0.1
Arochlor 1016	1	66.94	0.0156	ND	0.49
Arochlor 1221	1	66.94	0.0287	ND	0.49
Arochlor 1232	1	66.94	0.0195	ND	0.49
Arochlor 1242	1	66.94	0.0223	ND	0.49
Arochlor 1248	1	66.94	0.0089	ND	0.49
Arochlor 1254	1	66.94	0.0056	ND	0.49
Arochlor 1260	1	66.94	0.0050	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3836.16
	DPW. SELFM-PW-EV	**Date Rec'd:**	8/27/98
	Bldg. 173	**Extraction Date:**	8/27/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/3/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-244

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	91.22	0.0003	ND	NLE
beta-BHC	1	91.22	0.0003	ND	NLE
gamma-BHC	1	91.22	0.0004	ND	0.52
delta-BHC	1	91.22	0.0004	ND	NLE
Heptachlor	1	91.22	0.0003	ND	0.15
Aldrin	1	91.22	0.0004	ND	0.04
Heptachlor Epoxide	1	91.22	0.0007	ND	NLE
Endosulfan I	1	91.22	0.0005	ND	NLE
4,4'-DDE	100	91.22	0.0435	1.003	2
Dieldrin	1	91.22	0.0005	ND	0.042
Endrin	1	91.22	0.0005	ND	17
Endosulfan II	1	91.22	0.0004	ND	NLE
4,4'-DDD	100	91.22	0.0652	0.178	3
Endrin Aldehyde	1	91.22	0.0005	ND	NLE
4,4'-DDT	100	91.22	0.1195	2.781	2
Endosulfan-Sulfate	1	91.22	0.0004	ND	NLE
gamma -Chlordane	1	91.22	0.0005	ND	NLE
alpha-Chlordane	1	91.22	0.0005	ND	NLE
Toxaphene	1	91.22	0.0003	ND	0.1
Arochlor 1016	1	91.22	0.0122	ND	0.49
Arochlor 1221	1	91.22	0.0224	ND	0.49
Arochlor 1232	1	91.22	0.0152	ND	0.49
Arochlor 1242	1	91.22	0.0174	ND	0.49
Arochlor 1248	1	91.22	0.0070	ND	0.49
Arochlor 1254	1	91.22	0.0043	ND	0.49
Arochlor 1260	1	91.22	0.0039	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3836.18
	DPW. SELFM-PW-EV	**Date Rec'd:**	8/27/98
	Bldg. 173	**Extraction Date:**	8/27/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/3/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-245

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	86.42	0.0003	ND	NLE
beta-BHC	1	86.42	0.0003	ND	NLE
gamma-BHC	1	86.42	0.0004	ND	0.52
delta-BHC	1	86.42	0.0004	ND	NLE
Heptachlor	1	86.42	0.0003	ND	0.15
Aldrin	1	86.42	0.0004	ND	0.04
Heptachlor Epoxide	1	86.42	0.0007	ND	NLE
Endosulfan I	1	86.42	0.0005	ND	NLE
4,4'-DDE	20	86.42	0.0088	0.164	2
Dieldrin	1	86.42	0.0005	ND	0.042
Endrin	1	86.42	0.0005	ND	17
Endosulfan II	1	86.42	0.0004	ND	NLE
4,4'-DDD	1	86.42	0.0007	0.080	3
Endrin Aldehyde	1	86.42	0.0005	ND	NLE
4,4'-DDT	20	86.42	0.0242	0.789	2
Endosulfan-Sulfate	1	86.42	0.0004	ND	NLE
gamma -Chlordane	1	86.42	0.0005	ND	NLE
alpha-Chlordane	1	86.42	0.0005	ND	NLE
Toxaphene	1	86.42	0.0003	ND	0.1
Arochlor 1016	1	86.42	0.0123	ND	0.49
Arochlor 1221	1	86.42	0.0227	ND	0.49
Arochlor 1232	1	86.42	0.0154	ND	0.49
Arochlor 1242	1	86.42	0.0176	ND	0.49
Arochlor 1248	1	86.42	0.0070	ND	0.49
Arochlor 1254	1	86.42	0.0044	ND	0.49
Arochlor 1260	1	86.42	0.0040	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3836.20
	DPW. SELFM-PW-EV	**Date Rec'd:**	8/27/98
	Bldg. 173	**Extraction Date:**	8/27/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/3/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-246

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	87.79	0.0003	ND	NLE
beta-BHC	1	87.79	0.0003	ND	NLE
gamma-BHC	1	87.79	0.0004	ND	0.52
delta-BHC	1	87.79	0.0004	ND	NLE
Heptachlor	1	87.79	0.0003	ND	0.15
Aldrin	1	87.79	0.0004	ND	0.04
Heptachlor Epoxide	1	87.79	0.0006	ND	NLE
Endosulfan I	1	87.79	0.0005	ND	NLE
4,4'-DDE	100	87.79	0.0432	0.330	2
Dieldrin	1	87.79	0.0005	ND	0.042
Endrin	1	87.79	0.0005	ND	17
Endosulfan II	1	87.79	0.0004	ND	NLE
4,4'-DDD	100	87.79	0.0648	0.171	3
Endrin Aldehyde	1	87.79	0.0005	ND	NLE
4,4'-DDT	100	87.79	0.1189	2.226	2
Endosulfan-Sulfate	1	87.79	0.0004	ND	NLE
gamma -Chlordane	1	87.79	0.0005	ND	NLE
alpha-Chlordane	1	87.79	0.0005	0.003	NLE
Toxaphene	1	87.79	0.0003	ND	0.1
Arochlor 1016	1	87.79	0.0121	ND	0.49
Arochlor 1221	1	87.79	0.0223	ND	0.49
Arochlor 1232	1	87.79	0.0151	ND	0.49
Arochlor 1242	1	87.79	0.0173	ND	0.49
Arochlor 1248	1	87.79	0.0069	ND	0.49
Arochlor 1254	1	87.79	0.0043	ND	0.49
Arochlor 1260	1	87.79	0.0039	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3836.22
	DPW. SELFM-PW-EV	**Date Rec'd:**	8/27/98
	Bldg. 173	**Extraction Date:**	8/27/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/3/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-247

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	91.78	0.0003	ND	NLE
beta-BHC	1	91.78	0.0003	ND	NLE
gamma-BHC	1	91.78	0.0004	ND	0.52
delta-BHC	1	91.78	0.0004	ND	NLE
Heptachlor	1	91.78	0.0003	ND	0.15
Aldrin	1	91.78	0.0004	ND	0.04
Heptachlor Epoxide	1	91.78	0.0006	ND	NLE
Endosulfan I	1	91.78	0.0005	ND	NLE
4,4'-DDE	100	91.78	0.0429	0.408	2
Dieldrin	1	91.78	0.0005	ND	0.042
Endrin	1	91.78	0.0005	ND	17
Endosulfan II	1	91.78	0.0004	ND	NLE
4,4'-DDD	100	91.78	0.0644	0.145	3
Endrin Aldehyde	1	91.78	0.0005	ND	NLE
4,4'-DDT	100	91.78	0.1181	1.918	2
Endosulfan-Sulfate	1	91.78	0.0004	ND	NLE
gamma -Chlordane	1	91.78	0.0005	ND	NLE
alpha-Chlordane	1	91.78	0.0005	ND	NLE
Toxaphene	1	91.78	0.0003	ND	0.1
Arochlor 1016	1	91.78	0.0120	ND	0.49
Arochlor 1221	1	91.78	0.0221	ND	0.49
Arochlor 1232	1	91.78	0.0150	ND	0.49
Arochlor 1242	1	91.78	0.0172	ND	0.49
Arochlor 1248	1	91.78	0.0069	ND	0.49
Arochlor 1254	1	91.78	0.0043	ND	0.49
Arochlor 1260	1	91.78	0.0039	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3836.24
	DPW. SELFM-PW-EV	**Date Rec'd:**	8/27/98
	Bldg. 173	**Extraction Date:**	8/27/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/3/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-248

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	94.67	0.0003	ND	NLE
beta-BHC	1	94.67	0.0003	ND	NLE
gamma-BHC	1	94.67	0.0004	ND	0.52
delta-BHC	1	94.67	0.0004	ND	NLE
Heptachlor	1	94.67	0.0003	ND	0.15
Aldrin	1	94.67	0.0004	ND	0.04
Heptachlor Epoxide	1	94.67	0.0006	ND	NLE
Endosulfan I	1	94.67	0.0005	ND	NLE
4,4'-DDE	1	94.67	0.0004	0.083	2
Dieldrin	1	94.67	0.0005	ND	0.042
Endrin	1	94.67	0.0005	ND	17
Endosulfan II	1	94.67	0.0004	ND	NLE
4,4'-DDD	1	94.67	0.0006	0.045	3
Endrin Aldehyde	1	94.67	0.0005	ND	NLE
4,4'-DDT	10	94.67	0.0111	0.525	2
Endosulfan-Sulfate	1	94.67	0.0004	ND	NLE
gamma -Chlordane	1	94.67	0.0005	ND	NLE
alpha-Chlordane	1	94.67	0.0005	ND	NLE
Toxaphene	1	94.67	0.0003	ND	0.1
Arochlor 1016	1	94.67	0.0113	ND	0.49
Arochlor 1221	1	94.67	0.0208	ND	0.49
Arochlor 1232	1	94.67	0.0141	ND	0.49
Arochlor 1242	1	94.67	0.0161	ND	0.49
Arochlor 1248	1	94.67	0.0065	ND	0.49
Arochlor 1254	1	94.67	0.0040	ND	0.49
Arochlor 1260	1	94.67	0.0036	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3836.26
	DPW. SELFM-PW-EV	**Date Rec'd:**	8/27/98
	Bldg. 173	**Extraction Date:**	8/27/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/5/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-249

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	93.23	0.0003	ND	NLE
beta-BHC	1	93.23	0.0003	ND	NLE
gamma-BHC	1	93.23	0.0004	ND	0.52
delta-BHC	1	93.23	0.0004	ND	NLE
Heptachlor	1	93.23	0.0003	ND	0.15
Aldrin	1	93.23	0.0004	ND	0.04
Heptachlor Epoxide	1	93.23	0.0006	ND	NLE
Endosulfan I	1	93.23	0.0005	ND	NLE
4,4'-DDE	10	93.23	0.0041	0.903	2
Dieldrin	1	93.23	0.0005	ND	0.042
Endrin	1	93.23	0.0005	ND	17
Endosulfan II	1	93.23	0.0004	ND	NLE
4,4'-DDD	10	93.23	0.0061	0.378	3
Endrin Aldehyde	1	93.23	0.0005	ND	NLE
4,4'-DDT	1000	93.23	1.1216	13.949	2
Endosulfan-Sulfate	1	93.23	0.0004	ND	NLE
gamma -Chlordane	1	93.23	0.0005	ND	NLE
alpha-Chlordane	1	93.23	0.0005	ND	NLE
Toxaphene	1	93.23	0.0003	ND	0.1
Arochlor 1016	1	93.23	0.0114	ND	0.49
Arochlor 1221	1	93.23	0.0210	ND	0.49
Arochlor 1232	1	93.23	0.0143	ND	0.49
Arochlor 1242	1	93.23	0.0163	ND	0.49
Arochlor 1248	1	93.23	0.0065	ND	0.49
Arochlor 1254	1	93.23	0.0041	ND	0.49
Arochlor 1260	1	93.23	0.0037	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3836.28
	DPW. SELFM-PW-EV	**Date Rec'd:**	8/27/98
	Bldg. 173	**Extraction Date:**	8/27/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/5/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-250

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	89.41	0.0003	ND	NLE
beta-BHC	1	89.41	0.0003	ND	NLE
gamma-BHC	1	89.41	0.0004	ND	0.52
delta-BHC	1	89.41	0.0004	ND	NLE
Heptachlor	1	89.41	0.0003	ND	0.15
Aldrin	1	89.41	0.0004	ND	0.04
Heptachlor Epoxide	1	89.41	0.0007	ND	NLE
Endosulfan I	1	89.41	0.0006	ND	NLE
4,4'-DDE	1000	89.41	0.4421	3.330	2
Dieldrin	1	89.41	0.0006	ND	0.042
Endrin	1	89.41	0.0006	ND	17
Endosulfan II	1	89.41	0.0004	ND	NLE
4,4'-DDD	10	89.41	0.0066	0.729	3
Endrin Aldehyde	1	89.41	0.0006	ND	NLE
4,4'-DDT	1000	89.41	1.2157	23.629	2
Endosulfan-Sulfate	1	89.41	0.0004	ND	NLE
gamma -Chlordane	1	89.41	0.0006	0.015	NLE
alpha-Chlordane	1	89.41	0.0006	0.023	NLE
Toxaphene	1	89.41	0.0003	ND	0.1
Arochlor 1016	1	89.41	0.0124	ND	0.49
Arochlor 1221	1	89.41	0.0228	ND	0.49
Arochlor 1232	1	89.41	0.0155	ND	0.49
Arochlor 1242	1	89.41	0.0177	ND	0.49
Arochlor 1248	1	89.41	0.0071	ND	0.49
Arochlor 1254	1	89.41	0.0044	ND	0.49
Arochlor 1260	1	89.41	0.0040	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3836.30
	DPW. SELFM-PW-EV	**Date Rec'd:**	8/27/98
	Bldg. 173	**Extraction Date:**	8/27/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/5/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-251

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	91.07	0.0003	ND	NLE
beta-BHC	1	91.07	0.0003	ND	NLE
gamma-BHC	1	91.07	0.0004	ND	0.52
delta-BHC	1	91.07	0.0004	ND	NLE
Heptachlor	1	91.07	0.0003	ND	0.15
Aldrin	1	91.07	0.0004	ND	0.04
Heptachlor Epoxide	1	91.07	0.0006	ND	NLE
Endosulfan I	1	91.07	0.0005	ND	NLE
4,4'-DDE	100	91.07	0.0408	0.742	2
Dieldrin	1	91.07	0.0005	ND	0.042
Endrin	1	91.07	0.0005	ND	17
Endosulfan II	1	91.07	0.0004	ND	NLE
4,4'-DDD	1	91.07	0.0006	0.046	3
Endrin Aldehyde	1	91.07	0.0005	ND	NLE
4,4'-DDT	100	91.07	0.1123	2.094	2
Endosulfan-Sulfate	1	91.07	0.0004	ND	NLE
gamma -Chlordane	1	91.07	0.0005	ND	NLE
alpha-Chlordane	1	91.07	0.0005	ND	NLE
Toxaphene	1	91.07	0.0003	ND	0.1
Arochlor 1016	1	91.07	0.0114	ND	0.49
Arochlor 1221	1	91.07	0.0210	ND	0.49
Arochlor 1232	1	91.07	0.0143	ND	0.49
Arochlor 1242	1	91.07	0.0163	ND	0.49
Arochlor 1248	1	91.07	0.0065	ND	0.49
Arochlor 1254	1	91.07	0.0041	ND	0.49
Arochlor 1260	1	91.07	0.0037	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3836.32
	DPW. SELFM-PW-EV	**Date Rec'd:**	8/27/98
	Bldg. 173	**Extraction Date:**	8/27/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/5/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-252

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	92.62	0.0003	ND	NLE
beta-BHC	1	92.62	0.0003	ND	NLE
gamma-BHC	1	92.62	0.0004	ND	0.52
delta-BHC	1	92.62	0.0004	ND	NLE
Heptachlor	1	92.62	0.0003	ND	0.15
Aldrin	1	92.62	0.0004	ND	0.04
Heptachlor Epoxide	1	92.62	0.0006	ND	NLE
Endosulfan I	1	92.62	0.0005	ND	NLE
4,4'-DDE	100	92.62	0.0400	1.104	2
Dieldrin	1	92.62	0.0005	ND	0.042
Endrin	1	92.62	0.0005	ND	17
Endosulfan II	1	92.62	0.0004	ND	NLE
4,4'-DDD	1	92.62	0.0006	0.041	3
Endrin Aldehyde	1	92.62	0.0005	ND	NLE
4,4'-DDT	100	92.62	0.1100	1.746	2
Endosulfan-Sulfate	1	92.62	0.0004	ND	NLE
gamma -Chlordane	1	92.62	0.0005	ND	NLE
alpha-Chlordane	1	92.62	0.0005	ND	NLE
Toxaphene	1	92.62	0.0003	ND	0.1
Arochlor 1016	1	92.62	0.0112	ND	0.49
Arochlor 1221	1	92.62	0.0206	ND	0.49
Arochlor 1232	1	92.62	0.0140	ND	0.49
Arochlor 1242	1	92.62	0.0160	ND	0.49
Arochlor 1248	1	92.62	0.0064	ND	0.49
Arochlor 1254	1	92.62	0.0040	ND	0.49
Arochlor 1260	1	92.62	0.0036	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3836.34
	DPW. SELFM-PW-EV	**Date Rec'd:**	8/27/98
	Bldg. 173	**Extraction Date:**	8/27/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/5/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-253

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	93.60	0.0003	ND	NLE
beta-BHC	1	93.60	0.0003	ND	NLE
gamma-BHC	1	93.60	0.0004	ND	0.52
delta-BHC	1	93.60	0.0004	ND	NLE
Heptachlor	1	93.60	0.0003	ND	0.15
Aldrin	1	93.60	0.0004	ND	0.04
Heptachlor Epoxide	1	93.60	0.0006	ND	NLE
Endosulfan I	1	93.60	0.0005	ND	NLE
4,4'-DDE	20	93.60	0.0080	0.230	2
Dieldrin	1	93.60	0.0005	ND	0.042
Endrin	1	93.60	0.0005	ND	17
Endosulfan II	1	93.60	0.0004	ND	NLE
4,4'-DDD	1	93.60	0.0006	0.043	3
Endrin Aldehyde	1	93.60	0.0005	ND	NLE
4,4'-DDT	20	93.60	0.0219	0.856	2
Endosulfan-Sulfate	1	93.60	0.0004	ND	NLE
gamma -Chlordane	1	93.60	0.0005	ND	NLE
alpha-Chlordane	1	93.60	0.0005	ND	NLE
Toxaphene	1	93.60	0.0003	ND	0.1
Arochlor 1016	1	93.60	0.0111	ND	0.49
Arochlor 1221	1	93.60	0.0205	ND	0.49
Arochlor 1232	1	93.60	0.0139	ND	0.49
Arochlor 1242	1	93.60	0.0159	ND	0.49
Arochlor 1248	1	93.60	0.0064	ND	0.49
Arochlor 1254	1	93.60	0.0040	ND	0.49
Arochlor 1260	1	93.60	0.0036	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25um

Report of Analysis
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Client :	U.S. Army	**Lab. ID # :**	3836.36
	DPW. SELFM-PW-EV	**Date Rec'd:**	8/27/98
	Bldg. 173	**Extraction Date:**	8/27/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/5/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-5
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-254

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	94.12	0.0003	ND	NLE
beta-BHC	1	94.12	0.0003	ND	NLE
gamma-BHC	1	94.12	0.0004	ND	0.52
delta-BHC	1	94.12	0.0004	ND	NLE
Heptachlor	1	94.12	0.0003	ND	0.15
Aldrin	1	94.12	0.0004	ND	0.04
Heptachlor Epoxide	1	94.12	0.0006	ND	NLE
Endosulfan I	1	94.12	0.0005	ND	NLE
4,4'-DDE	1000	94.12	0.4150	4.185	2
Dieldrin	1	94.12	0.0005	ND	0.042
Endrin	1	94.12	0.0005	ND	17
Endosulfan II	1	94.12	0.0004	ND	NLE
4,4'-DDD	1000	94.12	0.6225	3.787	3
Endrin Aldehyde	1	94.12	0.0005	ND	NLE
4,4'-DDT	1000	94.12	1.1413	56.446	2
Endosulfan-Sulfate	1	94.12	0.0004	ND	NLE
gamma -Chlordane	1	94.12	0.0005	0.021	NLE
alpha-Chlordane	1	94.12	0.0005	0.026	NLE
Toxaphene	1	94.12	0.0003	ND	0.1
Arochlor 1016	1	94.12	0.0116	ND	0.49
Arochlor 1221	1	94.12	0.0214	ND	0.49
Arochlor 1232	1	94.12	0.0145	ND	0.49
Arochlor 1242	1	94.12	0.0166	ND	0.49
Arochlor 1248	1	94.12	0.0066	ND	0.49
Arochlor 1254	1	94.12	0.0042	ND	0.49
Arochlor 1260	1	94.12	0.0037	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25um

METHOD BLANKS

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3472
Sample Received: 04/10/98
Sample Preparation: 04/13/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

METHOD BLANK SUMMARY (mg/L)

Element	Date Analyzed	Result	MDL
Aluminum	04/30/98	0.139	0.01
Antimony	04/30/98	ND	0.002
Arsenic	04/30/98	ND	0.002
Barium	04/30/98	ND	0.0005
Beryllium	04/30/98	ND	0.0005
Cadmium	04/30/98	ND	0.0005
Calcium	04/30/98	0.624	0.02
Chromium	04/30/98	ND	0.0005
Cobalt	04/30/98	ND	0.0005
Copper	04/30/98	0.004	0.003
Iron	04/30/98	0.301	0.01
Lead	04/30/98	ND	0.002
Magnesium	04/30/98	0.135	0.02
Manganese	04/30/98	0.0038	0.0005
Mercury	04/24/98	ND	0.0002
Nickel	04/30/98	0.0017	0.0005
Potassium	04/30/98	0.059	0.02
Selenium	04/30/98	ND	0.002
Silver	04/30/98	ND	0.003
Sodium	04/30/98	0.642	0.02
Thallium	04/30/98	ND	0.003
Vanadium	04/30/98	ND	0.001
Zinc	04/30/98	0.025	0.001

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Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3485
Sample Received: 04/15/98
Sample Preparation: 04/28/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

METHOD BLANK SUMMARY (mg/L)

Element	Date Analyzed	Result	MDL
Aluminum	4/30/98	ND	0.01
Antimony	4/30/98	ND	0.002
Arsenic	4/30/98	ND	0.002
Barium	4/30/98	ND	0.0005
Beryllium	4/30/98	ND	0.0005
Cadmium	4/30/98	ND	0.0005
Calcium	4/30/98	0.44	0.02
Chromium	4/30/98	ND	0.0005
Cobalt	4/30/98	ND	0.0005
Copper	4/30/98	ND	0.003
Iron	4/30/98	0.12	0.01
Lead	4/30/98	ND	0.002
Magnesium	4/30/98	0.05	0.02
Manganese	4/30/98	0.0040	0.0005
Mercury	4/24/98	ND	0.0002
Nickel	4/30/98	ND	0.0005
Potassium	4/30/98	ND	0.02
Selenium	4/30/98	ND	0.002
Silver	4/30/98	ND	0.003
Sodium	4/30/98	0.40	0.02
Thallium	4/30/98	ND	0.003
Vanadium	4/30/98	ND	0.001
Zinc	4/30/98	ND	0.001

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Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3543
Sample Received: 05/04/98
Sample Preparation: 05/07/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

METHOD BLANK SUMMARY (mg/L)

Element	Date Analyzed	Result	MDL
Aluminum	05/12/98	0.08	0.01
Antimony	05/12/98	ND	0.002
Arsenic	05/12/98	ND	0.002
Barium	05/12/98	0.0043	0.0005
Beryllium	05/12/98	ND	0.0005
Cadmium	05/12/98	ND	0.0005
Calcium	05/12/98	0.87	0.02
Chromium	05/12/98	ND	0.0005
Cobalt	05/12/98	ND	0.0005
Copper	05/12/98	0.014	0.003
Iron	05/12/98	0.09	0.01
Lead	05/12/98	ND	0.002
Magnesium	05/12/98	0.16	0.02
Manganese	05/12/98	0.0025	0.0005
Mercury	04/24/98	ND	0.0002
Nickel	05/12/98	0.0046	0.0005
Potassium	05/12/98	0.05	0.02
Selenium	05/12/98	ND	0.002
Silver	05/12/98	ND	0.003
Sodium	05/12/98	2.71	0.02
Thallium	05/12/98	ND	0.003
Vanadium	05/12/98	ND	0.001
Zinc	05/12/98	0.033	0.001

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Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3584
Sample Received: 05/20/98
Sample Preparation: 05/29/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

METHOD BLANK SUMMARY (mg/L)

Element	Date Analyzed	Result	MDL
Aluminum	06/02/98	0.03	0.01
Antimony	06/02/98	0.006	0.002
Arsenic	06/02/98	ND	0.002
Barium	06/02/98	0.0014	0.0005
Beryllium	06/02/98	ND	0.0005
Cadmium	06/02/98	0.0011	0.0005
Calcium	06/02/98	0.31	0.02
Chromium	06/02/98	ND	0.0005
Cobalt	06/02/98	ND	0.0005
Copper	06/02/98	ND	0.003
Iron	06/02/98	0.03	0.01
Lead	06/02/98	ND	0.002
Magnesium	06/02/98	0.06	0.02
Manganese	06/02/98	0.0015	0.0005
Mercury	06/02/98	ND	0.0002
Nickel	06/02/98	0.0016	0.0005
Potassium	06/02/98	ND	0.02
Selenium	06/02/98	ND	0.002
Silver	06/02/98	ND	0.003
Sodium	06/02/98	0.32	0.02
Thallium	06/02/98	ND	0.003
Vanadium	06/02/98	ND	0.001
Zinc	06/02/98	0.021	0.001

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NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3588
Sample Received: 05/21/98
Sample Preparation: 06/01/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

METHOD BLANK SUMMARY (mg/L)

Element	Date Analyzed	Result	MDL
Aluminum	06/02/98	ND	0.01
Antimony	06/02/98	ND	0.002
Arsenic	06/02/98	ND	0.002
Barium	06/02/98	0.8750	0.0005
Beryllium	06/02/98	ND	0.0005
Cadmium	06/02/98	ND	0.0005
Calcium	06/02/98	ND	0.02
Chromium	06/02/98	ND	0.0005
Cobalt	06/02/98	ND	0.0005
Copper	06/02/98	ND	0.003
Iron	06/02/98	ND	0.01
Lead	06/02/98	ND	0.002
Magnesium	06/02/98	ND	0.02
Manganese	06/02/98	ND	0.0005
Mercury	06/02/98	ND	0.0002
Nickel	06/02/98	ND	0.0005
Potassium	06/02/98	ND	0.02
Selenium	06/02/98	ND	0.002
Silver	06/02/98	ND	0.003
Sodium	06/02/98	ND	0.02
Thallium	06/02/98	ND	0.003
Vanadium	06/02/98	ND	0.001
Zinc	06/02/98	ND	0.001

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Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3686
Sample Preparation: 06/30/98

Site: M-5
Ft. Monmouth, New Jersey

METHOD BLANK SUMMARY (mg/L)

Element	Date Analyzed	Result	MDL
Aluminum	07/01/98	0.059	0.01
Antimony	07/01/98	0.008	0.002
Arsenic	07/01/98	ND	0.002
Barium	07/01/98	0.0026	0.0005
Beryllium	07/01/98	ND	0.0005
Cadmium	07/01/98	0.0015	0.0005
Calcium	07/01/98	0.305	0.02
Chromium	07/01/98	ND	0.0005
Cobalt	07/01/98	ND	0.0005
Copper	07/01/98	0.005	0.003
Iron	07/01/98	0.046	0.01
Lead	07/01/98	ND	0.002
Magnesium	07/01/98	0.089	0.02
Manganese	07/01/98	0.0090	0.0005
Mercury	07/06/98	ND	0.0002
Nickel	07/01/98	0.0031	0.0005
Potassium	07/01/98	0.021	0.02
Selenium	07/01/98	ND	0.002
Silver	07/01/98	ND	0.003
Sodium	07/01/98	ND	0.02
Thallium	07/01/98	ND	0.003
Vanadium	07/01/98	ND	0.001
Zinc	07/01/98	0.008	0.001

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Report of Analysis
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NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3722
Sample Preparation: 08/11/98

Site: M-5
Ft. Monmouth, New Jersey

METHOD BLANK SUMMARY (mg/L)

Element	Date Analyzed	Result	MDL
Aluminum	08/12/98	0.265	0.01
Antimony	08/12/98	0.009	0.002
Arsenic	08/12/98	ND	0.002
Barium	08/12/98	0.0040	0.0005
Beryllium	08/12/98	ND	0.0005
Cadmium	08/12/98	0.0013	0.0005
Calcium	08/12/98	0.487	0.02
Chromium	08/12/98	ND	0.0005
Cobalt	08/12/98	ND	0.0005
Copper	08/12/98	0.005	0.003
Iron	08/12/98	0.089	0.01
Lead	08/12/98	ND	0.002
Magnesium	08/12/98	0.201	0.02
Manganese	08/12/98	0.0067	0.0005
Mercury	07/29/98	ND	0.0002
Nickel	08/12/98	0.0008	0.0005
Potassium	08/12/98	0.049	0.02
Selenium	08/12/98	ND	0.002
Silver	08/12/98	ND	0.003
Sodium	08/12/98	0.174	0.02
Thallium	08/12/98	ND	0.003
Vanadium	08/12/98	ND	0.001
Zinc	08/12/98	0.022	0.001

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Report of Analysis
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NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3836
Sample Preparation: 08/27/98

Site: M-5
Ft. Monmouth, New Jersey

METHOD BLANK SUMMARY (mg/L)

Element	Date Analyzed	Result	MDL
Aluminum	08/31/98	0.098	0.01
Antimony	08/31/98	ND	0.002
Arsenic	08/31/98	ND	0.002
Barium	08/31/98	0.0019	0.0005
Beryllium	08/31/98	ND	0.0005
Cadmium	08/31/98	ND	0.0005
Calcium	08/31/98	0.289	0.02
Chromium	08/31/98	0.0010	0.0005
Cobalt	08/31/98	0.0012	0.0005
Copper	08/31/98	ND	0.003
Iron	08/31/98	0.149	0.01
Lead	08/31/98	ND	0.002
Magnesium	08/31/98	0.050	0.02
Manganese	08/31/98	0.0665	0.0005
Mercury	08/31/98	ND	0.0002
Nickel	08/31/98	ND	0.0005
Potassium	08/31/98	0.131	0.02
Selenium	08/31/98	ND	0.002
Silver	08/31/98	ND	0.003
Sodium	08/31/98	0.983	0.02
Thallium	08/31/98	0.004	0.003
Vanadium	08/31/98	ND	0.001
Zinc	08/31/98	0.027	0.001

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FIELD DUPLICATES

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3479.15
Sample Received: 04/14/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: Field Dup, 6-12''

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	05/12/98	6500	NLE	1.008
Antimony	05/12/98	0.811	14	0.202
Arsenic	05/12/98	6.743	20	0.202
Barium	05/12/98	18.78	700	0.050
Beryllium	05/12/98	0.7200	1	0.050
Cadmium	05/12/98	ND	1	0.050
Calcium	05/12/98	1079	NLE	2.015
Chromium	05/12/98	53.19	NLE	0.050
Cobalt	05/12/98	2.142	NLE	0.050
Copper	05/12/98	4.971	600	0.302
Iron	05/12/98	19270	NLE	1.008
Lead	05/12/98	11.83	100	0.202
Magnesium	05/12/98	2083	NLE	2.015
Manganese	05/12/98	67.71	NLE	0.050
Mercury	04/24/98	0.011	14	0.011
Nickel	05/12/98	5.720	250	0.050
Potassium	05/12/98	4347	NLE	2.015
Selenium	05/12/98	ND	63	0.302
Silver	05/12/98	ND	110	0.302
Sodium	05/12/98	33.37	NLE	2.015
Thallium	05/12/98	ND	2	0.302
Vanadium	05/12/98	34.59	370	0.101
Zinc	05/12/98	32.86	1500	0.101

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Report of Analysis
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NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3543.18
Sample Received: 05/04/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: Field Dup, 6-12''

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	05/12/98	4159	NLE	1.443
Antimony	05/12/98	0.732	14	0.289
Arsenic	05/12/98	9.162	20	0.289
Barium	05/12/98	105.3	700	0.072
Beryllium	05/12/98	0.5650	1	0.072
Cadmium	05/12/98	2.775	1	0.072
Calcium	05/12/98	1607	NLE	2.887
Chromium	05/12/98	11.39	NLE	0.072
Cobalt	05/12/98	3.668	NLE	0.072
Copper	05/12/98	55.16	600	0.433
Iron	05/12/98	9241	NLE	1.443
Lead	05/12/98	165.5	100	0.289
Magnesium	05/12/98	318.6	NLE	2.887
Manganese	05/12/98	185.6	NLE	0.072
Mercury	05/12/98	0.389	14	0.027
Nickel	05/12/98	9.258	250	0.072
Potassium	05/12/98	379.1	NLE	2.887
Selenium	05/12/98	0.996	63	0.433
Silver	05/12/98	0.564	110	0.433
Sodium	05/12/98	870.9	NLE	2.887
Thallium	05/12/98	ND	2	0.433
Vanadium	05/12/98	15.84	370	0.144
Zinc	05/12/98	75.11	1500	0.144

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Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3567.23
Sample Received: 05/14/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: Field Dup, 6-12''

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/02/98	3373	NLE	1.136
Antimony	06/02/98	0.739	14	0.227
Arsenic	06/02/98	3.770	20	0.227
Barium	06/02/98	11.22	700	0.057
Beryllium	06/02/98	0.4787	1	0.057
Cadmium	06/02/98	ND	1	0.057
Calcium	06/02/98	91.75	NLE	2.272
Chromium	06/02/98	37.19	NLE	0.057
Cobalt	06/02/98	0.2997	NLE	0.057
Copper	06/02/98	3.553	600	0.341
Iron	06/02/98	12740	NLE	1.136
Lead	06/02/98	34.32	100	0.227
Magnesium	06/02/98	498.5	NLE	2.272
Manganese	06/02/98	9.593	NLE	0.057
Mercury	05/18/98	0.104	14	0.035
Nickel	06/02/98	2.124	250	0.057
Potassium	06/02/98	839.2	NLE	2.272
Selenium	06/02/98	ND	63	0.341
Silver	06/02/98	ND	110	0.341
Sodium	06/02/98	7.482	NLE	2.272
Thallium	06/02/98	ND	2	0.341
Vanadium	06/02/98	33.17	370	0.114
Zinc	06/02/98	20.20	1500	0.114

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Report of Analysis
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Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3580.38
Sample Received: 05/19/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: Field Dup, 6-12''

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/02/98	10910	NLE	1.287
Antimony	06/02/98	1.600	14	0.257
Arsenic	06/02/98	11.24	20	0.257
Barium	06/02/98	21.68	700	0.064
Beryllium	06/02/98	1.322	1	0.064
Cadmium	06/02/98	ND	1	0.064
Calcium	06/02/98	297.0	NLE	2.574
Chromium	06/02/98	149.7	NLE	0.064
Cobalt	06/02/98	4.822	NLE	0.064
Copper	06/02/98	ND	600	0.386
Iron	06/02/98	65860	NLE	1.287
Lead	06/02/98	8.234	100	0.257
Magnesium	06/02/98	848.1	NLE	2.574
Manganese	06/02/98	68.32	NLE	0.064
Mercury	05/18/98	ND	14	0.022
Nickel	06/02/98	17.24	250	0.064
Potassium	06/02/98	1996	NLE	2.574
Selenium	06/02/98	ND	63	0.386
Silver	06/02/98	ND	110	0.386
Sodium	06/02/98	90.62	NLE	2.574
Thallium	06/02/98	ND	2	0.386
Vanadium	06/02/98	183.2	370	0.129
Zinc	06/02/98	74.82	1500	0.129

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3665.25
Sample Received: 06/18/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: Field Dup, 6-12''

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	07/01/98	6418	NLE	1.216
Antimony	07/01/98	0.678	14	0.243
Arsenic	07/01/98	8.753	20	0.243
Barium	07/01/98	18.20	700	0.061
Beryllium	07/01/98	0.7039	1	0.061
Cadmium	07/01/98	ND	1	0.061
Calcium	07/01/98	604.4	NLE	2.433
Chromium	07/01/98	53.40	NLE	0.061
Cobalt	07/01/98	2.825	NLE	0.061
Copper	07/01/98	5.783	600	0.365
Iron	07/01/98	28760	NLE	1.216
Lead	07/01/98	17.83	100	0.243
Magnesium	07/01/98	859.9	NLE	2.433
Manganese	07/01/98	63.65	NLE	0.061
Mercury	07/06/98	ND	14	0.024
Nickel	07/01/98	7.369	250	0.061
Potassium	07/01/98	1671	NLE	2.433
Selenium	07/01/98	ND	63	0.365
Silver	07/01/98	ND	110	0.365
Sodium	07/01/98	34.22	NLE	2.433
Thallium	07/01/98	ND	2	0.365
Vanadium	07/01/98	66.43	370	0.122
Zinc	07/01/98	41.11	1500	0.122

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3722.24
Sample Received:07/13/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: Field Dup, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	08/12/98	3330	NLE	1.132
Antimony	08/12/98	ND	14	0.226
Arsenic	08/12/98	3.72	20	0.226
Barium	08/12/98	21.7	700	0.057
Beryllium	08/12/98	0.492	1	0.057
Cadmium	08/12/98	ND	1	0.057
Calcium	08/12/98	668	NLE	2.264
Chromium	08/12/98	34.5	NLE	0.057
Cobalt	08/12/98	1.34	NLE	0.057
Copper	08/12/98	9.92	600	0.340
Iron	08/12/98	12100	NLE	1.132
Lead	08/12/98	13.5	100	0.226
Magnesium	08/12/98	975	NLE	2.264
Manganese	08/12/98	44.3	NLE	0.057
Mercury	07/29/98	0.019	14	0.021
Nickel	08/12/98	3.90	250	0.057
Potassium	08/12/98	2050	NLE	2.264
Selenium	08/12/98	ND	63	0.340
Silver	08/12/98	ND	110	0.340
Sodium	08/12/98	59.2	NLE	2.264
Thallium	08/12/98	ND	2	0.340
Vanadium	08/12/98	21.7	370	0.113
Zinc	08/12/98	34.8	1500	0.113

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3805.32
Sample Received:08/12/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: Field Dup, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	08/31/98	2490	NLE	1.224
Antimony	08/31/98	ND	14	0.245
Arsenic	08/31/98	4.96	20	0.245
Barium	08/31/98	50.1	700	0.061
Beryllium	08/31/98	0.266	1	0.061
Cadmium	08/31/98	ND	1	0.061
Calcium	08/31/98	823	NLE	2.449
Chromium	08/31/98	5.31	NLE	0.061
Cobalt	08/31/98	1.77	NLE	0.061
Copper	08/31/98	23.6	600	0.367
Iron	08/31/98	4580	NLE	1.224
Lead	08/31/98	11.2	100	0.245
Magnesium	08/31/98	256	NLE	2.449
Manganese	08/31/98	19.3	NLE	0.061
Mercury	08/20/98	0.000	14	0.021
Nickel	08/31/98	5.28	250	0.061
Potassium	08/31/98	488	NLE	2.449
Selenium	08/31/98	ND	63	0.367
Silver	08/31/98	ND	110	0.367
Sodium	08/31/98	278	NLE	2.449
Thallium	08/31/98	0.513	2	0.367
Vanadium	08/31/98	11.8	370	0.122
Zinc	08/31/98	34.2	1500	0.122

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3809.24
Sample Received:08/13/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: Field Dup, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	08/31/98	4200	NLE	1.089
Antimony	08/31/98	0.382	14	0.218
Arsenic	08/31/98	7.26	20	0.218
Barium	08/31/98	36.0	700	0.054
Beryllium	08/31/98	0.449	1	0.054
Cadmium	08/31/98	ND	1	0.054
Calcium	08/31/98	779	NLE	2.178
Chromium	08/31/98	25.5	NLE	0.054
Cobalt	08/31/98	2.24	NLE	0.054
Copper	08/31/98	30.0	600	0.327
Iron	08/31/98	14500	NLE	1.089
Lead	08/31/98	162	100	0.218
Magnesium	08/31/98	839	NLE	2.178
Manganese	08/31/98	43.7	NLE	0.054
Mercury	08/20/98	31.452	14	0.032
Nickel	08/31/98	6.30	250	0.054
Potassium	08/31/98	2170	NLE	2.178
Selenium	08/31/98	ND	63	0.327
Silver	08/31/98	ND	110	0.327
Sodium	08/31/98	218	NLE	2.178
Thallium	08/31/98	ND	2	0.327
Vanadium	08/31/98	25.1	370	0.109
Zinc	08/31/98	31.1	1500	0.109

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3836.38
Sample Received:08/26/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: Field Dup, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	08/31/98	6210	NLE	1.188
Antimony	08/31/98	0.999	14	0.238
Arsenic	08/31/98	9.78	20	0.238
Barium	08/31/98	45.3	700	0.059
Beryllium	08/31/98	0.775	1	0.059
Cadmium	08/31/98	ND	1	0.059
Calcium	08/31/98	508	NLE	2.377
Chromium	08/31/98	61.9	NLE	0.059
Cobalt	08/31/98	1.07	NLE	0.059
Copper	08/31/98	13.4	600	0.357
Iron	08/31/98	25000	NLE	1.188
Lead	08/31/98	43.4	100	0.238
Magnesium	08/31/98	1810	NLE	2.377
Manganese	08/31/98	15.2	NLE	0.059
Mercury	08/31/98	0.393	14	0.024
Nickel	08/31/98	5.16	250	0.059
Potassium	08/31/98	6560	NLE	2.377
Selenium	08/31/98	ND	63	0.357
Silver	08/31/98	ND	110	0.357
Sodium	08/31/98	463	NLE	2.377
Thallium	08/31/98	0.945	2	0.357
Vanadium	08/31/98	34.5	370	0.119
Zinc	08/31/98	38.5	1500	0.119

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

SAMPLES

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3465.03
Sample Received: 04/08/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-1, 6-12''

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	04/30/98	4632	NLE	1.100
Antimony	04/30/98	0.891	14	0.220
Arsenic	04/30/98	4.120	20	0.220
Barium	04/30/98	13.03	700	0.055
Beryllium	04/30/98	0.4862	1	0.055
Cadmium	04/30/98	ND	1	0.055
Calcium	04/30/98	276.0	NLE	2.200
Chromium	04/30/98	46.40	NLE	0.055
Cobalt	04/30/98	1.692	NLE	0.055
Copper	04/30/98	2.887	600	0.330
Iron	04/30/98	18680	NLE	1.100
Lead	04/30/98	14.35	100	0.220
Magnesium	04/30/98	623.7	NLE	2.200
Manganese	04/30/98	47.18	NLE	0.055
Mercury	04/10/98	0.018	14	0.011
Nickel	04/30/98	5.762	250	0.055
Potassium	04/30/98	1412	NLE	2.200
Selenium	04/30/98	ND	63	0.330
Silver	04/30/98	ND	110	0.330
Sodium	04/30/98	39.52	NLE	2.200
Thallium	04/30/98	ND	2	0.330
Vanadium	04/30/98	53.06	370	0.110
Zinc	04/30/98	36.18	1500	0.110

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3465.07
Sample Received: 04/08/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-2, 6-12''

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	04/30/98	13450	NLE	1.267
Antimony	04/30/98	2.881	14	0.253
Arsenic	04/30/98	20.13	20	0.253
Barium	04/30/98	32.88	700	0.063
Beryllium	04/30/98	1.611	1	0.063
Cadmium	04/30/98	0.2010	1	0.063
Calcium	04/30/98	748.3	NLE	2.535
Chromium	04/30/98	152.8	NLE	0.063
Cobalt	04/30/98	5.048	NLE	0.063
Copper	04/30/98	5.284	600	0.380
Iron	04/30/98	59460	NLE	1.267
Lead	04/30/98	24.96	100	0.253
Magnesium	04/30/98	1468	NLE	2.535
Manganese	04/30/98	69.84	NLE	0.063
Mercury	04/10/98	0.084	14	0.012
Nickel	04/30/98	18.80	250	0.063
Potassium	04/30/98	3255	NLE	2.535
Selenium	04/30/98	ND	63	0.380
Silver	04/30/98	ND	110	0.380
Sodium	04/30/98	37.37	NLE	2.535
Thallium	04/30/98	ND	2	0.380
Vanadium	04/30/98	200.1	370	0.127
Zinc	04/30/98	90.91	1500	0.127

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3465.11
Sample Received: 04/08/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-3, 6-12''

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	04/30/98	10970	NLE	1.208
Antimony	04/30/98	1.599	14	0.242
Arsenic	04/30/98	32.33	20	0.242
Barium	04/30/98	30.43	700	0.060
Beryllium	04/30/98	1.102	1	0.060
Cadmium	04/30/98	0.1798	1	0.060
Calcium	04/30/98	928.7	NLE	2.415
Chromium	04/30/98	83.07	NLE	0.060
Cobalt	04/30/98	3.708	NLE	0.060
Copper	04/30/98	6.870	600	0.362
Iron	04/30/98	41330	NLE	1.208
Lead	04/30/98	59.27	100	0.242
Magnesium	04/30/98	1548	NLE	2.415
Manganese	04/30/98	76.15	NLE	0.060
Mercury	04/10/98	0.949	14	0.055
Nickel	04/30/98	11.78	250	0.060
Potassium	04/30/98	4106	NLE	2.415
Selenium	04/30/98	ND	63	0.362
Silver	04/30/98	ND	110	0.362
Sodium	04/30/98	66.18	NLE	2.415
Thallium	04/30/98	ND	2	0.362
Vanadium	04/30/98	103.1	370	0.121
Zinc	04/30/98	71.52	1500	0.121

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3470.03
Sample Received: 04/09/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-4, 6-12''

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	04/30/98	10250	NLE	1.010
Antimony	04/30/98	1.421	14	0.220
Arsenic	04/30/98	10.22	20	0.220
Barium	04/30/98	21.25	700	0.055
Beryllium	04/30/98	1.015	1	0.055
Cadmium	04/30/98	0.2656	1	0.055
Calcium	04/30/98	707.8	NLE	2.201
Chromium	04/30/98	84.62	NLE	0.055
Cobalt	04/30/98	4.383	NLE	0.055
Copper	04/30/98	2.717	600	0.330
Iron	04/30/98	44130	NLE	1.101
Lead	04/30/98	8.682	100	0.220
Magnesium	04/30/98	1250	NLE	2.201
Manganese	04/30/98	83.14	NLE	0.055
Mercury	04/10/98	ND	14	0.011
Nickel	04/30/98	12.74	250	0.055
Potassium	04/30/98	2577	NLE	2.201
Selenium	04/30/98	ND	63	0.330
Silver	04/30/98	ND	110	0.330
Sodium	04/30/98	95.95	NLE	2.201
Thallium	04/30/98	ND	2	0.330
Vanadium	04/30/98	115.4	370	0.110
Zinc	04/30/98	62.01	1500	0.110

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3470.07
Sample Received: 04/09/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-5, 6-12''

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	04/30/98	6368	NLE	1.177
Antimony	04/30/98	1.159	14	0.246
Arsenic	04/30/98	9.054	20	0.246
Barium	04/30/98	40.37	700	0.061
Beryllium	04/30/98	0.7370	1	0.061
Cadmium	04/30/98	0.1551	1	0.061
Calcium	04/30/98	459.9	NLE	2.458
Chromium	04/30/98	42.42	NLE	0.061
Cobalt	04/30/98	1.834	NLE	0.061
Copper	04/30/98	30.09	600	0.369
Iron	04/30/98	22150	NLE	1.229
Lead	04/30/98	135.1	100	0.246
Magnesium	04/30/98	1222	NLE	2.458
Manganese	04/30/98	50.43	NLE	0.061
Mercury	04/10/98	0.228	14	0.012
Nickel	04/30/98	6.330	250	0.061
Potassium	04/30/98	3614	NLE	2.458
Selenium	04/30/98	ND	63	0.369
Silver	04/30/98	ND	110	0.369
Sodium	04/30/98	124.8	NLE	2.458
Thallium	04/30/98	ND	2	0.369
Vanadium	04/30/98	37.50	370	0.123
Zinc	04/30/98	58.64	1500	0.123

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3470.11
Sample Received: 04/09/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-6, 6-12''

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	04/30/98	8343	NLE	1.085
Antimony	04/30/98	0.710	14	0.236
Arsenic	04/30/98	8.850	20	0.236
Barium	04/30/98	18.58	700	0.059
Beryllium	04/30/98	0.7328	1	0.059
Cadmium	04/30/98	0.0579	1	0.059
Calcium	04/30/98	561.5	NLE	2.356
Chromium	04/30/98	53.53	NLE	0.059
Cobalt	04/30/98	3.863	NLE	0.059
Copper	04/30/98	2.421	600	0.353
Iron	04/30/98	30210	NLE	1.178
Lead	04/30/98	16.31	100	0.236
Magnesium	04/30/98	1051	NLE	2.356
Manganese	04/30/98	104.4	NLE	0.059
Mercury	04/10/98	ND	14	0.011
Nickel	04/30/98	10.08	250	0.059
Potassium	04/30/98	2171	NLE	2.356
Selenium	04/30/98	ND	63	0.353
Silver	04/30/98	ND	110	0.353
Sodium	04/30/98	109.0	NLE	2.356
Thallium	04/30/98	ND	2	0.353
Vanadium	04/30/98	76.97	370	0.118
Zinc	04/30/98	44.99	1500	0.118

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3470.15
Sample Received: 04/09/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-7, 6-12''

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	04/30/98	13830	NLE	1.176
Antimony	04/30/98	2.079	14	0.242
Arsenic	04/30/98	11.54	20	0.242
Barium	04/30/98	116.04	700	0.061
Beryllium	04/30/98	1.320	1	0.061
Cadmium	04/30/98	0.5410	1	0.061
Calcium	04/30/98	3956	NLE	2.423
Chromium	04/30/98	75.63	NLE	0.061
Cobalt	04/30/98	6.127	NLE	0.061
Copper	04/30/98	254.1	600	0.363
Iron	04/30/98	29220	NLE	1.211
Lead	04/30/98	370.1	100	0.242
Magnesium	04/30/98	1571	NLE	2.423
Manganese	04/30/98	146.0	NLE	0.061
Mercury	04/10/98	0.687	14	0.065
Nickel	04/30/98	16.79	250	0.061
Potassium	04/30/98	4423	NLE	2.423
Selenium	04/30/98	ND	63	0.363
Silver	04/30/98	ND	110	0.363
Sodium	04/30/98	969.8	NLE	2.423
Thallium	04/30/98	ND	2	0.363
Vanadium	04/30/98	76.13	370	0.121
Zinc	04/30/98	178.0	1500	0.121

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3472.03
Sample Received: 04/10/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-8, 6-12''

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	04/30/98	3691	NLE	1.374
Antimony	04/30/98	0.486	14	0.275
Arsenic	04/30/98	19.98	20	0.275
Barium	04/30/98	31.68	700	0.069
Beryllium	04/30/98	0.7184	1	0.069
Cadmium	04/30/98	0.2736	1	0.069
Calcium	04/30/98	1373	NLE	2.748
Chromium	04/30/98	13.02	NLE	0.069
Cobalt	04/30/98	4.926	NLE	0.069
Copper	04/30/98	43.77	600	0.412
Iron	04/30/98	10980	NLE	1.374
Lead	04/30/98	57.95	100	0.275
Magnesium	04/30/98	373.7	NLE	2.748
Manganese	04/30/98	30.67	NLE	0.069
Mercury	04/24/98	1.257	14	0.140
Nickel	04/30/98	12.94	250	0.069
Potassium	04/30/98	690.0	NLE	2.748
Selenium	04/30/98	0.785	63	0.412
Silver	04/30/98	ND	110	0.412
Sodium	04/30/98	259.8	NLE	2.748
Thallium	04/30/98	ND	2	0.412
Vanadium	04/30/98	24.00	370	0.137
Zinc	04/30/98	22.14	1500	0.137

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3472.07
Sample Received: 04/10/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-9, 6-12''

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	04/30/98	4474	NLE	1.171
Antimony	04/30/98	1.098	14	0.234
Arsenic	04/30/98	15.98	20	0.234
Barium	04/30/98	58.82	700	0.059
Beryllium	04/30/98	0.4577	1	0.059
Cadmium	04/30/98	0.5314	1	0.059
Calcium	04/30/98	1105	NLE	2.343
Chromium	04/30/98	14.93	NLE	0.059
Cobalt	04/30/98	4.535	NLE	0.059
Copper	04/30/98	2837	600	0.351
Iron	04/30/98	9325	NLE	1.171
Lead	04/30/98	383.9	100	0.234
Magnesium	04/30/98	423.7	NLE	2.343
Manganese	04/30/98	484.3	NLE	0.059
Mercury	04/24/98	0.236	14	0.013
Nickel	04/30/98	10.39	250	0.059
Potassium	04/30/98	1241	NLE	2.343
Selenium	04/30/98	1.534	63	0.351
Silver	04/30/98	ND	110	0.351
Sodium	04/30/98	227.5	NLE	2.343
Thallium	04/30/98	ND	2	0.351
Vanadium	04/30/98	19.41	370	0.117
Zinc	04/30/98	942.9	1500	0.117

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3472.11
Sample Received: 04/10/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-10, 6-12''

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	04/30/98	9667	NLE	1.160
Antimony	04/30/98	1.569	14	0.232
Arsenic	04/30/98	11.87	20	0.232
Barium	04/30/98	23.16	700	0.058
Beryllium	04/30/98	1.055	1	0.058
Cadmium	04/30/98	0.1708	1	0.058
Calcium	04/30/98	453.0	NLE	2.320
Chromium	04/30/98	82.74	NLE	0.058
Cobalt	04/30/98	4.224	NLE	0.058
Copper	04/30/98	14.52	600	0.348
Iron	04/30/98	40700	NLE	1.160
Lead	04/30/98	17.36	100	0.232
Magnesium	04/30/98	1019	NLE	2.320
Manganese	04/30/98	97.99	NLE	0.058
Mercury	04/24/98	0.091	14	0.013
Nickel	04/30/98	12.34	250	0.058
Potassium	04/30/98	2288	NLE	2.320
Selenium	04/30/98	ND	63	0.348
Silver	04/30/98	ND	110	0.348
Sodium	04/30/98	68.42	NLE	2.320
Thallium	04/30/98	ND	2	0.348
Vanadium	04/30/98	118.7	370	0.116
Zinc	04/30/98	64.90	1500	0.116

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3473.03
Sample Received: 04/11/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-11, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	04/30/98	10420	NLE	1.174
Antimony	04/30/98	2.011	14	0.235
Arsenic	04/30/98	11.44	20	0.235
Barium	04/30/98	23.76	700	0.059
Beryllium	04/30/98	1.100	1	0.059
Cadmium	04/30/98	0.1037	1	0.059
Calcium	04/30/98	555.8	NLE	2.348
Chromium	04/30/98	104.3	NLE	0.059
Cobalt	04/30/98	5.456	NLE	0.059
Copper	04/30/98	6.138	600	0.352
Iron	04/30/98	44300	NLE	1.174
Lead	04/30/98	8.172	100	0.235
Magnesium	04/30/98	1049	NLE	2.348
Manganese	04/30/98	86.40	NLE	0.059
Mercury	04/24/98	0.017	14	0.013
Nickel	04/30/98	17.50	250	0.059
Potassium	04/30/98	2328	NLE	2.348
Selenium	04/30/98	ND	63	0.352
Silver	04/30/98	ND	110	0.352
Sodium	04/30/98	142.9	NLE	2.348
Thallium	04/30/98	ND	2	0.352
Vanadium	04/30/98	141.0	370	0.117
Zinc	04/30/98	65.80	1500	0.117

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3473.07
Sample Received: 04/11/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-12, 6-12''

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	04/30/98	10180	NLE	1.191
Antimony	04/30/98	1.568	14	0.238
Arsenic	04/30/98	11.02	20	0.238
Barium	04/30/98	22.06	700	0.060
Beryllium	04/30/98	0.9966	1	0.060
Cadmium	04/30/98	0.0837	1	0.060
Calcium	04/30/98	1110	NLE	2.381
Chromium	04/30/98	86.63	NLE	0.060
Cobalt	04/30/98	5.389	NLE	0.060
Copper	04/30/98	4.719	600	0.357
Iron	04/30/98	39710	NLE	1.191
Lead	04/30/98	9.266	100	0.238
Magnesium	04/30/98	1442	NLE	2.381
Manganese	04/30/98	105.6	NLE	0.060
Mercury	04/24/98	0.055	14	0.013
Nickel	04/30/98	14.20	250	0.060
Potassium	04/30/98	2392	NLE	2.381
Selenium	04/30/98	ND	63	0.357
Silver	04/30/98	ND	110	0.357
Sodium	04/30/98	66.20	NLE	2.381
Thallium	04/30/98	ND	2	0.357
Vanadium	04/30/98	120.3	370	0.119
Zinc	04/30/98	59.62	1500	0.119

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3473.11
Sample Received: 04/11/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-13, 6-12''

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	04/30/98	10770	NLE	1.046
Antimony	04/30/98	1.548	14	0.209
Arsenic	04/30/98	13.28	20	0.209
Barium	04/30/98	28.75	700	0.052
Beryllium	04/30/98	1.090	1	0.052
Cadmium	04/30/98	0.0925	1	0.052
Calcium	04/30/98	1749	NLE	2.092
Chromium	04/30/98	83.47	NLE	0.052
Cobalt	04/30/98	3.820	NLE	0.052
Copper	04/30/98	7.043	600	0.314
Iron	04/30/98	39530	NLE	1.046
Lead	04/30/98	32.80	100	0.209
Magnesium	04/30/98	2317	NLE	2.092
Manganese	04/30/98	85.88	NLE	0.052
Mercury	04/24/98	0.467	14	0.012
Nickel	04/30/98	12.04	250	0.052
Potassium	04/30/98	4990	NLE	2.092
Selenium	04/30/98	ND	63	0.314
Silver	04/30/98	ND	110	0.314
Sodium	04/30/98	67.71	NLE	2.092
Thallium	04/30/98	ND	2	0.314
Vanadium	04/30/98	104.6	370	0.105
Zinc	04/30/98	66.81	1500	0.105

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3473.15
Sample Received: 04/11/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-14, 6-12''

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	04/30/98	10610	NLE	1.194
Antimony	04/30/98	2.184	14	0.239
Arsenic	04/30/98	12.94	20	0.239
Barium	04/30/98	21.51	700	0.060
Beryllium	04/30/98	1.376	1	0.060
Cadmium	04/30/98	0.3648	1	0.060
Calcium	04/30/98	1224	NLE	2.388
Chromium	04/30/98	117.3	NLE	0.060
Cobalt	04/30/98	5.631	NLE	0.060
Copper	04/30/98	4.110	600	0.358
Iron	04/30/98	56290	NLE	1.194
Lead	04/30/98	8.331	100	0.239
Magnesium	04/30/98	1445	NLE	2.388
Manganese	04/30/98	115.4	NLE	0.060
Mercury	04/24/98	0.024	14	0.012
Nickel	04/30/98	19.62	250	0.060
Potassium	04/30/98	2466	NLE	2.388
Selenium	04/30/98	ND	63	0.358
Silver	04/30/98	ND	110	0.358
Sodium	04/30/98	79.89	NLE	2.388
Thallium	04/30/98	ND	2	0.358
Vanadium	04/30/98	166.2	370	0.119
Zinc	04/30/98	108.8	1500	0.119

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3473.19
Sample Received: 04/11/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-15, 6-12''

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	03/31/98	12770	NLE	1.177
Antimony	03/31/98	2.339	14	0.235
Arsenic	03/31/98	14.03	20	0.235
Barium	03/31/98	29.59	700	0.059
Beryllium	03/31/98	1.187	1	0.059
Cadmium	03/31/98	0.2357	1	0.059
Calcium	03/31/98	600.2	NLE	2.353
Chromium	03/31/98	98.72	NLE	0.059
Cobalt	03/31/98	5.412	NLE	0.059
Copper	03/31/98	2.605	600	0.353
Iron	03/31/98	47940	NLE	1.177
Lead	03/31/98	8.012	100	0.235
Magnesium	03/31/98	1278	NLE	2.353
Manganese	03/31/98	87.25	NLE	0.059
Mercury	04/01/98	0.012	14	0.011
Nickel	03/31/98	15.27	250	0.059
Potassium	03/31/98	3631	NLE	2.353
Selenium	03/31/98	ND	63	0.353
Silver	03/31/98	ND	110	0.353
Sodium	03/31/98	83.87	NLE	2.353
Thallium	03/31/98	ND	2	0.353
Vanadium	03/31/98	146.2	370	0.118
Zinc	03/31/98	79.64	1500	0.118

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3477.03
Sample Received: 04/13/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-16, 6-12''

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	04/30/98	12110	NLE	1.003
Antimony	04/30/98	1.504	14	0.201
Arsenic	04/30/98	12.91	20	0.201
Barium	04/30/98	77.62	700	0.050
Beryllium	04/30/98	1.463	1	0.050
Cadmium	04/30/98	0.3385	1	0.050
Calcium	04/30/98	1370	NLE	2.006
Chromium	04/30/98	70.59	NLE	0.050
Cobalt	04/30/98	5.138	NLE	0.050
Copper	04/30/98	132.3	600	0.301
Iron	04/30/98	33680	NLE	1.003
Lead	04/30/98	288.8	100	0.201
Magnesium	04/30/98	1392	NLE	2.006
Manganese	04/30/98	110.8	NLE	0.050
Mercury	04/24/98	0.437	14	0.012
Nickel	04/30/98	15.51	250	0.050
Potassium	04/30/98	3944	NLE	2.006
Selenium	04/30/98	ND	63	0.301
Silver	04/30/98	ND	110	0.301
Sodium	04/30/98	248.0	NLE	2.006
Thallium	04/30/98	ND	2	0.301
Vanadium	04/30/98	90.73	370	0.100
Zinc	04/30/98	120.7	1500	0.100

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3477.07
Sample Received: 04/13/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-17, 6-12''

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	04/30/98	2705	NLE	1.203
Antimony	04/30/98	2.110	14	0.241
Arsenic	04/30/98	7.747	20	0.241
Barium	04/30/98	19.80	700	0.060
Beryllium	04/30/98	0.3558	1	0.060
Cadmium	04/30/98	0.4820	1	0.060
Calcium	04/30/98	746.9	NLE	2.407
Chromium	04/30/98	5.603	NLE	0.060
Cobalt	04/30/98	3.410	NLE	0.060
Copper	04/30/98	191.4	600	0.361
Iron	04/30/98	4204	NLE	1.203
Lead	04/30/98	1793	100	0.241
Magnesium	04/30/98	184.9	NLE	2.407
Manganese	04/30/98	24.55	NLE	0.060
Mercury	04/24/98	0.062	14	0.012
Nickel	04/30/98	8.915	250	0.060
Potassium	04/30/98	375.3	NLE	2.407
Selenium	04/30/98	0.438	63	0.361
Silver	04/30/98	ND	110	0.361
Sodium	04/30/98	152.2	NLE	2.407
Thallium	04/30/98	ND	2	0.361
Vanadium	04/30/98	10.90	370	0.120
Zinc	04/30/98	46.07	1500	0.120

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3477.11
Sample Received: 04/13/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-18, 6-12''

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	04/30/98	5034	NLE	1.322
Antimony	04/30/98	0.716	14	0.264
Arsenic	04/30/98	10.67	20	0.264
Barium	04/30/98	57.41	700	0.066
Beryllium	04/30/98	0.5955	1	0.066
Cadmium	04/30/98	1.934	1	0.066
Calcium	04/30/98	1947	NLE	2.644
Chromium	04/30/98	13.86	NLE	0.066
Cobalt	04/30/98	5.639	NLE	0.066
Copper	04/30/98	504.4	600	0.397
Iron	04/30/98	8125	NLE	1.322
Lead	04/30/98	305.2	100	0.264
Magnesium	04/30/98	348.8	NLE	2.644
Manganese	04/30/98	50.34	NLE	0.066
Mercury	04/24/98	0.133	14	0.013
Nickel	04/30/98	15.97	250	0.066
Potassium	04/30/98	907.7	NLE	2.644
Selenium	04/30/98	0.780	63	0.397
Silver	04/30/98	1.519	110	0.397
Sodium	04/30/98	246.7	NLE	2.644
Thallium	04/30/98	ND	2	0.397
Vanadium	04/30/98	17.17	370	0.132
Zinc	04/30/98	627.4	1500	0.132

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3477.15
Sample Received: 04/13/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-19, 6-12''

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	04/30/98	10530	NLE	0.983
Antimony	04/30/98	1.411	14	0.197
Arsenic	04/30/98	1030	20	0.197
Barium	04/30/98	28.22	700	0.049
Beryllium	04/30/98	0.9895	1	0.049
Cadmium	04/30/98	1.258	1	0.049
Calcium	04/30/98	533.2	NLE	1.965
Chromium	04/30/98	83.08	NLE	0.049
Cobalt	04/30/98	2.785	NLE	0.049
Copper	04/30/98	6.488	600	0.295
Iron	04/30/98	33280	NLE	0.983
Lead	04/30/98	10.63	100	0.197
Magnesium	04/30/98	2199	NLE	1.965
Manganese	04/30/98	59.32	NLE	0.049
Mercury	04/24/98	ND	14	0.012
Nickel	04/30/98	8.234	250	0.049
Potassium	04/30/98	4763	NLE	1.965
Selenium	04/30/98	ND	63	0.295
Silver	04/30/98	ND	110	0.295
Sodium	04/30/98	37.78	NLE	1.965
Thallium	04/30/98	ND	2	0.295
Vanadium	04/30/98	66.69	370	0.098
Zinc	04/30/98	42.60	1500	0.098

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3479.03
Sample Received: 04/14/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-20, 6-12''

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	05/12/98	12710	NLE	1.201
Antimony	05/12/98	1.180	14	0.240
Arsenic	05/12/98	14.23	20	0.240
Barium	05/12/98	26.01	700	0.060
Beryllium	05/12/98	1.228	1	0.060
Cadmium	05/12/98	1.410	1	0.060
Calcium	05/12/98	750.3	NLE	2.402
Chromium	05/12/98	106.7	NLE	0.060
Cobalt	05/12/98	3.228	NLE	0.060
Copper	05/12/98	4.663	600	0.360
Iron	05/12/98	38800	NLE	1.201
Lead	05/12/98	16.25	100	0.240
Magnesium	05/12/98	3160	NLE	2.402
Manganese	05/12/98	76.21	NLE	0.060
Mercury	04/24/98	0.019	14	0.012
Nickel	05/12/98	10.40	250	0.060
Potassium	05/12/98	5588	NLE	2.402
Selenium	05/12/98	ND	63	0.360
Silver	05/12/98	ND	110	0.360
Sodium	05/12/98	48.64	NLE	2.402
Thallium	05/12/98	ND	2	0.360
Vanadium	05/12/98	67.64	370	0.120
Zinc	05/12/98	56.35	1500	0.120

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3479.07
Sample Received: 04/14/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-21, 6-12''

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	05/12/98	12310	NLE	1.171
Antimony	05/12/98	1.586	14	0.234
Arsenic	05/12/98	12.38	20	0.234
Barium	05/12/98	34.10	700	0.059
Beryllium	05/12/98	1.182	1	0.059
Cadmium	05/12/98	ND	1	0.059
Calcium	05/12/98	4851	NLE	2.341
Chromium	05/12/98	109.2	NLE	0.059
Cobalt	05/12/98	5.048	NLE	0.059
Copper	05/12/98	5.500	600	0.351
Iron	05/12/98	44760	NLE	1.171
Lead	05/12/98	9.176	100	0.234
Magnesium	05/12/98	3428	NLE	2.341
Manganese	05/12/98	81.37	NLE	0.059
Mercury	04/24/98	ND	14	0.013
Nickel	05/12/98	15.46	250	0.059
Potassium	05/12/98	3221	NLE	2.341
Selenium	05/12/98	ND	63	0.351
Silver	05/12/98	ND	110	0.351
Sodium	05/12/98	235.5	NLE	2.341
Thallium	05/12/98	ND	2	0.351
Vanadium	05/12/98	135.8	370	0.117
Zinc	05/12/98	74.92	1500	0.117

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3479.11
Sample Received: 04/14/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-22, 6-12''

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	05/12/98	6500	NLE	1.008
Antimony	05/12/98	0.811	14	0.202
Arsenic	05/12/98	6.743	20	0.202
Barium	05/12/98	18.78	700	0.050
Beryllium	05/12/98	0.7200	1	0.050
Cadmium	05/12/98	ND	1	0.050
Calcium	05/12/98	1079	NLE	2.015
Chromium	05/12/98	53.19	NLE	0.050
Cobalt	05/12/98	2.142	NLE	0.050
Copper	05/12/98	4.971	600	0.302
Iron	05/12/98	19270	NLE	1.008
Lead	05/12/98	11.83	100	0.202
Magnesium	05/12/98	2083	NLE	2.015
Manganese	05/12/98	67.71	NLE	0.050
Mercury	04/24/98	0.011	14	0.011
Nickel	05/12/98	5.720	250	0.050
Potassium	05/12/98	4347	NLE	2.015
Selenium	05/12/98	ND	63	0.302
Silver	05/12/98	ND	110	0.302
Sodium	05/12/98	33.37	NLE	2.015
Thallium	05/12/98	ND	2	0.302
Vanadium	05/12/98	34.59	370	0.101
Zinc	05/12/98	32.86	1500	0.101

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3485.03
Sample Received: 04/15/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-23, 6-12''

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/30/98	10230	NLE	1.102
Antimony	04/30/98	1.933	14	0.220
Arsenic	04/30/98	11.27	20	0.220
Barium	04/30/98	18.63	700	0.055
Beryllium	04/30/98	1.132	1	0.055
Cadmium	04/30/98	0.2331	1	0.055
Calcium	04/30/98	672.4	NLE	2.204
Chromium	04/30/98	106.8	NLE	0.055
Cobalt	04/30/98	3.946	NLE	0.055
Copper	04/30/98	37.20	600	0.331
Iron	04/30/98	50900	NLE	1.102
Lead	04/30/98	17.20	100	0.220
Magnesium	04/30/98	1176	NLE	2.204
Manganese	04/30/98	74.58	NLE	0.055
Mercury	04/24/98	ND	14	0.012
Nickel	04/30/98	13.06	250	0.055
Potassium	04/30/98	2592	NLE	2.204
Selenium	04/30/98	ND	63	0.331
Silver	04/30/98	ND	110	0.331
Sodium	04/30/98	35.27	NLE	2.204
Thallium	04/30/98	ND	2	0.331
Vanadium	04/30/98	138.4	370	0.110
Zinc	04/30/98	86.32	1500	0.110

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3485.07
Sample Received: 04/15/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-24, 6-12''

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/30/98	8798	NLE	1.269
Antimony	04/30/98	2.019	14	0.254
Arsenic	04/30/98	11.08	20	0.254
Barium	04/30/98	22.06	700	0.063
Beryllium	04/30/98	1.003	1	0.063
Cadmium	04/30/98	0.4323	1	0.063
Calcium	04/30/98	645.4	NLE	2.537
Chromium	04/30/98	92.13	NLE	0.063
Cobalt	04/30/98	4.480	NLE	0.063
Copper	04/30/98	11.34	600	0.381
Iron	04/30/98	41650	NLE	1.269
Lead	04/30/98	10.74	100	0.254
Magnesium	04/30/98	958.6	NLE	2.537
Manganese	04/30/98	86.61	NLE	0.063
Mercury	04/24/98	ND	14	0.011
Nickel	04/30/98	12.94	250	0.063
Potassium	04/30/98	1592	NLE	2.537
Selenium	04/30/98	ND	63	0.381
Silver	04/30/98	ND	110	0.381
Sodium	04/30/98	58.67	NLE	2.537
Thallium	04/30/98	ND	2	0.381
Vanadium	04/30/98	126.7	370	0.127
Zinc	04/30/98	67.07	1500	0.127

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3485.11
Sample Received: 04/15/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-25, 6-12''

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/30/98	5973	NLE	1.016
Antimony	04/30/98	0.535	14	0.203
Arsenic	04/30/98	9.377	20	0.203
Barium	04/30/98	54.85	700	0.051
Beryllium	04/30/98	0.5943	1	0.051
Cadmium	04/30/98	0.5041	1	0.051
Calcium	04/30/98	2380	NLE	2.031
Chromium	04/30/98	43.80	NLE	0.051
Cobalt	04/30/98	3.881	NLE	0.051
Copper	04/30/98	102.8	600	0.305
Iron	04/30/98	23110	NLE	1.016
Lead	04/30/98	207.2	100	0.203
Magnesium	04/30/98	1409	NLE	2.031
Manganese	04/30/98	104.8	NLE	0.051
Mercury	04/24/98	0.201	14	0.012
Nickel	04/30/98	10.85	250	0.051
Potassium	04/30/98	1725	NLE	2.031
Selenium	04/30/98	ND	63	0.305
Silver	04/30/98	ND	110	0.305
Sodium	04/30/98	95.40	NLE	2.031
Thallium	04/30/98	ND	2	0.305
Vanadium	04/30/98	51.98	370	0.102
Zinc	04/30/98	163.9	1500	0.102

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3485.15
Sample Received: 04/15/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-26, 6-12''

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/30/98	3987	NLE	1.242
Antimony	04/30/98	1.402	14	0.248
Arsenic	04/30/98	12.45	20	0.248
Barium	04/30/98	93.31	700	0.062
Beryllium	04/30/98	0.5401	1	0.062
Cadmium	04/30/98	1.011	1	0.062
Calcium	04/30/98	1670	NLE	2.485
Chromium	04/30/98	24.87	NLE	0.062
Cobalt	04/30/98	3.974	NLE	0.062
Copper	04/30/98	484.1	600	0.373
Iron	04/30/98	17000	NLE	1.242
Lead	04/30/98	921.5	100	0.248
Magnesium	04/30/98	378.7	NLE	2.485
Manganese	04/30/98	97.11	NLE	0.062
Mercury	04/24/98	0.485	14	0.013
Nickel	04/30/98	13.33	250	0.062
Potassium	04/30/98	684.0	NLE	2.485
Selenium	04/30/98	0.888	63	0.373
Silver	04/30/98	1.574	110	0.373
Sodium	04/30/98	333.1	NLE	2.485
Thallium	04/30/98	ND	2	0.373
Vanadium	04/30/98	34.20	370	0.124
Zinc	04/30/98	303.7	1500	0.124

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3498.03
Sample Received: 04/20/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-27, 6-12''

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/30/98	4737	NLE	1.220
Antimony	04/30/98	0.609	14	0.244
Arsenic	04/30/98	14.28	20	0.244
Barium	04/30/98	102.3	700	0.061
Beryllium	04/30/98	0.5059	1	0.061
Cadmium	04/30/98	1.863	1	0.061
Calcium	04/30/98	2181	NLE	2.441
Chromium	04/30/98	25.25	NLE	0.061
Cobalt	04/30/98	3.495	NLE	0.061
Copper	04/30/98	566.7	600	0.366
Iron	04/30/98	14330	NLE	1.220
Lead	04/30/98	708.5	100	0.244
Magnesium	04/30/98	1019	NLE	2.441
Manganese	04/30/98	73.72	NLE	0.061
Mercury	04/24/98	0.512	14	0.012
Nickel	04/30/98	10.33	250	0.061
Potassium	04/30/98	1454	NLE	2.441
Selenium	04/30/98	0.881	63	0.366
Silver	04/30/98	0.419	110	0.366
Sodium	04/30/98	159.7	NLE	2.441
Thallium	04/30/98	ND	2	0.366
Vanadium	04/30/98	28.86	370	0.122
Zinc	04/30/98	179.4	1500	0.122

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3498.07
Sample Received: 04/20/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-28, 6-12''

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/30/98	10510	NLE	1.006
Antimony	04/30/98	2.536	14	0.201
Arsenic	04/30/98	11.12	20	0.201
Barium	04/30/98	27.13	700	0.050
Beryllium	04/30/98	1.382	1	0.050
Cadmium	04/30/98	0.2193	1	0.050
Calcium	04/30/98	775.9	NLE	2.012
Chromium	04/30/98	141.4	NLE	0.050
Cobalt	04/30/98	3.636	NLE	0.050
Copper	04/30/98	7.552	600	0.302
Iron	04/30/98	51640	NLE	1.006
Lead	04/30/98	21.74	100	0.201
Magnesium	04/30/98	1088	NLE	2.012
Manganese	04/30/98	52.63	NLE	0.050
Mercury	04/24/98	0.064	14	0.012
Nickel	04/30/98	11.45	250	0.050
Potassium	04/30/98	2371	NLE	2.012
Selenium	04/30/98	ND	63	0.302
Silver	04/30/98	ND	110	0.302
Sodium	04/30/98	49.69	NLE	2.012
Thallium	04/30/98	ND	2	0.302
Vanadium	04/30/98	191.7	370	0.101
Zinc	04/30/98	70.69	1500	0.101

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3498.11
Sample Received: 04/20/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-29, 6-12''

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/30/98	3825	NLE	1.241
Antimony	04/30/98	0.562	14	0.248
Arsenic	04/30/98	5.409	20	0.248
Barium	04/30/98	21.80	700	0.062
Beryllium	04/30/98	0.4842	1	0.062
Cadmium	04/30/98	0.0786	1	0.062
Calcium	04/30/98	715.5	NLE	2.481
Chromium	04/30/98	28.13	NLE	0.062
Cobalt	04/30/98	0.8424	NLE	0.062
Copper	04/30/98	7.933	600	0.372
Iron	04/30/98	11250	NLE	1.241
Lead	04/30/98	39.12	100	0.248
Magnesium	04/30/98	844.5	NLE	2.481
Manganese	04/30/98	39.55	NLE	0.062
Mercury	04/24/98	0.056	14	0.012
Nickel	04/30/98	3.095	250	0.062
Potassium	04/30/98	1592	NLE	2.481
Selenium	04/30/98	ND	63	0.372
Silver	04/30/98	ND	110	0.372
Sodium	04/30/98	35.99	NLE	2.481
Thallium	04/30/98	ND	2	0.372
Vanadium	04/30/98	19.39	370	0.124
Zinc	04/30/98	55.47	1500	0.124

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3498.15
Sample Received: 04/20/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-30, 6-12''

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/30/98	11450	NLE	1.216
Antimony	04/30/98	1.410	14	0.243
Arsenic	04/30/98	10.21	20	0.243
Barium	04/30/98	27.58	700	0.061
Beryllium	04/30/98	0.9559	1	0.061
Cadmium	04/30/98	0.1311	1	0.061
Calcium	04/30/98	1593	NLE	2.431
Chromium	04/30/98	78.50	NLE	0.061
Cobalt	04/30/98	4.455	NLE	0.061
Copper	04/30/98	4.673	600	0.365
Iron	04/30/98	36530	NLE	1.216
Lead	04/30/98	10.71	100	0.243
Magnesium	04/30/98	1847	NLE	2.431
Manganese	04/30/98	87.83	NLE	0.061
Mercury	04/24/98	0.012	14	0.011
Nickel	04/30/98	12.99	250	0.061
Potassium	04/30/98	2876	NLE	2.431
Selenium	04/30/98	ND	63	0.365
Silver	04/30/98	ND	110	0.365
Sodium	04/30/98	77.41	NLE	2.431
Thallium	04/30/98	ND	2	0.365
Vanadium	04/30/98	109.7	370	0.122
Zinc	04/30/98	56.71	1500	0.122

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3500.02
Sample Received: 04/21/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-31, 6-12''

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/30/98	9478	NLE	0.968
Antimony	04/30/98	1.835	14	0.194
Arsenic	04/30/98	12.89	20	0.194
Barium	04/30/98	26.00	700	0.048
Beryllium	04/30/98	1.034	1	0.048
Cadmium	04/30/98	0.1635	1	0.048
Calcium	04/30/98	705.5	NLE	1.936
Chromium	04/30/98	102.1	NLE	0.048
Cobalt	04/30/98	1.878	NLE	0.048
Copper	04/30/98	8.222	600	0.290
Iron	04/30/98	39390	NLE	0.968
Lead	04/30/98	34.73	100	0.194
Magnesium	04/30/98	1751	NLE	1.936
Manganese	04/30/98	38.07	NLE	0.048
Mercury	04/24/98	0.184	14	0.012
Nickel	04/30/98	8.486	250	0.048
Potassium	04/30/98	4834	NLE	1.936
Selenium	04/30/98	ND	63	0.290
Silver	04/30/98	ND	110	0.290
Sodium	04/30/98	39.97	NLE	1.936
Thallium	04/30/98	ND	2	0.290
Vanadium	04/30/98	79.23	370	0.097
Zinc	04/30/98	62.43	1500	0.097

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3500.06
Sample Received: 04/21/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-32, 6-12''

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/30/98	9374	NLE	0.997
Antimony	04/30/98	1.035	14	0.199
Arsenic	04/30/98	11.15	20	0.199
Barium	04/30/98	36.46	700	0.050
Beryllium	04/30/98	0.8538	1	0.050
Cadmium	04/30/98	0.2132	1	0.050
Calcium	04/30/98	1054	NLE	1.995
Chromium	04/30/98	70.22	NLE	0.050
Cobalt	04/30/98	3.774	NLE	0.050
Copper	04/30/98	32.05	600	0.299
Iron	04/30/98	31220	NLE	0.997
Lead	04/30/98	70.19	100	0.199
Magnesium	04/30/98	1360	NLE	1.995
Manganese	04/30/98	123.3	NLE	0.050
Mercury	04/24/98	0.025	14	0.012
Nickel	04/30/98	12.04	250	0.050
Potassium	04/30/98	3626	NLE	1.995
Selenium	04/30/98	ND	63	0.299
Silver	04/30/98	ND	110	0.299
Sodium	04/30/98	81.26	NLE	1.995
Thallium	04/30/98	ND	2	0.299
Vanadium	04/30/98	76.03	370	0.100
Zinc	04/30/98	82.33	1500	0.100

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3500.10
Sample Received: 04/21/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-33, 6-12''

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/30/98	5404	NLE	1.258
Antimony	04/30/98	1.754	14	0.252
Arsenic	04/30/98	32.71	20	0.252
Barium	04/30/98	150.0	700	0.063
Beryllium	04/30/98	0.6234	1	0.063
Cadmium	04/30/98	2.087	1	0.063
Calcium	04/30/98	4974	NLE	2.516
Chromium	04/30/98	38.59	NLE	0.063
Cobalt	04/30/98	5.207	NLE	0.063
Copper	04/30/98	409.3	600	0.377
Iron	04/30/98	32440	NLE	1.258
Lead	04/30/98	810.3	100	0.252
Magnesium	04/30/98	2213	NLE	2.516
Manganese	04/30/98	179.6	NLE	0.063
Mercury	04/24/98	0.979	14	0.011
Nickel	04/30/98	18.98	250	0.063
Potassium	04/30/98	1348	NLE	2.516
Selenium	04/30/98	0.602	63	0.377
Silver	04/30/98	2.780	110	0.377
Sodium	04/30/98	245.1	NLE	2.516
Thallium	04/30/98	ND	2	0.377
Vanadium	04/30/98	44.85	370	0.126
Zinc	04/30/98	743.0	1500	0.126

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3500.14
Sample Received: 04/21/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-34, 6-12''

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/30/98	6652	NLE	1.268
Antimony	04/30/98	2.403	14	0.254
Arsenic	04/30/98	13.11	20	0.254
Barium	04/30/98	203.9	700	0.063
Beryllium	04/30/98	0.6890	1	0.063
Cadmium	04/30/98	1.975	1	0.063
Calcium	04/30/98	3063	NLE	2.536
Chromium	04/30/98	44.40	NLE	0.063
Cobalt	04/30/98	5.537	NLE	0.063
Copper	04/30/98	428.0	600	0.380
Iron	04/30/98	23380	NLE	1.268
Lead	04/30/98	1090	100	0.254
Magnesium	04/30/98	878.7	NLE	2.536
Manganese	04/30/98	153.2	NLE	0.063
Mercury	04/24/98	0.662	14	0.013
Nickel	04/30/98	22.35	250	0.063
Potassium	04/30/98	1615	NLE	2.536
Selenium	04/30/98	1.104	63	0.380
Silver	04/30/98	3.345	110	0.380
Sodium	04/30/98	186.7	NLE	2.536
Thallium	04/30/98	ND	2	0.380
Vanadium	04/30/98	52.39	370	0.127
Zinc	04/30/98	828.0	1500	0.127

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3500.18
Sample Received: 04/21/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-35, 6-12''

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/30/98	12810	NLE	1.191
Antimony	04/30/98	5.962	14	0.238
Arsenic	04/30/98	62.27	20	0.238
Barium	04/30/98	354.6	700	0.060
Beryllium	04/30/98	10.89	1	0.060
Cadmium	04/30/98	7.431	1	0.060
Calcium	04/30/98	2477	NLE	2.382
Chromium	04/30/98	72.25	NLE	0.060
Cobalt	04/30/98	55.97	NLE	0.060
Copper	04/30/98	442.8	600	0.357
Iron	04/30/98	13500	NLE	1.191
Lead	04/30/98	2851	100	0.238
Magnesium	04/30/98	1112	NLE	2.382
Manganese	04/30/98	174.9	NLE	0.060
Mercury	04/24/98	1.562	14	0.011
Nickel	04/30/98	69.97	250	0.060
Potassium	04/30/98	3185	NLE	2.382
Selenium	04/30/98	50.70	63	0.357
Silver	04/30/98	9.425	110	0.357
Sodium	04/30/98	343.3	NLE	2.382
Thallium	04/30/98	47.42	2	0.357
Vanadium	04/30/98	84.39	370	0.119
Zinc	04/30/98	658.1	1500	0.119

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3501.02
Sample Received: 04/22/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-36, 6-12''

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/30/98	8275	NLE	1.175
Antimony	04/30/98	0.964	14	0.235
Arsenic	04/30/98	9.445	20	0.235
Barium	04/30/98	22.98	700	0.059
Beryllium	04/30/98	0.8057	1	0.059
Cadmium	04/30/98	0.5996	1	0.059
Calcium	04/30/98	635.6	NLE	2.351
Chromium	04/30/98	61.12	NLE	0.059
Cobalt	04/30/98	3.707	NLE	0.059
Copper	04/30/98	8.111	600	0.353
Iron	04/30/98	29820	NLE	1.175
Lead	04/30/98	16.68	100	0.235
Magnesium	04/30/98	1019	NLE	2.351
Manganese	04/30/98	76.98	NLE	0.059
Mercury	04/24/98	0.059	14	0.011
Nickel	04/30/98	10.12	250	0.059
Potassium	04/30/98	2115	NLE	2.351
Selenium	04/30/98	0.584	63	0.353
Silver	04/30/98	ND	110	0.353
Sodium	04/30/98	38.72	NLE	2.351
Thallium	04/30/98	ND	2	0.353
Vanadium	04/30/98	84.38	370	0.118
Zinc	04/30/98	45.25	1500	0.118

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3501.06
Sample Received: 04/22/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-37, 6-12''

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/30/98	10070	NLE	1.157
Antimony	04/30/98	1.965	14	0.231
Arsenic	04/30/98	10.42	20	0.231
Barium	04/30/98	24.73	700	0.058
Beryllium	04/30/98	1.032	1	0.058
Cadmium	04/30/98	0.1855	1	0.058
Calcium	04/30/98	1015	NLE	2.313
Chromium	04/30/98	96.84	NLE	0.058
Cobalt	04/30/98	4.522	NLE	0.058
Copper	04/30/98	3.796	600	0.347
Iron	04/30/98	43400	NLE	1.157
Lead	04/30/98	8.622	100	0.231
Magnesium	04/30/98	1311	NLE	2.313
Manganese	04/30/98	103.8	NLE	0.058
Mercury	04/24/98	0.025	14	0.012
Nickel	04/30/98	14.97	250	0.058
Potassium	04/30/98	2342	NLE	2.313
Selenium	04/30/98	ND	63	0.347
Silver	04/30/98	ND	110	0.347
Sodium	04/30/98	40.28	NLE	2.313
Thallium	04/30/98	ND	2	0.347
Vanadium	04/30/98	131.4	370	0.116
Zinc	04/30/98	64.17	1500	0.116

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3501.10
Sample Received: 04/22/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-38, 6-12''

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/30/98	9616	NLE	1.136
Antimony	04/30/98	1.819	14	0.227
Arsenic	04/30/98	9.688	20	0.227
Barium	04/30/98	26.09	700	0.057
Beryllium	04/30/98	1.058	1	0.057
Cadmium	04/30/98	.2547	1	0.057
Calcium	04/30/98	839.0	NLE	2.272
Chromium	04/30/98	99.42	NLE	0.057
Cobalt	04/30/98	4.232	NLE	0.057
Copper	04/30/98	3.185	600	0.341
Iron	04/30/98	42240	NLE	1.136
Lead	04/30/98	8.580	100	0.227
Magnesium	04/30/98	1022	NLE	2.272
Manganese	04/30/98	85.25	NLE	0.057
Mercury	04/24/98	0.014	14	0.012
Nickel	04/30/98	15.78	250	0.057
Potassium	04/30/98	1607	NLE	2.272
Selenium	04/30/98	ND	63	0.341
Silver	04/30/98	ND	110	0.341
Sodium	04/30/98	45.41	NLE	2.272
Thallium	04/30/98	ND	2	0.341
Vanadium	04/30/98	139.0	370	0.114
Zinc	04/30/98	70.04	1500	0.114

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3501.14
Sample Received: 04/22/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-39, 6-12''

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/30/98	9833	NLE	1.254
Antimony	04/30/98	1.916	14	0.251
Arsenic	04/30/98	13.10	20	0.251
Barium	04/30/98	30.29	700	0.063
Beryllium	04/30/98	1.159	1	0.063
Cadmium	04/30/98	0.1541	1	0.063
Calcium	04/30/98	612.5	NLE	2.508
Chromium	04/30/98	106.1	NLE	0.063
Cobalt	04/30/98	4.975	NLE	0.063
Copper	04/30/98	3.559	600	0.376
Iron	04/30/98	49440	NLE	1.254
Lead	04/30/98	10.66	100	0.251
Magnesium	04/30/98	899.6	NLE	2.508
Manganese	04/30/98	110.2	NLE	0.063
Mercury	04/24/98	0.037	14	0.012
Nickel	04/30/98	15.84	250	0.063
Potassium	04/30/98	1726	NLE	2.508
Selenium	04/30/98	ND	63	0.376
Silver	04/30/98	ND	110	0.376
Sodium	04/30/98	62.79	NLE	2.508
Thallium	04/30/98	ND	2	0.376
Vanadium	04/30/98	159.7	370	0.125
Zinc	04/30/98	71.88	1500	0.125

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3501.18
Sample Received: 04/22/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-40, 6-12''

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/30/98	7769	NLE	1.066
Antimony	04/30/98	1.550	14	0.213
Arsenic	04/30/98	10.04	20	0.213
Barium	04/30/98	20.00	700	0.053
Beryllium	04/30/98	0.8691	1	0.053
Cadmium	04/30/98	0.1502	1	0.053
Calcium	04/30/98	577.6	NLE	2.131
Chromium	04/30/98	83.34	NLE	0.053
Cobalt	04/30/98	4.022	NLE	0.053
Copper	04/30/98	1.854	600	0.320
Iron	04/30/98	36490	NLE	1.066
Lead	04/30/98	5.945	100	0.213
Magnesium	04/30/98	789.1	NLE	2.131
Manganese	04/30/98	86.79	NLE	0.053
Mercury	04/24/98	0.013	14	0.012
Nickel	04/30/98	10.83	250	0.053
Potassium	04/30/98	1611	NLE	2.131
Selenium	04/30/98	ND	63	0.320
Silver	04/30/98	ND	110	0.320
Sodium	04/30/98	32.38	NLE	2.131
Thallium	04/30/98	ND	2	0.320
Vanadium	04/30/98	103.5	370	0.107
Zinc	04/30/98	58.82	1500	0.107

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3539.02
Sample Received: 05/01/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-41, 6-12''

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	05/12/98	6479	NLE	1.210
Antimony	05/12/98	1.413	14	0.242
Arsenic	05/12/98	12.52	20	0.242
Barium	05/12/98	107.8	700	0.060
Beryllium	05/12/98	0.7590	1	0.060
Cadmium	05/12/98	0.9590	1	0.060
Calcium	05/12/98	2137	NLE	2.420
Chromium	05/12/98	56.36	NLE	0.060
Cobalt	05/12/98	4.604	NLE	0.060
Copper	05/12/98	412.9	600	0.363
Iron	05/12/98	27420	NLE	1.210
Lead	05/12/98	629.1	100	0.242
Magnesium	05/12/98	1009	NLE	2.420
Manganese	05/12/98	193.3	NLE	0.060
Mercury	05/12/98	0.891	14	0.026
Nickel	05/12/98	19.73	250	0.060
Potassium	05/12/98	1890	NLE	2.420
Selenium	05/12/98	0.627	63	0.363
Silver	05/12/98	0.945	110	0.363
Sodium	05/12/98	154.9	NLE	2.420
Thallium	05/12/98	ND	2	0.363
Vanadium	05/12/98	59.51	370	0.121
Zinc	05/12/98	433.1	1500	0.121

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3539.06
Sample Received: 05/01/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-42, 6-12''

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	05/12/98	3951	NLE	1.188
Antimony	05/12/98	1.104	14	0.238
Arsenic	05/12/98	8.959	20	0.238
Barium	05/12/98	181.9	700	0.059
Beryllium	05/12/98	0.4586	1	0.059
Cadmium	05/12/98	0.489	1	0.059
Calcium	05/12/98	962.9	NLE	2.377
Chromium	05/12/98	36.34	NLE	0.059
Cobalt	05/12/98	4.035	NLE	0.059
Copper	05/12/98	207.3	600	0.357
Iron	05/12/98	21350	NLE	1.188
Lead	05/12/98	502.5	100	0.238
Magnesium	05/12/98	485.0	NLE	2.377
Manganese	05/12/98	102.6	NLE	0.059
Mercury	05/12/98	0.754	14	0.025
Nickel	05/12/98	10.93	250	0.059
Potassium	05/12/98	864.1	NLE	2.377
Selenium	05/12/98	0.859	63	0.357
Silver	05/12/98	ND	110	0.357
Sodium	05/12/98	103.4	NLE	2.377
Thallium	05/12/98	ND	2	0.357
Vanadium	05/12/98	43.68	370	0.119
Zinc	05/12/98	250.3	1500	0.119

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3543.02
Sample Received: 05/04/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-43, 6-12''

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	05/12/98	6390	NLE	1.400
Antimony	05/12/98	ND	14	0.280
Arsenic	05/12/98	4.218	20	0.280
Barium	05/12/98	258.9	700	0.070
Beryllium	05/12/98	0.7640	1	0.070
Cadmium	05/12/98	ND	1	0.070
Calcium	05/12/98	1200	NLE	2.800
Chromium	05/12/98	21.06	NLE	0.070
Cobalt	05/12/98	5.369	NLE	0.070
Copper	05/12/98	38.40	600	0.420
Iron	05/12/98	8584	NLE	1.400
Lead	05/12/98	39.90	100	0.280
Magnesium	05/12/98	331.2	NLE	2.800
Manganese	05/12/98	68.44	NLE	0.070
Mercury	05/12/98	0.085	14	0.028
Nickel	05/12/98	13.84	250	0.070
Potassium	05/12/98	525.2	NLE	2.800
Selenium	05/12/98	1.417	63	0.420
Silver	05/12/98	2.362	110	0.420
Sodium	05/12/98	216.8	NLE	2.800
Thallium	05/12/98	ND	2	0.420
Vanadium	05/12/98	20.79	370	0.140
Zinc	05/12/98	48.22	1500	0.140

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3543.06
Sample Received: 05/04/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-44, 6-12''

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	05/12/98	8077	NLE	1.194
Antimony	05/12/98	1.203	14	0.239
Arsenic	05/12/98	11.66	20	0.239
Barium	05/12/98	513.9	700	0.060
Beryllium	05/12/98	0.8622	1	0.060
Cadmium	05/12/98	0.6777	1	0.060
Calcium	05/12/98	2670	NLE	2.388
Chromium	05/12/98	70.59	NLE	0.060
Cobalt	05/12/98	2.420	NLE	0.060
Copper	05/12/98	346.7	600	0.358
Iron	05/12/98	21940	NLE	1.194
Lead	05/12/98	275.5	100	0.239
Magnesium	05/12/98	2943	NLE	2.388
Manganese	05/12/98	84.22	NLE	0.060
Mercury	05/12/98	0.164	14	0.026
Nickel	05/12/98	13.28	250	0.060
Potassium	05/12/98	3791	NLE	2.388
Selenium	05/12/98	0.473	63	0.358
Silver	05/12/98	0.993	110	0.358
Sodium	05/12/98	221.4	NLE	2.388
Thallium	05/12/98	ND	2	0.358
Vanadium	05/12/98	30.96	370	0.119
Zinc	05/12/98	1598	1500	0.119

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3543.10
Sample Received: 05/04/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-45, 6-12''

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	05/12/98	1961	NLE	1.197
Antimony	05/12/98	0.382	14	0.239
Arsenic	05/12/98	2.255	20	0.239
Barium	05/12/98	16.60	700	0.060
Beryllium	05/12/98	0.1660	1	0.060
Cadmium	05/12/98	0.4876	1	0.060
Calcium	05/12/98	10360	NLE	2.393
Chromium	05/12/98	17.96	NLE	0.060
Cobalt	05/12/98	1.223	NLE	0.060
Copper	05/12/98	28.23	600	0.359
Iron	05/12/98	6391	NLE	1.197
Lead	05/12/98	228.1	100	0.239
Magnesium	05/12/98	5665	NLE	2.393
Manganese	05/12/98	52.05	NLE	0.060
Mercury	05/12/98	10.194	14	0.250
Nickel	05/12/98	4.670	250	0.060
Potassium	05/12/98	722.3	NLE	2.393
Selenium	05/12/98	ND	63	0.359
Silver	05/12/98	ND	110	0.359
Sodium	05/12/98	174.2	NLE	2.393
Thallium	05/12/98	ND	2	0.359
Vanadium	05/12/98	14.38	370	0.120
Zinc	05/12/98	62.64	1500	0.120

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3543.14
Sample Received: 05/04/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-46, 6-12''

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	05/12/98	4464	NLE	1.203
Antimony	05/12/98	0.639	14	0.241
Arsenic	05/12/98	8.122	20	0.241
Barium	05/12/98	69.01	700	0.060
Beryllium	05/12/98	0.4403	1	0.060
Cadmium	05/12/98	0.9829	1	0.060
Calcium	05/12/98	2705	NLE	2.407
Chromium	05/12/98	36.61	NLE	0.060
Cobalt	05/12/98	2.495	NLE	0.060
Copper	05/12/98	262.8	600	0.361
Iron	05/12/98	18840	NLE	1.203
Lead	05/12/98	273.5	100	0.241
Magnesium	05/12/98	928.1	NLE	2.407
Manganese	05/12/98	725.6	NLE	0.060
Mercury	05/12/98	5.040	14	0.233
Nickel	05/12/98	7.300	250	0.060
Potassium	05/12/98	1955	NLE	2.407
Selenium	05/12/98	ND	63	0.361
Silver	05/12/98	0.512	110	0.361
Sodium	05/12/98	312.4	NLE	2.407
Thallium	05/12/98	ND	2	0.361
Vanadium	05/12/98	33.38	370	0.120
Zinc	05/12/98	1809	1500	0.120

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3547.02
Sample Received: 05/598
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-47, 6-12''

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	05/12/98	1986	NLE	1.087
Antimony	05/12/98	0.388	14	0.217
Arsenic	05/12/98	1.719	20	0.217
Barium	05/12/98	10.23	700	0.054
Beryllium	05/12/98	0.3672	1	0.054
Cadmium	05/12/98	ND	1	0.054
Calcium	05/12/98	277.0	NLE	2.173
Chromium	05/12/98	21.36	NLE	0.054
Cobalt	05/12/98	0.3853	NLE	0.054
Copper	05/12/98	2.913	600	0.326
Iron	05/12/98	7617	NLE	1.087
Lead	05/12/98	8.632	100	0.217
Magnesium	05/12/98	534.1	NLE	2.173
Manganese	05/12/98	10.21	NLE	0.054
Mercury	05/12/98	0.039	14	0.021
Nickel	05/12/98	2.299	250	0.054
Potassium	05/12/98	1048	NLE	2.173
Selenium	05/12/98	0.372	63	0.326
Silver	05/12/98	ND	110	0.326
Sodium	05/12/98	144.3	NLE	2.173
Thallium	05/12/98	ND	2	0.326
Vanadium	05/12/98	16.22	370	0.109
Zinc	05/12/98	46.14	1500	0.109

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3547.06
Sample Received: 05/05/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-48, 6-12''

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	05/12/98	3363	NLE	1.045
Antimony	05/12/98	0.950	14	0.209
Arsenic	05/12/98	8.626	20	0.209
Barium	05/12/98	113.8	700	0.052
Beryllium	05/12/98	0.4112	1	0.052
Cadmium	05/12/98	0.2786	1	0.052
Calcium	05/12/98	933.3	NLE	2.091
Chromium	05/12/98	23.73	NLE	0.052
Cobalt	05/12/98	2.388	NLE	0.052
Copper	05/12/98	532.4	600	0.314
Iron	05/12/98	20580	NLE	1.045
Lead	05/12/98	845.1	100	0.209
Magnesium	05/12/98	574.5	NLE	2.091
Manganese	05/12/98	107.1	NLE	0.052
Mercury	05/12/98	0.510	14	0.022
Nickel	05/12/98	7.715	250	0.052
Potassium	05/12/98	1422	NLE	2.091
Selenium	05/12/98	0.400	63	0.314
Silver	05/12/98	1.123	110	0.314
Sodium	05/12/98	96.56	NLE	2.091
Thallium	05/12/98	ND	2	0.314
Vanadium	05/12/98	17.18	370	0.105
Zinc	05/12/98	209.5	1500	0.105

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3547.10
Sample Received: 05/05/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-49, 6-12''

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	05/12/98	4876	NLE	1.337
Antimony	05/12/98	0.791	14	0.267
Arsenic	05/12/98	12.79	20	0.267
Barium	05/12/98	76.99	700	0.067
Beryllium	05/12/98	0.6963	1	0.067
Cadmium	05/12/98	0.1114	1	0.067
Calcium	05/12/98	1111	NLE	2.674
Chromium	05/12/98	52.57	NLE	0.067
Cobalt	05/12/98	1.731	NLE	0.067
Copper	05/12/98	60.76	600	0.401
Iron	05/12/98	22280	NLE	1.337
Lead	05/12/98	226.7	100	0.267
Magnesium	05/12/98	1066	NLE	2.674
Manganese	05/12/98	71.47	NLE	0.067
Mercury	05/12/98	5.141	14	0.232
Nickel	05/12/98	6.521	250	0.067
Potassium	05/12/98	2485	NLE	2.674
Selenium	05/12/98	ND	63	0.401
Silver	05/12/98	ND	110	0.401
Sodium	05/12/98	71.52	NLE	2.674
Thallium	05/12/98	ND	2	0.401
Vanadium	05/12/98	39.23	370	0.134
Zinc	05/12/98	100.6	1500	0.134

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3547.14
Sample Received: 05/05/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-50, 6-12''

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	05/12/98	3699	NLE	1.011
Antimony	05/12/98	0.497	14	0.202
Arsenic	05/12/98	3.172	20	0.202
Barium	05/12/98	16.51	700	0.051
Beryllium	05/12/98	0.7032	1	0.051
Cadmium	05/12/98	ND	1	0.051
Calcium	05/12/98	476.2	NLE	2.022
Chromium	05/12/98	30.82	NLE	0.051
Cobalt	05/12/98	0.3871	NLE	0.051
Copper	05/12/98	4.304	600	0.303
Iron	05/12/98	10500	NLE	1.011
Lead	05/12/98	6.099	100	0.202
Magnesium	05/12/98	602.6	NLE	2.022
Manganese	05/12/98	20.24	NLE	0.051
Mercury	05/12/98	0.074	14	0.024
Nickel	05/12/98	3.713	250	0.051
Potassium	05/12/98	918.9	NLE	2.022
Selenium	05/12/98	ND	63	0.303
Silver	05/12/98	ND	110	0.303
Sodium	05/12/98	266.9	NLE	2.022
Thallium	05/12/98	ND	2	0.303
Vanadium	05/12/98	26.17	370	0.101
Zinc	05/12/98	49.56	1500	0.101

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3547.18
Sample Received: 05/05/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-51, 6-12''

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	05/12/98	8596	NLE	1.322
Antimony	05/12/98	1.713	14	0.264
Arsenic	05/12/98	27.93	20	0.264
Barium	05/12/98	27.23	700	0.066
Beryllium	05/12/98	1.108	1	0.066
Cadmium	05/12/98	0.1293	1	0.066
Calcium	05/12/98	943.5	NLE	2.644
Chromium	05/12/98	108.5	NLE	0.066
Cobalt	05/12/98	3.129	NLE	0.066
Copper	05/12/98	7.103	600	0.397
Iron	05/12/98	47660	NLE	1.322
Lead	05/12/98	40.53	100	0.264
Magnesium	05/12/98	963.9	NLE	2.644
Manganese	05/12/98	65.67	NLE	0.066
Mercury	05/12/98	0.225	14	0.022
Nickel	05/12/98	12.48	250	0.066
Potassium	05/12/98	2085	NLE	2.644
Selenium	05/12/98	ND	63	0.397
Silver	05/12/98	ND	110	0.397
Sodium	05/12/98	393.3	NLE	2.644
Thallium	05/12/98	ND	2	0.397
Vanadium	05/12/98	126.4	370	0.132
Zinc	05/12/98	68.26	1500	0.132

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3550.03
Sample Received: 05/06/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-52, 6-12''

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	05/12/98	8267	NLE	1.359
Antimony	05/12/98	1.263	14	0.272
Arsenic	05/12/98	14.36	20	0.272
Barium	05/12/98	29.54	700	0.068
Beryllium	05/12/98	0.9403	1	0.068
Cadmium	05/12/98	ND	1	0.068
Calcium	05/12/98	664.1	NLE	2.718
Chromium	05/12/98	87.14	NLE	0.068
Cobalt	05/12/98	6.072	NLE	0.068
Copper	05/12/98	15.39	600	0.408
Iron	05/12/98	40040	NLE	1.359
Lead	05/12/98	55.83	100	0.272
Magnesium	05/12/98	1089	NLE	2.718
Manganese	05/12/98	153.5	NLE	0.068
Mercury	05/12/98	0.588	14	0.021
Nickel	05/12/98	11.51	250	0.068
Potassium	05/12/98	2466	NLE	2.718
Selenium	05/12/98	ND	63	0.408
Silver	05/12/98	ND	110	0.408
Sodium	05/12/98	52.66	NLE	2.718
Thallium	05/12/98	ND	2	0.408
Vanadium	05/12/98	79.15	370	0.136
Zinc	05/12/98	91.96	1500	0.136

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3550.07
Sample Received: 05/06/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-53, 6-12''

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	05/12/98	4460	NLE	1.277
Antimony	05/12/98	0.547	14	0.255
Arsenic	05/12/98	4.293	20	0.255
Barium	05/12/98	25.47	700	0.064
Beryllium	05/12/98	0.4120	1	0.064
Cadmium	05/12/98	ND	1	0.064
Calcium	05/12/98	452.9	NLE	2.554
Chromium	05/12/98	31.37	NLE	0.064
Cobalt	05/12/98	1.335	NLE	0.064
Copper	05/12/98	17.84	600	0.383
Iron	05/12/98	10340	NLE	1.277
Lead	05/12/98	22.07	100	0.255
Magnesium	05/12/98	698.6	NLE	2.554
Manganese	05/12/98	74.62	NLE	0.064
Mercury	05/12/98	0.037	14	0.022
Nickel	05/12/98	2.826	250	0.064
Potassium	05/12/98	1529	NLE	2.554
Selenium	05/12/98	ND	63	0.383
Silver	05/12/98	ND	110	0.383
Sodium	05/12/98	40.01	NLE	2.554
Thallium	05/12/98	ND	2	0.383
Vanadium	05/12/98	18.81	370	0.128
Zinc	05/12/98	35.88	1500	0.128

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3550.11
Sample Received: 05/06/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-54, 6-12''

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	05/12/98	6246	NLE	1.257
Antimony	05/12/98	1.532	14	0.251
Arsenic	05/12/98	147.5	20	0.251
Barium	05/12/98	14.72	700	0.063
Beryllium	05/12/98	0.7216	1	0.063
Cadmium	05/12/98	ND	1	0.063
Calcium	05/12/98	440.1	NLE	2.514
Chromium	05/12/98	81.60	NLE	0.063
Cobalt	05/12/98	0.8229	NLE	0.063
Copper	05/12/98	6.733	600	0.377
Iron	05/12/98	30770	NLE	1.257
Lead	05/12/98	14.64	100	0.251
Magnesium	05/12/98	2093	NLE	2.514
Manganese	05/12/98	30.56	NLE	0.063
Mercury	05/12/98	0.036	14	0.023
Nickel	05/12/98	3.717	250	0.063
Potassium	05/12/98	6333	NLE	2.514
Selenium	05/12/98	0.599	63	0.377
Silver	05/12/98	ND	110	0.377
Sodium	05/12/98	229.7	NLE	2.514
Thallium	05/12/98	ND	2	0.377
Vanadium	05/12/98	32.76	370	0.126
Zinc	05/12/98	28.84	1500	0.126

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3550.15
Sample Received: 05/06/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-55, 6-12''

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	05/12/98	7988	NLE	1.323
Antimony	05/12/98	1.149	14	0.265
Arsenic	05/12/98	10.36	20	0.265
Barium	05/12/98	101.2	700	0.066
Beryllium	05/12/98	0.9041	1	0.066
Cadmium	05/12/98	ND	1	0.066
Calcium	05/12/98	950.6	NLE	2.646
Chromium	05/12/98	58.97	NLE	0.066
Cobalt	05/12/98	2.301	NLE	0.066
Copper	05/12/98	14.76	600	0.397
Iron	05/12/98	24580	NLE	1.323
Lead	05/12/98	45.25	100	0.265
Magnesium	05/12/98	2144	NLE	2.646
Manganese	05/12/98	147.5	NLE	0.066
Mercury	05/12/98	0.213	14	0.022
Nickel	05/12/98	7.104	250	0.066
Potassium	05/12/98	5418	NLE	2.646
Selenium	05/12/98	ND	63	0.397
Silver	05/12/98	ND	110	0.397
Sodium	05/12/98	159.4	NLE	2.646
Thallium	05/12/98	ND	2	0.397
Vanadium	05/12/98	29.63	370	0.132
Zinc	05/12/98	58.20	1500	0.132

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3561.02
Sample Received: 05/11/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-56, 6-12''

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/02/98	11380	NLE	1.370
Antimony	06/02/98	1.246	14	0.274
Arsenic	06/02/98	16.81	20	0.274
Barium	06/02/98	44.19	700	0.069
Beryllium	06/02/98	1.233	1	0.069
Cadmium	06/02/98	ND	1	0.069
Calcium	06/02/98	1662	NLE	2.741
Chromium	06/02/98	90.25	NLE	0.069
Cobalt	06/02/98	2.645	NLE	0.069
Copper	06/02/98	15.96	600	0.411
Iron	06/02/98	32850	NLE	1.370
Lead	06/02/98	108.8	100	0.274
Magnesium	06/02/98	3720	NLE	2.741
Manganese	06/02/98	76.07	NLE	0.069
Mercury	03/20/98	0.900	14	0.024
Nickel	06/02/98	8.858	250	0.069
Potassium	06/02/98	7138	NLE	2.741
Selenium	06/02/98	ND	63	0.411
Silver	06/02/98	ND	110	0.411
Sodium	06/02/98	71.89	NLE	2.741
Thallium	06/02/98	ND	2	0.411
Vanadium	06/02/98	42.80	370	0.137
Zinc	06/02/98	81.92	1500	0.137

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3561.06
Sample Received: 05/11/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-57, 6-12''

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/02/98	10290	NLE	1.243
Antimony	06/02/98	1.868	14	0.249
Arsenic	06/02/98	14.94	20	0.249
Barium	06/02/98	88.58	700	0.062
Beryllium	06/02/98	0.9952	1	0.062
Cadmium	06/02/98	0.2176	1	0.062
Calcium	06/02/98	1169	NLE	2.485
Chromium	06/02/98	78.52	NLE	0.062
Cobalt	06/02/98	4.073	NLE	0.062
Copper	06/02/98	83.51	600	0.373
Iron	06/02/98	34590	NLE	1.243
Lead	06/02/98	2379	100	0.249
Magnesium	06/02/98	1506	NLE	2.485
Manganese	06/02/98	118.1	NLE	0.062
Mercury	03/20/98	0.459	14	0.024
Nickel	06/02/98	13.31	250	0.062
Potassium	06/02/98	4203	NLE	2.485
Selenium	06/02/98	ND	63	0.373
Silver	06/02/98	ND	110	0.373
Sodium	06/02/98	110.9	NLE	2.485
Thallium	06/02/98	ND	2	0.373
Vanadium	06/02/98	82.13	370	0.124
Zinc	06/02/98	178.4	1500	0.124

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3561.10
Sample Received: 05/11/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-58, 6-12''

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/02/98	1884	NLE	1.174
Antimony	06/02/98	0.326	14	0.235
Arsenic	06/02/98	1.201	20	0.235
Barium	06/02/98	5.948	700	0.059
Beryllium	06/02/98	0.3044	1	0.059
Cadmium	06/02/98	0.1125	1	0.059
Calcium	06/02/98	152.9	NLE	2.348
Chromium	06/02/98	14.29	NLE	0.059
Cobalt	06/02/98	0.2267	NLE	0.059
Copper	06/02/98	3.742	600	0.352
Iron	06/02/98	5510	NLE	1.174
Lead	06/02/98	8.725	100	0.235
Magnesium	06/02/98	335.4	NLE	2.348
Manganese	06/02/98	5.243	NLE	0.059
Mercury	03/20/98	0.039	14	0.023
Nickel	06/02/98	1.590	250	0.059
Potassium	06/02/98	460.3	NLE	2.348
Selenium	06/02/98	ND	63	0.352
Silver	06/02/98	ND	110	0.352
Sodium	06/02/98	25.70	NLE	2.348
Thallium	06/02/98	ND	2	0.352
Vanadium	06/02/98	13.82	370	0.117
Zinc	06/02/98	26.47	1500	0.117

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3561.14
Sample Received: 05/11/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-59, 6-12''

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/02/98	2975	NLE	1.235
Antimony	06/02/98	0.480	14	0.247
Arsenic	06/02/98	7.456	20	0.247
Barium	06/02/98	27.13	700	0.062
Beryllium	06/02/98	0.3715	1	0.062
Cadmium	06/02/98	0.2638	1	0.062
Calcium	06/02/98	400.1	NLE	2.470
Chromium	06/02/98	18.99	NLE	0.062
Cobalt	06/02/98	1.230	NLE	0.062
Copper	06/02/98	9.851	600	0.371
Iron	06/02/98	7582	NLE	1.235
Lead	06/02/98	71.13	100	0.247
Magnesium	06/02/98	664.8	NLE	2.470
Manganese	06/02/98	21.19	NLE	0.062
Mercury	03/20/98	17.584	14	0.600
Nickel	06/02/98	4.389	250	0.062
Potassium	06/02/98	1084	NLE	2.470
Selenium	06/02/98	ND	63	0.371
Silver	06/02/98	ND	110	0.371
Sodium	06/02/98	57.27	NLE	2.470
Thallium	06/02/98	ND	2	0.371
Vanadium	06/02/98	18.50	370	0.124
Zinc	06/02/98	73.37	1500	0.124

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3567.02
Sample Received: 05/14/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-60, 6-12''

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/02/98	13190	NLE	1.231
Antimony	06/02/98	1.266	14	0.246
Arsenic	06/02/98	10.76	20	0.246
Barium	06/02/98	34.64	700	0.062
Beryllium	06/02/98	1.496	1	0.062
Cadmium	06/02/98	ND	1	0.062
Calcium	06/02/98	1188	NLE	2.461
Chromium	06/02/98	100.1	NLE	0.062
Cobalt	06/02/98	2.967	NLE	0.062
Copper	06/02/98	5.622	600	0.369
Iron	06/02/98	36290	NLE	1.231
Lead	06/02/98	10.39	100	0.246
Magnesium	06/02/98	3941	NLE	2.461
Manganese	06/02/98	95.30	NLE	0.062
Mercury	05/18/98	0.671	14	0.046
Nickel	06/02/98	7.747	250	0.062
Potassium	06/02/98	7084	NLE	2.461
Selenium	06/02/98	ND	63	0.369
Silver	06/02/98	ND	110	0.369
Sodium	06/02/98	81.70	NLE	2.461
Thallium	06/02/98	ND	2	0.369
Vanadium	06/02/98	44.53	370	0.123
Zinc	06/02/98	59.43	1500	0.123

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3567.06
Sample Received: 05/14/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-61, 6-12''

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/02/98	9246	NLE	1.022
Antimony	06/02/98	0.860	14	0.204
Arsenic	06/02/98	7.677	20	0.204
Barium	06/02/98	21.61	700	0.051
Beryllium	06/02/98	1.056	1	0.051
Cadmium	06/02/98	ND	1	0.051
Calcium	06/02/98	491.6	NLE	2.044
Chromium	06/02/98	82.22	NLE	0.051
Cobalt	06/02/98	1.778	NLE	0.051
Copper	06/02/98	3.459	600	0.307
Iron	06/02/98	26710	NLE	1.022
Lead	06/02/98	9.338	100	0.204
Magnesium	06/02/98	2704	NLE	2.044
Manganese	06/02/98	47.43	NLE	0.051
Mercury	05/18/98	0.058	14	0.023
Nickel	06/02/98	5.302	250	0.051
Potassium	06/02/98	5398	NLE	2.044
Selenium	06/02/98	ND	63	0.307
Silver	06/02/98	ND	110	0.307
Sodium	06/02/98	49.79	NLE	2.044
Thallium	06/02/98	ND	2	0.307
Vanadium	06/02/98	37.72	370	0.102
Zinc	06/02/98	41.41	1500	0.102

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3567.10
Sample Received: 05/14/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-62, 6-12''

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/02/98	5436	NLE	1.124
Antimony	06/02/98	0.921	14	0.225
Arsenic	06/02/98	5.493	20	0.225
Barium	06/02/98	18.86	700	0.056
Beryllium	06/02/98	0.6189	1	0.056
Cadmium	06/02/98	0.7023	1	0.056
Calcium	06/02/98	181.1	NLE	2.248
Chromium	06/02/98	49.99	NLE	0.056
Cobalt	06/02/98	0.5732	NLE	0.056
Copper	06/02/98	20.54	600	0.337
Iron	06/02/98	15460	NLE	1.124
Lead	06/02/98	94.89	100	0.225
Magnesium	06/02/98	948.3	NLE	2.248
Manganese	06/02/98	18.48	NLE	0.056
Mercury	05/18/98	0.161	14	0.046
Nickel	06/02/98	3.305	250	0.056
Potassium	06/02/98	2311	NLE	2.248
Selenium	06/02/98	ND	63	0.337
Silver	06/02/98	ND	110	0.337
Sodium	06/02/98	51.48	NLE	2.248
Thallium	06/02/98	ND	2	0.337
Vanadium	06/02/98	39.39	370	0.112
Zinc	06/02/98	32.25	1500	0.112

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3567.14
Sample Received: 05/14/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-63, 6-12''

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/02/98	7195	NLE	1.050
Antimony	06/02/98	1.010	14	0.210
Arsenic	06/02/98	8.630	20	0.210
Barium	06/02/98	111.8	700	0.052
Beryllium	06/02/98	0.8207	1	0.052
Cadmium	06/02/98	0.2273	1	0.052
Calcium	06/02/98	1930	NLE	2.099
Chromium	06/02/98	57.85	NLE	0.052
Cobalt	06/02/98	1.540	NLE	0.052
Copper	06/02/98	50.68	600	0.315
Iron	06/02/98	22510	NLE	1.050
Lead	06/02/98	673.7	100	0.210
Magnesium	06/02/98	1648	NLE	2.099
Manganese	06/02/98	144.0	NLE	0.052
Mercury	05/18/98	0.115	14	0.038
Nickel	06/02/98	8.803	250	0.052
Potassium	06/02/98	3715	NLE	2.099
Selenium	06/02/98	ND	63	0.315
Silver	06/02/98	ND	110	0.315
Sodium	06/02/98	439.1	NLE	2.099
Thallium	06/02/98	ND	2	0.315
Vanadium	06/02/98	27.81	370	0.105
Zinc	06/02/98	338.9	1500	0.105

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3567.19
Sample Received: 05/14/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-64, 6-12''

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/02/98	15670	NLE	1.298
Antimony	06/02/98	1.059	14	0.260
Arsenic	06/02/98	14.60	20	0.260
Barium	06/02/98	52.75	700	0.065
Beryllium	06/02/98	1.179	1	0.065
Cadmium	06/02/98	ND	1	0.065
Calcium	06/02/98	969.0	NLE	2.596
Chromium	06/02/98	81.95	NLE	0.065
Cobalt	06/02/98	4.367	NLE	0.065
Copper	06/02/98	8.773	600	0.389
Iron	06/02/98	34010	NLE	1.298
Lead	06/02/98	20.20	100	0.260
Magnesium	06/02/98	2740	NLE	2.596
Manganese	06/02/98	175.4	NLE	0.065
Mercury	05/18/98	0.170	14	0.028
Nickel	06/02/98	13.41	250	0.065
Potassium	06/02/98	5202	NLE	2.596
Selenium	06/02/98	ND	63	0.389
Silver	06/02/98	ND	110	0.389
Sodium	06/02/98	287.7	NLE	2.596
Thallium	06/02/98	ND	2	0.389
Vanadium	06/02/98	74.48	370	0.130
Zinc	06/02/98	73.04	1500	0.130

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3571.02
Sample Received: 05/15/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-65, 6-12''

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/02/98	8058	NLE	1.096
Antimony	06/02/98	0.997	14	0.219
Arsenic	06/02/98	7.830	20	0.219
Barium	06/02/98	28.50	700	0.055
Beryllium	06/02/98	0.8404	1	0.055
Cadmium	06/02/98	ND	1	0.055
Calcium	06/02/98	744.4	NLE	2.191
Chromium	06/02/98	68.44	NLE	0.055
Cobalt	06/02/98	3.136	NLE	0.055
Copper	06/02/98	5.669	600	0.329
Iron	06/02/98	29740	NLE	1.096
Lead	06/02/98	30.10	100	0.219
Magnesium	06/02/98	1237	NLE	2.191
Manganese	06/02/98	76.07	NLE	0.055
Mercury	05/18/98	0.074	14	0.037
Nickel	06/02/98	9.240	250	0.055
Potassium	06/02/98	3399	NLE	2.191
Selenium	06/02/98	ND	63	0.329
Silver	06/02/98	ND	110	0.329
Sodium	06/02/98	56.68	NLE	2.191
Thallium	06/02/98	ND	2	0.329
Vanadium	06/02/98	74.42	370	0.110
Zinc	06/02/98	55.34	1500	0.110

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3571.06
Sample Received: 05/15/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-66, 6-12''

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/02/98	3044	NLE	1.187
Antimony	06/02/98	0.443	14	0.237
Arsenic	06/02/98	3.083	20	0.237
Barium	06/02/98	21.90	700	0.059
Beryllium	06/02/98	0.4444	1	0.059
Cadmium	06/02/98	ND	1	0.059
Calcium	06/02/98	266.5	NLE	2.374
Chromium	06/02/98	23.91	NLE	0.059
Cobalt	06/02/98	0.5376	NLE	0.059
Copper	06/02/98	7.449	600	0.356
Iron	06/02/98	8577	NLE	1.187
Lead	06/02/98	37.51	100	0.237
Magnesium	06/02/98	710.2	NLE	2.374
Manganese	06/02/98	29.05	NLE	0.059
Mercury	05/18/98	0.088	14	0.035
Nickel	06/02/98	2.565	250	0.059
Potassium	06/02/98	1602	NLE	2.374
Selenium	06/02/98	ND	63	0.356
Silver	06/02/98	ND	110	0.356
Sodium	06/02/98	11.90	NLE	2.374
Thallium	06/02/98	ND	2	0.356
Vanadium	06/02/98	14.64	370	0.119
Zinc	06/02/98	43.34	1500	0.119

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3571.10
Sample Received: 05/15/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-67, 6-12''

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/02/98	7248	NLE	1.134
Antimony	06/02/98	0.350	14	0.227
Arsenic	06/02/98	7.190	20	0.227
Barium	06/02/98	15.88	700	0.057
Beryllium	06/02/98	0.6040	1	0.057
Cadmium	06/02/98	ND	1	0.057
Calcium	06/02/98	518.3	NLE	2.269
Chromium	06/02/98	42.72	NLE	0.057
Cobalt	06/02/98	2.701	NLE	0.057
Copper	06/02/98	3.409	600	0.340
Iron	06/02/98	25900	NLE	1.134
Lead	06/02/98	9.825	100	0.227
Magnesium	06/02/98	895.3	NLE	2.269
Manganese	06/02/98	79.87	NLE	0.057
Mercury	05/18/98	0.068	14	0.027
Nickel	06/02/98	7.650	250	0.057
Potassium	06/02/98	1460	NLE	2.269
Selenium	06/02/98	ND	63	0.340
Silver	06/02/98	ND	110	0.340
Sodium	06/02/98	43.74	NLE	2.269
Thallium	06/02/98	ND	2	0.340
Vanadium	06/02/98	56.21	370	0.113
Zinc	06/02/98	42.07	1500	0.113

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3571.13
Sample Received: 05/15/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-68, 6-12''

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/02/98	6761	NLE	1.219
Antimony	06/02/98	1.209	14	0.244
Arsenic	06/02/98	11.44	20	0.244
Barium	06/02/98	44.56	700	0.061
Beryllium	06/02/98	0.8332	1	0.061
Cadmium	06/02/98	0.1382	1	0.061
Calcium	06/02/98	1209	NLE	2.438
Chromium	06/02/98	57.83	NLE	0.061
Cobalt	06/02/98	4.179	NLE	0.061
Copper	06/02/98	42.05	600	0.366
Iron	06/02/98	27790	NLE	1.219
Lead	06/02/98	90.71	100	0.244
Magnesium	06/02/98	730.7	NLE	2.438
Manganese	06/02/98	54.71	NLE	0.061
Mercury	05/18/98	0.268	14	0.049
Nickel	06/02/98	10.39	250	0.061
Potassium	06/02/98	1202	NLE	2.438
Selenium	06/02/98	ND	63	0.366
Silver	06/02/98	ND	110	0.366
Sodium	06/02/98	72.72	NLE	2.438
Thallium	06/02/98	ND	2	0.366
Vanadium	06/02/98	74.83	370	0.122
Zinc	06/02/98	49.92	1500	0.122

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3571.17
Sample Received: 05/15/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-69, 6-12''

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/02/98	7952	NLE	1.093
Antimony	06/02/98	1.305	14	0.219
Arsenic	06/02/98	10.21	20	0.219
Barium	06/02/98	125.5	700	0.055
Beryllium	06/02/98	0.8544	1	0.055
Cadmium	06/02/98	1.154	1	0.055
Calcium	06/02/98	1407	NLE	2.187
Chromium	06/02/98	51.07	NLE	0.055
Cobalt	06/02/98	5.826	NLE	0.055
Copper	06/02/98	1544	600	0.328
Iron	06/02/98	27860	NLE	1.093
Lead	06/02/98	852.3	100	0.219
Magnesium	06/02/98	817.3	NLE	2.187
Manganese	06/02/98	195.3	NLE	0.055
Mercury	05/18/98	ND	14	0.044
Nickel	06/02/98	17.71	250	0.055
Potassium	06/02/98	1922	NLE	2.187
Selenium	06/02/98	ND	63	0.328
Silver	06/02/98	1.082	110	0.328
Sodium	06/02/98	175.9	NLE	2.187
Thallium	06/02/98	ND	2	0.328
Vanadium	06/02/98	52.52	370	0.109
Zinc	06/02/98	455.0	1500	0.109

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3576.02
Sample Received: 05/18/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-70, 6-12''

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/02/98	11120	NLE	1.121
Antimony	06/02/98	1.249	14	0.224
Arsenic	06/02/98	10.11	20	0.224
Barium	06/02/98	25.88	700	0.056
Beryllium	06/02/98	1.128	1	0.056
Cadmium	06/02/98	ND	1	0.056
Calcium	06/02/98	586.5	NLE	2.242
Chromium	06/02/98	114.5	NLE	0.056
Cobalt	06/02/98	4.800	NLE	0.056
Copper	06/02/98	2.028	600	0.336
Iron	06/02/98	47050	NLE	1.121
Lead	06/02/98	11.87	100	0.224
Magnesium	06/02/98	1074	NLE	2.242
Manganese	06/02/98	103.5	NLE	0.056
Mercury	06/02/98	ND	14	0.024
Nickel	06/02/98	16.38	250	0.056
Potassium	06/02/98	2684	NLE	2.242
Selenium	06/02/98	ND	63	0.336
Silver	06/02/98	ND	110	0.336
Sodium	06/02/98	92.70	NLE	2.242
Thallium	06/02/98	ND	2	0.336
Vanadium	06/02/98	148.9	370	0.112
Zinc	06/02/98	81.93	1500	0.112

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3576.06
Sample Received: 05/18/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-71, 6-12''

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/02/98	9388	NLE	1.132
Antimony	06/02/98	0.789	14	0.226
Arsenic	06/02/98	9.620	20	0.226
Barium	06/02/98	51.51	700	0.057
Beryllium	06/02/98	0.9041	1	0.057
Cadmium	06/02/98	ND	1	0.057
Calcium	06/02/98	1169	NLE	2.264
Chromium	06/02/98	77.94	NLE	0.057
Cobalt	06/02/98	3.255	NLE	0.057
Copper	06/02/98	39.85	600	0.340
Iron	06/02/98	33340	NLE	1.132
Lead	06/02/98	122.6	100	0.226
Magnesium	06/02/98	1435	NLE	2.264
Manganese	06/02/98	76.53	NLE	0.057
Mercury	06/02/98	0.079	14	0.022
Nickel	06/02/98	10.52	250	0.057
Potassium	06/02/98	3817	NLE	2.264
Selenium	06/02/98	ND	63	0.340
Silver	06/02/98	ND	110	0.340
Sodium	06/02/98	92.75	NLE	2.264
Thallium	06/02/98	ND	2	0.340
Vanadium	06/02/98	82.70	370	0.113
Zinc	06/02/98	117.6	1500	0.113

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3576.10
Sample Received: 05/18/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-72, 6-12''

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/02/98	8881	NLE	1.117
Antimony	06/02/98	0.724	14	0.223
Arsenic	06/02/98	8.338	20	0.223
Barium	06/02/98	58.95	700	0.056
Beryllium	06/02/98	0.6764	1	0.056
Cadmium	06/02/98	0.1899	1	0.056
Calcium	06/02/98	1570	NLE	2.234
Chromium	06/02/98	46.85	NLE	0.056
Cobalt	06/02/98	3.326	NLE	0.056
Copper	06/02/98	46.73	600	0.335
Iron	06/02/98	17160	NLE	1.117
Lead	06/02/98	58.50	100	0.223
Magnesium	06/02/98	1940	NLE	2.234
Manganese	06/02/98	89.70	NLE	0.056
Mercury	06/02/98	0.115	14	0.024
Nickel	06/02/98	8.935	250	0.056
Potassium	06/02/98	4607	NLE	2.234
Selenium	06/02/98	ND	63	0.335
Silver	06/02/98	ND	110	0.335
Sodium	06/02/98	262.7	NLE	2.234
Thallium	06/02/98	ND	2	0.335
Vanadium	06/02/98	34.60	370	0.112
Zinc	06/02/98	123.4	1500	0.112

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3576.14
Sample Received: 05/18/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-73, 6-12''

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/02/98	8643	NLE	1.129
Antimony	06/02/98	1.158	14	0.226
Arsenic	06/02/98	7.981	20	0.226
Barium	06/02/98	25.84	700	0.056
Beryllium	06/02/98	0.8670	1	0.056
Cadmium	06/02/98	ND	1	0.056
Calcium	06/02/98	691.0	NLE	2.259
Chromium	06/02/98	85.23	NLE	0.056
Cobalt	06/02/98	5.769	NLE	0.056
Copper	06/02/98	6.715	600	0.339
Iron	06/02/98	34570	NLE	1.129
Lead	06/02/98	75.52	100	0.226
Magnesium	06/02/98	941.0	NLE	2.259
Manganese	06/02/98	168.8	NLE	0.056
Mercury	06/02/98	0.053	14	0.024
Nickel	06/02/98	11.23	250	0.056
Potassium	06/02/98	2201	NLE	2.259
Selenium	06/02/98	ND	63	0.339
Silver	06/02/98	ND	110	0.339
Sodium	06/02/98	62.74	NLE	2.259
Thallium	06/02/98	ND	2	0.339
Vanadium	06/02/98	101.9	370	0.113
Zinc	06/02/98	104.7	1500	0.113

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3580.02
Sample Received: 05/19/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-74, 6-12''

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/02/98	2868	NLE	1.221
Antimony	06/02/98	0.570	14	0.244
Arsenic	06/02/98	4.511	20	0.244
Barium	06/02/98	12.69	700	0.061
Beryllium	06/02/98	0.4361	1	0.061
Cadmium	06/02/98	ND	1	0.061
Calcium	06/02/98	327.2	NLE	2.442
Chromium	06/02/98	27.92	NLE	0.061
Cobalt	06/02/98	0.7721	NLE	0.061
Copper	06/02/98	5.597	600	0.366
Iron	06/02/98	10120	NLE	1.221
Lead	06/02/98	18.46	100	0.244
Magnesium	06/02/98	664.5	NLE	2.442
Manganese	06/02/98	30.30	NLE	0.061
Mercury	06/02/98	0.041	14	0.025
Nickel	06/02/98	2.749	250	0.061
Potassium	06/02/98	1340	NLE	2.442
Selenium	06/02/98	ND	63	0.366
Silver	06/02/98	ND	110	0.366
Sodium	06/02/98	61.08	NLE	2.442
Thallium	06/02/98	ND	2	0.366
Vanadium	06/02/98	22.17	370	0.122
Zinc	06/02/98	25.57	1500	0.121

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3580.05
Sample Received: 05/19/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-75, 6-12''

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/02/98	1781	NLE	1.095
Antimony	06/02/98	ND	14	0.219
Arsenic	06/02/98	1.452	20	0.219
Barium	06/02/98	5.525	700	0.055
Beryllium	06/02/98	0.2615	1	0.055
Cadmium	06/02/98	ND	1	0.055
Calcium	06/02/98	117.9	NLE	2.191
Chromium	06/02/98	18.67	NLE	0.055
Cobalt	06/02/98	0.4013	NLE	0.055
Copper	06/02/98	2.002	600	0.329
Iron	06/02/98	6671	NLE	1.095
Lead	06/02/98	5.525	100	0.219
Magnesium	06/02/98	334.2	NLE	2.191
Manganese	06/02/98	13.35	NLE	0.055
Mercury	06/02/98	ND	14	0.023
Nickel	06/02/98	1.679	250	0.055
Potassium	06/02/98	614.6	NLE	2.191
Selenium	06/02/98	ND	63	0.329
Silver	06/02/98	ND	110	0.329
Sodium	06/02/98	27.75	NLE	2.191
Thallium	06/02/98	ND	2	0.329
Vanadium	06/02/98	16.56	370	0.110
Zinc	06/02/98	12.77	1500	0.110

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3580.08
Sample Received: 05/19/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-76, 6-12''

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/02/98	6780	NLE	1.102
Antimony	06/02/98	0.686	14	0.220
Arsenic	06/02/98	6.874	20	0.220
Barium	06/02/98	26.72	700	0.055
Beryllium	06/02/98	0.6806	1	0.055
Cadmium	06/02/98	ND	1	0.055
Calcium	06/02/98	510.0	NLE	2.204
Chromium	06/02/98	61.92	NLE	0.055
Cobalt	06/02/98	2.925	NLE	0.055
Copper	06/02/98	8.638	600	0.331
Iron	06/02/98	28090	NLE	1.102
Lead	06/02/98	48.57	100	0.220
Magnesium	06/02/98	887.6	NLE	2.204
Manganese	06/02/98	67.87	NLE	0.055
Mercury	06/02/98	0.028	14	0.024
Nickel	06/02/98	8.334	250	0.055
Potassium	06/02/98	1966	NLE	2.204
Selenium	06/02/98	ND	63	0.331
Silver	06/02/98	ND	110	0.331
Sodium	06/02/98	32.16	NLE	2.204
Thallium	06/02/98	ND	2	0.331
Vanadium	06/02/98	73.25	370	0.110
Zinc	06/02/98	53.92	1500	0.110

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3580.11
Sample Received: 05/19/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-77, 6-12''

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/02/98	8537	NLE	1.104
Antimony	06/02/98	1.309	14	0.221
Arsenic	06/02/98	8.003	20	0.221
Barium	06/02/98	24.35	700	0.055
Beryllium	06/02/98	0.9024	1	0.055
Cadmium	06/02/98	ND	1	0.055
Calcium	06/02/98	440.1	NLE	2.209
Chromium	06/02/98	97.55	NLE	0.055
Cobalt	06/02/98	2.623	NLE	0.055
Copper	06/02/98	3.266	600	0.331
Iron	06/02/98	36430	NLE	1.104
Lead	06/02/98	16.89	100	0.221
Magnesium	06/02/98	863.8	NLE	2.209
Manganese	06/02/98	62.27	NLE	0.055
Mercury	06/02/98	0.029	14	0.022
Nickel	06/02/98	10.82	250	0.055
Potassium	06/02/98	2023	NLE	2.209
Selenium	06/02/98	ND	63	0.331
Silver	06/02/98	ND	110	0.331
Sodium	06/02/98	31.08	NLE	2.209
Thallium	06/02/98	ND	2	0.331
Vanadium	06/02/98	103.0	370	0.110
Zinc	06/02/98	58.91	1500	0.110

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3580.14
Sample Received: 05/19/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-78, 6-12''

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/02/98	10590	NLE	1.166
Antimony	06/02/98	1.531	14	0.233
Arsenic	06/02/98	10.88	20	0.233
Barium	06/02/98	24.94	700	0.058
Beryllium	06/02/98	1.190	1	0.058
Cadmium	06/02/98	ND	1	0.058
Calcium	06/02/98	809.2	NLE	2.331
Chromium	06/02/98	96.08	NLE	0.058
Cobalt	06/02/98	5.587	NLE	0.058
Copper	06/02/98	27.74	600	0.350
Iron	06/02/98	56400	NLE	1.166
Lead	06/02/98	33.19	100	0.233
Magnesium	06/02/98	1385	NLE	2.331
Manganese	06/02/98	160.5	NLE	0.058
Mercury	06/02/98	ND	14	0.021
Nickel	06/02/98	13.68	250	0.058
Potassium	06/02/98	3911	NLE	2.331
Selenium	06/02/98	ND	63	0.350
Silver	06/02/98	ND	110	0.350
Sodium	06/02/98	150.5	NLE	2.331
Thallium	06/02/98	ND	2	0.350
Vanadium	06/02/98	123.0	370	0.117
Zinc	06/02/98	72.31	1500	0.117

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3580.18
Sample Received: 05/19/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-79, 6-12''

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/02/98	10590	NLE	1.166
Antimony	06/02/98	1.531	14	0.233
Arsenic	06/02/98	10.88	20	0.233
Barium	06/02/98	24.94	700	0.058
Beryllium	06/02/98	1.190	1	0.058
Cadmium	06/02/98	ND	1	0.058
Calcium	06/02/98	809.2	NLE	2.331
Chromium	06/02/98	96.08	NLE	0.058
Cobalt	06/02/98	5.587	NLE	0.058
Copper	06/02/98	27.74	600	0.350
Iron	06/02/98	56400	NLE	1.166
Lead	06/02/98	33.19	100	0.233
Magnesium	06/02/98	1385	NLE	2.331
Manganese	06/02/98	160.5	NLE	0.058
Mercury	06/02/98	ND	14	0.021
Nickel	06/02/98	13.68	250	0.058
Potassium	06/02/98	3911	NLE	2.331
Selenium	06/02/98	ND	63	0.350
Silver	06/02/98	ND	110	0.350
Sodium	06/02/98	150.5	NLE	2.331
Thallium	06/02/98	ND	2	0.350
Vanadium	06/02/98	123.0	370	0.117
Zinc	06/02/98	72.31	1500	0.117

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3580.22
Sample Received: 05/19/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-80, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/02/98	10450	NLE	1.083
Antimony	06/02/98	1.642	14	0.217
Arsenic	06/02/98	10.26	20	0.217
Barium	06/02/98	24.91	700	0.054
Beryllium	06/02/98	1.143	1	0.054
Cadmium	06/02/98	ND	1	0.054
Calcium	06/02/98	611.8	NLE	2.165
Chromium	06/02/98	112.3	NLE	0.054
Cobalt	06/02/98	5.818	NLE	0.054
Copper	06/02/98	4.975	600	0.325
Iron	06/02/98	47360	NLE	1.083
Lead	06/02/98	65.52	100	0.217
Magnesium	06/02/98	1003	NLE	2.165
Manganese	06/02/98	141.4	NLE	0.054
Mercury	05/18/98	ND	14	0.023
Nickel	06/02/98	15.43	250	0.054
Potassium	06/02/98	2351	NLE	2.165
Selenium	06/02/98	ND	63	0.325
Silver	06/02/98	ND	110	0.325
Sodium	06/02/98	27.11	NLE	2.165
Thallium	06/02/98	ND	2	0.325
Vanadium	06/02/98	154.8	370	0.108
Zinc	06/02/98	70.89	1500	0.108

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3580.26
Sample Received: 05/19/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-81, 6-12''

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/02/98	2577	NLE	1.150
Antimony	06/02/98	0.308	14	0.230
Arsenic	06/02/98	5.594	20	0.230
Barium	06/02/98	36.08	700	0.058
Beryllium	06/02/98	0.2973	1	0.058
Cadmium	06/02/98	0.0968	1	0.058
Calcium	06/02/98	865.2	NLE	2.300
Chromium	06/02/98	11.66	NLE	0.058
Cobalt	06/02/98	1.554	NLE	0.058
Copper	06/02/98	17.64	600	0.345
Iron	06/02/98	6221	NLE	1.150
Lead	06/02/98	36.85	100	0.230
Magnesium	06/02/98	318.6	NLE	2.300
Manganese	06/02/98	17.63	NLE	0.058
Mercury	05/18/98	0.061	14	0.023
Nickel	06/02/98	4.848	250	0.058
Potassium	06/02/98	648.6	NLE	2.300
Selenium	06/02/98	0.385	63	0.345
Silver	06/02/98	ND	110	0.345
Sodium	06/02/98	138.3	NLE	2.300
Thallium	06/02/98	ND	2	0.345
Vanadium	06/02/98	18.03	370	0.115
Zinc	06/02/98	29.27	1500	0.115

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3580.30
Sample Received: 05/19/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-82, 6-12''

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/02/98	2449	NLE	1.126
Antimony	06/02/98	0.356	14	0.225
Arsenic	06/02/98	1.387	20	0.225
Barium	06/02/98	15.13	700	0.056
Beryllium	06/02/98	0.3248	1	0.056
Cadmium	06/02/98	ND	1	0.056
Calcium	06/02/98	316.7	NLE	2.253
Chromium	06/02/98	19.27	NLE	0.056
Cobalt	06/02/98	0.4012	NLE	0.056
Copper	06/02/98	1.524	600	0.338
Iron	06/02/98	6563	NLE	1.126
Lead	06/02/98	4.790	100	0.225
Magnesium	06/02/98	568.3	NLE	2.253
Manganese	06/02/98	12.37	NLE	0.056
Mercury	05/18/98	ND	14	0.022
Nickel	06/02/98	1.503	250	0.056
Potassium	06/02/98	1045	NLE	2.253
Selenium	06/02/98	ND	63	0.338
Silver	06/02/98	ND	110	0.338
Sodium	06/02/98	13.70	NLE	2.253
Thallium	06/02/98	ND	2	0.338
Vanadium	06/02/98	13.74	370	0.113
Zinc	06/02/98	12.57	1500	0.113

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3580.34
Sample Received: 05/19/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-83, 6-12''

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/02/98	1275	NLE	1.049
Antimony	06/02/98	0.255	14	0.210
Arsenic	06/02/98	0.858	20	0.210
Barium	06/02/98	4.896	700	0.052
Beryllium	06/02/98	0.1492	1	0.052
Cadmium	06/02/98	ND	1	0.052
Calcium	06/02/98	134.9	NLE	2.098
Chromium	06/02/98	12.27	NLE	0.052
Cobalt	06/02/98	0.2038	NLE	0.052
Copper	06/02/98	1.995	600	0.315
Iron	06/02/98	4284	NLE	1.049
Lead	06/02/98	6.115	100	0.210
Magnesium	06/02/98	317.3	NLE	2.098
Manganese	06/02/98	8.873	NLE	0.052
Mercury	05/18/98	ND	14	0.020
Nickel	06/02/98	0.8202	250	0.052
Potassium	06/02/98	490.0	NLE	2.098
Selenium	06/02/98	ND	63	0.315
Silver	06/02/98	ND	110	0.315
Sodium	06/02/98	23.19	NLE	2.098
Thallium	06/02/98	ND	2	0.315
Vanadium	06/02/98	9.388	370	0.105
Zinc	06/02/98	7.018	1500	0.105

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3584.02
Sample Received: 05/20/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-84, 6-12''

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/02/98	9216	NLE	1.217
Antimony	06/02/98	1.288	14	0.243
Arsenic	06/02/98	11.23	20	0.243
Barium	06/02/98	29.34	700	0.061
Beryllium	06/02/98	0.6340	1	0.061
Cadmium	06/02/98	ND	1	0.061
Calcium	06/02/98	817.1	NLE	2.434
Chromium	06/02/98	62.61	NLE	0.061
Cobalt	06/02/98	1.854	NLE	0.061
Copper	06/02/98	43.09	600	0.365
Iron	06/02/98	24830	NLE	1.217
Lead	06/02/98	126.8	100	0.243
Magnesium	06/02/98	1392	NLE	2.434
Manganese	06/02/98	40.00	NLE	0.061
Mercury	06/02/98	0.123	14	0.025
Nickel	06/02/98	7.483	250	0.061
Potassium	06/02/98	4076	NLE	2.434
Selenium	06/02/98	ND	63	0.365
Silver	06/02/98	ND	110	0.365
Sodium	06/02/98	61.43	NLE	2.434
Thallium	06/02/98	ND	2	0.365
Vanadium	06/02/98	58.91	370	0.122
Zinc	06/02/98	46.59	1500	0.122

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3584.06
Sample Received: 05/20/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-85, 6-12''

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/02/98	6650	NLE	1.208
Antimony	06/02/98	0.520	14	0.242
Arsenic	06/02/98	4.610	20	0.242
Barium	06/02/98	14.66	700	0.060
Beryllium	06/02/98	0.3893	1	0.060
Cadmium	06/02/98	ND	1	0.060
Calcium	06/02/98	590.2	NLE	2.417
Chromium	06/02/98	37.09	NLE	0.060
Cobalt	06/02/98	2.493	NLE	0.060
Copper	06/02/98	3.002	600	0.363
Iron	06/02/98	13010	NLE	1.208
Lead	06/02/98	6.786	100	0.242
Magnesium	06/02/98	974.8	NLE	2.417
Manganese	06/02/98	85.56	NLE	0.060
Mercury	06/02/98	0.024	14	0.023
Nickel	06/02/98	3.728	250	0.060
Potassium	06/02/98	1656	NLE	2.417
Selenium	06/02/98	ND	63	0.363
Silver	06/02/98	ND	110	0.363
Sodium	06/02/98	38.89	NLE	2.417
Thallium	06/02/98	ND	2	0.363
Vanadium	06/02/98	32.18	370	0.121
Zinc	06/02/98	20.41	1500	0.121

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3584.10
Sample Received: 05/20/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-86, 6-12''

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/02/98	7711	NLE	1.185
Antimony	06/02/98	1.219	14	0.237
Arsenic	06/02/98	8.103	20	0.237
Barium	06/02/98	14.57	700	0.059
Beryllium	06/02/98	0.9604	1	0.059
Cadmium	06/02/98	ND	1	0.059
Calcium	06/02/98	646.2	NLE	2.370
Chromium	06/02/98	91.08	NLE	0.059
Cobalt	06/02/98	2.845	NLE	0.059
Copper	06/02/98	0.413	600	0.355
Iron	06/02/98	41350	NLE	1.185
Lead	06/02/98	7.797	100	0.237
Magnesium	06/02/98	780.5	NLE	2.370
Manganese	06/02/98	49.43	NLE	0.059
Mercury	06/02/98	ND	14	0.023
Nickel	06/02/98	12.44	250	0.059
Potassium	06/02/98	1321	NLE	2.370
Selenium	06/02/98	ND	63	0.355
Silver	06/02/98	ND	110	0.355
Sodium	06/02/98	40.52	NLE	2.370
Thallium	06/02/98	ND	2	0.355
Vanadium	06/02/98	108.4	370	0.118
Zinc	06/02/98	57.83	1500	0.118

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3584.14
Sample Received: 05/20/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-87, 6-12''

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/02/98	7796	NLE	1.197
Antimony	06/02/98	0.834	14	0.239
Arsenic	06/02/98	10.68	20	0.239
Barium	06/02/98	29.97	700	0.060
Beryllium	06/02/98	0.9373	1	0.060
Cadmium	06/02/98	ND	1	0.060
Calcium	06/02/98	1477	NLE	2.393
Chromium	06/02/98	88.90	NLE	0.060
Cobalt	06/02/98	3.717	NLE	0.060
Copper	06/02/98	4.648	600	0.359
Iron	06/02/98	41280	NLE	1.197
Lead	06/02/98	90.95	100	0.239
Magnesium	06/02/98	1019	NLE	2.393
Manganese	06/02/98	101.9	NLE	0.060
Mercury	06/02/98	0.034	14	0.022
Nickel	06/02/98	14.15	250	0.060
Potassium	06/02/98	1580	NLE	2.393
Selenium	06/02/98	ND	63	0.359
Silver	06/02/98	ND	110	0.359
Sodium	06/02/98	116.5	NLE	2.393
Thallium	06/02/98	ND	2	0.359
Vanadium	06/02/98	113.1	370	0.120
Zinc	06/02/98	79.89	1500	0.120

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3584.18
Sample Received: 05/20/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-88, 6-12''

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/02/98	5870	NLE	1.271
Antimony	06/02/98	0.834	14	0.254
Arsenic	06/02/98	12.43	20	0.254
Barium	06/02/98	192.3	700	0.064
Beryllium	06/02/98	4.787	1	0.064
Cadmium	06/02/98	0.674	1	0.064
Calcium	06/02/98	1547	NLE	2.543
Chromium	06/02/98	54.19	NLE	0.064
Cobalt	06/02/98	7.393	NLE	0.064
Copper	06/02/98	2314	600	0.381
Iron	06/02/98	12220	NLE	1.271
Lead	06/02/98	1267	100	0.254
Magnesium	06/02/98	614.5	NLE	2.543
Manganese	06/02/98	175.7	NLE	0.064
Mercury	06/02/98	0.044	14	0.022
Nickel	06/02/98	22.36	250	0.064
Potassium	06/02/98	1654	NLE	2.543
Selenium	06/02/98	1.379	63	0.381
Silver	06/02/98	3.472	110	0.381
Sodium	06/02/98	335.1	NLE	2.543
Thallium	06/02/98	ND	2	0.381
Vanadium	06/02/98	18.83	370	0.127
Zinc	06/02/98	500.7	1500	0.127

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3584.22
Sample Received: 05/20/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-89, 6-12''

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/02/98	4347	NLE	1.349
Antimony	06/02/98	0.237	14	0.270
Arsenic	06/02/98	2.981	20	0.270
Barium	06/02/98	25.61	700	0.067
Beryllium	06/02/98	0.3072	1	0.067
Cadmium	06/02/98	ND	1	0.067
Calcium	06/02/98	1663	NLE	2.698
Chromium	06/02/98	7.984	NLE	0.067
Cobalt	06/02/98	3.526	NLE	0.067
Copper	06/02/98	46.74	600	0.405
Iron	06/02/98	5168	NLE	1.349
Lead	06/02/98	15.43	100	0.270
Magnesium	06/02/98	359.5	NLE	2.698
Manganese	06/02/98	97.42	NLE	0.067
Mercury	06/02/98	0.039	14	0.026
Nickel	06/02/98	10.93	250	0.067
Potassium	06/02/98	633.6	NLE	2.698
Selenium	06/02/98	ND	63	0.405
Silver	06/02/98	ND	110	0.405
Sodium	06/02/98	440.7	NLE	2.698
Thallium	06/02/98	ND	2	0.405
Vanadium	06/02/98	9.574	370	0.135
Zinc	06/02/98	26.70	1500	0.135

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3584.26
Sample Received: 05/20/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-90, 6-12''

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/02/98	4758	NLE	1.063
Antimony	06/02/98	0.945	14	0.213
Arsenic	06/02/98	15.53	20	0.213
Barium	06/02/98	8.797	700	0.053
Beryllium	06/02/98	0.4409	1	0.053
Cadmium	06/02/98	ND	1	0.053
Calcium	06/02/98	181.2	NLE	2.127
Chromium	06/02/98	58.29	NLE	0.053
Cobalt	06/02/98	0.5178	NLE	0.053
Copper	06/02/98	139.2	600	0.319
Iron	06/02/98	15660	NLE	1.063
Lead	06/02/98	19.27	100	0.213
Magnesium	06/02/98	1090	NLE	2.127
Manganese	06/02/98	9.783	NLE	0.053
Mercury	06/02/98	0.044	14	0.022
Nickel	06/02/98	2.453	250	0.053
Potassium	06/02/98	3985	NLE	2.127
Selenium	06/02/98	1.146	63	0.319
Silver	06/02/98	ND	110	0.319
Sodium	06/02/98	186.3	NLE	2.127
Thallium	06/02/98	ND	2	0.319
Vanadium	06/02/98	11.28	370	0.106
Zinc	06/02/98	35.88	1500	0.106

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3584.30
Sample Received: 05/20/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-91, 6-12''

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/02/98	2982	NLE	1.098
Antimony	06/02/98	0.542	14	0.220
Arsenic	06/02/98	4.745	20	0.220
Barium	06/02/98	21.03	700	0.055
Beryllium	06/02/98	0.3972	1	0.055
Cadmium	06/02/98	ND	1	0.055
Calcium	06/02/98	987.9	NLE	2.195
Chromium	06/02/98	27.55	NLE	0.055
Cobalt	06/02/98	0.9371	NLE	0.055
Copper	06/02/98	10.16	600	0.329
Iron	06/02/98	12860	NLE	1.098
Lead	06/02/98	50.74	100	0.220
Magnesium	06/02/98	748.0	NLE	2.195
Manganese	06/02/98	28.45	NLE	0.055
Mercury	06/02/98	0.053	14	0.021
Nickel	06/02/98	3.390	250	0.055
Potassium	06/02/98	1988	NLE	2.195
Selenium	06/02/98	ND	63	0.329
Silver	06/02/98	ND	110	0.329
Sodium	06/02/98	128.8	NLE	2.195
Thallium	06/02/98	ND	2	0.329
Vanadium	06/02/98	11.94	370	0.110
Zinc	06/02/98	76.22	1500	0.110

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3584.34
Sample Received: 05/20/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-92, 6-12''

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/02/98	2424	NLE	1.060
Antimony	06/02/98	0.305	14	0.212
Arsenic	06/02/98	1.092	20	0.212
Barium	06/02/98	12.71	700	0.053
Beryllium	06/02/98	0.3802	1	0.053
Cadmium	06/02/98	ND	1	0.053
Calcium	06/02/98	168.5	NLE	2.120
Chromium	06/02/98	16.35	NLE	0.053
Cobalt	06/02/98	0.4263	NLE	0.053
Copper	06/02/98	2.460	600	0.318
Iron	06/02/98	6114	NLE	1.060
Lead	06/02/98	5.981	100	0.212
Magnesium	06/02/98	517.9	NLE	2.120
Manganese	06/02/98	22.40	NLE	0.053
Mercury	06/02/98	0.036	14	0.024
Nickel	06/02/98	1.526	250	0.053
Potassium	06/02/98	1086	NLE	2.120
Selenium	06/02/98	ND	63	0.318
Silver	06/02/98	ND	110	0.318
Sodium	06/02/98	22.98	NLE	2.120
Thallium	06/02/98	ND	2	0.318
Vanadium	06/02/98	9.943	370	0.106
Zinc	06/02/98	14.81	1500	0.106

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3588.02
Sample Received: 05/21/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-93, 6-12''

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/02/98	6587	NLE	1.210
Antimony	06/02/98	0.864	14	0.242
Arsenic	06/02/98	9.735	20	0.242
Barium	06/02/98	18.68	700	0.060
Beryllium	06/02/98	0.4900	1	0.060
Cadmium	06/02/98	ND	1	0.060
Calcium	06/02/98	393.2	NLE	2.419
Chromium	06/02/98	56.44	NLE	0.060
Cobalt	06/02/98	1.026	NLE	0.060
Copper	06/02/98	11.74	600	0.363
Iron	06/02/98	21140	NLE	1.210
Lead	06/02/98	30.17	100	0.242
Magnesium	06/02/98	879.0	NLE	2.419
Manganese	06/02/98	16.42	NLE	0.060
Mercury	06/02/98	0.051	14	0.020
Nickel	06/02/98	4.015	250	0.060
Potassium	06/02/98	2804	NLE	2.419
Selenium	06/02/98	ND	63	0.363
Silver	06/02/98	ND	110	0.363
Sodium	06/02/98	91.43	NLE	2.419
Thallium	06/02/98	ND	2	0.363
Vanadium	06/02/98	51.64	370	0.121
Zinc	06/02/98	27.70	1500	0.121

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3588.06
Sample Received: 05/21/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-94, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/02/98	7273	NLE	1.162
Antimony	06/02/98	0.705	14	0.232
Arsenic	06/02/98	9.530	20	0.232
Barium	06/02/98	21.47	700	0.058
Beryllium	06/02/98	0.7067	1	0.058
Cadmium	06/02/98	ND	1	0.058
Calcium	06/02/98	502.8	NLE	2.324
Chromium	06/02/98	57.07	NLE	0.058
Cobalt	06/02/98	3.164	NLE	0.058
Copper	06/02/98	2.615	600	0.349
Iron	06/02/98	28210	NLE	1.162
Lead	06/02/98	131.3	100	0.232
Magnesium	06/02/98	895.0	NLE	2.324
Manganese	06/02/98	67.30	NLE	0.058
Mercury	06/02/98	0.024	14	0.024
Nickel	06/02/98	8.536	250	0.058
Potassium	06/02/98	2075	NLE	2.324
Selenium	06/02/98	ND	63	0.349
Silver	06/02/98	ND	110	0.349
Sodium	06/02/98	37.29	NLE	2.324
Thallium	06/02/98	ND	2	0.349
Vanadium	06/02/98	75.40	370	0.116
Zinc	06/02/98	41.81	1500	0.116

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3588.10
Sample Received: 05/21/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-95, 6-12''

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/02/98	6776	NLE	1.212
Antimony	06/02/98	0.293	14	0.242
Arsenic	06/02/98	7.075	20	0.242
Barium	06/02/98	50.99	700	0.061
Beryllium	06/02/98	0.5910	1	0.061
Cadmium	06/02/98	ND	1	0.061
Calcium	06/02/98	1605	NLE	2.424
Chromium	06/02/98	28.21	NLE	0.061
Cobalt	06/02/98	4.892	NLE	0.061
Copper	06/02/98	19.37	600	0.364
Iron	06/02/98	10070	NLE	1.212
Lead	06/02/98	18.73	100	0.242
Magnesium	06/02/98	1135	NLE	2.424
Manganese	06/02/98	32.46	NLE	0.061
Mercury	06/02/98	0.050	14	0.025
Nickel	06/02/98	14.98	250	0.061
Potassium	06/02/98	2495	NLE	2.424
Selenium	06/02/98	0.627	63	0.364
Silver	06/02/98	ND	110	0.364
Sodium	06/02/98	216.6	NLE	2.424
Thallium	06/02/98	ND	2	0.364
Vanadium	06/02/98	25.26	370	0.121
Zinc	06/02/98	27.54	1500	0.121

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3588.14
Sample Received: 05/21/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-96, 6-12''

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/02/98	1231	NLE	1.224
Antimony	06/02/98	1.110	14	0.245
Arsenic	06/02/98	12.33	20	0.245
Barium	06/02/98	96.83	700	0.061
Beryllium	06/02/98	0.1224	1	0.061
Cadmium	06/02/98	ND	1	0.061
Calcium	06/02/98	383.6	NLE	2.448
Chromium	06/02/98	11.51	NLE	0.061
Cobalt	06/02/98	1.152	NLE	0.061
Copper	06/02/98	26.15	600	0.367
Iron	06/02/98	7920	NLE	1.224
Lead	06/02/98	78.99	100	0.245
Magnesium	06/02/98	286.0	NLE	2.448
Manganese	06/02/98	15.55	NLE	0.061
Mercury	06/02/98	0.184	14	0.024
Nickel	06/02/98	4.765	250	0.061
Potassium	06/02/98	472.2	NLE	2.448
Selenium	06/02/98	3.910	63	0.367
Silver	06/02/98	ND	110	0.367
Sodium	06/02/98	58.66	NLE	2.448
Thallium	06/02/98	ND	2	0.367
Vanadium	06/02/98	9.353	370	0.122
Zinc	06/02/98	13.94	1500	0.122

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3588.18
Sample Received: 05/21/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-97, 6-12''

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/02/98	8665	NLE	1.193
Antimony	06/02/98	0.813	14	0.239
Arsenic	06/02/98	9.330	20	0.239
Barium	06/02/98	35.87	700	0.060
Beryllium	06/02/98	0.6407	1	0.060
Cadmium	06/02/98	ND	1	0.060
Calcium	06/02/98	1533	NLE	2.387
Chromium	06/02/98	41.47	NLE	0.060
Cobalt	06/02/98	3.802	NLE	0.060
Copper	06/02/98	14.07	600	0.358
Iron	06/02/98	21290	NLE	1.193
Lead	06/02/98	46.73	100	0.239
Magnesium	06/02/98	1372	NLE	2.387
Manganese	06/02/98	78.04	NLE	0.060
Mercury	06/02/98	0.099	14	0.025
Nickel	06/02/98	11.81	250	0.060
Potassium	06/02/98	3002	NLE	2.387
Selenium	06/02/98	ND	63	0.358
Silver	06/02/98	ND	110	0.358
Sodium	06/02/98	183.9	NLE	2.387
Thallium	06/02/98	ND	2	0.358
Vanadium	06/02/98	50.30	370	0.119
Zinc	06/02/98	43.54	1500	0.119

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3588.22
Sample Received: 05/21/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-98, 6-12''

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/02/98	2673	NLE	1.266
Antimony	06/02/98	0.397	14	0.253
Arsenic	06/02/98	7.349	20	0.253
Barium	06/02/98	108.4	700	0.063
Beryllium	06/02/98	0.2846	1	0.063
Cadmium	06/02/98	0.415	1	0.063
Calcium	06/02/98	1042	NLE	2.532
Chromium	06/02/98	11.65	NLE	0.063
Cobalt	06/02/98	2.666	NLE	0.063
Copper	06/02/98	48.11	600	0.380
Iron	06/02/98	4878	NLE	1.266
Lead	06/02/98	69.52	100	0.253
Magnesium	06/02/98	342.3	NLE	2.532
Manganese	06/02/98	59.09	NLE	0.063
Mercury	06/02/98	0.340	14	0.024
Nickel	06/02/98	8.137	250	0.063
Potassium	06/02/98	456	NLE	2.532
Selenium	06/02/98	1.474	63	0.380
Silver	06/02/98	0.421	110	0.380
Sodium	06/02/98	177.3	NLE	2.532
Thallium	06/02/98	ND	2	0.380
Vanadium	06/02/98	10.97	370	0.127
Zinc	06/02/98	73.52	1500	0.127

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3593.02
Sample Received: 05/26/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-99, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/02/98	3319	NLE	1.210
Antimony	06/02/98	1.522	14	0.242
Arsenic	06/02/98	4.823	20	0.242
Barium	06/02/98	25.33	700	0.060
Beryllium	06/02/98	0.2113	1	0.060
Cadmium	06/02/98	8.552	1	0.060
Calcium	06/02/98	1011	NLE	2.420
Chromium	06/02/98	20.07	NLE	0.060
Cobalt	06/02/98	2.289	NLE	0.060
Copper	06/02/98	1168	600	0.363
Iron	06/02/98	7295	NLE	1.210
Lead	06/02/98	4549	100	0.242
Magnesium	06/02/98	783.4	NLE	2.420
Manganese	06/02/98	2581	NLE	0.060
Mercury	06/02/98	4.465	14	0.120
Nickel	06/02/98	6.487	250	0.060
Potassium	06/02/98	1426	NLE	2.420
Selenium	06/02/98	0.504	63	0.363
Silver	06/02/98	37.830	110	0.363
Sodium	06/02/98	235.1	NLE	2.420
Thallium	06/02/98	ND	2	0.363
Vanadium	06/02/98	16.76	370	0.121
Zinc	06/02/98	9772	1500	0.121

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3665.12
Sample Received: 06/18/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-158, 6-12''

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	07/01/98	2715	NLE	0.960
Antimony	07/01/98	0.349	14	0.192
Arsenic	07/01/98	1.328	20	0.192
Barium	07/01/98	15.24	700	0.048
Beryllium	07/01/98	0.4010	1	0.048
Cadmium	07/01/98	0.1991	1	0.048
Calcium	07/01/98	230.8	NLE	1.919
Chromium	07/01/98	20.65	NLE	0.048
Cobalt	07/01/98	0.3999	NLE	0.048
Copper	07/01/98	1.010	600	0.288
Iron	07/01/98	7173	NLE	0.960
Lead	07/01/98	3.345	100	0.192
Magnesium	07/01/98	712.5	NLE	1.919
Manganese	07/01/98	20.15	NLE	0.048
Mercury	07/06/98	ND	14	0.022
Nickel	07/01/98	1.697	250	0.048
Potassium	07/01/98	1740	NLE	1.919
Selenium	07/01/98	ND	63	0.288
Silver	07/01/98	ND	110	0.288
Sodium	07/01/98	61.53	NLE	1.919
Thallium	07/01/98	ND	2	0.288
Vanadium	07/01/98	11.98	370	0.096
Zinc	07/01/98	15.95	1500	0.096

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3665.16
Sample Received: 06/18/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-159, 6-12''

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	07/01/98	6285	NLE	1.230
Antimony	07/01/98	0.487	14	0.246
Arsenic	07/01/98	8.398	20	0.246
Barium	07/01/98	16.27	700	0.062
Beryllium	07/01/98	0.5945	1	0.062
Cadmium	07/01/98	ND	1	0.062
Calcium	07/01/98	705.6	NLE	2.460
Chromium	07/01/98	48.92	NLE	0.062
Cobalt	07/01/98	2.458	NLE	0.062
Copper	07/01/98	7.446	600	0.369
Iron	07/01/98	25200	NLE	1.230
Lead	07/01/98	22.86	100	0.246
Magnesium	07/01/98	914.9	NLE	2.460
Manganese	07/01/98	50.78	NLE	0.062
Mercury	07/06/98	ND	14	0.025
Nickel	07/01/98	6.746	250	0.062
Potassium	07/01/98	1640	NLE	2.460
Selenium	07/01/98	ND	63	0.369
Silver	07/01/98	ND	110	0.369
Sodium	07/01/98	62.96	NLE	2.460
Thallium	07/01/98	ND	2	0.369
Vanadium	07/01/98	58.35	370	0.123
Zinc	07/01/98	39.62	1500	0.123

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3665.22
Sample Received: 06/18/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-161, 6-12''

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	07/01/98	5319	NLE	1.056
Antimony	07/01/98	0.579	14	0.211
Arsenic	07/01/98	4.368	20	0.211
Barium	07/01/98	11.72	700	0.053
Beryllium	07/01/98	0.4884	1	0.053
Cadmium	07/01/98	ND	1	0.053
Calcium	07/01/98	395.0	NLE	2.112
Chromium	07/01/98	41.48	NLE	0.053
Cobalt	07/01/98	1.602	NLE	0.053
Copper	07/01/98	1.858	600	0.317
Iron	07/01/98	13430	NLE	1.056
Lead	07/01/98	4.473	100	0.211
Magnesium	07/01/98	1036	NLE	2.112
Manganese	07/01/98	34.64	NLE	0.053
Mercury	07/06/98	ND	14	0.021
Nickel	07/01/98	2.982	250	0.053
Potassium	07/01/98	2860	NLE	2.112
Selenium	07/01/98	ND	63	0.317
Silver	07/01/98	ND	110	0.317
Sodium	07/01/98	ND	NLE	2.112
Thallium	07/01/98	ND	2	0.317
Vanadium	07/01/98	30.25	370	0.106
Zinc	07/01/98	17.60	1500	0.106

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3686.04
Sample Received: 06/26/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-162, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	07/01/98	2685	NLE	1.434
Antimony	07/01/98	0.337	14	0.287
Arsenic	07/01/98	5.292	20	0.287
Barium	07/01/98	35.73	700	0.072
Beryllium	07/01/98	0.2658	1	0.072
Cadmium	07/01/98	0.4376	1	0.072
Calcium	07/01/98	1154	NLE	2.867
Chromium	07/01/98	13.87	NLE	0.072
Cobalt	07/01/98	2.082	NLE	0.072
Copper	07/01/98	23.12	600	0.430
Iron	07/01/98	5905	NLE	1.434
Lead	07/01/98	46.83	100	0.287
Magnesium	07/01/98	494.8	NLE	2.867
Manganese	07/01/98	24.99	NLE	0.072
Mercury	07/06/98	0.031	14	0.027
Nickel	07/01/98	5.629	250	0.072
Potassium	07/01/98	716.6	NLE	2.867
Selenium	07/01/98	ND	63	0.430
Silver	07/01/98	ND	110	0.430
Sodium	07/01/98	134.2	NLE	2.867
Thallium	07/01/98	ND	2	0.430
Vanadium	07/01/98	17.05	370	0.143
Zinc	07/01/98	29.63	1500	0.143

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3686.07
Sample Received: 06/26/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-163, 6-12''

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	07/01/98	7000	NLE	1.295
Antimony	07/01/98	4.693	14	0.259
Arsenic	07/01/98	67.77	20	0.259
Barium	07/01/98	180.7	700	0.065
Beryllium	07/01/98	0.5620	1	0.065
Cadmium	07/01/98	ND	1	0.065
Calcium	07/01/98	9589	NLE	2.590
Chromium	07/01/98	65.41	NLE	0.065
Cobalt	07/01/98	14.15	NLE	0.065
Copper	07/01/98	433.0	600	0.389
Iron	07/01/98	131900	NLE	1.295
Lead	07/01/98	98.63	100	0.259
Magnesium	07/01/98	1008	NLE	2.590
Manganese	07/01/98	623.9	NLE	0.065
Mercury	07/06/98	0.067	14	0.026
Nickel	07/01/98	67.18	250	0.065
Potassium	07/01/98	1579	NLE	2.590
Selenium	07/01/98	ND	63	0.389
Silver	07/01/98	ND	110	0.389
Sodium	07/01/98	953.4	NLE	2.590
Thallium	07/01/98	ND	2	0.389
Vanadium	07/01/98	15.28	370	0.130
Zinc	07/01/98	457.1	1500	0.130

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3686.10
Sample Received: 06/26/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-164, 6-12''

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	07/01/98	1807	NLE	1.111
Antimony	07/01/98	0.310	14	0.222
Arsenic	07/01/98	0.977	20	0.222
Barium	07/01/98	8.533	700	0.056
Beryllium	07/01/98	0.3014	1	0.056
Cadmium	07/01/98	0.4001	1	0.056
Calcium	07/01/98	211.4	NLE	2.222
Chromium	07/01/98	14.53	NLE	0.056
Cobalt	07/01/98	0.2978	NLE	0.056
Copper	07/01/98	1.341	600	0.333
Iron	07/01/98	5494	NLE	1.111
Lead	07/01/98	2.754	100	0.222
Magnesium	07/01/98	363.8	NLE	2.222
Manganese	07/01/98	17.74	NLE	0.056
Mercury	07/06/98	ND	14	0.022
Nickel	07/01/98	1.400	250	0.056
Potassium	07/01/98	587.3	NLE	2.222
Selenium	07/01/98	ND	63	0.333
Silver	07/01/98	ND	110	0.333
Sodium	07/01/98	4.653	NLE	2.222
Thallium	07/01/98	ND	2	0.333
Vanadium	07/01/98	10.23	370	0.111
Zinc	07/01/98	13.81	1500	0.111

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3688.02
Sample Received: 06/29/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-165, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	07/01/98	5053	NLE	1.130
Antimony	07/01/98	0.822	14	0.226
Arsenic	07/01/98	6.525	20	0.226
Barium	07/01/98	15.48	700	0.057
Beryllium	07/01/98	0.4805	1	0.057
Cadmium	07/01/98	0.2383	1	0.057
Calcium	07/01/98	665.0	NLE	2.260
Chromium	07/01/98	55.07	NLE	0.057
Cobalt	07/01/98	0.9522	NLE	0.057
Copper	07/01/98	12.07	600	0.339
Iron	07/01/98	18160	NLE	1.130
Lead	07/01/98	42.83	100	0.226
Magnesium	07/01/98	983.2	NLE	2.260
Manganese	07/01/98	30.92	NLE	0.057
Mercury	07/06/98	0.051	14	0.023
Nickel	07/01/98	3.563	250	0.057
Potassium	07/01/98	2960	NLE	2.260
Selenium	07/01/98	ND	63	0.339
Silver	07/01/98	ND	110	0.339
Sodium	07/01/98	46.52	NLE	2.260
Thallium	07/01/98	ND	2	0.339
Vanadium	07/01/98	43.13	370	0.113
Zinc	07/01/98	37.72	1500	0.113

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3688.06
Sample Received: 06/29/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-166, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	07/01/98	9267	NLE	1.217
Antimony	07/01/98	1.298	14	0.243
Arsenic	07/01/98	17.45	20	0.243
Barium	07/01/98	14.34	700	0.061
Beryllium	07/01/98	0.5758	1	0.061
Cadmium	07/01/98	ND	1	0.061
Calcium	07/01/98	441.5	NLE	2.434
Chromium	07/01/98	72.90	NLE	0.061
Cobalt	07/01/98	0.8807	NLE	0.061
Copper	07/01/98	7.172	600	0.365
Iron	07/01/98	30120	NLE	1.217
Lead	07/01/98	14.31	100	0.243
Magnesium	07/01/98	902.7	NLE	2.434
Manganese	07/01/98	12.46	NLE	0.061
Mercury	07/06/98	0.064	14	0.025
Nickel	07/01/98	4.461	250	0.061
Potassium	07/01/98	2850	NLE	2.434
Selenium	07/01/98	0.371	63	0.365
Silver	07/01/98	ND	110	0.365
Sodium	07/01/98	7.854	NLE	2.434
Thallium	07/01/98	ND	2	0.365
Vanadium	07/01/98	62.26	370	0.122
Zinc	07/01/98	32.28	1500	0.122

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3688.09
Sample Received: 06/29/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-167, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	07/01/98	6171	NLE	1.109
Antimony	07/01/98	0.638	14	0.222
Arsenic	07/01/98	9.463	20	0.222
Barium	07/01/98	54.63	700	0.055
Beryllium	07/01/98	0.5529	1	0.055
Cadmium	07/01/98	0.3187	1	0.055
Calcium	07/01/98	1435	NLE	2.219
Chromium	07/01/98	47.49	NLE	0.055
Cobalt	07/01/98	2.798	NLE	0.055
Copper	07/01/98	38.89	600	0.333
Iron	07/01/98	21260	NLE	1.109
Lead	07/01/98	94.14	100	0.222
Magnesium	07/01/98	1306	NLE	2.219
Manganese	07/01/98	59.92	NLE	0.055
Mercury	07/06/98	0.101	14	0.022
Nickel	07/01/98	8.902	250	0.055
Potassium	07/01/98	3105	NLE	2.219
Selenium	07/01/98	0.342	63	0.333
Silver	07/01/98	ND	110	0.333
Sodium	07/01/98	690.0	NLE	2.219
Thallium	07/01/98	ND	2	0.333
Vanadium	07/01/98	41.98	370	0.111
Zinc	07/01/98	61.39	1500	0.111

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3688.12
Sample Received: 06/29/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-168, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	07/01/98	3375	NLE	1.307
Antimony	07/01/98	ND	14	0.261
Arsenic	07/01/98	4.215	20	0.261
Barium	07/01/98	31.47	700	0.065
Beryllium	07/01/98	0.3019	1	0.065
Cadmium	07/01/98	0.3736	1	0.065
Calcium	07/01/98	1273	NLE	2.615
Chromium	07/01/98	10.58	NLE	0.065
Cobalt	07/01/98	4.252	NLE	0.065
Copper	07/01/98	20.07	600	0.392
Iron	07/01/98	4301	NLE	1.307
Lead	07/01/98	20.43	100	0.261
Magnesium	07/01/98	468.3	NLE	2.615
Manganese	07/01/98	34.87	NLE	0.065
Mercury	07/06/98	0.025	14	0.022
Nickel	07/01/98	11.23	250	0.065
Potassium	07/01/98	598.3	NLE	2.615
Selenium	07/01/98	ND	63	0.392
Silver	07/01/98	ND	110	0.392
Sodium	07/01/98	226.4	NLE	2.615
Thallium	07/01/98	ND	2	0.392
Vanadium	07/01/98	14.73	370	0.131
Zinc	07/01/98	28.85	1500	0.131

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3688.15
Sample Received: 06/29/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-169, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	07/01/98	1764	NLE	1.328
Antimony	07/01/98	0.368	14	0.266
Arsenic	07/01/98	3.946	20	0.266
Barium	07/01/98	45.13	700	0.066
Beryllium	07/01/98	0.1749	1	0.066
Cadmium	07/01/98	0.3013	1	0.066
Calcium	07/01/98	624.1	NLE	2.657
Chromium	07/01/98	3.820	NLE	0.066
Cobalt	07/01/98	1.702	NLE	0.066
Copper	07/01/98	14.28	600	0.399
Iron	07/01/98	2469	NLE	1.328
Lead	07/01/98	18.74	100	0.266
Magnesium	07/01/98	159.2	NLE	2.657
Manganese	07/01/98	17.16	NLE	0.066
Mercury	07/06/98	ND	14	0.026
Nickel	07/01/98	4.544	250	0.066
Potassium	07/01/98	193.8	NLE	2.657
Selenium	07/01/98	ND	63	0.399
Silver	07/01/98	ND	110	0.399
Sodium	07/01/98	147.4	NLE	2.657
Thallium	07/01/98	ND	2	0.399
Vanadium	07/01/98	9.161	370	0.133
Zinc	07/01/98	11.74	1500	0.133

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3722.12
Sample Received:07/13/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-178, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	08/12/98	5330	NLE	83.640
Antimony	08/12/98	0.540	14	16.728
Arsenic	08/12/98	6.39	20	16.728
Barium	08/12/98	21.4	700	4.182
Beryllium	08/12/98	0.728	1	4.182
Cadmium	08/12/98	ND	1	4.182
Calcium	08/12/98	851	NLE	167.280
Chromium	08/12/98	58.8	NLE	4.182
Cobalt	08/12/98	1.22	NLE	4.182
Copper	08/12/98	4.95	600	25.092
Iron	08/12/98	19400	NLE	83.640
Lead	08/12/98	7.58	100	16.728
Magnesium	08/12/98	1620	NLE	167.280
Manganese	08/12/98	38.7	NLE	4.182
Mercury	07/29/98	1.680	14	1.344
Nickel	08/12/98	3.57	250	4.182
Potassium	08/12/98	3980	NLE	167.280
Selenium	08/12/98	ND	63	25.092
Silver	08/12/98	ND	110	25.092
Sodium	08/12/98	84.8	NLE	167.280
Thallium	08/12/98	ND	2	25.092
Vanadium	08/12/98	18.3	370	8.364
Zinc	08/12/98	48.4	1500	8.364

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3722.15
Sample Received:07/13/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-179, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	08/12/98	1710	NLE	1.143
Antimony	08/12/98	0.391	14	0.229
Arsenic	08/12/98	1.55	20	0.229
Barium	08/12/98	5.27	700	0.057
Beryllium	08/12/98	0.255	1	0.057
Cadmium	08/12/98	ND	1	0.057
Calcium	08/12/98	127	NLE	2.286
Chromium	08/12/98	19.6	NLE	0.057
Cobalt	08/12/98	0.247	NLE	0.057
Copper	08/12/98	1.00	600	0.343
Iron	08/12/98	7740	NLE	1.143
Lead	08/12/98	7.32	100	0.229
Magnesium	08/12/98	436	NLE	2.286
Manganese	08/12/98	4.30	NLE	0.057
Mercury	07/29/98	0.013	14	0.017
Nickel	08/12/98	1.14	250	0.057
Potassium	08/12/98	774	NLE	2.286
Selenium	08/12/98	ND	63	0.343
Silver	08/12/98	ND	110	0.343
Sodium	08/12/98	42.6	NLE	2.286
Thallium	08/12/98	ND	2	0.343
Vanadium	08/12/98	17.0	370	0.114
Zinc	08/12/98	10.5	1500	0.114

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3722.18
Sample Received:07/13/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-180, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	08/12/98	10000	NLE	1.001
Antimony	08/12/98	0.537	14	0.200
Arsenic	08/12/98	9.99	20	0.200
Barium	08/12/98	42.8	700	0.050
Beryllium	08/12/98	1.35	1	0.050
Cadmium	08/12/98	ND	1	0.050
Calcium	08/12/98	1240	NLE	2.003
Chromium	08/12/98	110	NLE	0.050
Cobalt	08/12/98	1.97	NLE	0.050
Copper	08/12/98	7.44	600	0.300
Iron	08/12/98	35100	NLE	1.001
Lead	08/12/98	14.6	100	0.200
Magnesium	08/12/98	4220	NLE	2.003
Manganese	08/12/98	45.3	NLE	0.050
Mercury	07/29/98	0.042	14	0.021
Nickel	08/12/98	5.91	250	0.050
Potassium	08/12/98	9010	NLE	2.003
Selenium	08/12/98	ND	63	0.300
Silver	08/12/98	ND	110	0.300
Sodium	08/12/98	109	NLE	2.003
Thallium	08/12/98	ND	2	0.300
Vanadium	08/12/98	40.3	370	0.100
Zinc	08/12/98	51.5	1500	0.100

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3722.21
Sample Received:07/13/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-181, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	08/12/98	12500	NLE	1.248
Antimony	08/12/98	1.16	14	0.250
Arsenic	08/12/98	11.6	20	0.250
Barium	08/12/98	14.2	700	0.062
Beryllium	08/12/98	1.80	1	0.062
Cadmium	08/12/98	ND	1	0.062
Calcium	08/12/98	86.4	NLE	2.495
Chromium	08/12/98	139	NLE	0.062
Cobalt	08/12/98	1.10	NLE	0.062
Copper	08/12/98	ND	600	0.374
Iron	08/12/98	48800	NLE	1.248
Lead	08/12/98	6.18	100	0.250
Magnesium	08/12/98	1660	NLE	2.495
Manganese	08/12/98	17.6	NLE	0.062
Mercury	07/29/98	0.028	14	0.023
Nickel	08/12/98	6.24	250	0.062
Potassium	08/12/98	3210	NLE	2.495
Selenium	08/12/98	ND	63	0.374
Silver	08/12/98	ND	110	0.374
Sodium	08/12/98	56.6	NLE	2.495
Thallium	08/12/98	ND	2	0.374
Vanadium	08/12/98	92.1	370	0.125
Zinc	08/12/98	44.9	1500	0.125

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3805.02
Sample Received:08/12/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-197, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	08/31/98	5970	NLE	1.159
Antimony	08/31/98	0.253	14	0.232
Arsenic	08/31/98	4.98	20	0.232
Barium	08/31/98	47.1	700	0.058
Beryllium	08/31/98	0.530	1	0.058
Cadmium	08/31/98	ND	1	0.058
Calcium	08/31/98	1720	NLE	2.318
Chromium	08/31/98	17.1	NLE	0.058
Cobalt	08/31/98	5.69	NLE	0.058
Copper	08/31/98	37.8	600	0.348
Iron	08/31/98	7220	NLE	1.159
Lead	08/31/98	40.0	100	0.232
Magnesium	08/31/98	791	NLE	2.318
Manganese	08/31/98	47.8	NLE	0.058
Mercury	08/20/98	0.063	14	0.028
Nickel	08/31/98	14.9	250	0.058
Potassium	08/31/98	1300	NLE	2.318
Selenium	08/31/98	ND	63	0.348
Silver	08/31/98	ND	110	0.348
Sodium	08/31/98	290	NLE	2.318
Thallium	08/31/98	ND	2	0.348
Vanadium	08/31/98	23.2	370	0.116
Zinc	08/31/98	31.9	1500	0.116

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3805.04
Sample Received:08/12/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-198, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	08/31/98	4720	NLE	1.011
Antimony	08/31/98	1.48	14	0.202
Arsenic	08/31/98	59.1	20	0.202
Barium	08/31/98	68.6	700	0.051
Beryllium	08/31/98	0.548	1	0.051
Cadmium	08/31/98	ND	1	0.051
Calcium	08/31/98	918	NLE	2.022
Chromium	08/31/98	19.5	NLE	0.051
Cobalt	08/31/98	11.4	NLE	0.051
Copper	08/31/98	92.6	600	0.303
Iron	08/31/98	38400	NLE	1.011
Lead	08/31/98	119	100	0.202
Magnesium	08/31/98	491	NLE	2.022
Manganese	08/31/98	121	NLE	0.051
Mercury	08/20/98	0.029	14	0.026
Nickel	08/31/98	18.2	250	0.051
Potassium	08/31/98	1330	NLE	2.022
Selenium	08/31/98	ND	63	0.303
Silver	08/31/98	ND	110	0.303
Sodium	08/31/98	393	NLE	2.022
Thallium	08/31/98	ND	2	0.303
Vanadium	08/31/98	17.5	370	0.101
Zinc	08/31/98	114	1500	0.101

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3805.06
Sample Received:08/12/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-199, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	08/31/98	9820	NLE	1.148
Antimony	08/31/98	6.56	14	0.230
Arsenic	08/31/98	11.5	20	0.230
Barium	08/31/98	363	700	0.057
Beryllium	08/31/98	0.900	1	0.057
Cadmium	08/31/98	ND	1	0.057
Calcium	08/31/98	537	NLE	2.297
Chromium	08/31/98	77.4	NLE	0.057
Cobalt	08/31/98	5.14	NLE	0.057
Copper	08/31/98	122	600	0.345
Iron	08/31/98	33400	NLE	1.148
Lead	08/31/98	494	100	0.230
Magnesium	08/31/98	1700	NLE	2.297
Manganese	08/31/98	143	NLE	0.057
Mercury	08/20/98	0.153	14	0.019
Nickel	08/31/98	23.6	250	0.057
Potassium	08/31/98	4160	NLE	2.297
Selenium	08/31/98	ND	63	0.345
Silver	08/31/98	ND	110	0.345
Sodium	08/31/98	535	NLE	2.297
Thallium	08/31/98	ND	2	0.345
Vanadium	08/31/98	43.5	370	0.115
Zinc	08/31/98	116	1500	0.115

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3805.08
Sample Received:08/12/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-200, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	08/31/98	10500	NLE	1.090
Antimony	08/31/98	0.350	14	0.218
Arsenic	08/31/98	8.59	20	0.218
Barium	08/31/98	147	700	0.054
Beryllium	08/31/98	0.743	1	0.054
Cadmium	08/31/98	0.543	1	0.054
Calcium	08/31/98	1390	NLE	2.179
Chromium	08/31/98	25.8	NLE	0.054
Cobalt	08/31/98	7.57	NLE	0.054
Copper	08/31/98	38.6	600	0.327
Iron	08/31/98	15300	NLE	1.090
Lead	08/31/98	37.6	100	0.218
Magnesium	08/31/98	900	NLE	2.179
Manganese	08/31/98	126	NLE	0.054
Mercury	08/20/98	0.044	14	0.023
Nickel	08/31/98	19.6	250	0.054
Potassium	08/31/98	3580	NLE	2.179
Selenium	08/31/98	ND	63	0.327
Silver	08/31/98	ND	110	0.327
Sodium	08/31/98	485	NLE	2.179
Thallium	08/31/98	ND	2	0.327
Vanadium	08/31/98	30.9	370	0.109
Zinc	08/31/98	80.2	1500	0.109

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3805.10
Sample Received:08/12/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-201, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	08/31/98	5920	NLE	1.287
Antimony	08/31/98	0.617	14	0.257
Arsenic	08/31/98	5.50	20	0.257
Barium	08/31/98	84.6	700	0.064
Beryllium	08/31/98	0.920	1	0.064
Cadmium	08/31/98	0.929	1	0.064
Calcium	08/31/98	1500	NLE	2.573
Chromium	08/31/98	37.8	NLE	0.064
Cobalt	08/31/98	5.81	NLE	0.064
Copper	08/31/98	47.3	600	0.386
Iron	08/31/98	12600	NLE	1.287
Lead	08/31/98	62.8	100	0.257
Magnesium	08/31/98	1430	NLE	2.573
Manganese	08/31/98	332	NLE	0.064
Mercury	08/20/98	0.391	14	0.027
Nickel	08/31/98	10.5	250	0.064
Potassium	08/31/98	3670	NLE	2.573
Selenium	08/31/98	ND	63	0.386
Silver	08/31/98	ND	110	0.386
Sodium	08/31/98	526	NLE	2.573
Thallium	08/31/98	ND	2	0.386
Vanadium	08/31/98	25.3	370	0.129
Zinc	08/31/98	514	1500	0.129

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3805.12
Sample Received:08/12/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-202, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	08/31/98	5990	NLE	1.172
Antimony	08/31/98	0.751	14	0.234
Arsenic	08/31/98	7.11	20	0.234
Barium	08/31/98	113	700	0.059
Beryllium	08/31/98	0.580	1	0.059
Cadmium	08/31/98	ND	1	0.059
Calcium	08/31/98	455	NLE	2.343
Chromium	08/31/98	49.8	NLE	0.059
Cobalt	08/31/98	1.98	NLE	0.059
Copper	08/31/98	77.4	600	0.352
Iron	08/31/98	23300	NLE	1.172
Lead	08/31/98	268	100	0.234
Magnesium	08/31/98	1680	NLE	2.343
Manganese	08/31/98	39.1	NLE	0.059
Mercury	08/20/98	0.115	14	0.022
Nickel	08/31/98	5.95	250	0.059
Potassium	08/31/98	3720	NLE	2.343
Selenium	08/31/98	ND	63	0.352
Silver	08/31/98	ND	110	0.352
Sodium	08/31/98	566	NLE	2.343
Thallium	08/31/98	0.498	2	0.352
Vanadium	08/31/98	31.2	370	0.117
Zinc	08/31/98	38.1	1500	0.117

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3805.14
Sample Received:08/12/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-203, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	08/31/98	6500	NLE	1.172
Antimony	08/31/98	0.359	14	0.234
Arsenic	08/31/98	6.34	20	0.234
Barium	08/31/98	25.5	700	0.059
Beryllium	08/31/98	0.428	1	0.059
Cadmium	08/31/98	ND	1	0.059
Calcium	08/31/98	2470	NLE	2.345
Chromium	08/31/98	36.0	NLE	0.059
Cobalt	08/31/98	4.27	NLE	0.059
Copper	08/31/98	36.4	600	0.352
Iron	08/31/98	14600	NLE	1.172
Lead	08/31/98	23.8	100	0.234
Magnesium	08/31/98	2450	NLE	2.345
Manganese	08/31/98	83.9	NLE	0.059
Mercury	08/20/98	0.602	14	0.021
Nickel	08/31/98	11.0	250	0.059
Potassium	08/31/98	3560	NLE	2.345
Selenium	08/31/98	ND	63	0.352
Silver	08/31/98	ND	110	0.352
Sodium	08/31/98	411	NLE	2.345
Thallium	08/31/98	ND	2	0.352
Vanadium	08/31/98	36.7	370	0.117
Zinc	08/31/98	39.2	1500	0.117

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3805.16
Sample Received:08/12/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-204, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	08/31/98	3940	NLE	1.248
Antimony	08/31/98	ND	14	0.250
Arsenic	08/31/98	5.27	20	0.250
Barium	08/31/98	35.5	700	0.062
Beryllium	08/31/98	0.389	1	0.062
Cadmium	08/31/98	ND	1	0.062
Calcium	08/31/98	1100	NLE	2.497
Chromium	08/31/98	19.8	NLE	0.062
Cobalt	08/31/98	4.61	NLE	0.062
Copper	08/31/98	35.0	600	0.375
Iron	08/31/98	8620	NLE	1.248
Lead	08/31/98	35.0	100	0.250
Magnesium	08/31/98	630	NLE	2.497
Manganese	08/31/98	61.8	NLE	0.062
Mercury	08/20/98	0.064	14	0.019
Nickel	08/31/98	8.78	250	0.062
Potassium	08/31/98	1470	NLE	2.497
Selenium	08/31/98	ND	63	0.375
Silver	08/31/98	ND	110	0.375
Sodium	08/31/98	207	NLE	2.497
Thallium	08/31/98	ND	2	0.375
Vanadium	08/31/98	22.9	370	0.125
Zinc	08/31/98	29.2	1500	0.125

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3805.18
Sample Received:08/12/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-205, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	08/31/98	4920	NLE	1.226
Antimony	08/31/98	ND	14	0.245
Arsenic	08/31/98	7.61	20	0.245
Barium	08/31/98	61.6	700	0.061
Beryllium	08/31/98	0.354	1	0.061
Cadmium	08/31/98	ND	1	0.061
Calcium	08/31/98	1010	NLE	2.453
Chromium	08/31/98	12.9	NLE	0.061
Cobalt	08/31/98	4.80	NLE	0.061
Copper	08/31/98	18.1	600	0.368
Iron	08/31/98	5100	NLE	1.226
Lead	08/31/98	28.6	100	0.245
Magnesium	08/31/98	342	NLE	2.453
Manganese	08/31/98	21.1	NLE	0.061
Mercury	08/20/98	ND	14	0.035
Nickel	08/31/98	14.5	250	0.061
Potassium	08/31/98	989	NLE	2.453
Selenium	08/31/98	1.24	63	0.368
Silver	08/31/98	ND	110	0.368
Sodium	08/31/98	339	NLE	2.453
Thallium	08/31/98	ND	2	0.368
Vanadium	08/31/98	23.7	370	0.123
Zinc	08/31/98	27.2	1500	0.123

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3805.20
Sample Received:08/12/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-206, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	08/31/98	12300	NLE	1.273
Antimony	08/31/98	ND	14	0.255
Arsenic	08/31/98	8.46	20	0.255
Barium	08/31/98	99.6	700	0.064
Beryllium	08/31/98	0.985	1	0.064
Cadmium	08/31/98	ND	1	0.064
Calcium	08/31/98	1270	NLE	2.546
Chromium	08/31/98	26.4	NLE	0.064
Cobalt	08/31/98	9.39	NLE	0.064
Copper	08/31/98	110	600	0.382
Iron	08/31/98	10200	NLE	1.273
Lead	08/31/98	39.9	100	0.255
Magnesium	08/31/98	540	NLE	2.546
Manganese	08/31/98	63.2	NLE	0.064
Mercury	08/20/98	ND	14	0.034
Nickel	08/31/98	24.5	250	0.064
Potassium	08/31/98	2280	NLE	2.546
Selenium	08/31/98	ND	63	0.382
Silver	08/31/98	ND	110	0.382
Sodium	08/31/98	460	NLE	2.546
Thallium	08/31/98	ND	2	0.382
Vanadium	08/31/98	31.5	370	0.127
Zinc	08/31/98	31.8	1500	0.127

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3805.22
Sample Received:08/12/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-207, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	08/31/98	3020	NLE	1.133
Antimony	08/31/98	0.411	14	0.227
Arsenic	08/31/98	6.07	20	0.227
Barium	08/31/98	22.3	700	0.057
Beryllium	08/31/98	0.288	1	0.057
Cadmium	08/31/98	ND	1	0.057
Calcium	08/31/98	670	NLE	2.266
Chromium	08/31/98	18.4	NLE	0.057
Cobalt	08/31/98	3.91	NLE	0.057
Copper	08/31/98	31.8	600	0.340
Iron	08/31/98	15100	NLE	1.133
Lead	08/31/98	12.6	100	0.227
Magnesium	08/31/98	329	NLE	2.266
Manganese	08/31/98	65.6	NLE	0.057
Mercury	08/20/98	0.047	14	0.018
Nickel	08/31/98	11.9	250	0.057
Potassium	08/31/98	852	NLE	2.266
Selenium	08/31/98	0.606	63	0.340
Silver	08/31/98	ND	110	0.340
Sodium	08/31/98	252	NLE	2.266
Thallium	08/31/98	ND	2	0.340
Vanadium	08/31/98	17.1	370	0.113
Zinc	08/31/98	165	1500	0.113

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3805.24
Sample Received:08/12/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-208, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	08/31/98	3420	NLE	1.396
Antimony	08/31/98	0.737	14	0.279
Arsenic	08/31/98	10.7	20	0.279
Barium	08/31/98	71.1	700	0.070
Beryllium	08/31/98	0.525	1	0.070
Cadmium	08/31/98	ND	1	0.070
Calcium	08/31/98	714	NLE	2.792
Chromium	08/31/98	32.0	NLE	0.070
Cobalt	08/31/98	2.42	NLE	0.070
Copper	08/31/98	58.0	600	0.419
Iron	08/31/98	14800	NLE	1.396
Lead	08/31/98	135	100	0.279
Magnesium	08/31/98	995	NLE	2.792
Manganese	08/31/98	36.2	NLE	0.070
Mercury	08/20/98	0.075	14	0.029
Nickel	08/31/98	7.99	250	0.070
Potassium	08/31/98	3150	NLE	2.792
Selenium	08/31/98	ND	63	0.419
Silver	08/31/98	ND	110	0.419
Sodium	08/31/98	404	NLE	2.792
Thallium	08/31/98	0.505	2	0.419
Vanadium	08/31/98	21.1	370	0.140
Zinc	08/31/98	48.9	1500	0.140

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3805.26
Sample Received:08/12/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-209, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	08/31/98	6840	NLE	0.940
Antimony	08/31/98	0.870	14	0.188
Arsenic	08/31/98	8.17	20	0.188
Barium	08/31/98	59.7	700	0.047
Beryllium	08/31/98	0.671	1	0.047
Cadmium	08/31/98	ND	1	0.047
Calcium	08/31/98	1740	NLE	1.880
Chromium	08/31/98	43.7	NLE	0.047
Cobalt	08/31/98	3.08	NLE	0.047
Copper	08/31/98	36.6	600	0.282
Iron	08/31/98	18600	NLE	0.940
Lead	08/31/98	289	100	0.188
Magnesium	08/31/98	1800	NLE	1.880
Manganese	08/31/98	72.7	NLE	0.047
Mercury	08/20/98	0.072	14	0.026
Nickel	08/31/98	10.4	250	0.047
Potassium	08/31/98	2920	NLE	1.880
Selenium	08/31/98	ND	63	0.282
Silver	08/31/98	ND	110	0.282
Sodium	08/31/98	294	NLE	1.880
Thallium	08/31/98	ND	2	0.282
Vanadium	08/31/98	38.1	370	0.094
Zinc	08/31/98	197	1500	0.094

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3805.28
Sample Received:08/12/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-210, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	08/31/98	5330	NLE	1.104
Antimony	08/31/98	0.665	14	0.221
Arsenic	08/31/98	9.51	20	0.221
Barium	08/31/98	43.6	700	0.055
Beryllium	08/31/98	0.525	1	0.055
Cadmium	08/31/98	ND	1	0.055
Calcium	08/31/98	2000	NLE	2.207
Chromium	08/31/98	36.8	NLE	0.055
Cobalt	08/31/98	2.66	NLE	0.055
Copper	08/31/98	26.3	600	0.331
Iron	08/31/98	15500	NLE	1.104
Lead	08/31/98	73.8	100	0.221
Magnesium	08/31/98	1850	NLE	2.207
Manganese	08/31/98	73.2	NLE	0.055
Mercury	08/20/98	0.036	14	0.029
Nickel	08/31/98	7.49	250	0.055
Potassium	08/31/98	3840	NLE	2.207
Selenium	08/31/98	ND	63	0.331
Silver	08/31/98	ND	110	0.331
Sodium	08/31/98	327	NLE	2.207
Thallium	08/31/98	ND	2	0.331
Vanadium	08/31/98	32.7	370	0.110
Zinc	08/31/98	48.0	1500	0.110

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3805.30
Sample Received:08/12/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-211, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	08/31/98	958	NLE	1.143
Antimony	08/31/98	ND	14	0.229
Arsenic	08/31/98	1.23	20	0.229
Barium	08/31/98	129	700	0.057
Beryllium	08/31/98	0.0934	1	0.057
Cadmium	08/31/98	ND	1	0.057
Calcium	08/31/98	405	NLE	2.286
Chromium	08/31/98	2.75	NLE	0.057
Cobalt	08/31/98	1.56	NLE	0.057
Copper	08/31/98	12.1	600	0.343
Iron	08/31/98	2220	NLE	1.143
Lead	08/31/98	7.32	100	0.229
Magnesium	08/31/98	136	NLE	2.286
Manganese	08/31/98	25.5	NLE	0.057
Mercury	08/20/98	ND	14	0.020
Nickel	08/31/98	3.63	250	0.057
Potassium	08/31/98	248	NLE	2.286
Selenium	08/31/98	ND	63	0.343
Silver	08/31/98	ND	110	0.343
Sodium	08/31/98	159	NLE	2.286
Thallium	08/31/98	0.422	2	0.343
Vanadium	08/31/98	5.82	370	0.114
Zinc	08/31/98	11.7	1500	0.114

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3809.02
Sample Received:08/13/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-212, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	08/31/98	3050	NLE	1.243
Antimony	08/31/98	ND	14	0.249
Arsenic	08/31/98	9.00	20	0.249
Barium	08/31/98	55.3	700	0.062
Beryllium	08/31/98	0.423	1	0.062
Cadmium	08/31/98	ND	1	0.062
Calcium	08/31/98	1440	NLE	2.487
Chromium	08/31/98	5.38	NLE	0.062
Cobalt	08/31/98	2.47	NLE	0.062
Copper	08/31/98	14.6	600	0.373
Iron	08/31/98	5180	NLE	1.243
Lead	08/31/98	25.3	100	0.249
Magnesium	08/31/98	316	NLE	2.487
Manganese	08/31/98	23.1	NLE	0.062
Mercury	08/20/98	0.041	14	0.041
Nickel	08/31/98	5.30	250	0.062
Potassium	08/31/98	369	NLE	2.487
Selenium	08/31/98	ND	63	0.373
Silver	08/31/98	ND	110	0.373
Sodium	08/31/98	349	NLE	2.487
Thallium	08/31/98	0.437	2	0.373
Vanadium	08/31/98	11.2	370	0.124
Zinc	08/31/98	22.3	1500	0.124

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3809.04
Sample Received:08/13/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-213, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	08/31/98	3690	NLE	1.372
Antimony	08/31/98	0.466	14	0.274
Arsenic	08/31/98	10.5	20	0.274
Barium	08/31/98	70.3	700	0.069
Beryllium	08/31/98	0.492	1	0.069
Cadmium	08/31/98	ND	1	0.069
Calcium	08/31/98	777	NLE	2.743
Chromium	08/31/98	26.1	NLE	0.069
Cobalt	08/31/98	2.82	NLE	0.069
Copper	08/31/98	33.1	600	0.411
Iron	08/31/98	16000	NLE	1.372
Lead	08/31/98	146	100	0.274
Magnesium	08/31/98	918	NLE	2.743
Manganese	08/31/98	105	NLE	0.069
Mercury	08/20/98	0.645	14	0.027
Nickel	08/31/98	11.0	250	0.069
Potassium	08/31/98	2690	NLE	2.743
Selenium	08/31/98	0.618	63	0.411
Silver	08/31/98	ND	110	0.411
Sodium	08/31/98	412	NLE	2.743
Thallium	08/31/98	ND	2	0.411
Vanadium	08/31/98	21.5	370	0.137
Zinc	08/31/98	178	1500	0.137

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3809.06
Sample Received:08/13/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-214, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	08/31/98	6270	NLE	1.103
Antimony	08/31/98	1.24	14	0.221
Arsenic	08/31/98	10.9	20	0.221
Barium	08/31/98	42.5	700	0.055
Beryllium	08/31/98	0.591	1	0.055
Cadmium	08/31/98	ND	1	0.055
Calcium	08/31/98	320	NLE	2.206
Chromium	08/31/98	67.3	NLE	0.055
Cobalt	08/31/98	0.937	NLE	0.055
Copper	08/31/98	7.75	600	0.331
Iron	08/31/98	36000	NLE	1.103
Lead	08/31/98	20.2	100	0.221
Magnesium	08/31/98	2080	NLE	2.206
Manganese	08/31/98	13.0	NLE	0.055
Mercury	08/20/98	0.244	14	0.027
Nickel	08/31/98	4.41	250	0.055
Potassium	08/31/98	4850	NLE	2.206
Selenium	08/31/98	ND	63	0.331
Silver	08/31/98	ND	110	0.331
Sodium	08/31/98	650	NLE	2.206
Thallium	08/31/98	0.564	2	0.331
Vanadium	08/31/98	38.4	370	0.110
Zinc	08/31/98	27.8	1500	0.110

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3809.08
Sample Received:08/13/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-215, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	08/31/98	7680	NLE	1.140
Antimony	08/31/98	0.827	14	0.228
Arsenic	08/31/98	6.37	20	0.228
Barium	08/31/98	28.8	700	0.057
Beryllium	08/31/98	0.885	1	0.057
Cadmium	08/31/98	ND	1	0.057
Calcium	08/31/98	747	NLE	2.280
Chromium	08/31/98	78.2	NLE	0.057
Cobalt	08/31/98	1.07	NLE	0.057
Copper	08/31/98	4.39	600	0.342
Iron	08/31/98	24600	NLE	1.140
Lead	08/31/98	11.8	100	0.228
Magnesium	08/31/98	2350	NLE	2.280
Manganese	08/31/98	31.9	NLE	0.057
Mercury	08/20/98	0.061	14	0.026
Nickel	08/31/98	4.35	250	0.057
Potassium	08/31/98	4890	NLE	2.280
Selenium	08/31/98	ND	63	0.342
Silver	08/31/98	ND	110	0.342
Sodium	08/31/98	132	NLE	2.280
Thallium	08/31/98	0.531	2	0.342
Vanadium	08/31/98	48.5	370	0.114
Zinc	08/31/98	43.1	1500	0.114

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3809.10
Sample Received:08/13/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-216, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	08/31/98	10900	NLE	1.039
Antimony	08/31/98	1.70	14	0.208
Arsenic	08/31/98	18.5	20	0.208
Barium	08/31/98	9.95	700	0.052
Beryllium	08/31/98	1.27	1	0.052
Cadmium	08/31/98	ND	1	0.052
Calcium	08/31/98	511	NLE	2.077
Chromium	08/31/98	122	NLE	0.052
Cobalt	08/31/98	0.799	NLE	0.052
Copper	08/31/98	3.87	600	0.312
Iron	08/31/98	36400	NLE	1.039
Lead	08/31/98	12.6	100	0.208
Magnesium	08/31/98	3600	NLE	2.077
Manganese	08/31/98	26.6	NLE	0.052
Mercury	08/20/98	0.042	14	0.023
Nickel	08/31/98	4.77	250	0.052
Potassium	08/31/98	6900	NLE	2.077
Selenium	08/31/98	ND	63	0.312
Silver	08/31/98	ND	110	0.312
Sodium	08/31/98	101	NLE	2.077
Thallium	08/31/98	0.738	2	0.312
Vanadium	08/31/98	45.5	370	0.104
Zinc	08/31/98	34.0	1500	0.104

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3809.12
Sample Received:08/13/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-217, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	08/31/98	8370	NLE	1.143
Antimony	08/31/98	ND	14	0.229
Arsenic	08/31/98	5.26	20	0.229
Barium	08/31/98	25.0	700	0.057
Beryllium	08/31/98	0.422	1	0.057
Cadmium	08/31/98	ND	1	0.057
Calcium	08/31/98	774	NLE	2.286
Chromium	08/31/98	28.8	NLE	0.057
Cobalt	08/31/98	1.68	NLE	0.057
Copper	08/31/98	4.41	600	0.343
Iron	08/31/98	11900	NLE	1.143
Lead	08/31/98	23.4	100	0.229
Magnesium	08/31/98	1120	NLE	2.286
Manganese	08/31/98	48.9	NLE	0.057
Mercury	08/20/98	0.095	14	0.028
Nickel	08/31/98	4.55	250	0.057
Potassium	08/31/98	3200	NLE	2.286
Selenium	08/31/98	ND	63	0.343
Silver	08/31/98	ND	110	0.343
Sodium	08/31/98	95.2	NLE	2.286
Thallium	08/31/98	ND	2	0.343
Vanadium	08/31/98	24.2	370	0.114
Zinc	08/31/98	28.6	1500	0.114

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3809.14
Sample Received:08/13/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-218, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	08/31/98	2150	NLE	0.945
Antimony	08/31/98	ND	14	0.189
Arsenic	08/31/98	5.78	20	0.189
Barium	08/31/98	24.4	700	0.047
Beryllium	08/31/98	0.227	1	0.047
Cadmium	08/31/98	ND	1	0.047
Calcium	08/31/98	901	NLE	1.890
Chromium	08/31/98	12.9	NLE	0.047
Cobalt	08/31/98	1.77	NLE	0.047
Copper	08/31/98	24.9	600	0.284
Iron	08/31/98	6370	NLE	0.945
Lead	08/31/98	54.3	100	0.189
Magnesium	08/31/98	443	NLE	1.890
Manganese	08/31/98	30.0	NLE	0.047
Mercury	08/20/98	0.159	14	0.030
Nickel	08/31/98	4.61	250	0.047
Potassium	08/31/98	882	NLE	1.890
Selenium	08/31/98	0.582	63	0.284
Silver	08/31/98	ND	110	0.284
Sodium	08/31/98	142	NLE	1.890
Thallium	08/31/98	0.348	2	0.284
Vanadium	08/31/98	16.0	370	0.095
Zinc	08/31/98	30.6	1500	0.095

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3809.16
Sample Received:08/13/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-219, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	08/31/98	3880	NLE	1.195
Antimony	08/31/98	0.285	14	0.239
Arsenic	08/31/98	7.42	20	0.239
Barium	08/31/98	98.9	700	0.060
Beryllium	08/31/98	0.804	1	0.060
Cadmium	08/31/98	0.115	1	0.060
Calcium	08/31/98	1700	NLE	2.391
Chromium	08/31/98	21.4	NLE	0.060
Cobalt	08/31/98	2.73	NLE	0.060
Copper	08/31/98	30.3	600	0.359
Iron	08/31/98	10700	NLE	1.195
Lead	08/31/98	117	100	0.239
Magnesium	08/31/98	2390	NLE	2.391
Manganese	08/31/98	103	NLE	0.060
Mercury	08/20/98	0.236	14	0.026
Nickel	08/31/98	6.11	250	0.060
Potassium	08/31/98	2270	NLE	2.391
Selenium	08/31/98	ND	63	0.359
Silver	08/31/98	ND	110	0.359
Sodium	08/31/98	491	NLE	2.391
Thallium	08/31/98	ND	2	0.359
Vanadium	08/31/98	20.5	370	0.120
Zinc	08/31/98	67.3	1500	0.120

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3809.18
Sample Received:08/13/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-220, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	08/31/98	4400	NLE	1.050
Antimony	08/31/98	0.763	14	0.210
Arsenic	08/31/98	10.0	20	0.210
Barium	08/31/98	70.6	700	0.053
Beryllium	08/31/98	0.534	1	0.053
Cadmium	08/31/98	ND	1	0.053
Calcium	08/31/98	983	NLE	2.101
Chromium	08/31/98	37.5	NLE	0.053
Cobalt	08/31/98	2.52	NLE	0.053
Copper	08/31/98	29.8	600	0.315
Iron	08/31/98	19400	NLE	1.050
Lead	08/31/98	122	100	0.210
Magnesium	08/31/98	1440	NLE	2.101
Manganese	08/31/98	49.5	NLE	0.053
Mercury	08/20/98	2.341	14	0.130
Nickel	08/31/98	6.60	250	0.053
Potassium	08/31/98	4340	NLE	2.101
Selenium	08/31/98	ND	63	0.315
Silver	08/31/98	ND	110	0.315
Sodium	08/31/98	386	NLE	2.101
Thallium	08/31/98	0.540	2	0.315
Vanadium	08/31/98	28.3	370	0.105
Zinc	08/31/98	57.2	1500	0.105

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3809.20
Sample Received:08/13/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-221, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	08/31/98	7220	NLE	1.202
Antimony	08/31/98	1.38	14	0.240
Arsenic	08/31/98	9.59	20	0.240
Barium	08/31/98	55.2	700	0.060
Beryllium	08/31/98	1.10	1	0.060
Cadmium	08/31/98	ND	1	0.060
Calcium	08/31/98	654	NLE	2.403
Chromium	08/31/98	74.3	NLE	0.060
Cobalt	08/31/98	1.09	NLE	0.060
Copper	08/31/98	32.9	600	0.360
Iron	08/31/98	28900	NLE	1.202
Lead	08/31/98	137	100	0.240
Magnesium	08/31/98	2280	NLE	2.403
Manganese	08/31/98	20.7	NLE	0.060
Mercury	08/20/98	0.392	14	0.035
Nickel	08/31/98	5.86	250	0.060
Potassium	08/31/98	4950	NLE	2.403
Selenium	08/31/98	ND	63	0.360
Silver	08/31/98	ND	110	0.360
Sodium	08/31/98	723	NLE	2.403
Thallium	08/31/98	ND	2	0.360
Vanadium	08/31/98	34.4	370	0.120
Zinc	08/31/98	62.0	1500	0.120

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3809.22
Sample Received:08/13/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-222, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	08/31/98	6310	NLE	1.173
Antimony	08/31/98	0.483	14	0.235
Arsenic	08/31/98	10.2	20	0.235
Barium	08/31/98	26.0	700	0.059
Beryllium	08/31/98	0.446	1	0.059
Cadmium	08/31/98	ND	1	0.059
Calcium	08/31/98	314	NLE	2.347
Chromium	08/31/98	69.0	NLE	0.059
Cobalt	08/31/98	1.08	NLE	0.059
Copper	08/31/98	4.04	600	0.352
Iron	08/31/98	17800	NLE	1.173
Lead	08/31/98	12.9	100	0.235
Magnesium	08/31/98	1680	NLE	2.347
Manganese	08/31/98	12.9	NLE	0.059
Mercury	08/20/98	0.197	14	0.033
Nickel	08/31/98	4.76	250	0.059
Potassium	08/31/98	5820	NLE	2.347
Selenium	08/31/98	0.353	63	0.352
Silver	08/31/98	ND	110	0.352
Sodium	08/31/98	572	NLE	2.347
Thallium	08/31/98	0.527	2	0.352
Vanadium	08/31/98	38.7	370	0.117
Zinc	08/31/98	25.8	1500	0.117

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3812.02
Sample Received:08/14/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-223, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	08/31/98	8000	NLE	1.116
Antimony	08/31/98	0.759	14	0.223
Arsenic	08/31/98	8.04	20	0.223
Barium	08/31/98	40.3	700	0.056
Beryllium	08/31/98	0.764	1	0.056
Cadmium	08/31/98	ND	1	0.056
Calcium	08/31/98	1210	NLE	2.233
Chromium	08/31/98	60.4	NLE	0.056
Cobalt	08/31/98	2.47	NLE	0.056
Copper	08/31/98	22.0	600	0.335
Iron	08/31/98	21500	NLE	1.116
Lead	08/31/98	67.7	100	0.223
Magnesium	08/31/98	2160	NLE	2.233
Manganese	08/31/98	69.5	NLE	0.056
Mercury	08/31/98	0.096	14	0.019
Nickel	08/31/98	8.15	250	0.056
Potassium	08/31/98	4300	NLE	2.233
Selenium	08/31/98	ND	63	0.335
Silver	08/31/98	ND	110	0.335
Sodium	08/31/98	168	NLE	2.233
Thallium	08/31/98	ND	2	0.335
Vanadium	08/31/98	41.8	370	0.112
Zinc	08/31/98	79.5	1500	0.112

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3812.04
Sample Received:08/14/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-224, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	08/31/98	8920	NLE	1.001
Antimony	08/31/98	ND	14	0.200
Arsenic	08/31/98	4.76	20	0.200
Barium	08/31/98	25.7	700	0.050
Beryllium	08/31/98	0.399	1	0.050
Cadmium	08/31/98	ND	1	0.050
Calcium	08/31/98	606	NLE	2.003
Chromium	08/31/98	27.1	NLE	0.050
Cobalt	08/31/98	1.60	NLE	0.050
Copper	08/31/98	3.70	600	0.300
Iron	08/31/98	11300	NLE	1.001
Lead	08/31/98	15.3	100	0.200
Magnesium	08/31/98	1040	NLE	2.003
Manganese	08/31/98	46.6	NLE	0.050
Mercury	08/31/98	0.351	14	0.017
Nickel	08/31/98	4.31	250	0.050
Potassium	08/31/98	3180	NLE	2.003
Selenium	08/31/98	ND	63	0.300
Silver	08/31/98	ND	110	0.300
Sodium	08/31/98	94.2	NLE	2.003
Thallium	08/31/98	ND	2	0.300
Vanadium	08/31/98	23.5	370	0.100
Zinc	08/31/98	22.5	1500	0.100

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3812.06
Sample Received:08/14/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-225, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	08/31/98	3360	NLE	1.084
Antimony	08/31/98	0.444	14	0.217
Arsenic	08/31/98	6.16	20	0.217
Barium	08/31/98	28.3	700	0.054
Beryllium	08/31/98	0.336	1	0.054
Cadmium	08/31/98	ND	1	0.054
Calcium	08/31/98	631	NLE	2.169
Chromium	08/31/98	22.4	NLE	0.054
Cobalt	08/31/98	1.47	NLE	0.054
Copper	08/31/98	23.1	600	0.325
Iron	08/31/98	10800	NLE	1.084
Lead	08/31/98	81.2	100	0.217
Magnesium	08/31/98	748	NLE	2.169
Manganese	08/31/98	29.2	NLE	0.054
Mercury	08/31/98	0.301	14	0.022
Nickel	08/31/98	5.43	250	0.054
Potassium	08/31/98	1920	NLE	2.169
Selenium	08/31/98	ND	63	0.325
Silver	08/31/98	ND	110	0.325
Sodium	08/31/98	262	NLE	2.169
Thallium	08/31/98	0.457	2	0.325
Vanadium	08/31/98	23.1	370	0.108
Zinc	08/31/98	48.0	1500	0.108

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3812.08
Sample Received:08/14/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-226, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	08/31/98	5370	NLE	1.185
Antimony	08/31/98	0.648	14	0.237
Arsenic	08/31/98	7.70	20	0.237
Barium	08/31/98	47.9	700	0.059
Beryllium	08/31/98	0.719	1	0.059
Cadmium	08/31/98	ND	1	0.059
Calcium	08/31/98	1020	NLE	2.370
Chromium	08/31/98	44.1	NLE	0.059
Cobalt	08/31/98	2.10	NLE	0.059
Copper	08/31/98	32.9	600	0.355
Iron	08/31/98	18800	NLE	1.185
Lead	08/31/98	111	100	0.237
Magnesium	08/31/98	1470	NLE	2.370
Manganese	08/31/98	40.0	NLE	0.059
Mercury	08/31/98	0.283	14	0.022
Nickel	08/31/98	7.43	250	0.059
Potassium	08/31/98	4750	NLE	2.370
Selenium	08/31/98	ND	63	0.355
Silver	08/31/98	ND	110	0.355
Sodium	08/31/98	448	NLE	2.370
Thallium	08/31/98	0.457	2	0.355
Vanadium	08/31/98	28.9	370	0.118
Zinc	08/31/98	50.3	1500	0.118

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3812.10
Sample Received:08/14/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-227, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	08/31/98	6730	NLE	1.098
Antimony	08/31/98		14	0.220
Arsenic	08/31/98	6.64	20	0.220
Barium	08/31/98	38.5	700	0.055
Beryllium	08/31/98	0.916	1	0.055
Cadmium	08/31/98	ND	1	0.055
Calcium	08/31/98	519	NLE	2.197
Chromium	08/31/98	73.2	NLE	0.055
Cobalt	08/31/98	0.940	NLE	0.055
Copper	08/31/98	8.81	600	0.329
Iron	08/31/98	25700	NLE	1.098
Lead	08/31/98	21.4	100	0.220
Magnesium	08/31/98	2690	NLE	2.197
Manganese	08/31/98	11.5	NLE	0.055
Mercury	08/31/98	0.198	14	0.024
Nickel	08/31/98	4.49	250	0.055
Potassium	08/31/98	5430	NLE	2.197
Selenium	08/31/98	ND	63	0.329
Silver	08/31/98	ND	110	0.329
Sodium	08/31/98	483	NLE	2.197
Thallium	08/31/98	0.898	2	0.329
Vanadium	08/31/98	24.8	370	0.110
Zinc	08/31/98	34.3	1500	0.110

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3812.12
Sample Received:08/14/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-228, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	08/31/98	8520	NLE	1.120
Antimony	08/31/98	1.17	14	0.224
Arsenic	08/31/98	8.79	20	0.224
Barium	08/31/98	39.9	700	0.056
Beryllium	08/31/98	1.43	1	0.056
Cadmium	08/31/98	ND	1	0.056
Calcium	08/31/98	395	NLE	2.239
Chromium	08/31/98	92.1	NLE	0.056
Cobalt	08/31/98	1.42	NLE	0.056
Copper	08/31/98	5.93	600	0.336
Iron	08/31/98	30100	NLE	1.120
Lead	08/31/98	23.9	100	0.224
Magnesium	08/31/98	2940	NLE	2.239
Manganese	08/31/98	26.8	NLE	0.056
Mercury	08/31/98	0.212	14	0.025
Nickel	08/31/98	5.39	250	0.056
Potassium	08/31/98	6580	NLE	2.239
Selenium	08/31/98	ND	63	0.336
Silver	08/31/98	ND	110	0.336
Sodium	08/31/98	315	NLE	2.239
Thallium	08/31/98	0.567	2	0.336
Vanadium	08/31/98	32.1	370	0.112
Zinc	08/31/98	50.8	1500	0.112

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3812.14
Sample Received:08/14/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-229, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	08/31/98	4570	NLE	1.145
Antimony	08/31/98	1.06	14	0.229
Arsenic	08/31/98	11.0	20	0.229
Barium	08/31/98	31.5	700	0.057
Beryllium	08/31/98	0.514	1	0.057
Cadmium	08/31/98	ND	1	0.057
Calcium	08/31/98	344	NLE	2.290
Chromium	08/31/98	51.5	NLE	0.057
Cobalt	08/31/98	0.718	NLE	0.057
Copper	08/31/98	17.7	600	0.344
Iron	08/31/98	30800	NLE	1.145
Lead	08/31/98	18.8	100	0.229
Magnesium	08/31/98	1530	NLE	2.290
Manganese	08/31/98	10.5	NLE	0.057
Mercury	08/31/98	0.182	14	0.022
Nickel	08/31/98	3.49	250	0.057
Potassium	08/31/98	3610	NLE	2.290
Selenium	08/31/98	ND	63	0.344
Silver	08/31/98	ND	110	0.344
Sodium	08/31/98	565	NLE	2.290
Thallium	08/31/98	0.690	2	0.344
Vanadium	08/31/98	34.0	370	0.115
Zinc	08/31/98	43.5	1500	0.115

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3812.16
Sample Received:08/14/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-230, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	08/31/98	6620	NLE	0.964
Antimony	08/31/98	0.918	14	0.193
Arsenic	08/31/98	9.13	20	0.193
Barium	08/31/98	19.0	700	0.048
Beryllium	08/31/98	0.723	1	0.048
Cadmium	08/31/98	ND	1	0.048
Calcium	08/31/98	420	NLE	1.928
Chromium	08/31/98	62.7	NLE	0.048
Cobalt	08/31/98	1.55	NLE	0.048
Copper	08/31/98	11.6	600	0.289
Iron	08/31/98	20200	NLE	0.964
Lead	08/31/98	36.3	100	0.193
Magnesium	08/31/98	1890	NLE	1.928
Manganese	08/31/98	45.2	NLE	0.048
Mercury	08/31/98	0.067	14	0.022
Nickel	08/31/98	5.19	250	0.048
Potassium	08/31/98	3780	NLE	1.928
Selenium	08/31/98	ND	63	0.289
Silver	08/31/98	ND	110	0.289
Sodium	08/31/98	135	NLE	1.928
Thallium	08/31/98	ND	2	0.289
Vanadium	08/31/98	42.3	370	0.096
Zinc	08/31/98	32.1	1500	0.096

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3812.18
Sample Received:08/14/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-231, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	08/31/98	7420	NLE	1.058
Antimony	08/31/98	1.12	14	0.212
Arsenic	08/31/98	7.76	20	0.212
Barium	08/31/98	31.0	700	0.053
Beryllium	08/31/98	0.786	1	0.053
Cadmium	08/31/98	ND	1	0.053
Calcium	08/31/98	786	NLE	2.116
Chromium	08/31/98	59.1	NLE	0.053
Cobalt	08/31/98	2.61	NLE	0.053
Copper	08/31/98	12.9	600	0.317
Iron	08/31/98	26600	NLE	1.058
Lead	08/31/98	47.5	100	0.212
Magnesium	08/31/98	1430	NLE	2.116
Manganese	08/31/98	45.2	NLE	0.053
Mercury	08/31/98	0.078	14	0.018
Nickel	08/31/98	9.07	250	0.053
Potassium	08/31/98	5360	NLE	2.116
Selenium	08/31/98	ND	63	0.317
Silver	08/31/98	ND	110	0.317
Sodium	08/31/98	241	NLE	2.116
Thallium	08/31/98	0.429	2	0.317
Vanadium	08/31/98	60.8	370	0.106
Zinc	08/31/98	36.3	1500	0.106

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3827.02
Sample Received:08/25/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-232, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	08/31/98	7250	NLE	1.198
Antimony	08/31/98	1.28	14	0.240
Arsenic	08/31/98	9.52	20	0.240
Barium	08/31/98	45.3	700	0.060
Beryllium	08/31/98	0.958	1	0.060
Cadmium	08/31/98	ND	1	0.060
Calcium	08/31/98	862	NLE	2.396
Chromium	08/31/98	74.3	NLE	0.060
Cobalt	08/31/98	1.36	NLE	0.060
Copper	08/31/98	14.2	600	0.359
Iron	08/31/98	29600	NLE	1.198
Lead	08/31/98	55.9	100	0.240
Magnesium	08/31/98	2260	NLE	2.396
Manganese	08/31/98	21.2	NLE	0.060
Mercury	08/31/98	0.278	14	0.023
Nickel	08/31/98	6.07	250	0.060
Potassium	08/31/98	4740	NLE	2.396
Selenium	08/31/98	ND	63	0.359
Silver	08/31/98	ND	110	0.359
Sodium	08/31/98	360	NLE	2.396
Thallium	08/31/98	0.725	2	0.359
Vanadium	08/31/98	40.3	370	0.120
Zinc	08/31/98	43.4	1500	0.120

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3827.04
Sample Received:08/25/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-233, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	08/31/98	3370	NLE	1.216
Antimony	08/31/98	0.374	14	0.243
Arsenic	08/31/98	6.66	20	0.243
Barium	08/31/98	35.5	700	0.061
Beryllium	08/31/98	0.500	1	0.061
Cadmium	08/31/98	ND	1	0.061
Calcium	08/31/98	708	NLE	2.433
Chromium	08/31/98	20.6	NLE	0.061
Cobalt	08/31/98	3.37	NLE	0.061
Copper	08/31/98	11.9	600	0.365
Iron	08/31/98	12200	NLE	1.216
Lead	08/31/98	25.5	100	0.243
Magnesium	08/31/98	684	NLE	2.433
Manganese	08/31/98	61.6	NLE	0.061
Mercury	08/31/98	0.220	14	0.024
Nickel	08/31/98	6.49	250	0.061
Potassium	08/31/98	1950	NLE	2.433
Selenium	08/31/98	ND	63	0.365
Silver	08/31/98	ND	110	0.365
Sodium	08/31/98	297	NLE	2.433
Thallium	08/31/98	0.456	2	0.365
Vanadium	08/31/98	15.7	370	0.122
Zinc	08/31/98	59.6	1500	0.122

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3827.06
Sample Received:08/25/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-234, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	08/31/98	4870	NLE	1.301
Antimony	08/31/98	0.900	14	0.260
Arsenic	08/31/98	6.23	20	0.260
Barium	08/31/98	25.8	700	0.065
Beryllium	08/31/98	0.861	1	0.065
Cadmium	08/31/98	ND	1	0.065
Calcium	08/31/98	199	NLE	2.603
Chromium	08/31/98	55.4	NLE	0.065
Cobalt	08/31/98	0.880	NLE	0.065
Copper	08/31/98	2.95	600	0.390
Iron	08/31/98	19900	NLE	1.301
Lead	08/31/98	14.4	100	0.260
Magnesium	08/31/98	1640	NLE	2.603
Manganese	08/31/98	14.7	NLE	0.065
Mercury	08/31/98	0.213	14	0.020
Nickel	08/31/98	3.35	250	0.065
Potassium	08/31/98	6550	NLE	2.603
Selenium	08/31/98	ND	63	0.390
Silver	08/31/98	ND	110	0.390
Sodium	08/31/98	194	NLE	2.603
Thallium	08/31/98	0.680	2	0.390
Vanadium	08/31/98	17.6	370	0.130
Zinc	08/31/98	28.8	1500	0.130

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3827.08
Sample Received:08/25/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-235, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	08/31/98	5200	NLE	1.136
Antimony	08/31/98	1.04	14	0.227
Arsenic	08/31/98	7.87	20	0.227
Barium	08/31/98	36.4	700	0.057
Beryllium	08/31/98	0.887	1	0.057
Cadmium	08/31/98	ND	1	0.057
Calcium	08/31/98	442	NLE	2.271
Chromium	08/31/98	57.3	NLE	0.057
Cobalt	08/31/98	0.948	NLE	0.057
Copper	08/31/98	10.5	600	0.341
Iron	08/31/98	22900	NLE	1.136
Lead	08/31/98	30.7	100	0.227
Magnesium	08/31/98	1690	NLE	2.271
Manganese	08/31/98	14.1	NLE	0.057
Mercury	08/31/98	0.288	14	0.020
Nickel	08/31/98	4.77	250	0.057
Potassium	08/31/98	3720	NLE	2.271
Selenium	08/31/98	ND	63	0.341
Silver	08/31/98	ND	110	0.341
Sodium	08/31/98	431	NLE	2.271
Thallium	08/31/98	0.475	2	0.341
Vanadium	08/31/98	22.7	370	0.114
Zinc	08/31/98	43.8	1500	0.114

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3827.10
Sample Received:08/25/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-236, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	08/31/98	10200	NLE	1.261
Antimony	08/31/98	1.67	14	0.252
Arsenic	08/31/98	9.48	20	0.252
Barium	08/31/98	36.3	700	0.063
Beryllium	08/31/98	1.39	1	0.063
Cadmium	08/31/98	ND	1	0.063
Calcium	08/31/98	583	NLE	2.522
Chromium	08/31/98	112	NLE	0.063
Cobalt	08/31/98	1.67	NLE	0.063
Copper	08/31/98	5.84	600	0.378
Iron	08/31/98	41300	NLE	1.261
Lead	08/31/98	21.9	100	0.252
Magnesium	08/31/98	4380	NLE	2.522
Manganese	08/31/98	15.7	NLE	0.063
Mercury	08/31/98	0.217	14	0.024
Nickel	08/31/98	6.44	250	0.063
Potassium	08/31/98	10200	NLE	2.522
Selenium	08/31/98	ND	63	0.378
Silver	08/31/98	ND	110	0.378
Sodium	08/31/98	582	NLE	2.522
Thallium	08/31/98	0.589	2	0.378
Vanadium	08/31/98	51.8	370	0.126
Zinc	08/31/98	43.6	1500	0.126

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3836.02
Sample Received:08/26/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-237, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	08/31/98	4020	NLE	0.993
Antimony	08/31/98	0.604	14	0.199
Arsenic	08/31/98	5.11	20	0.199
Barium	08/31/98	16.8	700	0.050
Beryllium	08/31/98	0.479	1	0.050
Cadmium	08/31/98	ND	1	0.050
Calcium	08/31/98	595	NLE	1.987
Chromium	08/31/98	40.3	NLE	0.050
Cobalt	08/31/98	1.79	NLE	0.050
Copper	08/31/98	8.44	600	0.298
Iron	08/31/98	17300	NLE	0.993
Lead	08/31/98	26.0	100	0.199
Magnesium	08/31/98	928	NLE	1.987
Manganese	08/31/98	53.3	NLE	0.050
Mercury	08/31/98	0.037	14	0.023
Nickel	08/31/98	5.85	250	0.050
Potassium	08/31/98	2360	NLE	1.987
Selenium	08/31/98	ND	63	0.298
Silver	08/31/98	ND	110	0.298
Sodium	08/31/98	104	NLE	1.987
Thallium	08/31/98	0.402	2	0.298
Vanadium	08/31/98	39.8	370	0.099
Zinc	08/31/98	39.1	1500	0.099

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3836.04
Sample Received:08/26/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-238, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	08/31/98	6180	NLE	1.070
Antimony	08/31/98	0.948	14	0.214
Arsenic	08/31/98	8.95	20	0.214
Barium	08/31/98	20.1	700	0.054
Beryllium	08/31/98	0.733	1	0.054
Cadmium	08/31/98	ND	1	0.054
Calcium	08/31/98	290	NLE	2.141
Chromium	08/31/98	59.8	NLE	0.054
Cobalt	08/31/98	2.79	NLE	0.054
Copper	08/31/98	1.78	600	0.321
Iron	08/31/98	31700	NLE	1.070
Lead	08/31/98	13.4	100	0.214
Magnesium	08/31/98	872	NLE	2.141
Manganese	08/31/98	60.2	NLE	0.054
Mercury	08/31/98	0.015	14	0.021
Nickel	08/31/98	7.59	250	0.054
Potassium	08/31/98	2490	NLE	2.141
Selenium	08/31/98	ND	63	0.321
Silver	08/31/98	ND	110	0.321
Sodium	08/31/98	97.0	NLE	2.141
Thallium	08/31/98	0.570	2	0.321
Vanadium	08/31/98	74.9	370	0.107
Zinc	08/31/98	46.3	1500	0.107

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3836.06
Sample Received:08/26/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-239, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	08/31/98	5840	NLE	1.196
Antimony	08/31/98	0.721	14	0.239
Arsenic	08/31/98	9.08	20	0.239
Barium	08/31/98	49.4	700	0.060
Beryllium	08/31/98	0.799	1	0.060
Cadmium	08/31/98	ND	1	0.060
Calcium	08/31/98	371	NLE	2.393
Chromium	08/31/98	61.8	NLE	0.060
Cobalt	08/31/98	1.01	NLE	0.060
Copper	08/31/98	17.6	600	0.359
Iron	08/31/98	24100	NLE	1.196
Lead	08/31/98	50.6	100	0.239
Magnesium	08/31/98	1690	NLE	2.393
Manganese	08/31/98	13.9	NLE	0.060
Mercury	08/31/98	0.380	14	0.023
Nickel	08/31/98	4.97	250	0.060
Potassium	08/31/98	6150	NLE	2.393
Selenium	08/31/98	ND	63	0.359
Silver	08/31/98	ND	110	0.359
Sodium	08/31/98	320	NLE	2.393
Thallium	08/31/98	0.606	2	0.359
Vanadium	08/31/98	28.9	370	0.120
Zinc	08/31/98	39.6	1500	0.120

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3836.08
Sample Received:08/26/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-240, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	08/31/98	7580	NLE	1.151
Antimony	08/31/98	1.16	14	0.230
Arsenic	08/31/98	12.6	20	0.230
Barium	08/31/98	48.1	700	0.058
Beryllium	08/31/98	0.949	1	0.058
Cadmium	08/31/98	ND	1	0.058
Calcium	08/31/98	421	NLE	2.303
Chromium	08/31/98	71.4	NLE	0.058
Cobalt	08/31/98	1.26	NLE	0.058
Copper	08/31/98	18.4	600	0.345
Iron	08/31/98	28500	NLE	1.151
Lead	08/31/98	55.8	100	0.230
Magnesium	08/31/98	2060	NLE	2.303
Manganese	08/31/98	16.9	NLE	0.058
Mercury	08/31/98	0.391	14	0.024
Nickel	08/31/98	6.16	250	0.058
Potassium	08/31/98	4130	NLE	2.303
Selenium	08/31/98	ND	63	0.345
Silver	08/31/98	ND	110	0.345
Sodium	08/31/98	374	NLE	2.303
Thallium	08/31/98	1.06	2	0.345
Vanadium	08/31/98	40.4	370	0.115
Zinc	08/31/98	43.7	1500	0.115

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3836.10
Sample Received:08/26/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-241, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	08/31/98	5080	NLE	1.183
Antimony	08/31/98	0.821	14	0.237
Arsenic	08/31/98	7.60	20	0.237
Barium	08/31/98	46.5	700	0.059
Beryllium	08/31/98	1.15	1	0.059
Cadmium	08/31/98	ND	1	0.059
Calcium	08/31/98	332	NLE	2.365
Chromium	08/31/98	52.1	NLE	0.059
Cobalt	08/31/98	1.11	NLE	0.059
Copper	08/31/98	6.50	600	0.355
Iron	08/31/98	21100	NLE	1.183
Lead	08/31/98	28.5	100	0.237
Magnesium	08/31/98	1470	NLE	2.365
Manganese	08/31/98	13.0	NLE	0.059
Mercury	08/31/98	0.332	14	0.020
Nickel	08/31/98	5.00	250	0.059
Potassium	08/31/98	5540	NLE	2.365
Selenium	08/31/98	ND	63	0.355
Silver	08/31/98	ND	110	0.355
Sodium	08/31/98	304	NLE	2.365
Thallium	08/31/98	1.03	2	0.355
Vanadium	08/31/98	21.3	370	0.118
Zinc	08/31/98	43.8	1500	0.118

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3836.12
Sample Received:08/26/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-242, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	08/31/98	5800	NLE	1.115
Antimony	08/31/98	0.593	14	0.223
Arsenic	08/31/98	6.45	20	0.223
Barium	08/31/98	24.5	700	0.056
Beryllium	08/31/98	0.736	1	0.056
Cadmium	08/31/98	ND	1	0.056
Calcium	08/31/98	575	NLE	2.231
Chromium	08/31/98	45.8	NLE	0.056
Cobalt	08/31/98	0.951	NLE	0.056
Copper	08/31/98	7.62	600	0.335
Iron	08/31/98	17000	NLE	1.115
Lead	08/31/98	19.4	100	0.223
Magnesium	08/31/98	1420	NLE	2.231
Manganese	08/31/98	28.1	NLE	0.056
Mercury	08/31/98	0.190	14	0.021
Nickel	08/31/98	431	250	0.056
Potassium	08/31/98	4830	NLE	2.231
Selenium	08/31/98	ND	63	0.335
Silver	08/31/98	ND	110	0.335
Sodium	08/31/98	362	NLE	2.231
Thallium	08/31/98	0.426	2	0.335
Vanadium	08/31/98	19.8	370	0.112
Zinc	08/31/98	53.5	1500	0.112

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3836.14
Sample Received:08/26/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-243, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	08/31/98	7380	NLE	1.589
Antimony	08/31/98	1.15	14	0.318
Arsenic	08/31/98	10.0	20	0.318
Barium	08/31/98	51.0	700	0.079
Beryllium	08/31/98	0.927	1	0.079
Cadmium	08/31/98	ND	1	0.079
Calcium	08/31/98	427	NLE	3.178
Chromium	08/31/98	72.0	NLE	0.079
Cobalt	08/31/98	2.04	NLE	0.079
Copper	08/31/98	12.3	600	0.477
Iron	08/31/98	33900	NLE	1.589
Lead	08/31/98	17.0	100	0.318
Magnesium	08/31/98	1930	NLE	3.178
Manganese	08/31/98	24.9	NLE	0.079
Mercury	08/31/98	0.255	14	0.032
Nickel	08/31/98	8.64	250	0.079
Potassium	08/31/98	7840	NLE	3.178
Selenium	08/31/98	ND	63	0.477
Silver	08/31/98	ND	110	0.477
Sodium	08/31/98	898	NLE	3.178
Thallium	08/31/98	0.710	2	0.477
Vanadium	08/31/98	59.3	370	0.159
Zinc	08/31/98	35.8	1500	0.159

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3836.16
Sample Received:08/26/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-244, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	08/31/98	3900	NLE	1.179
Antimony	08/31/98	0.495	14	0.236
Arsenic	08/31/98	6.62	20	0.236
Barium	08/31/98	34.5	700	0.059
Beryllium	08/31/98	0.450	1	0.059
Cadmium	08/31/98	ND	1	0.059
Calcium	08/31/98	929	NLE	2.358
Chromium	08/31/98	31.3	NLE	0.059
Cobalt	08/31/98	1.85	NLE	0.059
Copper	08/31/98	27.0	600	0.354
Iron	08/31/98	13200	NLE	1.179
Lead	08/31/98	94.5	100	0.236
Magnesium	08/31/98	1090	NLE	2.358
Manganese	08/31/98	53.9	NLE	0.059
Mercury	08/31/98	0.228	14	0.024
Nickel	08/31/98	5.75	250	0.059
Potassium	08/31/98	3120	NLE	2.358
Selenium	08/31/98	ND	63	0.354
Silver	08/31/98	ND	110	0.354
Sodium	08/31/98	262	NLE	2.358
Thallium	08/31/98	0.389	2	0.354
Vanadium	08/31/98	27.8	370	0.118
Zinc	08/31/98	65.6	1500	0.118

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3836.18
Sample Received:08/26/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-245, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	08/31/98	8730	NLE	1.286
Antimony	08/31/98	1.28	14	0.257
Arsenic	08/31/98	9.43	20	0.257
Barium	08/31/98	53.7	700	0.064
Beryllium	08/31/98	1.25	1	0.064
Cadmium	08/31/98	ND	1	0.064
Calcium	08/31/98	396	NLE	2.571
Chromium	08/31/98	88.1	NLE	0.064
Cobalt	08/31/98	1.68	NLE	0.064
Copper	08/31/98	45.3	600	0.386
Iron	08/31/98	33700	NLE	1.286
Lead	08/31/98	50.5	100	0.257
Magnesium	08/31/98	2980	NLE	2.571
Manganese	08/31/98	18.8	NLE	0.064
Mercury	08/31/98	0.355	14	0.021
Nickel	08/31/98	7.73	250	0.064
Potassium	08/31/98	7070	NLE	2.571
Selenium	08/31/98	ND	63	0.386
Silver	08/31/98	ND	110	0.386
Sodium	08/31/98	303	NLE	2.571
Thallium	08/31/98	0.969	2	0.386
Vanadium	08/31/98	45.4	370	0.129
Zinc	08/31/98	47.6	1500	0.129

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3836.20
Sample Received:08/26/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-246, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	08/31/98	5890	NLE	1.187
Antimony	08/31/98	0.940	14	0.237
Arsenic	08/31/98	8.91	20	0.237
Barium	08/31/98	53.3	700	0.059
Beryllium	08/31/98	0.811	1	0.059
Cadmium	08/31/98	ND	1	0.059
Calcium	08/31/98	306	NLE	2.373
Chromium	08/31/98	63.2	NLE	0.059
Cobalt	08/31/98	0.960	NLE	0.059
Copper	08/31/98	22.5	600	0.356
Iron	08/31/98	28200	NLE	1.187
Lead	08/31/98	53.2	100	0.237
Magnesium	08/31/98	1660	NLE	2.373
Manganese	08/31/98	15.0	NLE	0.059
Mercury	08/31/98	0.385	14	0.025
Nickel	08/31/98	4.64	250	0.059
Potassium	08/31/98	3650	NLE	2.373
Selenium	08/31/98	ND	63	0.356
Silver	08/31/98	ND	110	0.356
Sodium	08/31/98	310	NLE	2.373
Thallium	08/31/98	0.665	2	0.356
Vanadium	08/31/98	28.6	370	0.119
Zinc	08/31/98	181	1500	0.119

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3836.22
Sample Received:08/26/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-247, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	08/31/98	5890	NLE	1.172
Antimony	08/31/98	0.931	14	0.234
Arsenic	08/31/98	8.61	20	0.234
Barium	08/31/98	40.9	700	0.059
Beryllium	08/31/98	1.02	1	0.059
Cadmium	08/31/98	ND	1	0.059
Calcium	08/31/98	787	NLE	2.343
Chromium	08/31/98	60.5	NLE	0.059
Cobalt	08/31/98	0.998	NLE	0.059
Copper	08/31/98	18.0	600	0.351
Iron	08/31/98	24400	NLE	1.172
Lead	08/31/98	47.4	100	0.234
Magnesium	08/31/98	1830	NLE	2.343
Manganese	08/31/98	19.0	NLE	0.059
Mercury	08/31/98	0.371	14	0.024
Nickel	08/31/98	4.52	250	0.059
Potassium	08/31/98	3760	NLE	2.343
Selenium	08/31/98	ND	63	0.351
Silver	08/31/98	ND	110	0.351
Sodium	08/31/98	349	NLE	2.343
Thallium	08/31/98	0.863	2	0.351
Vanadium	08/31/98	27.3	370	0.117
Zinc	08/31/98	43.6	1500	0.117

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3836.24
Sample Received:08/26/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-248, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	08/31/98	6970	NLE	0.987
Antimony	08/31/98	1.14	14	0.197
Arsenic	08/31/98	9.13	20	0.197
Barium	08/31/98	34.6	700	0.049
Beryllium	08/31/98	0.945	1	0.049
Cadmium	08/31/98	ND	1	0.049
Calcium	08/31/98	1140	NLE	1.974
Chromium	08/31/98	72..5	NLE	0.049
Cobalt	08/31/98	1.55	NLE	0.049
Copper	08/31/98	10.1	600	0.296
Iron	08/31/98	30600	NLE	0.987
Lead	08/31/98	21.6	100	0.197
Magnesium	08/31/98	2730	NLE	1.974
Manganese	08/31/98	33.2	NLE	0.049
Mercury	08/31/98	0.229	14	0.021
Nickel	08/31/98	6.14	250	0.049
Potassium	08/31/98	5980	NLE	1.974
Selenium	08/31/98	ND	63	0.296
Silver	08/31/98	ND	110	0.296
Sodium	08/31/98	360	NLE	1.974
Thallium	08/31/98	0.563	2	0.296
Vanadium	08/31/98	33.0	370	0.099
Zinc	08/31/98	69.5	1500	0.099

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3836.26
Sample Received:08/26/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-249, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	08/31/98	3390	NLE	1.153
Antimony	08/31/98	0.654	14	0.231
Arsenic	08/31/98	5.72	20	0.231
Barium	08/31/98	25.1	700	0.058
Beryllium	08/31/98	0.538	1	0.058
Cadmium	08/31/98	ND	1	0.058
Calcium	08/31/98	278	NLE	2.307
Chromium	08/31/98	39.3	NLE	0.058
Cobalt	08/31/98	0.926	NLE	0.058
Copper	08/31/98	5.01	600	0.346
Iron	08/31/98	17500	NLE	1.153
Lead	08/31/98	23.1	100	0.231
Magnesium	08/31/98	1160	NLE	2.307
Manganese	08/31/98	8.41	NLE	0.058
Mercury	08/31/98	0.267	14	0.023
Nickel	08/31/98	2.99	250	0.058
Potassium	08/31/98	4390	NLE	2.307
Selenium	08/31/98	ND	63	0.346
Silver	08/31/98	ND	110	0.346
Sodium	08/31/98	336	NLE	2.307
Thallium	08/31/98	0.681	2	0.346
Vanadium	08/31/98	15.9	370	0.115
Zinc	08/31/98	27.2	1500	0.115

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3836.28
Sample Received:08/26/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-250, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	08/31/98	8150	NLE	0.940
Antimony	08/31/98	1.43	14	0.188
Arsenic	08/31/98	7.84	20	0.188
Barium	08/31/98	31.1	700	0.047
Beryllium	08/31/98	1.02	1	0.047
Cadmium	08/31/98	ND	1	0.047
Calcium	08/31/98	389	NLE	1.880
Chromium	08/31/98	90.1	NLE	0.047
Cobalt	08/31/98	1.02	NLE	0.047
Copper	08/31/98	5.52	600	0.282
Iron	08/31/98	32800	NLE	0.940
Lead	08/31/98	20.2	100	0.188
Magnesium	08/31/98	3380	NLE	1.880
Manganese	08/31/98	12.4	NLE	0.047
Mercury	08/31/98	0.163	14	0.022
Nickel	08/31/98	4.74	250	0.047
Potassium	08/31/98	8120	NLE	1.880
Selenium	08/31/98	ND	63	0.282
Silver	08/31/98	ND	110	0.282
Sodium	08/31/98	342	NLE	1.880
Thallium	08/31/98	0.600	2	0.282
Vanadium	08/31/98	40.0	370	0.094
Zinc	08/31/98	39.4	1500	0.094

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3836.30
Sample Received:08/26/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-251, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	08/31/98	6430	NLE	1.120
Antimony	08/31/98	1.31	14	0.224
Arsenic	08/31/98	11.3	20	0.224
Barium	08/31/98	69.6	700	0.056
Beryllium	08/31/98	0.824	1	0.056
Cadmium	08/31/98	ND	1	0.056
Calcium	08/31/98	828	NLE	2.241
Chromium	08/31/98	72.6	NLE	0.056
Cobalt	08/31/98	1.36	NLE	0.056
Copper	08/31/98	110	600	0.336
Iron	08/31/98	31400	NLE	1.120
Lead	08/31/98	163	100	0.224
Magnesium	08/31/98	2210	NLE	2.241
Manganese	08/31/98	38.5	NLE	0.056
Mercury	08/31/98	0.275	14	0.024
Nickel	08/31/98	5.81	250	0.056
Potassium	08/31/98	4900	NLE	2.241
Selenium	08/31/98	ND	63	0.336
Silver	08/31/98	ND	110	0.336
Sodium	08/31/98	388	NLE	2.241
Thallium	08/31/98	0.709	2	0.336
Vanadium	08/31/98	35.1	370	0.112
Zinc	08/31/98	123	1500	0.112

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3836.32
Sample Received:08/26/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-252, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	08/31/98	5560	NLE	1.069
Antimony	08/31/98	0.774	14	0.214
Arsenic	08/31/98	9.19	20	0.214
Barium	08/31/98	32.2	700	0.053
Beryllium	08/31/98	0.736	1	0.053
Cadmium	08/31/98	ND	1	0.053
Calcium	08/31/98	1100	NLE	2.138
Chromium	08/31/98	56.7	NLE	0.053
Cobalt	08/31/98	1.43	NLE	0.053
Copper	08/31/98	15.8	600	0.321
Iron	08/31/98	21200	NLE	1.069
Lead	08/31/98	69.8	100	0.214
Magnesium	08/31/98	1920	NLE	2.138
Manganese	08/31/98	49.7	NLE	0.053
Mercury	08/31/98	0.361	14	0.023
Nickel	08/31/98	5.24	250	0.053
Potassium	08/31/98	3860	NLE	2.138
Selenium	08/31/98	ND	63	0.321
Silver	08/31/98	ND	110	0.321
Sodium	08/31/98	147	NLE	2.138
Thallium	08/31/98	0.535	2	0.321
Vanadium	08/31/98	25.7	370	0.107
Zinc	08/31/98	115	1500	0.107

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3836.34
Sample Received:08/26/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-253, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	08/31/98	4350	NLE	0.890
Antimony	08/31/98	0.688	14	0.178
Arsenic	08/31/98	5.88	20	0.178
Barium	08/31/98	17.0	700	0.045
Beryllium	08/31/98	0.840	1	0.045
Cadmium	08/31/98	ND	1	0.045
Calcium	08/31/98	563	NLE	1.781
Chromium	08/31/98	46.7	NLE	0.045
Cobalt	08/31/98	1.21	NLE	0.045
Copper	08/31/98	11.9	600	0.267
Iron	08/31/98	16400	NLE	0.890
Lead	08/31/98	12.4	100	0.178
Magnesium	08/31/98	1330	NLE	1.781
Manganese	08/31/98	15.4	NLE	0.045
Mercury	08/31/98	0.069	14	0.021
Nickel	08/31/98	3.33	250	0.045
Potassium	08/31/98	5380	NLE	1.781
Selenium	08/31/98	ND	63	0.267
Silver	08/31/98	ND	110	0.267
Sodium	08/31/98	84.6	NLE	1.781
Thallium	08/31/98	0.332	2	0.267
Vanadium	08/31/98	13.5	370	0.089
Zinc	08/31/98	32.1	1500	0.089

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3836.36
Sample Received:08/26/98
Sample Matrix: Soil

Site: M-5
Ft. Monmouth, New Jersey

Field ID#: B-254, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	08/31/98	6740	NLE	1.052
Antimony	08/31/98	0.916	14	0.210
Arsenic	08/31/98	10.1	20	0.210
Barium	08/31/98	48.4	700	0.053
Beryllium	08/31/98	2.05	1	0.053
Cadmium	08/31/98	ND	1	0.053
Calcium	08/31/98	143	NLE	2.104
Chromium	08/31/98	52.8	NLE	0.053
Cobalt	08/31/98	2.76	NLE	0.053
Copper	08/31/98	10.1	600	0.316
Iron	08/31/98	27700	NLE	1.052
Lead	08/31/98	40.3	100	0.210
Magnesium	08/31/98	1130	NLE	2.104
Manganese	08/31/98	38.0	NLE	0.053
Mercury	08/31/98	0.706	14	0.023
Nickel	08/31/98	6.57	250	0.053
Potassium	08/31/98	4170	NLE	2.104
Selenium	08/31/98	ND	63	0.316
Silver	08/31/98	0.413	110	0.316
Sodium	08/31/98	99.8	NLE	2.104
Thallium	08/31/98	0.691	2	0.316
Vanadium	08/31/98	26.8	370	0.105
Zinc	08/31/98	51.5	1500	0.105

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

APPENDIX E

Soil Boring Logs

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5-B1

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-8-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J-1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	: GEO. SCREEN PT.		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME
0			TURF		
6	3465.03	1	SANDY SILT, fine-olive green	0-ppm	1125
12					
18			SAND, fine/ medium-or./ brown		
24	3465.04	2		0-ppm	1130
30			SAND, Well Graded, medium-orange		
36	3465.05	3		0-ppm	1130
42					
48			Groundwater Sample H2O @ 48"		
54					
60					
66	3465.06	4		0-ppm	1148
72					
78					
84					

02-25-1999 X:\MTECH5\M5\m5-b001.bor

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5-B2

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 4-8-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : GEO. SCREEN PT.

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME
0			TURF		
6	3465.07	1	SAND med.- iron stained	0-ppm	1338
12			SAND, med./ fine-ol. green/ brown		
18					
24	3465.08	2	SAND, Well Graded, medium-orange	0-ppm	1338
30					
36	3465.09	3	SAND medium w/ small md. gravels	0-ppm	1343
42					
48			Groundwater Sample H2O @ 39"		
54					
60					
66	3465.10	4		0-ppm	1405
72					
78					
84					

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5-B3

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-8-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J-1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	: GEO. SCREEN PT.		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME
0			TURF		
6	3465.11	1	SAND med.- orange/ brown	0-ppm	1510
12					
18					
24	3465.12	2	SAND, medium- orange	0-ppm	1510
30					
36	3465.13	3	SAND, med./ fine-orange w/ small rnd. gravels	0-ppm	1525
42					
48			Groundwater Sample H2O @ 39"		
54					
60					
66	3465.14	4		0-ppm	1525
72					
78					
84					

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5-B4

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-9-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J-1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	: GEO. SCREEN PT.		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME
0			TURF		
6	3470.03	1	SAND med./ fine- orange	0-ppm	0915
12			SAND med./ fine- brown w/ small ang. coal frags.		
18					
24	3470.04	2		3 PPM	0920
			SAND, medium- orange		
30					
36					
	3470.05	3		4 PPM	0920
42			SAND medium- orange/ olive green		
			Groundwater Sample H20 @ 46"		
48					
54					
60					
66	3470.06	4		1-ppm	0927
72					
78					
84					

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5-B5

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-9-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J-1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	: GEO. SCREEN PT.		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME
0			TURF		
			SAND medium- iron stained		
6	3470.07	1		3.04 ppm	1320
12					
18					
24	3470.08	2		5 ppm	1325
			SAND medium lt. brown/ orange		
30			SAND, medium/ fine- orange		
36					
	3470.09	3	SAND medium- orange	7 ppm	1325
42					
			Groundwater Sample H2O @ 46"		
48					
54					
60					
66	3470.10	4		2 ppm	1333
72					
78					
84					

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5-B6

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 4-9-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : GEO. SCREEN PT.

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	VOA+15	METALS	PEST,PCB,BNA	%-SOLIDS	HNU	TIME
0			TURF						
6	3470.11	1	SAND med./ fine- orange w/ some coal frags. and small - angular gravels					3 PPM	1410
12			SAND medium - brn./ black w/ coal frags. and small- angular gravels						
18									
24	3470.12	2	SAND, medium/ fine- olive green/ gray					3 PPM	1415
30			SAND medium/ fine- orange w/ some small rnd. gravels						
36									
42	3470.13	3	SAND, medium- olive green/ tan					5 PPM	1415
48			Groundwater Sample H20 @ 44"						
54									
60									
66	3470.14	4						2 ppm	1435
72									
78									
84									

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5-B7

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-9-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J-1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	: GEO. SCREEN PT.		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	VOA+15	METALS	PEST,PCB,BNA	%-SOLIDS	HNU	TIME
0			TURF						
			CINDERS w/ mixed sands						
6	3470.15	1						2 PPM	1525
12									
18									
24	3470.16	2						1 PPM	1530
30									
36									
	3470.17	3	SAND,med. fine gray/ brown					1 PPM	1530
42			SAND fine/ medium- or./ brown						
48			Groundwater Sample H2O @ 46"						
54									
60									
66	3470.18	4						2 ppm	1545
72									
78									
84									

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5-B8

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 4-10-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : GEO. SCREEN PT.

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	VOA+15	METALS	METALS	PEST,PCB,BNA	%-SOLIDS	HNU	TIME
0			CINDER material w/ mixed sands							
6	3472.03	1							2 PPM	1000
12										
18										
24	3472.04	2							4 PPM	1005
30										
36	3472.05	3							10 PPM	1005
42										
48			Groundwater Sample H2O @ 42"							
54										
60										
66	3472.06	4							2 ppm	1045
72										
78										
84										

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5-B9

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 4-10-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : GEO. SCREEN PT.

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	VOA+15	METALS	METALS	PEST,PCB,BNA	%-SOLIDS	HNU	TIME
0			CINDER material w/ mixed sands							
6	3472.07	1							3 PPM	1130
12										
18										
24	3472.08	2							3 PPM	1140
30										
36	3472.09	3							4 PPM	1140
42										
48			Groundwater Sample H2O @ 48"							
54										
60										
66	3472.10	4							1 ppm	1155
72										
78										
84										

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5-B10

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 4-10-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : GEO. SCREEN PT.

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	VOA+15	METALS	PEST,PCB,BNA	%-SOLIDS	HNU	TIME
0			TURF						
6	3472.11	1	SAND, fine/ coarse- orange					0 PPM	1323
12									
18			SAND, fine/ coarse- orange w/ some small rnd. gravels						
24	3472.12	2						0 PPM	1330
30			SAND, med./ fine- lt. brown w/ < 10% coal frags.						
36			SAND, Well Graded, medium- orange						
42									
48	3472.13	3	CLAYEY SAND, fine-olive green					0 PPM	1330
54			Groundwater Sample H2O @ 48"						
60									
66	3472.14	4						0 ppm	1341
72									
78									
84									

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5-B11

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 4-11-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : GEO. SCREEN PT.

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	VOA+15	METALS	PEST,PCB,BNA	%-SOLIDS	HNU	TIME
0			TURF						
6	3473.03	1	SAND, medium- iron stained					0 PPM	0928
12			CLAYEY SAND, hard- olive green						
			SAND, Well Graded, medium- olive green						
18			SAND, medium/ fine- tan						
24	3473.04	2						0 PPM	0934
30									
36	3473.05	3						0 PPM	0934
42									
			SAND,med./ fine- tan/olive green						
48			Groundwater Sample H2O @ 46"						
54									
60									
66	3473.06	4						0 ppm	0937
72									
78									
84									

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5-B12

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 4-11-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : GEO. SCREEN PT.

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	VOA+15	METALS	PEST,PCB,BNA	%-SOLIDS	HNU	TIME
0			TURF						
			SAND,med./ fine- orange						
6	3473.07	1						0 PPM	1035
12									
18									
24	3473.08	2						1.04 PPM	1046
			SAND, medium- orange/ tan						
30									
36									
42	3473.09	3						3 PPM	1046
48			Groundwater Sample H2O @ 46"						
54									
60									
66	3473.10	4						0 ppm	1055
72									
78									
84									

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5-B13

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-11-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J-1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	: GEO. SCREEN PT.		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	VOA+15	METALS	PEST,PCB,BNA	%-SOLIDS	HNU	TIME
0			TURF, sand- fine w/ small coal frags.						
6	3473.11	1	SAND, Well Graded, medium- orange/ brown					0 PPM	1123
12			SAND, Well Graded, medium-brown						
18			SAND med./ fine-orange						
24	3473.12	2						0 PPM	1135
30									
36	3473.13	3						0 PPM	1135
42									
48			SAND, Well Graded, medium-olive green Groundwater Sample H2O @ 46"						
54									
60									
66	3473.14	4						0 ppm	1143
72									
78									
84									

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5-B14

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 4-11-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : GEO. SCREEN PT.

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	VOA+15	METALS	PEST,PCB,BNA	%-SOLIDS	HNU	TIME
0			TURF, sand - fine w/ small coal frags.						
6	3473.15	1	SAND, medium, - iron stained					0 PPM	1241
12			SAND, fine/ medium - dark brown/ orange						
18									
24	3473.16	2	SAND med./ fine-orange					0 PPM	1245
30									
36	3473.17	3						0 PPM	1245
42									
48			SAND, Well Graded, medium - orange/ tan Groundwater Sample H2O @ 46"						
54									
60									
66	3473.18	4						0 ppm	1247
72									
78									
84									

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5-B15

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 4-11-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : GEO. SCREEN PT.

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	VOA+15	METALS	PEST,PCB,BNA	%-SOLIDS	HNU	TIME
0			TURF, sand - fine w/ small coal frags.						
6	3473.19	1	SAND, medium, - iron stained					0 PPM	1338
12			COAL and cinder matl.						
18			SAND, with some silt - orange/ olive green						
24	3473.20	2	SILTY CLAY - black					0 PPM	1342
			CEMENT DEBRIS						
30			CINDER and coal debris						
36	3473.21	3	SAND, gray/ tan					0 PPM	1342
42									
48			Groundwater Sample H2O @ 46"						
54									
60									
66	3473.22	4						0 ppm	1345
72									
78									
84									

02-25-1999 X:\MTECH5\M5\m5-b015.bor

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5-B16

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 4-13-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : GEO. SCREEN PT.

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	VOA+15	METALS	PEST,PCB,BNA	%-SOLIDS	HNU	TIME
0			TURF.						
6	3477.03	1	Mixed sands and cinder material w/ some brick pcs.					0 PPM	1035
12									
18									
24	3477.04	2						0 PPM	1040
30									
36	3477.05	3						0 PPM	1040
42									
48			SAND, fine/ medium - orange/ dk. brown w/ some cinders Groundwater Sample H2O @ 46"						
54									
60									
66	3477.06	4						0 ppm	1046
72									
78									
84									

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5-B17

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 4-13-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : GEO. SCREEN PT.

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	VOA+15	METALS	METALS	PEST,PCB,BNA	%-SOLIDS	HNU	TIME
0			TURF.							
6	3477.07	1	Mixed sands and cinder material						0 PPM	1120
12										
18										
24	3477.08	2							0 PPM	1128
30										
36	3477.09	3							0 PPM	1128
42										
48			Groundwater Sample H2O @ 46"							
54										
60										
66	3477.10	4							0 ppm	1143
72										
78										
84										

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5-B18

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-13-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J-1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	: GEO. SCREEN PT.		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	VOA+15	METALS	PEST,PCB,BNA	%-SOLIDS	HNU	TIME
0			TURF.						
6	3477.11	1	Mixed sands and cinder material					0 PPM	1334
12									
18									
24	3477.12	2						0 PPM	1338
30									
36	3477.13	3						0 PPM	1338
42									
			SAND, med./ fine - yl./ tan w/ cinder material						
48			Groundwater Sample H2O @ 46"						
54									
60									
66	3477.14	4						0 PPM	1342
72									
78									
84									

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5-B19

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 4-13-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : GEO. SCREEN PT.

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	VOA+15	METALS	PEST,PCB,BNA	%-SOLIDS	HNU	TIME
0			TURF.						
			SAND med./ coarse - black [coal like matl.]						
6	3477.15	1	SAND, med./ coarse - iron stained					0 PPM	1440
12			SAND,medium - dk. brown						
			CLAYEY SILT, - olive green w/ orange mottling						
18			SAND, Well Graded, medium - dk. brown						
24	3477.16	2	SAND, med./ fine - orange					0 PPM	1446
30	3477.17	3						0 PPM	1446
36			SAND, med./ coarse - orange w/ some coarse sub-ang gravels						
42									
48			Groundwater Sample H2O @ 36"						
54									
60	3477.18	4						0 PPM	1500
66									
72									
78									
84									

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5-B20

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-14-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J-1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	: GEO. SCREEN PT.		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	VOA+15	METALS	PEST,PCB,BNA	%-SOLIDS	HNU	TIME
0			TURF.						
			SAND med./ fine - iron stained						
6	3479.03	1						0 PPM	0935
12									
18			SANDY SILT, fine - olive green						
			SANDY SILT, fine - olive green w/ coal frags.						
24	3479.04	2	SAND, med./ fine - orange					2 PPM	0956
30	3479.05	3						0 PPM	0956
36									
42			SAND, Well Graded, medium - orange						
48			Groundwater Sample H2O @ 46"						
54									
60									
66	3479.06	4						0 PPM	1009
72									
78									
84									

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5-B21

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 4-14-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : GEO. SCREEN PT.

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	VOA+15	METALS	PEST,PCB,BNA	%-SOLIDS	HNU	TIME
0			TURF.						
6	3479.07	1	SAND, medium - orange					0 PPM	1110
12									
18			CLAYEY SILT, olive green						
24	3479.08	2	SAND, Well Graded, white/ tan [beach sand appearance]					2 PPM	1120
30	3479.09	3	SAND, Well Graded, medium - orange/ brown					0 PPM	1120
36									
42									
48			Groundwater Sample H2O @ 46"						
54									
60									
66	3479.10	4						0 PPM	1127
72									
78									
84									

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5-B22

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-14-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J-1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	: GEO. SCREEN PT.		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	VOA+15	METALS	PEST,PCB,BNA	%-SOLIDS	HNU	TIME
0			TURF w/ < 10% coal frags.						
6			SAND, and clayey silt - or./ olive green						
	3479.11	1						0 PPM	1309
12									
18			SAND, Well Graded, medium - orange						
24	3479.12	2						0 PPM	1318
30	3479.13	3						0 PPM	1318
36									
42									
48			SAND, coarse - orange w/ some small rnd. gravels						
			Groundwater Sample H2O @ 46"						
54									
60									
66	3479.14	4						0 PPM	1330
72									
78									
84									

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5-B23

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 4-15-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : GEO. SCREEN PT.

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	VOA+15	METALS	PEST,PCB,BNA	%-SOLIDS	HNU	TIME
0			TURF						
6	3485.03	1	SAND, Well Graded, medium - orange					0 PPM	1035
12									
18			SAND, w/ some silt med./ fine- gray/ black w/ some cinders and coal frags.						
24	3485.04	2						0 PPM	1042
30									
36	3485.05	3	SAND, Well Graded, medium - orange					0 PPM	1042
42									
48			Groundwater Sample H2O @ 45"						
54									
60									
66	3485.06	4						0 PPM	1054
72									
78									
84									

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5-B24

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 4-15-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : GEO. SCREEN PT.

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	VOA+15	METALS	PEST,PCB,BNA	%-SOLIDS	HNU	TIME
0			TURF						
6	3485.07	1	SAND, med./ fine - orange					0 PPM	1128
12			SAND, fine - olive green w/ fine coal frags.						
			SAND, fine - olive green						
18			CINDERS w/ some fine sand and glass frags.						
24	3485.08	2						0 PPM	1143
30			CINDERS and mixed sands - iron stained/ lt. green matl. present.						
36	3485.09	3						0 PPM	1143
42									
			Groundwater Sample H2O @ 48"						
48									
54									
60									
66	3485.10	4						0 PPM	1156
72									
78									
84									

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5-B25

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 4-15-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : GEO. SCREEN PT.

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	VOA+15	METALS	PEST,PCB,BNA	%-SOLIDS	HNU	TIME
0			TURF						
6	3485.11	1	SAND, med./ coarse - gray w/ gravels, cinders, and coal frags.					1 PPM	1320
12									
18			SAND, medium - gray/ orange w/ some small ang. gravels						
			SAND, medium- gray/ orange w/ some coal frags.						
24	3485.12	2	SAND, Well Graded, fine - gray					3 PPM	1332
30			CINDER and coal matl. w/ mixed sands						
36									
42			SAND, med./ fine - or./ tan w/ some cinder matl.						
48	3485.13	3						5 PPM	1332
54			Groundwater Sample H2O @ 46"						
60									
66	3485.14	4						0 PPM	1345
72									
78									
84									

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5-B26

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-15-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J-1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	: GEO. SCREEN PT.		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	VOA+15	METALS	PEST,PCB,BNA	%-SOLIDS	HNU	TIME
0			TURF						
			CINDERS and mixed sands						
6	3485.15	1						0 PPM	1430
12									
18									
24	3485.16	2						0 PPM	1438
30									
36									
42	3485.17	3						0 PPM	1438
48			Groundwater Sample H2O @ 46"						
54									
60									
66	3485.18	4						0 PPM	1447
72									
78									
84									

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5-B27

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-20-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J-1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	: 1" PVC [.10 SLOT SCREEN]		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	VOA+15	METALS	PEST,PCB,BNA	%-SOLIDS	HNU	TIME
0			TURF						
			CINDER material						
6	3498.03	1						0 PPM	1215
12									
18									
24	3498.04	2						0 PPM	1225
30									
36									
42	3498.05	3						0 PPM	1225
48			Groundwater Sample H2O @ 46"						
54									
60									
66	3498.06	4						0 PPM	1235
72									
78									
84									

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5-B28

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-20-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J-1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	: 1" PVC [.10 SLOT SCREEN]		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	VOA+15	METALS	PEST,PCB,BNA	%-SOLIDS	HNU	TIME
0			TURF [Possible Native Soils]						
6	3498.07	1	SAND fine/ medium - orange					0 PPM	1340
12									
18									
24	3498.08	2						0 PPM	1355
30			SANDY SILT, med./ fine - dk. brown						
36	3498.09	3						0 PPM	1355
42			SAND, Well Graded, coarse - tan						
48			Groundwater Sample H2O @ 46"						
54									
60									
66	3498.10	4						0 PPM	1414
72									
78									
84									

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5-B29

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-20-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J-1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	: 1" PVC [.10 SLOT SCREEN]		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	VOA+15	METALS	PEST.PCB,BNA	%-SOLIDS	HNU	TIME
0			TURF [Possible Native Soils]						
6	3498.11	1	SAND, fine/ medium - dk. brown					0 PPM	1426
12									
18			SAND, fine/ medium - orange						
24	3498.12	2						0 PPM	1435
30									
36	3498.13	3						0 PPM	1435
42									
48			Groundwater Sample H2O @ 46"						
54									
60									
66	3498.14	4						0 PPM	1445
72									
78									
84									

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5-B30

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-20-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J-1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	: 1" PVC [.10 SLOT SCREEN]		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	VOA+15	METALS	PEST,PCB,BNA	%-SOLIDS	HNU	TIME
0			TURF						
6	3498.15	1	SAND med./ fine - orange					0 PPM	1528
12									
18									
24	3498.16	2	SAND, Well Graded, fine - dk. brown					0 PPM	1538
30			CINDERS and mixed sands						
36									
42	3498.17	3	SAND, fine/ medium - orange					0 PPM	1538
48			Groundwater Sample H2O @ 46"						
54									
60									
66	3498.18	4						0 PPM	1544
72									
78									
84									

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5-B31

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 4-21-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	VOA+15	METALS	PEST,PCB,BNA	%-SOLIDS	HNU	TIME
0			TURF						
6			SAND fine/ med. - orange						
	3500.02	1	SAND, fine - olive green					0 PPM	0940
12			SAND, fine - olive green/ orange						
18			SAND, fine - dk. brown						
24	3500.03	2						0 PPM	0950
			SAND, med./ fine - or./ tan						
30	3500.04	3						0 PPM	0950
36			SAND, Well Graded, medium - tan						
42			SAND, med./ coarse - or./ tan w/small rnd. gravels						
48			Groundwater Sample H2O @ 36"						
54									
60									
66	3500.05	4						0 PPM	1000
72									
78									
84									

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5-B32

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 4-21-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	VOA+15	METALS	PEST,PCB,BNA	%-SOLIDS	HNU	TIME
0			TURF						
6	3500.06	1	SAND, med./ fine - orange w/ some cinder matl.					0 PPM	1030
12			CINDERS w/ some fine sands						
18									
24	3500.07	2						0 PPM	1043
			SAND, Well Graded, fine - tan						
30			CINDER matl.						
36	3500.08	3						0 PPM	1043
42			SANDY CLAY, med./ fine - blk./ gray						
48			Groundwater Sample H2O @ 46"						
54									
60									
66	3500.09	4						.04 PPM	1055
72									
78									
84									

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5-B33

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 4-21-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	VOA+15	METALS	PEST,PCB,BNA	%-SOLIDS	HNU	TIME
0			TURF						
			CINDERS						
6	3500.10	1						0 PPM	1133
12									
18									
24	3500.11	2						0 PPM	1140
30									
36									
42	3500.12	3						0 PPM	1140
48			Groundwater Sample H2O @ 46"						
54									
60									
66	3500.13	4						0 PPM	1155
72									
78									
84									

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5-B34

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 4-21-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	VOA+15	METALS	PEST,PCB,BNA	%-SOLIDS	HNU	TIME
0			TURF						
6	3500.14	1	SAND, fine/ coarse w/ cinder matl.					0 PPM	1330
12									
18			SAND, med./ fine - orange w/ some cinders						
			Landfill matl: Cement like appearance w/ small layers of sticky clay like matl.- olive green						
24	3500.15	2						0 PPM	1340
30									
36	3500.16	3						0 PPM	1340
42			CINDERS and mixed sands						
48			Groundwater Sample H2O @ 46"						
54									
60									
66	3500.17	4						0 PPM	1350
72									
78									
84									

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5-B35

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 4-21-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	VOA+15	METALS	PEST,PCB,BNA	%-SOLIDS	HNU	TIME
0			TURF						
			CINDERS and mixed sands						
6	3500.18	1						0 PPM	1420
12									
18									
24	3500.19	2						0 PPM	1435
30									
36	3500.20	3						0 PPM	1435
42									
48			Groundwater Sample H2O @ 46"						
54									
60									
66	3500.21	4						0 PPM	1450
72									
78									
84									

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5-B36

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 4-22-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	VOA+15	METALS	PEST,PCB,BNA	%-SOLIDS	HNU	TIME
0			TURF						
6	3501.02	1	SAND, med./ fine - or./ dk. brown					0 PPM	0932
12			SAND, Well Graded, medium - orange						
18									
24	3501.03	2						0 PPM	0945
30									
36	3501.04	3						0 PPM	0945
42									
48			Groundwater Sample H2O @ 46"						
54									
60									
66	3501.05	4						.04 PPM	0956
72									
78									
84									

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5-B37

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-22-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J-1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	: 1" PVC [.10 SLOT SCREEN]		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	VOA+15	METALS	PEST,PCB,BNA	%-SOLIDS	HNU	TIME
0			TURF						
6	3501.06	1	SAND, medium - orange					0 PPM	1020
12									
18			SAND, fine - dk. brown						
24	3501.07	2	SAND, fine/ medium - orange					0 PPM	1037
30									
36	3501.08	3	SAND, Well Graded, medium - orange					0 PPM	1037
42			SAND, Well Graded, coarse - orange						
48			Groundwater Sample H2O @ 46"						
54									
60									
66	3501.09	4						0 PPM	1048
72									
78									
84									

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5-B38

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 4-22-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	VOA+15	METALS	PEST,PCB,BNA	%-SOLIDS	HNU	TIME
0			TURF						
6	3501.10	1	SAND, medium/ fine - orange					0 PPM	1122
12									
18									
24	3501.11	2						0 PPM	1133
30			CINDERS						
36			SAND, medium - orange						
42	3501.12	3						0 PPM	1133
48			SAND, medium/ coarse - orange						
54			Groundwater Sample H2O @ 46"						
60									
66	3501.13	4						1 PPM	1148
72									
78									
84									

02-25-1999 X:\MTECH5\M5\m5-b038.bor

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5-B39

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-22-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J-1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	: 1" PVC [.10 SLOT SCREEN]		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	VOA+15	METALS	PEST,PCB,BNA	%-SOLIDS	HNU	TIME
0			TURF						
			SAND, medium/ coarse - iron stained						
6	3501.14	1						0 PPM	1317
12			SILTY SAND, fine - olive green - 2ppm						
18									
24	3501.15	2						1.04 PPM	1320
			SANDY CLAY LOAM, fine - black						
30	3501.16	3						3 PPM	1320
			SAND, medium/ coarse - tan						
36									
42			SAND, coarse/ medium - olive green/ tan						
48			Groundwater Sample H2O @ 35"						
54									
60									
66	3501.17	4						.04 PPM	1338
72									
78									
84									

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5-B40

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-22-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J-1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	: 1" PVC [.10 SLOT SCREEN]		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	VOA+15	METALS	PEST,PCB,BNA	%-SOLIDS	HNU	TIME
0			TURF						
			SAND, medium/ coarse - iron stained						
6	3501.18	1						0 PPM	1421
12			SILTY SAND, fine - olive green - 2ppm						
18									
24	3501.19	2						0 PPM	1430
			SANDY CLAY LOAM, fine - black						
30			SAND, medium/ coarse - tan						
36									
	3501.20	3						0 PPM	1430
42			SAND, coarse/ medium - olive green/ tan						
48			Groundwater Sample H2O @ 46"						
54									
60									
66	3501.21	4						0 PPM	1440
72									
78									
84									

02-25-1999 X:\MTECH5\M5\m5-b040.bor

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5-B41

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 5-1-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	VOA+15	METALS	PEST,PCB,BNA	%-SOLIDS	HNU	TIME
0			TURF						
			CINDERS, and mixed sands						
6	3539.02	1						0 PPM	1125
12									
18									
24	3539.03	2						.02 PPM	1130
30									
36	3539.04	3						.02 PPM	1140
42									
48			Groundwater Sample H2O @ 40"						
54									
60									
66	3539.05	4						.04 PPM	1150
72									
78									
84									

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5-B42

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED	: 5-1-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J-1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	: 1" PVC [.10 SLOT SCREEN]		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	VOA+15	METALS	PEST,PCB,BNA	%-SOLIDS	HNU	TIME
0			TURF						
6	3539.06	1	CINDERS, and mixed sands					.04 PPM	1335
12									
18									
24	3539.07	2						.02 PPM	1346
30									
36	3539.08	3						0 PPM	1350
42			Groundwater Sample H2O @ 40"						
48									
54									
60									
66	3539.09	4						0 PPM	1355
72									
78									
84									

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5-B43

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED	: 5-4-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J-1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	: 1" PVC [.10 SLOT SCREEN]		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	VOA+15	METALS	PEST,PCB,BNA	%-SOLIDS	HNU	TIME
0			TURF						
			CINDERS						
6	3543.02	1						0 PPM	1040
12									
18									
24	3543.03	2						0PPM	1045
30									
36	3543.04	3						0 PPM	1050
42									
48			Groundwater Sample H2O @ 40"						
54									
60									
66	3543.05	4						0 PPM	1100
72									
78									
84									

02-25-1999 X:\MTECH5\M5\m5-b043.bor

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5-B44

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 5-4-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	VOA+15	METALS	PEST,PCB,BNA	%-SOLIDS	HNU	TIME
0			SANDY SILT, fine/medium - dk. brown						
6	3543.06	1	CINDERS, coal and mixed sands					0 PPM	1320
12									
18									
24	3543.07	2						0PPM	1325
30									
36	3543.08	3						0 PPM	1325
42									
48			Groundwater Sample H2O @ 46" [Slow water recovery]						
54									
60									
66	33543.09	4						0 PPM	1445
72									
78									
84									

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5-B45

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 5-4-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	VOA+15	METALS	PEST,PCB,BNA	%-SOLIDS	HNU	TIME
0			TURF						
			SAND, Well Graded, fine - lt. brown						
6	3543.10	1						0 PPM	1408
12									
18			CINDERS, coal and mixed sands						
24	3543.11	2						8PPM	1413
30									
36	3543.12	3						0 PPM	1413
			SAND, Well Graded, fine - tan						
42									
48			Groundwater Sample H2O @ 46" [Slow water recovery]						
54									
60									
66	3543.13	4						0 PPM	1534
72									
78									
84									

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5-B46

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 5-4-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	VOA+15	METALS	PEST,PCB,BNA	%-SOLIDS	HNU	TIME
0			TURF						
6			SAND, fine - lt. brown						
	3543.14	1						0 PPM	1520
12			CINDERS,l and mixed sands						
18									
24	3543.15	2						0 PPM	1530
30									
36	3543.16	3	SAND, Well Graded, fine - tan/ brown					0 PPM	1530
42									
48			Groundwater Sample H2O @ 46"						
54									
60									
66	3543.17	4						0 PPM	1550
72									
78									
84									

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5-B47

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 5-5-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	VOA+15	METALS	PEST,PCB,BNA	%-SOLIDS	HNU	TIME
0			TURF						
6			COAL frags and black fine sand						
	3547.02	1						0 PPM	1010
12									
18			SAND, fine - or./ tan						
24	3547.03	2						0 PPM	1013
30									
36	3547.04	3							CANCELLED*
42									
48			Groundwater Sample H2O @ 40"						
54									
60									
66	3547.05	4						0 PPM	1025
72									
78									
84									

02-25-1999 X:\MTECH5\M5\m5-b047.bor

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5-B48

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 5-5-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	VOA+15	METALS	PEST,PCB,BNA	%-SOLIDS	HNU	TIME
0			TURF						
			COAL cinders and black fine sand						
6	3547.06	1						0 PPM	1045
12									
18			SAND, Well Graded, medium - orange						
24	3547.07	2						0 PPM	1050
30									
			SAND, med./ coarse - orange						
36	3547.08	3						1.04	1050
42			GRAVELS, rounded with sand, med./ coarse - orange						
48			Groundwater Sample H2O @ 40"						
54									
60									
66	3547.09	4						0 PPM	1100
72									
78									
84									

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5-B49

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED	: 5-5-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J-1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	: 1" PVC [.10 SLOT SCREEN]		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	VOA+15	METALS	PEST,PCB,BNA	%-SOLIDS	HNU	TIME
0			TURF						
			SAND, med./ fine - or./ tan						
6	3547.10	1						0 PPM	1145
12									
18									
24	3547.11	2						0 PPM	1150
30									
36	3547.12	3						0 PPM	1150
42									
48			Groundwater Sample H2O @ 45"						
54									
60									
66	3547.13	4						0 PPM	1205
72									
78									
84									

02-25-1999 X:\MTECH5\M5\m5-b049.bor

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5-B50

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 5-5-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	VOA+15	METALS	PEST,PCB,BNA	%-SOLIDS	HNU	TIME
0			TURF						
6	3547.14	1	SAND, med./ fine - dk. brown					0 PPM	1345
12									
18			SAND, fine/ medium - orange						
24	3547.15	2						1 PPM	1350
30									
36	3547.16	3						0 PPM	1350
42			SAND, Well Graded, medium - lt. olive green						
48			Groundwater Sample H2O @ 45"						
54									
60									
66	3547.17	4						0 PPM	1400
72									
78									
84									

02-25-1999 X:\MTECH5\M5\m5-b050.bor

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5-B51

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 5-5-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	VOA+15	METALS	PEST,PCB,BNA	%-SOLIDS	HNU	TIME
0			TURF						
6	3547.18	1	SAND, medium - orange					0 PPM	1420
12									
18			SAND, Well Graded, medium - dk. brown						
24	3547.19	2	SAND, med./ fine - orange					0 PPM	1430
30									
36	3547.20	3						0 PPM	1430
42									
48			Groundwater Sample H2O @ 45"						
54									
60									
66	3547.21	4						0 PPM	1440
72									
78									
84									

02-25-1999 X:\MTECH5\M5\m5-b051.bor

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5-B52

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 5-6-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	VOA+15	METALS	PEST,PCB,BNA	%-SOLIDS	HNU	TIME
0			TURF						
			SANDY SILT, fine - dk. brown						
6	3550.03	1	SAND, med./ fine orange					1 PPM	1020
12			CLAY and SILT, - olive green						
18			SAND, med./ fine - dk./ brown						
24	3550.04	2						0 PPM	1030
			SAND, Well Graded, medium - orange w/ some-small rnd. gravels.						
30									
36	3550.05	3						0 PPM	1030
42									
48			Groundwater Sample H2O @ 45"						
54									
60									
66	3550.06	4						0 PPM	1040
72									
78									
84									

02-25-1999 X:\MTECH5\M5\m5-b052.bor

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5-B53

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 5-6-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	VOA+15	METALS	PEST,PCB,BNA	%-SOLIDS	HNU	TIME
0			TURF w/ coal frags.						
			SAND, med./ fine - dk. brown w/ coal frags.						
6	3550.07	1						0 PPM	1120
12									
18									
24	3550.08	2						0 PPM	1135
			SAND, medium - tan						
30									
36	3550.09	3						1 PPM	1138
			SAND, coarse w/ sub. angular gravels - orange						
42									
48			Groundwater Sample H2O @ 45"						
54									
60									
66	3550.10	4						0 PPM	1150
72									
78									
84									

02-25-1999 X:\MTECH5\M5\m5-b053.bor

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5-B54

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 5-6-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	VOA+15	METALS	PEST,PCB,BNA	%-SOLIDS	HNU	TIME
0			TURF						
6	3550.11	1	SAND, med./ fine - dk. brown					0 PPM	1320
12									
18			SAND, medium/ fine - orange						
24	3550.12	2						0 PPM	1325
30			SAND, medium/ fine - orange w/ small rnd. gravels						
36	3550.13	3						0 PPM	1325
42			SAND, med./ coarse - orange						
48			Gruundwater Sample H2O @ 45"						
54									
60									
66	3550.14	4						0 PPM	1330
72									
78									
84									

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5-B55

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 5-06-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	VOA+15	METALS	PEST,PCB,BNA	%-SOLIDS	HNU	TIME
0			TURF						
6			SANDY SILT, fine - brown						
	3550.15	1						0 PPM	1515
12									
18									
24	3550.16	2						0 PPM	1525
30			CINDERS, and mixed sands						
			SILTY CLAY LOAM, - dk. brown						
36			CINDERS and coal						
	3550.17	3						0 PPM	1525
42									
48			Groundwater Sample H2O @ 46"						
54									
60									
66	3550.18	4						0 PPM	1530
72									
78									
84									

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5-B56

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 5-11-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	VOA+15	METALS	PEST,PCB,BNA	%-SOLIDS	HNU	TIME
0			TURF						
			SANDY SILT, fine - brown						
6	3561.02	1						0 PPM	0945
12									
18									
24	3561.03	2						0 PPM	0950
30			CINDERS, and mixed sands						
			SILTY CLAY LOAM, - dk. brown						
36			CINDERS and coal						
42	3561.04	3						0 PPM	0950
48			Groundwater Sample H2O @ 46"						
54									
60									
66	3561.05	4						0 PPM	1000
72									
78									
84									

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5-B57

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 5-11-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	VOA+15	METALS	PEST,PCB,BNA	%-SOLIDS	HNU	TIME
0			TURF						
			SAND, fine/ medium - dk. brown						
6	3561.06	1						0 PPM	1040
12									
18									
			CINDERS						
24	3561.07	2						0 PPM	1050
30									
36	3561.08	3						0 PPM	1050
42									
			SAND, med./ coarse						
48			Groundwater Sample H2O @ 40"						
54									
60									
66	3561.09	4						0 PPM	1100
72									
78									
84									

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5-B58

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 5-11-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	VOA+15	METALS	PEST,PCB,BNA	%-SOLIDS	HNU	TIME
0			TURF						
			SAND, fine/ medium - dk. brown/ orange						
6	3561.10	1						0 PPM	1310
12									
18			SAND, Well Graded, medium - orange						
24	3561.11	2						0 PPM	1315
30									
36	3561.12	3						0 PPM	1315
			SAND, med./ coarse - orange w/ small md. gravels						
42			SAND, Well Graded, coarse - orange w/ small md. gravels						
48			Groundwater Sample H2O @ 45"						
54									
60									
66	3561.13	4						0 PPM	1325
72									
78									
84									

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5-B59

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 5-11-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	VOA+15	METALS	PEST,PCB,BNA	%-SOLIDS	HNU	TIME
0			TURF						
6	3561.14	1	SAND, fine/ medium - dk. brown					0 PPM	1410
12									
18			SAND, Well Graded, medium - orange - w/ small rnd. gravels						
24	3561.15	2						0 PPM	1420
30			SAND, med./ coarse - orange w/ small rnd. gravels						
36	3561.16	3						0 PPM	1420
42									
48			Groundwater Sample H2O @ 45"						
54									
60									
66	3561.17	4						0 PPM	1430
72									
78									
84									

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5-B60

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 5-14-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	VOA+15	METALS	PEST,PCB,BNA	%-SOLIDS	HNU	TIME
0			TURF						
6	3567.02	1	SAND, med./ fine - or./ brown					0 PPM	0930
12									
18			CLAYEY SILT, - orange						
24	3567.03	2						0 PPM	0943
30			Groundwater Sample H2O @ 46"						
36	3567.04	3						0 PPM	0943
42									
48									
54									
60									
66	3567.05	4						0 PPM	0950
72									
78									
84									

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5-B61

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 5-14-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	VOA+15	METALS	PEST,PCB,BNA	%-SOLIDS	HNU	TIME
0			TURF						
			CLAYEY SAND, fine - olive green/ brown						
6	3567.06	1						0 PPM	1038
12									
18			CLAYEY SILT, olive green/ orange						
			SAND, Well Graded, medium - orange						
24	3567.07	2	SAND, med./ fine - orange					0 PPM	1045
30									
36	3567.08	3						0 PPM	1050
			SAND, med./ coarse - orange w/ small rnd. gravels						
42									
48			Groundwater Sample H2O @ 46"						
54									
60									
66	3567.09	4						0 PPM	1059
72									
78									
84									

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5-B62

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 5-14-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	VOA+15	METALS	PEST,PCB,BNA	%-SOLIDS	HNU	TIME
0			TURF						
			CINDERS						
6			SAND, med./ coarse - orange						
	3567.10	1	CLAYEY SAND, fine - olive green					0 PPM	1135
12									
			SAND, medium - iron stained						
18									
			SAND, Well Graded, medium - dk. olive green						
24	3567.11	2	SAND, med./ fine - ol. green/ orange w/ small rnd. gravels					2 PPM	1140
30	3567.12	3						0 PPM	1140
36									
42			CLAYEY SAND, fine - black w/ organic matl. present						
48			Groundwater Sample H2O @ 42"						
54									
60									
66	3367.13	4						0 PPM	1150
72									
78									
84									

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5-B63

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 5-14-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	VOA+15	METALS	PEST,PCB,BNA	%-SOLIDS	HNU	TIME
0			LEAF DEBRIS						
6	3567.14	1	SAND, medium - dk. brown					200 PPM	1330
12									
18	3567.15	2						800 PPM	1405
24	3567.16	3	SAND, medium - or./ brown					500 PPM	1410
30	3567.17	4						700 PPM	1410
36			SAND, med./ coarse - olive green/ tan w/ small sub- rnd. gravels						
42									
48			SAND, coarse - orange w/ small rnd. gravels Groundwater Sample H2O @ 42"						
54									
60									
66	3567.18	5						0 PPM	1420
72									
78									
84									

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5-B64

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED	: 5-14-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J-1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	: 1" PVC [.10 SLOT SCREEN]		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	VOA+15	METALS	PEST,PCB,BNA	%-SOLIDS	HNU	TIME
0			TURF						
6	3567.19	1	SAND, medium - dk. brown					0 PPM	1505
12									
18									
24	3567.20	2	SAND, medium - tan/ orange					0 PPM	1510
30	3567.21	3						0 PPM	1510
36			SAND, medium - orange w/ small rnd. gravels						
42									
48			SAND, coarse - orange Groundwater Sample H2O @ 42"						
54									
60									
66	3567.22	4						0 PPM	1517
72									
78									
84									

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5-B65

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 5-15-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	VOA+15	METALS	PEST,PCB,BNA	%-SOLIDS	HNU	TIME
0			TURF w/ cinders						
6	3571.02	1	SAND, medium - iron stained					0 PPM	1020
12									
18			SAND, fine dk. brown w/ coal frags.						
24	3571.03	2						0 PPM	1035
			SAND, Well Graded, medium - tan						
30	3571.04	3						0 PPM	1035
36									
42			SILTY SAND, brown						
48			Groundwater Sample H2O @ 42"						
54									
60									
66	3571.05	4						0 PPM	1040
72									
78									
84									

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5-B66

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 5-15-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	VOA+15	METALS	PEST,PCB,BNA	%-SOLIDS	HNU	TIME
0			TURF w/ cinders						
6	3571.06	1	SAND, medium - or./ dk. brown					0 PPM	1130
12									
18									
24	3571.07	2	SAND, medium dk. brown/ tan.					0 PPM	1138
30	3571.08	3	SAND, Well Graded, medium - tan					0 PPM	1138
36									
42									
48			Groundwater Sample H2O @ 42"						
54									
60									
66	3571.09	4						0 PPM	1148
72									
78									
84									

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5-B67

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 5-15-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	VOA+15	METALS	PEST,PCB,BNA	%-SOLIDS	HNU	TIME
0			TURF w/ cinders						
6	3571.10	1	SAND, medium - iron stained					0 PPM	1340
12									
18			SAND, medium dk. brown						
24	3571.11	2	SAND, Well Graded, medium - tan					0 PPM	1350
30									
36			SAND, med./ coarse w/ small md. gravels						
			SAND, medium - gray						
42			SAND, Well Graded, coarse - orange w/ small md. gravels						
48			Groundwater Sample H2O @ 32"						
54	3571.12	3						0 PPM	1400
60									
66									
72									
78									
84									

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5-B68

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 5-15-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	VOA+15	METALS	PEST,PCB,BNA	%-SOLIDS	HNU	TIME
0			TURF						
			CINDERS and mixed sands						
6	3571.13	1						0 PPM	1430
12			SAND, medium - orange						
18			SAND, medium blk./ gray						
			CLAYEY SAND, fine - olive green						
24	3571.14	2	SAND, fine - blk./ dk. gray					0 PPM	1440
30	3571.15	3	SAND, Well Graded, medium - tan					0 PPM	1440
36			SAND, medium - tan/ olive green						
42									
48			Groundwater Sample H2O @ 46"						
54									
60									
66	3571.16	4						0 PPM	1450
72									
78									
84									

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5-B69

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED	: 5-15-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J-1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	: 1" PVC [.10 SLOT SCREEN]		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	VOA+15	METALS	PEST,PCB,BNA	%-SOLIDS	HNU	TIME
0			TURF						
6	3571.17	1	SAND, medium - dk. brown					0 PPM	1520
12									
18			SAND, medium - orange						
24	3571.18	2						0 PPM	1530
30	3571.19	3						0 PPM	1530
36			SAND, med./ coarse - orange w/ small md. gravels						
42									
48			Groundwater Sample H2O @ 40"						
54									
60									
66	3571.20	4						0 PPM	1540
72									
78									
84									

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5-B70

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 5-18-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	VOA+15	METALS	PEST,PCB,BNA	%-SOLIDS	HNU	TIME
0			TURF						
6	3576.02	1	SAND, medium/ fine - orange					0 PPM	1025
12									
18			CLAYEY SILT, - olive green						
			SAND, and cinders						
24	3576.03	2						0 PPM	1035
			SAND, fine w/ some cinders						
30	3576.04	3	CINDERS and mixed sands					0 PPM	1040
36									
42									
48			Groundwater Sample H2O @ 46"						
54									
60									
66	3576.05	4						0 PPM	1050
72									
78									
84									

02-25-1999 X:\MTECH5\M5\m5-b070.bor

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5-B71

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 5-18-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	VOA+15	METALS	PEST,PCB,BNA	%-SOLIDS	HNU	TIME
0			TURF/ clayey fine sand - olive green						
6			CLAYEY SILT, and fine sand - brown/ orange						
	3576.06	1						0 PPM	1120
12									
18			SAND, fine/ medium - w/ some clay - or./ olive green						
			CINDERS, coal frags, and burnt matl.						
24	3576.07	2						0 PPM	1135
30	3576.08	3						0 PPM	1140
36									
42									
48			Groundwater Sample H2O @ 40"						
54									
60									
66	3576.09	4						0 PPM	1045
72									
78									
84									

02-25-1999 X:\MTECH5\M5\m5-b071.bor

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5-B72

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 5-18-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	VOA+15	METALS	PEST,PCB,BNA	%-SOLIDS	HNU	TIME
0			TURF						
6	3576.10	1	SAND, fine/ medium - tan/ brown w/ some cinder material					0 PPM	1340
12									
18			SAND, medium - orange						
24	3576.11	2	SANDY CLAY, fine - olive green w/ wood debris					0 PPM	1355
			SANDY SILT, - brown w/ brick debris						
30	3576.12	3	SANDS, mixed w/ cinders and small angular gravels					0 PPM	1400
36									
42									
48			Groundwater Sample H2O @ 38"						
54									
60									
66	3576.13	4						0 PPM	1410
72									
78									
84									

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5-B73

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 5-18-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	VOA+15	METALS	PEST,PCB,BNA	%-SOLIDS	HNU	TIME
0			TURF						
			SAND, medium - orange/ dk. brown						
6	3576.14	1						0 PPM	1510
12									
18			SAND, medium - dk. brown w/ small angular gravels						
24	3576.15	2	SAND, medium - olive green					0 PPM	1518
30			SAND, med./ fine - or./ tan						
36									
42			SAND, med./ coarse - tan						
48			Groundwater Sample H2O @ 30"						
54									
60									
66	3576.16	3						0 PPM	1523
72									
78									
84									

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5-B74

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 5-19-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	VOA+15	METALS	PEST,PCB,BNA	%-SOLIDS	HNU	TIME
0			TURF						
			SANDS and cinders						
6	3580.02	1	SAND, fine/ medium - brown/ orange					0 PPM	0845
12									
18			SAND, fine/ medium - dk. brown/ olive green						
24	3580.03	2	SAND, med./ fine - tan w/ small md. gravels					0 PPM	0850
30									
36			SAND, coarse - tan						
42	3580.04	3						0 PPM	0900
48			Groundwater Sample H2O @ 30"						
54									
60									
66									
72									
78									
84									

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5-B75

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 5-19-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	VOA+15	METALS	PEST,PCB,BNA	%-SOLIDS	HNU	TIME
0			TURF and cinders						
6	3580.05	1	SAND, med./ fine - tan/ orange					0 PPM	0930
12									
18			SAND, medium - orange/ tan						
24	3580.06	2						0 PPM	0940
30									
36			SAND, medium - tan/ orange w/ small md. gravels						
42									
48	3580.07	3	Groundwater Sample H2O @ 30"					0 PPM	0950
54									
60									
66									
72									
78									
84									

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5-B76

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 5-19-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	VOA+15	METALS	PEST,PCB,BNA	%-SOLIDS	HNU	TIME
0			TURF and cinders						
6	3580.08	1	SAND, med./ fine - tan/ orange					0 PPM	1050
12									
18			SAND, medium - orange/ tan						
24	3580.09	2						0 PPM	1103
30									
36			SAND, medium - tan/ orange w/ small md. gravels						
42	3580.10	3						0 PPM	1108
48			Groundwater Sample H2O @ 30"						
54									
60									
66									
72									
78									
84									

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5-B77

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 5-19-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	VOA+15	METALS	PEST,PCB,BNA	%-SOLIDS	HNU	TIME
0			TURF and cinders						
6	3580.11	1	SAND, med./ fine - olive green/ orange					0 PPM	1140
12									
18			SAND, fine - tan						
24									
30	3580.12	2	SAND, medium and silty clay - dk. gray, w/ cinders					0 PPM	1150
36			SAND, medium and silty clay - dk. brown						
42									
48	3580.13	3	Groundwater Sample H20 @ 34"					0 PPM	1200
54									
60									
66									
72									
78									
84									

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5-B78

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 5-19-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	VOA+15	METALS	PEST,PCB,BNA	%-SOLIDS	HNU	TIME
0			TURF						
			SAND, med./ fine - or./ brown w/ small rnd. gravels						
6	3580.14	1						0 PPM	1320
12									
18			SAND, medium - orange						
24	3580.15	2						0 PPM	1325
30									
			SAND, medium/ fine w/ cinders and black silt matl.						
36	3580.16	3	SAND, medium and silty clay - dk. brown					2 PPM	1330
42									
48			Groundwater Sample H20 @ 42"						
54									
60									
66	3580.17	4						0 PPM	1340
72									
78									
84									

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5-B79

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 5-19-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	VOA+15	METALS	PEST,PCB,BNA	%-SOLIDS	HNU	TIME
0			TURF						
6	3580.18	1	SAND, medium - orange					0 PPM	1415
12									
18									
24	3580.19	2						0 PPM	1420
30									
36	3580.20	3						0 PPM	1420
			COAL and cinders - black						
42									
48			Groundwater Sample H2O @ 46"						
54									
60									
66	3580.21	4						0 PPM	1430
72									
78									
84									

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5-B80

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 5-19-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	VOA+15	METALS	PEST,PCB,BNA	%-SOLIDS	HNU	TIME
0			TURF						
6	3580.22	1	SAND, medium - orange					0 PPM	1540
12									
18									
24	3580.23	2						0 PPM	1545
30									
36	3580.24	3	CLAYEY SILT, fine - dk. gray/ black					0 PPM	1548
42									
48			Groundwater Sample H2O @ 38"						
54	3580.25	4						0 PPM	1555
60									
66									
72									
78									
84									

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5-B81

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 5-19-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	VOA+15	METALS	PEST,PCB,BNA	%-SOLIDS	HNU	TIME
0			TURF						
6	3580.26	1	SAND, fine/ medium - or./ lt olive green					0 PPM	1700
12									
18			CLAYEY SAND, fine - ol. green						
24	3580.27	2						0 PPM	1705
30			SAND, medium - orange/ tan w/ mottled iron stained lens						
36	3580.28	3						0 PPM	1710
42			SAND, med./ coarse - olive green/ orange						
48			Groundwater Sample H2O @ 46"						
54									
60									
66	3580.29	4						0 PPM	1715
72									
78									
84									

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5-B82

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 5-19-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	VOA+15	METALS	PEST,PCB,BNA	%-SOLIDS	HNU	TIME
0			TURF						
6	3580.30	1	SAND, med./ fine - or./ tan					0 PPM	1725
12									
18									
24	3580.31	2						0 PPM	1735
30			SAND, medium - tan/ orange						
36	3580.32	3						0 PPM	1740
42			SAND, medium - ol. green/ tan						
48			Groundwater Sample H2O @ 46"						
54									
60									
66	3580.33	4						0 PPM	1750
72									
78									
84									

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5-B83

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 5-19-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	VOA+15	METALS	PEST,PCB,BNA	%-SOLIDS	HNU	TIME
0			TURF						
6	3580.34	1	SAND, medium - or./ tan					0 PPM	1830
12									
18									
24	3580.35	2						0 PPM	1845
30									
36	3580.36	3	SAND, medium/ coarse - tan					0 PPM	1850
42									
48			Groundwater Sample H2O @ 40"						
54	3580.37	4						0 PPM	1900
60									
66									
72									
78									
84									

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5-B84

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 5-20-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	VOA+15	METALS	PEST,PCB,BNA	%-SOLIDS	HNU	TIME
0			TURF						
6	3584.02	1	SAND, medium/ fine - tan/ dk. brown					0 PPM	0910
12									
18									
24	3584.03	2	SAND, medium - tan					0 PPM	0915
			CLAYEY SILT, black						
30	3584.04	3	SAND, Well Graded, medium - gray/ tan					0 PPM	0920
36									
42			SAND, Well Graded, coarse - or./ tan						
48			Groundwater Sample H2O @ 40"						
54	3584.05	4						0 PPM	0930
60									
66									
72									
78									
84									

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5-B85

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED	: 5-20-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J-1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	: 1" PVC [.10 SLOT SCREEN]		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	VOA+15	METALS	PEST,PCB,BNA	%-SOLIDS	HNU	TIME
0			TURF						
6	3584.06	1	SAND, fine/ medium - orange					0 PPM	1015
12									
18			CLAYEY SAND, fine - orange						
			SAND, med./ fine - orange						
24	3584.07	2						0 PPM	1025
30									
36	3584.08	3						0 PPM	1030
42			CLAY and silt, fine - orange						
			SAND, medium - olive green						
48			Groundwater Sample H2O @ 46"						
54									
60									
66	3584.09	4						0 PPM	1040
72									
78									
84									

02-25-1999 X:\MTECH5\M5\m5-b085.bor

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5-B86

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 5-20-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	VOA+15	METALS	PEST,PCB,BNA	%-SOLIDS	HNU	TIME
0			TURF						
			SAND, med./ fine - orange						
6	3584.10	1						0 PPM	1135
12									
18			CINDERS						
24	3584.11	2						0 PPM	1145
			SAND, medium - orange						
30			CLAYEY SILT, dk. gray/ black						
36	3584.12	3						0 PPM	1150
42									
48			Groundwater Sample H2O @ 40"						
54	3584.13	4						0 PPM	1158
60									
66									
72									
78									
84									

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5-B87

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 5-20-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	VOA+15	METALS	PEST,PCB,BNA	%-SOLIDS	HNU	TIME
0			TURF						
			SAND, med./ fine - orange						
6	3584.14	1						0 PPM	1310
12									
18			CINDERS						
24	3584.15	2						0 PPM	1315
30			SAND, medium - orange						
			CLAYEY SILT, dk. gray/ black						
36	3584.16	3						0 PPM	1320
42									
48			Groundwater Sample H2O @ 40"						
54	3584.17	4						0 PPM	1330
60									
66									
72									
78									
84									

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5-B88

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 5-20-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	VOA+15	METALS	PEST,PCB,BNA	%-SOLIDS	HNU	TIME
0			TURF						
			CINDERS						
6	3584.18	1						0 PPM	1420
12									
18									
			SAND, fine - or./ brown						
24	3584.19	2						0 PPM	1430
			CINDERS						
30									
36									
			CINDER matl. w/ some clayey silt and fine sand dk. gray/ black						
42									
48			Groundwater Sample H2O @ 33"						
54	3584.21	3						0 PPM	1445
60									
66									
72									
78									
84									

02-25-1999 X:\MTECH5\M5\m5-b088.bor

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5-B89

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 5-20-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	VOA+15	METALS	PEST,PCB,BNA	%-SOLIDS	HNU	TIME
0			TURF						
			CINDERS						
6	3584.22	1						0 PPM	1525
12									
18									
24	3584.23	2	CLAYEY SAND, fine - olive green					0 PPM	1530
30	3584.24	3						3 PPM	1539
36									
42									
48			Groundwater Sample H2O @ 33"						
54	3584.25	4						0 PPM	1543
60									
66									
72									
78									
84									

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5-B90

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 5-20-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	VOA+15	METALS	PEST,PCB,BNA	%-SOLIDS	HNU	TIME
0			TURF						
			SAND,fine - lt. brown						
6		1		3584.26				0 PPM	1612
			SAND, fine - reddish color [poss. degraded brick]						
12									
18			SANDY SILT, dk. brown and loamy fill matl.						
24		2		3584.27				0 PPM	1618
			CLAYEY SILT, fine reddish color						
30		3		3584.28				0 PPM	1623
			SAND, medium - brown w/ glass frags.						
36			CINDERS						
42									
48			Groundwater Sample H2O @ 38"						
54		4		3584.29				0 PPM	1635
60									
66									
72									
78									
84									

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5-B91

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 5-20-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	VOA+15	METALS	PEST,PCB,BNA	%-SOLIDS	HNU	TIME
0			TURF						
6	3584.30	1	SAND,med./ fine - dk. brown					0 PPM	1700
12									
18			CLAYEY SAND, fine - olive green						
			SAND, Well Graded, medium - brown						
24	3584.31	2						0 PPM	1705
			SAND, Well Graded, medium - orange						
30	3584.32	3						0 PPM	1710
36			SAND, medium/ coarse - tan						
42									
48			Groundwater Sample H2O @ 38"						
54	3584.33	4						0 PPM	1716
60									
66									
72									
78									
84									

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SELFM-PW-EV

LOG OF BORING M5-B92

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 5-20-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	VOA+15	METALS	PEST,PCB,BNA	%-SOLIDS	HNU	TIME
0			TURF						
			CINDERS						
6	3584.34	1	SAND, medium - brown					0 PPM	1730
12									
18									
24	3584.35	2						0 PPM	1740
			SAND, Well Graded, medium - orange						
30	3584.36	3						0 PPM	1745
			SAND, med./ coarse - or./ tan						
36									
42									
48			Groundwater Sample H2O @ 38"						
54	3584.37	4						0 PPM	1755
60									
66									
72									
78									
84									

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FORT MONMOUTH
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LOG OF BORING M5-B93

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 5-21-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	VOA+15	METALS	PEST,PCB,BNA	%-SOLIDS	HNU	TIME
0			TURF						
			SAND, med./ fine - or./ brown						
6	3588.02	1						0 PPM	1110
12									
18			SANDY LOAM, fine - black [organics present]						
24	3588.03	2	SAND, medium - brown					0 PPM	1115
			SAND, medium - orange						
30	3588.04	3						0 PPM	1120
			SAND, med./ coarse - olive green/ tan						
36									
42									
48			Groundwater Sample H2O @ 38"						
54	3588.05	4						0 PPM	1130
60									
66									
72									
78									
84									

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5-B94

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 5-21-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	VOA+15	METALS	PEST,PCB,BNA	%-SOLIDS	HNU	TIME
0			TURF						
			SAND, med./ fine - or./ lt. brown						
6	3588.06	1						0 PPM	1310
12									
18									
24	3588.07	2	SAND, med. - orange					0 PPM	1315
30	3588.08	3						0 PPM	1320
36			CLAYEY SAND, fine - orange						
			SAND, fine - orange						
			SAND, med./ coarse - olive green/ tan						
42									
48			Groundwater Sample H2O @ 38"						
54	3588.09	4						0 PPM	1330
60									
66									
72									
78									
84									

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5-B95

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 5-21-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	VOA+15	METALS	PEST,PCB,BNA	%-SOLIDS	HNU	TIME
0			TURF						
			CINDERS, brick and coal debris						
6	3588.10	1						0 PPM	1420
12									
18			SAND, medium - tan						
24	3588.11	2						0 PPM	1425
30			CLAY, tan						
36	3588.12	3						0 PPM	1430
42			SILTY SAND, - orange w/ some cinder matl.						
48			Groundwater Sample H2O @ 46"						
54									
60									
66	3588.13	4						0 PPM	1440
72									
78									
84									

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5-B96

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 5-21-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	VOA+15	METALS	PEST,PCB,BNA	%-SOLIDS	HNU	TIME
0			TURF						
			SAND, med./ fine - brown						
6			CINDERS						
	3588.14	1						0 PPM	1510
12									
18									
24	3588.15	2						0 PPM	1515
30									
36	3588.16	3						0 PPM	1520
42									
48			Groundwater Sample H2O @ 46"						
54									
60									
66	3588.17	4						0 PPM	1530
72									
78									
84									

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5-B97

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 5-21-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	VOA+15	METALS	PEST,PCB,BNA	%-SOLIDS	HNU	TIME
0			TURF						
			SAND, fine - tan w/ cinders						
6	3588.18	1						0 PPM	1600
12									
18			CINDERS						
24	3588.19	2						0 PPM	1610
30	3588.20	3						3 PPM	1615
			SAND, fine - black w/ cinders						
36									
42									
48			Groundwater Sample H2O @ 46"						
54									
60									
66	3588.21	4						0 PPM	1620
72									
78									
84									

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FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5-B98

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED	: 5-21-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J-1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	: 1" PVC [.10 SLOT SCREEN]		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	VOA+15	METALS	PEST,PCB,BNA	%-SOLIDS	HNU	TIME
0			TURF						
6			CINDERS						
	3588.22	1						0 PPM	1650
12									
18									
24	3588.23	2						0 PPM	1700
30			CLAYEY SAND, fine - olive green/ orange [mottled]						
36	3588.24	3						0 PPM	1705
42									
48			Groundwater Sample H2O @ 46"						
54									
60									
66	3588.25	4						0 PPM	1711
72									
78									
84									

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LOG OF BORING M5-B99

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 5-26-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	VOA+15	METALS	PEST,PCB,BNA	%-SOLIDS	HNU	TIME
0			TURF						
			SAND, med./ fine and cinders						
6	3593.02	1						0 PPM	0920
12									
18									
			CLAYEY SAND, medium - olive green/ yl. orange						
24	3593.03	2						0 PPM	0930
			CLAYEY SAND, fine - olive green						
30									
36									
42									
48			Groundwater Sample H2O @ 33"						
54	3593.04	3						0 PPM	0938
60									
66									
72									
78									
84									

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FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5-B-158

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 6-17-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME
0			SAND, medium/fine - dark gray with some gravel		
6	3665.12	1	SAND, medium - brown	0 PPM	1505
12					
18			SAND, medium/fine - orange		
24	3665.13	2		0 PPM	1510
30	3665.14	3		0 PPM	1520
36			SAND, medium/coarse - orange/olive green		
42			SAND, coarse - with some gravel		
48	3665.15	4	Groundwater Sample H2O @33"	0 PPM	1530
54					
60					
66					
72					
78					
84					
90					
96					

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5-B-159

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 6-17-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME
0			TURF SILTY SAND, fine - dark brown		
			CINDER MATERIAL		
6	3665.16	1		0 PPM	1615
			SAND, medium/fine - orange		
12					
18					
24	3665.17	2		0 PPM	1620
			SAND, medium/coarse - orange with some gravel		
30					
36					
42	3665.18	3		0 PPM	1630
48			Groundwater Sample H2O @ 26"		
54					
60					
66					
72					

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FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5-B-160

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 6-17-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME
0			TURF		
6	3665.19	1	SAND, medium/fine - orange/brown	0 PPM	1700
12					
18					
24	3665.20	2	SAND, medium - orange	0 PPM	1710
30			SAND, medium/fine - dark brown with some silt		
36					
42	3665.21	3	SAND, medium/coarse - brown/olive green	0 PPM	1715
48			Groundwater Sample H2O @ 26"		
54					
60					
66					
72					

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SELFM-PW-EV

LOG OF BORING M5-B-161

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 6-17-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME
0			TURF		
			SAND, medium/fine - orange with some round gravel		
6	3665.22	1		0 PPM	1755
12					
18					
24	3665.23	2		0 PPM	1805
30					
36					
42	3665.24	3		0 PPM	1815
48			Groundwater Sample H2O @ 27"		
54					
60					
66					
72					

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SELFM-PW-EV

LOG OF BORING M5-B-162

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 6-26-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME
0			Mixed sands and cinders		
6	3686.04	1		0 PPM	1140
12					
18	3686.05	2		0 PPM	1145
24					
30					
36	3686.06	3		0 PPM	1158
42					
48			Groundwater Sample H2O @ 18"		
54					
60					
66					
72					

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SELFM-PW-EV

LOG OF BORING M5-B-163

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED	: 6-26-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J-1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	: 1" PVC [.10 SLOT SCREEN]		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME
0			Mixed sands silts and clays with building debris throughout		
6	3686.07	1		0 PPM	1315
12					
18	3686.08	2		0 PPM	1330
24					
30					
36	3686.09	3		0 PPM	1345
42					
48			Groundwater Sample H2O @ 19"		
54					
60					

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SELFM-PW-EV

LOG OF BORING M5-B-164

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 6-26-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME
0			SAND, fine - gray		
6	3686.10	1		0 PPM	1425
12					
18			SAND, medium - orange		
24	3686.11	2		0 PPM	1430
30					
36	3686.12	3		0 PPM	1440
			SAND, medium/coarse - orange		
42					
48			Groundwater Sample H2O @ 37"		
54	3686.13	4		0 PPM	1450
60					
66					
72					
78					
84					

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5-B-165

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 6-29-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME
0			SAND, medium/fine - orange brown		
6	3688.02	1		0 PPM	1035
12					
18					
24	3688.03	2	SAND, medium - orange	0 PPM	1045
30					
36	3688.04	3		0 PPM	1050
42			SAND, medium/coarse - orange with some gravel		
48			Groundwater Sample H2O @ 36"		
54	3688.05	4		0 PPM	1100
60					
66					
72					
78					

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5-B-166

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 6-29-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME
0			SANDY SILT, fine - brown		
6	3688.06	1	SAND and CINDERS - black	0 PPM	1127
12					
18			SAND, medium/fine - CLAYEY SILT, orange		
24	3688.07	2		0 PPM	1135
30			SAND, medium - orange		
			TREE ROOT MATERIAL		
36			SAND, medium/fine - dark gray/black		
	3688.08	3	SAND, medium/coarse - light gray with some gravel	0 PPM	1145
42			SAND, medium/coarse - olive green/orange		
48			Groundwater Sample H2O @ 25"		
54					

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FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5-B-167

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 6-29-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME
0			SAND, medium/fine - orange/brown		
6	3688.09	1		0 PPM	1310
12					
18					
24	3688.10	2	MIXED SANDS, CINDERS and Fill Materials	0 PPM	1315
30					
36	3688.11	3		0 PPM	1320
42			SANDY SILT, fine - black		
48			Groundwater Sample H2O @ 25"		
54					

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FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5-B-168

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 6-29-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME
0			TURF		
			SAND, mixed with cinders and glass with some silts		
6	3688.12	1		0 PPM	1335
12					
18					
24	3688.13	2		0 PPM	1345
30					
36	3688.14	3		0 PPM	1355
42					
			SANDY SILT, black		
48			Groundwater Sample H2O @ 26"		
54					

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5-B-169

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED	: 6-29-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J-1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	: 1" PVC [.10 SLOT SCREEN]		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME
0			TURF, SANDY SILT, fine - brown		
6			SANDS & CINDERS		
	3688.15	1		0 PPM	1440
12					
18					
24	3688.16	2		0 PPM	1450
30					
36					
	3688.17	3		0 PPM	1500
42					
			SILTY SAND, fine - black		
48			Groundwater Sample H2O @ 26"		
54					

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5-B-178

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 7-13-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME
0			SILTY SAND, fine - with < 2% coal fragments		
6	3722.12	1		0 PPM	1345
12			SAND, medium/fine - orange/tan		
18					
24	3722.13	2		0 PPM	1350
30					
36					
42					
48	3722.14	3	Groundwater sample H2O @ 30"	0 PPM	1400
54					
60					
66					
72					

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5-B-179

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 7-13-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME
0			SILTY SAND, fine - gray		
6	3722.15	1		0 PPM	1415
12			SAND, medium/fine - orange/tan		
18					
24	3722.16	2		0 PPM	1425
30			SAND, medium/fine iron staining		
			SAND, coarse - tan with some gravels		
36					
42					
48	3722.17	3	Groundwater sample H2O @ 30"	0 PPM	1435
54					
60					
66					
72					

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5-B-180

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 7-13-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME
0			SILTY SAND, fine - gray/brown		
6	3722.18	1		0 PPM	1510
12					
18			SAND, medium/fine - orange		
24	3722.19	2		0 PPM	1515
30					
36					
42					
48	3722.20	3	Groundwater sample H2O @ 30"	0 PPM	1525
54					
60					
66					
72					

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5-B-181

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 7-13-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME
0			SILTY SAND, fine - brown		
6	3722.21	1		0 PPM	1540
12			SANDY SILT, fine - orange		
18					
24	3722.22	2		0 PPM	1545
30			SAND, medium - tan with some gravel		
			SAND, medium/coarse - tan/orange		
36					
42					
48	3722.23	3	Groundwater sample H2O @ 30"	0 PPM	1555
54					
60					
66					
72					

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5- B197

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 8-12-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME
0			SAND, and silt		
6					
	3805.02	1	Cinders	0 PPM	0935
12					
18					
24	3805.03	2		0 PPM	0940
30					

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5- B198

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED	: 8-12-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J-1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	: 1" PVC [.10 SLOT SCREEN]		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME
0			SAND, and silt		
6					
			Cinders		
	3805.04	1		0 PPM	0957
12					
18					
24	3805.05	2		0 PPM	0955
30					

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5- B199

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 8-12-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME
0			SAND, and silt		
6					
	3805.06	1	Cinders	0 PPM	1012
12					
18					
24	3805.07	2		0 PPM	1015
30					

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5- B200

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 8-12-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME
0			SAND, and silt		
6					
	3805.08	1	Cinders	0 PPM	1012
12					
18					
24	3805.09	2		0 PPM	1015
30					

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5- B201

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 8-12-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME
0			SAND, and silt		
6					
	3805.10	1	Cinders	0 PPM	1105
12					
18					
24	3805.11	2		0 PPM	1110
30					

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5- B202

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 8-12-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME
0			SAND, and silt		
6					
	3805.12	1	Cinders	0 PPM	1132
12					
18					
24	3805.13	2		0 PPM	1137
30					

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5- B203

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 8-12-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME
0			TURF		
			Mixed sands and cinders		
6	3805.14	1		0 PPM	1259
12					
			CINDERS		
18					
24	3805.15	2		0 PPM	1302
30					
36					
42					

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5- B204

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED	: 8-12-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J-1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	: 1" PVC [.10 SLOT SCREEN]		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME
0			TURF		
			CINDERS		
6	3805.16	1		0 PPM	1317
12					
18					
24	3805.17	2		0 PPM	1320
30					
36					
42					

02-25-1999 X:\MTECH5\M5\M5-B204.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5- B205

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED	: 8-12-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J-1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	: 1" PVC [.10 SLOT SCREEN]		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME
0			TURF		
			CINDERS		
6	3805.18	1		0 PPM	1334
12					
18					
24	3805.19	2		0 PPM	1338
30					
36					
42					

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5- B206

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 8-12-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME
0			TURF		
			CINDERS		
6	3805.20	1		0 PPM	1350
12					
18					
24	3805.21	2		0 PPM	1355
30					
36					
42					

02-25-1999 X:\MTECH5\M5\m5-206.bor

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5- B207

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 8-12-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME
0			TURF		
			CINDERS		
6	3805.22	1		0 PPM	1429
12					
18					
24	3805.23	2		0 PPM	1430
30					
36					
42					

02-25-1999 X:\MTECH5\M5\M5-B207.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5- B208

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 8-12-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME
0			TURF		
6			CINDERS		
	3805.24	1		0 PPM	1429
12					
18					
24	3805.25	2		0 PPM	1437
30					
36					
42					

02-25-1999 X:\MTECH5\M5\M5-B208.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5- B209

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 8-12-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME
0			TURF		
6			CINDERS		
	3805.26	1		0 PPM	1453
12					
18					
24	3805.27	2		0 PPM	1505
30					
36					
42					

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5- B210

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 8-12-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME
0			TURF		
6			CINDERS		
	3805.28	1		0 PPM	1514
12					
18					
24	3805.29	2		0 PPM	1520
30					
36					
42					

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5- B211

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 8-12-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME
0			TURF		
6			CINDERS		
	3805.30	1		0 PPM	1530
12					
18					
24	3805.31	2		0 PPM	1540
30					
36					
42					

02-25-1999 X:\MTECH5\M5\M5-B211.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5- B212

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 8-13-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME
0			TURF		
			CINDERS		
6	3809.02	1		0 PPM	1044
12					
18					
24	3809.03	2		0 PPM	1048
30					
36					
42					

02-25-1999 X:\MTECH5\M5\M5-B212.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5- B213

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED	: 8-13-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J-1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	: 1" PVC [.10 SLOT SCREEN]		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME
0			TURF		
			CINDERS		
6	3809.04	1		0 PPM	1108
12					
18					
24	3809.05	2		0 PPM	1113
30					
36					
42					

02-25-1999 X:\MTECH5\M5\M5-B213.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5- B214

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 8-13-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME
0			SANDY SILT, fine - brown		
6	3809.06	1	SANDY SILT, w/ clay- brown	0 PPM	1125
12			CLAYEY SILT, dk.brown		
18			CINDERS		
24	3809.07	2		0 PPM	1128
30					
36					
42					

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5- B215

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 8-13-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME
0			SAND, fine - lt. brown		
6	3809.08	1	SAND, medium/fine - orange	0 PPM	1150
12					
18					
24	3809.09	2		0 PPM	1155
30					
36					
42					

02-25-1999 X:\MTECH5\M5\M5-B215.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5- B216

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 8-13-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME
0			SAND, fine - brown		
6	3809.10	1	SAND, fine/ medium - orange	0 PPM	1306
12					
18			CINDERS		
24	3809.11	2		0 PPM	1310
30					
36					
42					

02-25-1999 X:\MTECH5\M5\M5-B216.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5- B217

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED	: 8-13-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J-1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	: 1" PVC [.10 SLOT SCREEN]		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME
0			SAND, fine - lt. brown		
6	3809.12	1		0 PPM	1320
12			CINDERS		
18					
24	3809.13	2		0 PPM	1325
30					
36					
42					

02-26-1999 X:\MTECH5\M5\M5-B217.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5- B218

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 8-13-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME
0			SAND, fine - lt. brown		
6	3809.14	1		0 PPM	1345
12			CINDERS		
18					
24	3809.15	2		0 PPM	1350
30					
36					
42					

02-25-1999 X:\MTECH5\M5\M5-B217.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5- B219

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 8-13-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME
0			SAND, fine - brown		
6			CINDERS		
	3809.16	1		0 PPM	1406
12					
18					
24	3809.17	2		0 PPM	1410
30					
36					
42					

02-25-1999 X:\MTECH5\M5\M5-B219.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5- B220

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 8-13-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME
0			SAND, fine - brown w/ cinder, coal and fill matl.		
6	3809.18	1		0 PPM	1430
12			CINDERS		
18					
24	3809.19	2		0 PPM	1440
30					
36					
42					

02-25-1999 X:\MTECH5\M5\M5-B220.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5- B221

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 8-13-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME
0			SAND, fine - brown		
6	3809.20	1		0 PPM	1520
12			CINDERS		
18					
24	3809.21	2		0 PPM	1525
30					
36					
42					

02-25-1999 X:\MTECHS\M5\M5-B221.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5- B222

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 8-13-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME
0			SAND, fine - brown		
6	3809.22	1		0 PPM	1535
12			CINDERS		
18					
24	3809.23	2		0 PPM	1545
30					
36					
42					

02-25-1999 X:\MTECH5\M5\M5-B222.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5- B223

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 8-14-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME
0			SAND, fine - brown		
6					
	3812.02	1	CINDERS	0 PPM	1007
12					
18					
24	3812.03	2		0 PPM	1010
30					
36					
42					

02-25-1999 X:\MTECH5\M5\M5-B223.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5- B224

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 8-14-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME
0			SAND, fine - brown		
6	3812.04	1		0 PPM	1022
			SAND, fine - brown with some cinders		
12					
18					
24	3812.05	2		0 PPM	1026
30					
36					
42					

02-25-1999 X:\MTECH5\M5\M5-B224.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5- B225

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 8-14-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME
0			SAND, medium/fine - brown		
6	3812.06	1		0 PPM	1046
12					
18					
			CINDERS		
24	3812.07	2		0 PPM	1050
30					
36					
42					

02-25-1999 X:\MTECH5\M5\M5-B225.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5- B226

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED	: 8-14-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J-1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	: 1" PVC [.10 SLOT SCREEN]		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME
0			SAND, medium/fine - brown		
6	3812.08	1		0 PPM	1108
12			CINDERS		
18					
24	3812.09	2		0 PPM	1110
30					
36					
42					

02-25-1999 X:\MTECH5\M5\M5-B226.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5- B227

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 8-14-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME
0			SAND, and clayey silt - black - moist		
6	3812.10	1		0 PPM	1118
12					
18			CINDERS		
24	3812.11	2		0 PPM	1122
30					
36					
42					

02-25-1999 X:\MTECH5\M5\M5-B227.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5- B228

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 8-14-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME
0			SAND, and clayey silt - black - moist		
6	3812.12	1		0 PPM	1145
12					
18			CINDERS		
24	3812.13	2		0 PPM	1150
30					
36					
42					

02-25-1999 X:\MTECH5\M5\M5-B228.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5- B229

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 8-14-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME
0			SAND, fine - brown		
6	3812.14	1		0 PPM	1315
12					
18			CLAYEY SILT, dk. brown		
24	3812.15	2	SAND, medium - iron stained	0 PPM	1320
			CINDERS		
30					
36					
42					

02-25-1999 X:\MTECH5\M5\M5-B229.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5- B230

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED	: 8-14-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J-1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	: 1" PVC [.10 SLOT SCREEN]		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME
0			SAND, fine - brown		
6	3812.16	1		0 PPM	1340
12					
18			Mixed sands and cinders		
24	3812.17	2		0 PPM	1345
30					
36					
42					

02-25-1999 X:\MTECH5\M5\M5-B230.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5- B231

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 8-14-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME
0			SAND, fine - brown		
6	3812.18	1	Mixed sands and cinders	0 PPM	1419
12					
18					
24	3812.19	2		0 PPM	1424
30					
36					
42					

02-25-1999 X:\MTECH5\M5\M5-B231.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5- B232

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED	: 8-25-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J-1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	: 1" PVC [.10 SLOT SCREEN]		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME
0			SAND, fine - lt. brown w/ some small ang. gravels		
6	3827.02	1		0 PPM	1345
12					
18			SAND, medium/fine - brown w/ coal and cinder frags.		
			CINDERS		
24	3827.03	2		0 PPM	1353
30					
36					
42					

02-25-1999 X:\MTECH5\M5\M5-B232.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5- B233

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED	: 8-25-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J-1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	: 1" PVC [.10 SLOT SCREEN]		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME
0			SAND, fine - lt. brown w/ some small ang. gravels		
6	3827.04	1		0 PPM	1415
12					
18			SAND, medium/fine - brown w/ coal and cinder frags.		
			CINDERS		
24	3827.05	2		0 PPM	1420
30					
36					
42					

X:\MTECH5\M5\M5-B233.BOR
02-25-1999

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5- B234

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 8-25-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME
0			SAND, fine/ medium - tan/orange		
6	3827.06	1		0 PPM	1435
12					
18			CINDER and coal matl.		
			SAND, medium/fine - dk. gray w/ organic matl.		
24	3827.07	2		0 PPM	1440
30					
36					
			SAND, medium/fine - gray		
42					
48					

02-25-1999 X:\MTECH5\M5\M5-B234.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5- B235

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 8-25-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME
0			SAND, fine - lt. brown		
6	3827.08	1		0 PPM	1509
12					
18					
			CLAYEY SILT, and cinders.		
24	3827.09	2		0 PPM	1513
			CINDERS		
30					
36					
42					
48					

02-25-1999 X:\MTECH5\M5\M5-B235.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5- B236

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 8-25-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME
0			SAND, fine - lt. brown		
6	3827.10	1		0 PPM	1520
12					
18					
			CLAYEY SILT, and cinders.		
24	3827.11	2		0 PPM	1530
			CINDERS		
30					
36					
42					
48					

02-25-1999 X:\MTECH5\M5\M5-B236.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5- B237

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 8-26-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME
0			SAND, fine - w/ small ang. gravels		
6			Wood matl.		
	3836.02	1	SAND, fine/ medium - orange	0 PPM	0850
12					
18					
			SAND, fine - lt. olive green/ lt. tan		
24	3836.03	2		0 PPM	0856
			Mixed sands and fill matl., cinders, coal, glass, and wood.		
30					
36					
42					
48					

02-25-1999 X:\MTECH5\M5\M5-B237.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5- B238

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED	: 8-26-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J-1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	: 1" PVC [.10 SLOT SCREEN]		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME
0			SAND, fine - orange- w/ small ang. gravels		
6	3836.04	1	SAND, medium/fine - orange	0 PPM	0917
12					
18					
			Mixed sands and fill - cinders, coal, wood, glass and readable newspaper pcs.		
24	3836.05	2		0 PPM	0920
30					
36					
42					
48					

02-25-1999 X:\MTECH5\M5\M5-B238.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5- B239

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 8-26-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME
0			SAND, fine - orange- w/ small ang. gravels		
6	3836.06	1	SAND, fine/ medium - lt. brown	0 PPM	0942
12					
18					
			CLAYEY SILT, olive green/ iron stained		
			CINDERS		
24	3836.07	2		0 PPM	0950
30					
36					
42					
48					

02-25-1999 X:\MTECH5\M5\M5-B239.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5- B240

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED	: 8-26-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J-1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	: 1" PVC [.10 SLOT SCREEN]		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME
0			SAND, fine - brown		
6	3836.08	1		0 PPM	1012
12					
18					
			CINDER and coal matl.		
24	3836.09	2		0 PPM	1018
30					
36					
42					
48					

02-25-1999 X:\MTECH5\M5\M5-B240.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5- B241

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 8-26-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME
0			SAND, fine - brown		
6	3836.10	1	SAND, fine/ medium - lt. brown	0 PPM	1040
12					
18					
24	3836.11	2	CINDER and coal matl.	0 PPM	1045
30					
36					
42					
48					

02-25-1999 X:\MTECH5\M5\M5-B241.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5- B242

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 8-26-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME
0			SAND, fine/ medium - brown		
6	3836.12	1		0 PPM	1108
12					
18					
			SAND, medium - lt. gray/ black		
			CINDERS		
24	3836.13	2		0 PPM	1112
30					
36					
42					
48					

02-25-1999 X:\MTECH5\M5\M5-B242.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5- B243

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 8-26-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME
0			SAND, fine/ medium - orange w/ small ang. rock frags.		
6	3836.14	1		0 PPM	1132
			CLAYEY SILT, and fine sand - brown		
12					
			CLAYEY SAND, fine - olive green		
			SAND, medium - orange		
			CINDERS		
18					
24	3836.15	2		0 PPM	1138
30					
36					
42					
48					

02-25-1999 X:\MTECH5\M5\M5-B243.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5- B244

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 8-26-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME
0	3836.16	1	SAND, fine/ medium - orange w/ coal and small ang. rock frags.	0 PPM	1315
6					
12					
18			CINDERS		
24	3836.17	2		0 PPM	1320
30					
36					
42					
48					

02-25-1999 X:\MTECH5\M5\M5-B244.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5- B245

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 8-26-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME
0			SAND, fine - brown w/ some silt		
6	3836.18	1		0 PPM	1337
12					
18					
			CINDERS		
24	3836.19	2		0 PPM	1342
30					
36					
			SAND, medium/coarse - lt.tan/ brown		
42					
48					

02-25-1999 X:\MTECH5\M5\M5-B245.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5- B246

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 8-26-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME
0			SAND, fine/ medium - brown/ lt.tan		
6	3836.20	1		0 PPM	1355
12					
18					
			CINDERS		
24	3836.21	2		0 PPM	1358
30					
36					
42					
48					

02-25-1999 X:\MTECH5\M5\M5-B246.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5- B247

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 8-26-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME
0			SAND, fine/ medium - lt. brown		
6	3836.22	1		0 PPM	1410
12					
18					
24	3836.23	2	CLAYEY SILT, and fine sand - blk./ orange w/ some olive green	0 PPM	1415
			CINDERS and wood debris		
30					
36					
42					
48					

02-25-1999 X:\MTECH5\M5\M5-B247.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5- B248

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 8-26-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME
0			SAND, fine/ medium - lt. brown		
6	3836.24	1		0 PPM	1430
12			.CLAYEY SILT, and fine sand - olive green		
18					
24	3836.25	2		0 PPM	1436
			CLAY, fine - sand w/ some silt - black		
			CINDERS		
30					
36					
42					
48					

02-25-1999 X:\MTECH5\M5\M5-B248.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5- B249

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 8-26-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME
0			SAND, fine - lt. brown		
6	3836.26	1		0 PPM	1448
12					
18			CLAYEY SILT, brown		
			CINDERS		
24	3836.27	2		0 PPM	1450
30					
36					
42					
48					

02-25-1999 X:\MTECH5\M5\M5-B249.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5- B250

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED	: 8-26-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J-1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	: 1" PVC [.10 SLOT SCREEN]		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME
0			SAND, fine - brown		
6	3836.28	1		0 PPM	1508
12					
18					
			SAND, fine - olive green		
24	3836.29	2		0 PPM	1514
30					
36			Loamy peat like material		
			SAND, medium - lt. gray/ olive green		
42			NATIVE SOILS APPEARANCE		
48					

02-25-1999 X:\MTECH5\M5\M5-B250.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5- B251

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 8-26-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME
0			SAND, fine - lt. brown		
6	3836.30	1		0 PPM	1527
12					
18					
			SAND, medium/coarse - orange/ brown		
24	3836.31	2		0 PPM	1532
30					
36			SAND, fine - olive green NATIVE SOILS APPEARANCE		
42					
48					

02-25-1999 X:\MTECH5\M5\M5-B251.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5- B252

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 8-26-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME
0			SAND, fine - brown		
6	3836.32	1		0 PPM	1545
12			SILTY SAND, fine - olive green		
18			SAND, fine - orange/ olive green - mottled NATIVE SOILS APPEARANCE		
24	3836.33	2		0 PPM	1550
30					
36					
42					
48					

02-25-1999 X:\MTECH5\M5\M5-B252.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5- B253

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED	: 8-26-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J-1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	: 1" PVC [.10 SLOT SCREEN]		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME
0			SAND, medium/fine - lt. brown		
6	3836.34	1		0 PPM	1608
12					
18					
24	3836.35	2		0 PPM	1613
30					
			SAND, fine - orange w/ olive green mottling NATIVE SOILS APPEARANCE		
36					
42					
48					

02-26-1999 X:\MTECH5\M5\M5-B253.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M5- B254

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M-5 LANDFILL INVESTIGATION

DATE COMPLETED : 8-26-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER : 1" PVC [.10 SLOT SCREEN]

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J-1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME
0			SAND, medium/fine - lt. brown		
6	3836.36	1		0 PPM	1620
12					
18					
24	3836.37	2		0 PPM	1625
30					
			SAND, fine - orange w/ olive green mottling		
36			NATIVE SOILS APPEARANCE		
42					
48					

02-25-1999 X:\MTECH5\M5\M5-B253.BOR

APPENDIX F

Compliance Average Area Names

Appendix F
Compliance Average Area Names
M-5 Landfill
Fort Monmouth, New Jersey

Compliance Area Name:	**AREA VOC-1**	**Boring ID**
		B15
		B23
		B24
		B32
		B40

Compliance Area Name:	**AREA SVOC-1**	**Boring ID**
		B07
		B08
		B09
		B16
		B17
		B24
		B25
		B26
		B27
		B32
		B33
		B34
		B35
		B39
		B40
		B41
		B42
		B43
		B44
		B67
		B68
		B69
		B70
		B71
		B72
		B75
		B76
		B77
		B78
		B79
		B80
		B83
		B84
		B85
		B86
		B87
		B92
		B93
		B94
		B95
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		B159

B160
B161
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B166
B167
B168
B169
B179
B181
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B200
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B206
B207
B209
B210
B211
B212
B213
B216
B217
B218
B219
B220
B223
B226
B227

Compliance Area Name: **AREA PESTPCB-1** **Boring ID**

B201
B207
B212
B213
B220
B221
B227
B228
B233
B234
B235
B239
B240
B241
B242
B244
B245
B246
B247
B248

B249
B250
B251
B252
B253
B254

Compliance Area Name: **AREA METALS-1** **Boring ID**

B03
B04
B05
B06
B07
B08
B09
B13
B15
B16
B17
B18
B23
B24
B25
B26
B27
B32
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B99
B197
B198
B199
B243

Compliance Area Name: **AREA METALS-2** **Boring ID**

B235
B236
B241
B242
B243
B247
B248