FINAL

Remedial Investigation Report for Near-Surface Soils

M-14 Landfill Site

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

Directorate of Public Works

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EXECUTIVE SUMMARY

To demonstrate compliance equivalence of the existing soil cover over the M-14 Landfill Site with respect to the Solid Waste Disposal Act of 1965, DPW characterized the near-surface soils using 119 borings installed at strategic locations over the site. DPW performed soil borings and obtained soil samples between December 1998 and January 1999. 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 SVOCs, pesticides 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-14 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-14 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-14 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-14 Landfill Site. The M-14 Landfill Site is located on the north bank of Husky Brook, west of Murphy Drive on the Main Post of Fort Monmouth. This RIR presents a compilation of the results of remedial investigation conducted at the M-14 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-14 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 NJDE) 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-14 Landfill Site located at Fort Monmouth. **Section 3.0** describes and summarizes the soil sampling activities conducted at the M-14 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-14 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 630 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-14 Landfill was a former historic fill site located on the north bank of Husky Brook, west of Murphy Drive. The historic fill reportedly contained domestic and industrial wastes. The approximate size of the M-14 Landfill Site area is 300,000 feet^2 (6.9 acres). Based on historical research, the period of operation of the fill site was approximately 1965 to 1966.

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-14 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-14 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 a surface geophysical survey, surface water sampling, groundwater monitoring well installation and sampling and tidal monitoring. 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 0.4 feet, overlaying fill material consisting of concrete rubble, charcoal, wood and glass fragments intermixed with greenish-gray silty coarse to fine sand with little clay and gravel.

2.3 Environmental Setting

The following is a description of the geological/hydrogeological setting of the area surrounding the M-14 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-14 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-14 Landfill Site consists of a thin soil cover (0.4 feet) underlain by fill material. The components of the fill materials observed in the borings consist of concrete rubble, charcoal, wood and glass fragments intermixed with greenish-gray silty coarse to fine sand with little clay and gravel. Groundwater saturation was observed at approximately 4-6 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 south toward Husky Brook.

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-14 Landfill Site is located on the north side and adjacent to Husky Brook, which flows eastward into Oceanport 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-14 Landfill Site is likely to flow southward into Husky Brook.

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-14 Landfill Site. Remedial investigation activities were performed from December 1998 and continued through January 1999. 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-14 Landfill Site are described below.

The DPW characterized the near-surface soils at the M-14 Landfill Site by completing 119 borings (B01-B119) 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 238 soil samples were collected from the 119 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-14 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-14 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-14 Landfill Site were conducted at the Fort Monmouth Environmental Testing Laboratory (FMETL), a New Jersey certified laboratory (Certification No. 13461). The locations of these 119 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-14 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 238 soil samples collected from 119 borings at the M-14 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 119 borings at the M-14 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

The VOC samples were collected from the M-14 Landfill Site soils at a depth of 24 inches bgs. **Table 4-1** presents the results of laboratory analysis of these analyses. There were no exceedences of the NJDEP RDCSCC for any VOCs at any of the 119 soil borings.

4.1.2 SVOCs

SVOC analyses were conducted on soil samples collected from the 119 soil borings at the M-14 Landfill Site (see **Figure 4-1**). 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 eight of the 119 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 (6), Benzo(a)pyrene (8), Benzo(b)fluoranthene (6), Benzo(k)fluoranthene (6), Chrysene (2), Dibenz(a,h)anthracene (2), and Indeno(1,2,3-cd)pyrene (4). **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 six of the site soil samples above the RDCSCC of 0.9 mg/kg. The exceedence concentrations ranged from a minimum of 1.0 mg/kg (B25) to a maximum of 27 mg/kg (B60). The average exceedence concentration for Benzo(a)anthracene is 7.77 mg/kg.

- Benzo(a)pyrene was detected in eight site soil samples above the RDCSCC of 0.66 mg/kg. The exceedence concentrations ranged from a minimum of 0.83 mg/kg (B02) to a maximum of 26 mg/kg (B60). The average exceedence concentration for Benzo(a)pyrene is 5.69 mg/kg.

- Benzo(b)fluoranthene was detected in six 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 (B08, B25) to a maximum of 23 mg/kg (B60). The average exceedence concentration for Benzo(b)fluoranthene exceedences is 6.77 mg/kg.

- Benzo(k)fluoranthene was detected in six of the site soil samples above the RDCSCC of 0.9 mg/kg. The exceedence concentrations ranged from a minimum of 1.3 mg/kg (B25) to a maximum of 25 mg/kg (B60). The average exceedence concentration for Benzo(k)fluoranthene is 6.45 mg/kg.

- Chrysene was detected in two site soil samples above the RDCSCC of 9.0 mg/kg. The exceedence concentrations ranged from a minimum of 11 mg/kg (B76) to a maximum of 29 mg/kg (B60). The average exceedence concentration for Chrysene is 20.0 mg/kg.

- Dibenz(a,h)anthracene was detected in two of the site soil samples above the RDCSCC of 0.66 mg/kg. The exceedence concentrations ranged from a minimum of 1.1 mg/kg (B60) to a maximum of 1.2 mg/kg (B76). The average of the Dibenz(a,h)anthracene exceedences is 1.15 mg/kg.

- Indeno(1,2,3-cd)pyrene was detected in four of the site soil samples above the RDCSCC of 0.9 mg/kg. The exceedence concentrations ranged from a minimum of 0.95 mg/kg (B112) to a maximum of 13 mg/kg (B60). The average exceedence concentration for Indeno(1,2,3-cd)pyrene is 4.81 mg/kg.

4.1.3 Pesticides and PCBs

Pesticide and PCB analyses were conducted on soil samples collected from the 119 borings at the M-14 Landfill Site (see **Figure 4-2**). Each of these soil samples was collected at approximately the same depth range, 6-12 inches bgs. Each of the 119 borings was analyzed for 19 pesticides and seven PCB compounds.

Soil cleanup criteria for pesticides were exceeded in four of the 119 soil boring locations. The borings that presented exceedences of pesticides are listed in **Table 4-2**. One pesticide was detected in site soils at concentrations above the RDCSCC. The one

pesticide that exceeded the RDCSCC is, with number of exceedences in parentheses, 4,4'-DDT (4). **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'-DDT was detected in four of the site soil samples above the RDCSCC of 2.0 mg/kg. The exceedence concentrations ranged from a minimum of 2.59 mg/kg (B66) to a maximum of 4.142 mg/kg (B115). The average exceedence concentration for 4,4'-DDT is 3.44 mg/kg.

4.1.4 Metals

The soil samples from the 119 borings (see **Figure 4-3**) were analyzed for 24 TAL metals. The samples were collected from depths of 6-12 inches. A total of two metals were detected at concentrations above their respective RDCSCC at 35 of 119 boring locations. The borings that contained exceedences of metals are listed in **Table 4-2**. The two metals that exceeded the RDCSCC in the borings are, with the number of exceedences in parentheses, Arsenic (31) and Beryllium (23). **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 31 of the site soil samples above the RDCSCC of 20 mg/kg. The exceedence concentrations ranged from a minimum of 20.7 mg/kg (B81) to a maximum of 168 mg/kg (B28). The average exceedence concentration for Arsenic is 31.27 mg/kg.

- Beryllium was detected in 23 of the site soil samples above the RDCSCC of 2.0 mg/kg. The exceedence concentrations ranged from a minimum of 2.03 mg/kg (B97) to a maximum of 3.24 mg/kg (B64). The average exceedence concentration for Beryllium is 2.49 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-14 Landfill Site was to complete the soil sampling analysis. The analytical results from the 238 soil samples collected from 119 borings at the M-14 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 4-4** and described below.

Figures 4-1, **4-2** and **4-3** present the analytical results for SVOCs, pesticides and PCBs and metals, respectively, by soil boring, for those analytes that exceeded the RDCSCC at one or more locations. There were no exceedences of the RDCSCC for VOCs; therefore, no figures were generated for VOCs. 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-14 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 4-4**. Compliance average areas were identified within the M-14 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-14 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** (SVOCs), **4-2** (pesticides and PCBs) and **4-3** (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 SVOC-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-14 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-14 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

There were no exceedences of the NJDEP RDCSCC for soils for any VOCs at any of the 119 soil borings. This finding supports a No Further Action determination relative to VOCs in near-surface soils at the M-14 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 two areas, AREA SVOC-1 and AREA SVOC-2. The borings contained within these compliance average areas are labeled in **Figure 4-1** and listed in **Appendix F**. The compliance analysis method for these compounds is presented in **Table 4-4**.

Benzo(a)anthracene (AREA SVOC-1 and AREA SVOC-2)

Benzo(a)anthracene was detected in six of the site soil samples above the RDCSCC of 0.9 mg/kg at concentrations ranging from 1.0 mg/kg to 27 mg/kg (average exceedence concentration of 7.77 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-14 Landfill Site.

Compliance averaging conducted for Benzo(a)anthracene in AREA SVOC-2 yielded the compliance average concentration of 0.659mg/kg. Therefore, the compliance average for Benzo(a)anthracene in AREA SVOC-2 is below the RDCSCC of 0.9 mg/kg and is not of concern.

Due to the limited presence of Benzo(a)anthracene in the area of the 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-14 Landfill Site (AREA SVOC-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 Benzo(a)anthracene in near-surface soils at the M-14 Landfill Site.

Benzo(a)pyrene (AREA SVOC-1 and AREA SVOC-2)

Benzo(a)pyrene was detected in eight site soil samples above the RDCSCC of 0.66 mg/kg at concentrations ranging from 0.83 mg/kg to 26 mg/kg (average exceedence concentration of 5.69 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-14 Landfill Site with respect to Benzo(a)pyrene.

Due to the limited presence of Benzo(a)pyrene in the areas of the M-14 Landfill Site identified as AREA SVOC-1 and AREA SVOC-2 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-14 Landfill Site (AREA SVOC-1 and AREA SVOC-2) 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-14 Landfill Site.

Benzo(b)fluoranthene (AREA SVOC-1 and AREA SVOC-2)

Benzo(b)fluoranthene was detected in six of the site soil samples above the RDCSCC of 0.9 mg/kg at concentrations ranging from 1.2 mg/kg to 23 mg/kg (average exceedence concentration of 6.77 mg/kg). Because the maximum concentration of Benzo(b)fluoranthene was greater than the 10X ceiling limit of 9 mg/kg in AREA SVOC-1, compliance averaging was not appropriate for Benzo(b)fluoranthene for this area of the M-14 Landfill Site.

Compliance averaging was conducted for Benzo(b)fluoranthene in AREA SVOC-2 and found to be 0.598mg/kg. Therefore, the compliance average for Benzo(b)fluoranthene in AREA SVOC-2 is below the RDCSCC of 0.9 mg/kg and is not of concern.

Due to the limited presence of Benzo(b)fluoranthene in the area of the 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(b)fluoranthene at the M-14 Landfill Site (AREA SVOC-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 Benzo(b)fluoranthene in near-surface soils at the M-14 Landfill Site.

Benzo(k)fluoranthene (AREA SVOC-1 and AREA SVOC-2)

Benzo(k)fluoranthene was detected in six of the site soil samples above the RDCSCC of 0.9 mg/kg at concentrations ranging from 1.3 mg/kg to 25 mg/kg (average exceedence concentration of 6.45 mg/kg). Because the maximum concentration of Benzo(k)fluoranthene was greater than the 10X ceiling limit of 9 mg/kg in AREA SVOC-1, compliance averaging was not appropriate for Benzo(k)fluoranthene for this area of the M-14 Landfill Site.

Compliance averaging was conducted for Benzo(k)fluoranthene in AREA SVOC-2 and found to be 0.621 mg/kg. Therefore, the compliance average for Benzo(k)fluoranthene in AREA SVOC-2 is below the RDCSCC of 0.9 mg/kg and is not of concern.

Due to the limited presence of Benzo(k)fluoranthene in the area of the 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(k)fluoranthene at the M-14 Landfill Site (AREA SVOC-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 Benzo(k)fluoranthene in near-surface soils at the M-14 Landfill Site.

Chrysene (AREA SVOC-1)

Chrysene was detected in two site soil samples above the RDCSCC of 9.0 mg/kg at concentrations of 11 mg/kg and 29 mg/kg (average exceedence concentration of 20.0 mg/kg).

Compliance averaging conducted for Chrysene in AREA SVOC-1 yielded the compliance average concentration of 4.005 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-14 Landfill Site.

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

Dibenz(a,h)anthracene was detected in two of the site soil samples above the RDCSCC of 0.66 mg/kg at concentrations ranging from 1.1 mg/kg to 1.2 mg/kg (average exceedence concentration of 1.15 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-14 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-14 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-14 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-14 Landfill Site.

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

Indeno(1,2,3-cd)pyrene was detected in four of the site soil samples above the RDCSCC of 0.9 mg/kg at concentrations ranging from 0.95 mg/kg to 13 mg/kg (average exceedence concentration of 4.81 mg/kg). Because the maximum concentration of Indeno(1,2,3-cd)pyrene was greater than the 10X ceiling limit of 9 mg/kg in AREA SVOC-1, compliance averaging was not appropriate for Indeno(1,2,3-cd)pyrene for this area of the M-14 Landfill Site.

Due to the limited presence of Indeno(1,2,3-cd)pyrene in the area of the M-14 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 Indeno(1,2,3-cd)pyrene at the M-14 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 Indeno(1,2,3-cd)pyrene in near-surface soils at the M-14 Landfill Site.

4.3.3 Pesticides and PCBs

One pesticide was detected in site soils at concentrations above its respective RDCSCC: 4,4'-DDT. For the purposes of compliance analysis, the sample locations with exceedences of the RDCSCC for pesticides have been grouped into two areas, AREA PESTPCB-1 and AREA PESTPCB-2. The borings contained within these compliance average areas are labeled in **Figure 4-2** and listed in **Appendix F**. The compliance analysis method for these compounds is presented in **Table 4-4**.

4,4'-DDT (AREA PESTPCB-1 and AREA PESTPCB-2)

4,4'-DDT was detected in four site soil samples above the RDCSCC of 2.0 mg/kg at concentrations ranging from 2.59 mg/kg to 4.142 mg/kg (average exceedence concentration of 3.44 mg/kg).

Compliance averaging for 4,4'-DDT in AREA PESTPCB-1 yielded the compliance average concentration of 1.154 mg/kg. Therefore, the compliance average for 4,4'-DDT in AREA PESTPCB-1 is below the RDCSCC of 2.0 mg/kg and is not of concern.

Compliance averaging for 4,4'-DDT in AREA PESTPCB-2 yielded the compliance average concentration of 0.808 mg/kg. Therefore, the compliance average for 4,4'-DDT in AREA PESTPCB-2 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'-DDT in near-surface soils at the M-14 Landfill Site.

4.3.4 Metals

Two metals were detected at concentrations above their respective RDCSCC: Arsenic and Beryllium. 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 4-3** 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 31 of the site soil samples above the RDCSCC of 20 mg/kg at concentrations ranging from 20.7 mg/kg to 168 mg/kg (average exceedence concentration of 31.27 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-14 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-14 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-14 Landfill Site.

Beryllium (AREA METALS-1)

Beryllium was detected above the RDCSCC of 2.0 mg/kg in 23 site soil samples at concentrations ranging from 2.03 mg/kg to 3.24 mg/kg (average exceedence concentration of 2.49 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-14 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-14 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-14 Landfill Site.

5.0 CONCLUSIONS AND RECOMMENDATIONS

To demonstrate compliance equivalence of the existing soil cover over the M-14 Landfill Site with respect to the Solid Waste Disposal Act of 1965, DPW characterized the near-surface soils using 119 borings from strategic locations over the site. DPW installed soil borings and obtained soil samples between December 1998 and January 1999. 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 SVOCs, pesticides 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-14 Landfill Site is located within a Class-III-A aquifer (aquitard) zone, which would minimize the possibility of any contamination migrating offsite. The Army is therefore requesting a ***No Further Action*** for these parameters. The DER equivalent may be developed for the entire M-14 Landfill Site or be restricted to the following areas and analytes (see **Figures 4-1, 4-2** and **4-3** for the boundaries of these areas):

- AREA SVOC-1: Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Dibenz(a,h)anthracene and Ideno(1,2,3-cd)pyrene
- AREA SVOC-2: Benzo(a)pyrene
- AREA METALS-1: Arsenic and Beryllium

Given the inactive and undisturbed status of the landfill, the performance of long-term surface water and groundwater monitoring proximate to the M-14 Landfill Site, the negligible impacts reported to-date, the lack of groundwater use at or downgradient of the M-14 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-14 Landfill Site.

6.0 REFERENCES

Brown, G.A. and O.S. Zapecza. 1990. *Results of Test Drilling in Howell Township, Monmouth County, New Jersey.* USGS, West Trenton, NJ.

Cosulich. 1981. *Engineering Design to Accompany Registration Statement, Fort Monmouth, Solid Waste Landfill*. W.F. Cosulich Associates. May 1981.

Jablonski, L.A. 1968, *Groundwater Resources of Monmouth County, New Jersey.* USGS Special Report 23. USGS, Washington, DC.

Minard, J.P. 1969. *Geology of Sandy Hook Quadrangle in Monmouth County, New Jersey*. U.S. Government Printing Office, Washington, DC.

New Jersey Geological Survey Map, 1994

NJDEP (New Jersey Department of Environmental Protection). *Technical Requirements for Site Remediation* (July 1999), NJAC 7:26E, et seq.

NJDEP, *Site Remediation News*, (Spring 1995),Vol. 7, No. 2.

Soil Survey of Monmouth County, New Jersey, USDA Soil Conservation Service, 1989.

USATHAMA (U.S. Army Toxic and Hazardous Materials Agency), 1980. *Installation Assessment of Fort Monmouth*. Report 171. May 1980.

USEPA (U.S. Environmental Protection Agency) Code of Federal Regulations. *Solid Waste Disposal Act of 1965* (Pub. L. 89-272) as amended by the *Resource Recovery Act of 1970* (Pub. L. 91-512)

USGS (U.S. Geological Survey). Long Branch Quadrangle Map, 1981

WESTON (Roy F. Weston, Inc.) 1993. *Investigation of Suspected Hazardous Waste Sites at Fort Monmouth, New Jersey*.

WESTON (Roy F. Weston, Inc.) *Site Investigation Report - Main Post and Charles Wood Areas, Fort Monmouth, New Jersey*. December 1995.

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

TABLES

Table 3-1
Soil Sample Collection Summary
M-14 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")	4156.02	6-12"	12/23/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B01	B01 (24")	4156.03	24"	12/23/1998	Soil	VOCs	Method 8260
B02	B02 (6-12")	4156.04	6-12"	12/23/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B02	B02 (24")	4156.05	24"	12/23/1998	Soil	VOCs	Method 8260
B03	B03 (6-12")	4156.06	6-12"	12/23/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B03	B03 (24")	4156.07	24"	12/23/1998	Soil	VOCs	Method 8260
B04	B04 (6-12")	4156.08	6-12"	12/23/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B04	B04 (24")	4156.09	24"	12/23/1998	Soil	VOCs	Method 8260
B05	B05 (6-12")	4156.10	6-12"	12/23/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B05	B05 (24")	4156.11	24"	12/23/1998	Soil	VOCs	Method 8260
B06	B06 (6-12")	4156.12	6-12"	12/23/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B06	B06 (24")	4156.13	24"	12/23/1998	Soil	VOCs	Method 8260
B07	B07 (6-12")	4159.02	6-12"	12/28/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B07	B07 (24")	4159.03	24"	12/28/1998	Soil	VOCs	Method 8260
B08	B08 (6-12")	4159.04	6-12"	12/28/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B08	B08 (24")	4159.05	24"	12/28/1998	Soil	VOCs	Method 8260
B09	B09 (6-12")	4159.06	6-12"	12/28/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B09	B09 (24")	4159.07	24"	12/28/1998	Soil	VOCs	Method 8260
B10	B10 (6-12")	4159.08	6-12"	12/28/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B10	B10 (24")	4159.09	24"	12/28/1998	Soil	VOCs	Method 8260
B11	B11 (6-12")	4159.10	6-12"	12/28/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B11	B11 (24")	4159.11	24"	12/28/1998	Soil	VOCs	Method 8260
B12	B12 (6-12")	4159.12	6-12"	12/28/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B12	B12 (24")	4159.13	24"	12/28/1998	Soil	VOCs	Method 8260
B13	B13 (6-12")	4159.14	6-12"	12/28/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B13	B13 (24")	4159.15	24"	12/28/1998	Soil	VOCs	Method 8260
B14	B14 (6-12")	4159.16	6-12"	12/28/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B14	B14 (24")	4159.17	24"	12/28/1998	Soil	VOCs	Method 8260
B15	B15 (6-12")	4159.18	6-12"	12/28/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B15	B15 (24")	4159.19	24"	12/28/1998	Soil	VOCs	Method 8260
B16	B16 (6-12")	4159.20	6-12"	12/28/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B16	B16 (24")	4159.21	24"	12/28/1998	Soil	VOCs	Method 8260
B17	B17 (6-12")	4159.22	6-12"	12/28/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B17	B17 (24")	4159.23	24"	12/28/1998	Soil	VOCs	Method 8260
B18	B18 (6-12")	4159.24	6-12"	12/28/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B18	B18 (24")	4159.25	24"	12/28/1998	Soil	VOCs	Method 8260
B19	B19 (6-12")	4159.26	6-12"	12/28/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B19	B19 (24")	4159.27	24"	12/28/1998	Soil	VOCs	Method 8260
B20	B20 (6-12")	4160.02	6-12"	12/29/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B20	B20 (24")	4160.03	24"	12/29/1998	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-14 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")	4160.04	6-12"	12/29/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B21	B21 (24")	4160.05	24"	12/29/1998	Soil	VOCs	Method 8260
B22	B22 (6-12")	4160.06	6-12"	12/29/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B22	B22 (24")	4160.07	24"	12/29/1998	Soil	VOCs	Method 8260
B23	B23 (6-12")	4160.08	6-12"	12/29/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B23	B23 (24")	4160.09	24"	12/29/1998	Soil	VOCs	Method 8260
B24	B24 (6-12")	4160.10	6-12"	12/29/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B24	B24 (24")	4160.11	24"	12/29/1998	Soil	VOCs	Method 8260
B25	B25 (6-12")	4160.12	6-12"	12/29/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B25	B25 (24")	4160.13	24"	12/29/1998	Soil	VOCs	Method 8260
B26	B26 (6-12")	4160.14	6-12"	12/29/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B26	B26 (24")	4160.15	24"	12/29/1998	Soil	VOCs	Method 8260
B27	B27 (6-12")	4160.16	6-12"	12/29/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B27	B27 (24")	4160.17	24"	12/29/1998	Soil	VOCs	Method 8260
B28	B28 (6-12")	4160.18	6-12"	12/29/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B28	B28 (24")	4160.19	24"	12/29/1998	Soil	VOCs	Method 8260
B29	B29 (6-12")	4160.20	6-12"	12/29/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B29	B29 (24")	4160.21	24"	12/29/1998	Soil	VOCs	Method 8260
B30	B30 (6-12")	4162.02	6-12"	12/30/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B30	B30 (24")	4162.03	24"	12/30/1998	Soil	VOCs	Method 8260
B31	B31 (6-12")	4162.04	6-12"	12/30/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B31	B31 (24")	4162.05	24"	12/30/1998	Soil	VOCs	Method 8260
B32	B32 (6-12")	4162.06	6-12"	12/30/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B32	B32 (24")	4162.07	24"	12/30/1998	Soil	VOCs	Method 8260
B33	B33 (6-12")	4162.08	6-12"	12/30/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B33	B33 (24")	4162.09	24"	12/30/1998	Soil	VOCs	Method 8260
B34	B34 (6-12")	4162.10	6-12"	12/30/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B34	B34 (24")	4162.11	24"	12/30/1998	Soil	VOCs	Method 8260
B35	B35 (6-12")	4162.12	6-12"	12/30/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B35	B35 (24")	4162.13	24"	12/30/1998	Soil	VOCs	Method 8260
B36	B36 (6-12")	4162.14	6-12"	12/30/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B36	B36 (24")	4162.15	24"	12/30/1998	Soil	VOCs	Method 8260
B37	B37 (6-12")	4162.16	6-12"	12/30/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B37	B37 (24")	4162.17	24"	12/30/1998	Soil	VOCs	Method 8260
B38	B38 (6-12")	4162.18	6-12"	12/30/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B38	B38 (24")	4162.19	24"	12/30/1998	Soil	VOCs	Method 8260
B39	B39 (6-12")	4162.20	6-12"	12/30/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B39	B39 (24")	4162.21	24"	12/30/1998	Soil	VOCs	Method 8260
B40	B40 (6-12")	4162.22	6-12"	12/30/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B40	B40 (24")	4162.23	24"	12/30/1998	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-14 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")	4162.24	6-12"	12/30/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B41	B41 (24")	4162.25	24"	12/30/1998	Soil	VOCs	Method 8260
B42	B42 (6-12")	4162.26	6-12"	12/30/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B42	B42 (24")	4162.27	24"	12/30/1998	Soil	VOCs	Method 8260
B43	B43 (6-12")	4162.28	6-12"	12/30/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B43	B43 (24")	4162.29	24"	12/30/1998	Soil	VOCs	Method 8260
B44	B44 (6-12")	4162.30	6-12"	12/30/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B44	B44 (24")	4162.31	24"	12/30/1998	Soil	VOCs	Method 8260
B45	B45 (6-12")	4164.02	6-12"	12/31/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B45	B45 (24")	4164.03	24"	12/31/1998	Soil	VOCs	Method 8260
B46	B46 (6-12")	4164.04	6-12"	12/31/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B46	B46 (24")	4164.05	24"	12/31/1998	Soil	VOCs	Method 8260
B47	B47 (6-12")	4164.06	6-12"	12/31/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B47	B47 (24")	4164.07	24"	12/31/1998	Soil	VOCs	Method 8260
B48	B48 (6-12")	4164.08	6-12"	12/31/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B48	B48 (24")	4164.09	24"	12/31/1998	Soil	VOCs	Method 8260
B49	B49 (6-12")	4164.10	6-12"	12/31/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B49	B49 (24")	4164.11	24"	12/31/1998	Soil	VOCs	Method 8260
B50	B50 (6-12")	4164.12	6-12"	12/31/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B50	B50 (24")	4164.13	24"	12/31/1998	Soil	VOCs	Method 8260
B51	B51 (6-12")	4164.14	6-12"	12/31/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B51	B51 (24")	4164.15	24"	12/31/1998	Soil	VOCs	Method 8260
B52	B52 (6-12")	4164.16	6-12"	12/31/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B52	B52 (24")	4164.17	24"	12/31/1998	Soil	VOCs	Method 8260
B53	B53 (6-12")	4164.18	6-12"	12/31/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B53	B53 (24")	4164.19	24"	12/31/1998	Soil	VOCs	Method 8260
B54	B54 (6-12")	4169.02	6-12"	1/5/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B54	B54 (24")	4169.03	24"	1/5/1999	Soil	VOCs	Method 8260
B55	B55 (6-12")	4169.04	6-12"	1/5/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B55	B55 (24")	4169.05	24"	1/5/1999	Soil	VOCs	Method 8260
B56	B56 (6-12")	4169.06	6-12"	1/5/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B56	B56 (24")	4169.07	24"	1/5/1999	Soil	VOCs	Method 8260
B57	B57 (6-12")	4169.08	6-12"	1/5/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B57	B57 (24")	4169.09	24"	1/5/1999	Soil	VOCs	Method 8260
B58	B58 (6-12")	4169.10	6-12"	1/5/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B58	B58 (24")	4169.11	24"	1/5/1999	Soil	VOCs	Method 8260
B59	B59 (6-12")	4169.12	6-12"	1/5/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B59	B59 (24")	4169.13	24"	1/5/1999	Soil	VOCs	Method 8260
B60	B60 (6-12")	4169.14	6-12"	1/5/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B60	B60 (24")	4169.15	24"	1/5/1999	Soil	VOCs	Method 8260

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

Table 3-1
Soil Sample Collection Summary
M-14 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")	4169.16	6-12"	1/5/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B61	B61 (24")	4169.17	24"	1/5/1999	Soil	VOCs	Method 8260
B62	B62 (6-12")	4169.18	6-12"	1/5/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B62	B62 (24")	4169.19	24"	1/5/1999	Soil	VOCs	Method 8260
B63	B63 (6-12")	4169.20	6-12"	1/5/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B63	B63 (24")	4169.21	24"	1/5/1999	Soil	VOCs	Method 8260
B64	B64 (6-12")	4169.22	6-12"	1/5/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B64	B64 (24")	4169.23	24"	1/5/1999	Soil	VOCs	Method 8260
B65	B65 (6-12")	4169.24	6-12"	1/5/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B65	B65 (24")	4169.25	24"	1/5/1999	Soil	VOCs	Method 8260
B66	B66 (6-12")	4169.26	6-12"	1/5/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B66	B66 (24")	4169.27	24"	1/5/1999	Soil	VOCs	Method 8260
B67	B67 (6-12")	4169.28	6-12"	1/5/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B67	B67 (24")	4169.29	24"	1/5/1999	Soil	VOCs	Method 8260
B68	B68 (6-12")	4169.30	6-12"	1/5/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B68	B68 (24")	4169.31	24"	1/5/1999	Soil	VOCs	Method 8260
B69	B69 (6-12")	4169.32	6-12"	1/5/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B69	B69 (24")	4169.33	24"	1/5/1999	Soil	VOCs	Method 8260
B70	B70 (6-12")	4169.34	6-12"	1/5/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B70	B70 (24")	4169.35	24"	1/5/1999	Soil	VOCs	Method 8260
B71	B71 (6-12")	4169.36	6-12"	1/5/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B71	B71 (24")	4169.37	24"	1/5/1999	Soil	VOCs	Method 8260
B72	B72 (6-12")	4173.02	6-12"	1/6/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B72	B72 (24")	4173.03	24"	1/6/1999	Soil	VOCs	Method 8260
B73	B73 (6-12")	4173.04	6-12"	1/6/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B73	B73 (24")	4173.05	24"	1/6/1999	Soil	VOCs	Method 8260
B74	B74 (6-12")	4173.06	6-12"	1/6/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B74	B74 (24")	4173.07	24"	1/6/1999	Soil	VOCs	Method 8260
B75	B75 (6-12")	4173.08	6-12"	1/6/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B75	B75 (24")	4173.09	24"	1/6/1999	Soil	VOCs	Method 8260
B76	B76 (6-12")	4173.10	6-12"	1/6/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B76	B76 (24")	4173.11	24"	1/6/1999	Soil	VOCs	Method 8260
B77	B77 (6-12")	4173.12	6-12"	1/6/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B77	B77 (24")	4173.13	24"	1/6/1999	Soil	VOCs	Method 8260
B78	B78 (6-12")	4173.14	6-12"	1/6/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B78	B78 (24")	4173.15	24"	1/6/1999	Soil	VOCs	Method 8260
B79	B79 (6-12")	4173.16	6-12"	1/6/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B79	B79 (24")	4173.17	24"	1/6/1999	Soil	VOCs	Method 8260
B80	B80 (6-12")	4173.18	6-12"	1/6/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B80	B80 (24")	4173.19	24"	1/6/1999	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-14 Landfill
Fort Monmouth, New Jersey

Boring ID	Field Sample ID	Lab Sample ID	Depth	Date Collected	Matrix	Analytical Parameters	Analytical Methods
B81	B81 (6-12")	4173.20	6-12"	1/6/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B81	B81 (24")	4173.21	24"	1/6/1999	Soil	VOCs	Method 8260
B82	B82 (6-12")	4173.22	6-12"	1/6/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B82	B82 (24")	4173.23	24"	1/6/1999	Soil	VOCs	Method 8260
B83	B83 (6-12")	4173.24	6-12"	1/6/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B83	B83 (24")	4173.25	24"	1/6/1999	Soil	VOCs	Method 8260
B84	B84 (6-12")	4173.26	6-12"	1/6/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B84	B84 (24")	4173.27	24"	1/6/1999	Soil	VOCs	Method 8260
B85	B85 (6-12")	4173.28	6-12"	1/6/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B85	B85 (24")	4173.29	24"	1/6/1999	Soil	VOCs	Method 8260
B86	B86 (6-12")	4173.30	6-12"	1/6/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B86	B86 (24")	4173.31	24"	1/6/1999	Soil	VOCs	Method 8260
B87	B87 (6-12")	4177.02	6-12"	1/7/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B87	B87 (24")	4177.03	24"	1/7/1999	Soil	VOCs	Method 8260
B88	B88 (6-12")	4177.04	6-12"	1/7/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B88	B88 (24")	4177.05	24"	1/7/1999	Soil	VOCs	Method 8260
B89	B89 (6-12")	4177.06	6-12"	1/7/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B89	B89 (24")	4177.07	24"	1/7/1999	Soil	VOCs	Method 8260
B90	B90 (6-12")	4177.08	6-12"	1/7/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B90	B90 (24")	4177.09	24"	1/7/1999	Soil	VOCs	Method 8260
B91	B91 (6-12")	4177.10	6-12"	1/7/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B91	B91 (24")	4177.11	24"	1/7/1999	Soil	VOCs	Method 8260
B92	B92 (6-12")	4177.12	6-12"	1/7/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B92	B92 (24")	4177.13	24"	1/7/1999	Soil	VOCs	Method 8260
B93	B93 (6-12")	4177.14	6-12"	1/7/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B93	B93 (24")	4177.15	24"	1/7/1999	Soil	VOCs	Method 8260
B94	B94 (6-12")	4177.16	6-12"	1/7/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B94	B94 (24")	4177.17	24"	1/7/1999	Soil	VOCs	Method 8260
B95	B95 (6-12")	4177.18	6-12"	1/7/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B95	B95 (24")	4177.19	24"	1/7/1999	Soil	VOCs	Method 8260
B96	B96 (6-12")	4179.02	6-12"	1/11/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B96	B96 (24")	4179.03	24"	1/11/1999	Soil	VOCs	Method 8260
B97	B97 (6-12")	4179.04	6-12"	1/11/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B97	B97 (24")	4179.05	24"	1/11/1999	Soil	VOCs	Method 8260
B98	B98 (6-12")	4179.06	6-12"	1/11/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B98	B98 (24")	4179.07	24"	1/11/1999	Soil	VOCs	Method 8260
B99	B99 (6-12")	4179.08	6-12"	1/11/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B99	B99 (24")	4179.09	24"	1/11/1999	Soil	VOCs	Method 8260
B100	B100 (6-12")	4179.10	6-12"	1/11/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B100	B100 (24")	4179.11	24"	1/11/1999	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-14 Landfill
Fort Monmouth, New Jersey

Boring ID	Field Sample ID	Lab Sample ID	Depth	Date Collected	Matrix	Analytical Parameters	Analytical Methods
B101	B101 (6-12")	4179.12	6-12"	1/11/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B101	B101 (24")	4179.13	24"	1/11/1999	Soil	VOCs	Method 8260
B102	B102 (6-12")	4179.14	6-12"	1/11/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B102	B102 (24")	4179.15	24"	1/11/1999	Soil	VOCs	Method 8260
B103	B103 (6-12")	4179.16	6-12"	1/11/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B103	B103 (24")	4179.17	24"	1/11/1999	Soil	VOCs	Method 8260
B104	B104 (6-12")	4179.18	6-12"	1/11/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B104	B104 (24")	4179.19	24"	1/11/1999	Soil	VOCs	Method 8260
B105	B105 (6-12")	4179.20	6-12"	1/11/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B105	B105 (24")	4179.21	24"	1/11/1999	Soil	VOCs	Method 8260
B106	B106 (6-12")	4179.22	6-12"	1/11/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B106	B106 (24")	4179.23	24"	1/11/1999	Soil	VOCs	Method 8260
B107	B107 (6-12")	4184.02	6-12"	1/12/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B107	B107 (24")	4184.03	24"	1/12/1999	Soil	VOCs	Method 8260
B108	B108 (6-12")	4184.04	6-12"	1/12/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B108	B108 (24")	4184.05	24"	1/12/1999	Soil	VOCs	Method 8260
B109	B109 (6-12")	4184.06	6-12"	1/12/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B109	B109 (24")	4184.07	24"	1/12/1999	Soil	VOCs	Method 8260
B110	B110 (6-12")	4184.08	6-12"	1/12/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B110	B110 (24")	4184.09	24"	1/12/1999	Soil	VOCs	Method 8260
B111	B111 (6-12")	4184.10	6-12"	1/12/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B111	B111 (24")	4184.11	24"	1/12/1999	Soil	VOCs	Method 8260
B112	B112 (6-12")	4184.12	6-12"	1/12/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B112	B112 (24")	4184.13	24"	1/12/1999	Soil	VOCs	Method 8260
B113	B113 (6-12")	4189.02	6-12"	1/13/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B113	B113 (24")	4189.03	24"	1/13/1999	Soil	VOCs	Method 8260
B114	B114 (6-12")	4189.04	6-12"	1/13/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B114	B114 (24")	4189.05	24"	1/13/1999	Soil	VOCs	Method 8260
B115	B115 (6-12")	4189.06	6-12"	1/13/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B115	B115 (24")	4189.07	24"	1/13/1999	Soil	VOCs	Method 8260
B116	B116 (6-12")	4189.08	6-12"	1/13/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B116	B116 (24")	4189.09	24"	1/13/1999	Soil	VOCs	Method 8260
B117	B117 (6-12")	4189.10	6-12"	1/13/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B117	B117 (24")	4189.11	24"	1/13/1999	Soil	VOCs	Method 8260
B118	B118 (6-12")	4189.12	6-12"	1/13/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B118	B118 (24")	4189.13	24"	1/13/1999	Soil	VOCs	Method 8260
B119	B119 (6-12")	4189.14	6-12"	1/13/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B119	B119 (24")	4189.15	24"	1/13/1999	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
M-14 Landfill Site
Fort Monmouth, New Jersey

Lab Sample ID	NJDEP Cleanup Criteria (mg/kg)	4156.02	4156.03	4156.04	4156.05	4156.06	4156.07	4156.08	4156.09	4156.10	4156.11	4156.12	4156.13	4159.02	4159.03	4159.04	4159.05
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")
Sample Date		12/23/98	12/23/98	12/23/98	12/23/98	12/23/98	12/23/98	12/23/98	12/23/98	12/23/98	12/23/98	12/23/98	12/23/98	12/28/98	12/28/98	12/28/98	12/28/98
Volatiles (mg/kg)																	
Acetone	1000		ND		ND		ND		ND		ND		ND		ND		ND
Benzene	3		ND		ND		ND		ND		ND		ND		ND		ND
Methylene Chloride	49		0.72		ND		0.69		ND		0.42J		0.69		0.76		ND
Toluene	1000		ND		ND		ND		ND		ND		ND		ND		ND
Semi-Volatiles (mg/kg)																	
Naphthalene	230	ND		ND		0.13J		ND		ND		ND		ND		1.10	
2-Methylnaphthalene	NLE	ND		0.11J		0.12J		ND		ND		ND		ND		1.10	
Acenaphthylene	NLE	ND		0.38J		0.89J		ND		ND		0.12J		ND		1.10	
Acenaphthene	3400	ND		ND		ND		ND		ND		ND		ND		0.24J	
Dibenzofuran	NLE	ND		ND		ND		ND		ND		ND		ND		0.11J	
Diethylphthalate	10000	ND		ND		ND		0.11J		ND		0.14J		ND		ND	
Fluorene	2300	ND		0.27J		ND		ND		ND		ND		ND		1.00J	
Phenanthrene	NLE	ND		1.90		0.68J		ND		ND		ND		ND		8.40	
Anthracene	10000	ND		0.30J		0.29J		ND		ND		ND		ND		1.00J	
Di-n-butylphthalate	5700	0.66J		0.37J		0.83J		1.4		0.40J		1.6		2.7		1.7	
Fluoranthene	2300	ND		1.60		0.79J		0.15J		0.13J		0.22J		0.12J		4.30	
Pyrene	1700	ND		2.20		1.30		0.15J		0.13J		0.30J		0.15J		6.60	
Benzo[a]anthracene	0.9	ND		0.88J		0.66J		ND		ND		0.17J		ND		2.40	
Chrysene	9	ND		1.20		0.99J		ND		ND		0.24J		0.13J		3.60	
bis(2-Ethylhexyl)phthalate	49	0.23J		0.11J		0.16J		0.13J		ND		0.17J		0.11J		0.13J	
Benzo[b]fluoranthene	0.9	ND		0.72J		0.62J		ND		ND		0.18J		ND		1.20	
Benzo[k]fluoranthene	0.9	ND		0.61J		0.73J		ND		ND		0.20J		ND		1.60	
Benzo[a]pyrene	0.66	ND		0.83J		1.0J		ND		ND		0.27J		ND		2.00	
Indeno[1,2,3-cd]pyrene	0.9	ND		0.27J		0.38J		ND		ND		0.13J		ND		0.63J	
Dibenz[a,h]anthracene	0.66	ND		0.11J		0.14J		ND		ND		ND		ND		0.27J	
Benzo[g,h,I]perylene	NLE	ND		0.34J		0.66J		ND		ND		0.21J		ND		0.99J	
Pesticides/PCBs (mg/kg)																	
4,4'-DDE	2	0.237		0.054		0.027		0.253		0.031		0.01		0.021		0.026	
Dieldrin	0.042	ND		0.001		ND		ND		ND		ND		ND		ND	
4,4'-DDD	3	0.017		0.054		0.022		0.031		0.051		0.013		0.028		0.048	
4,4'-DDT	2	0.113		0.106		0.109		0.273		0.028		0.017		0.069		0.046	
gamma-Chlordane	NLE	ND		0.002		0.003		0.002		ND		ND		ND		ND	
alpha-Chlordane	NLE	ND		0.001		0.001		ND		ND		ND		ND		ND	
Metals (mg/kg)																	
Aluminum	NLE	10200		10600		7420		11500		11700		11900		11700		10800	
Antimony	14	1.03		1.17		0.633		0.395		0.798		0.569		0.57		0.482	
Arsenic	20	9.97		9.39		6.70		18.2		14.5		13.7		12.5		9.96	
Barium	700	34.9		52.3		30.1		30.5		71.9		87.6		83.3		65.4	
Beryllium	2	1.07		1.37		1.11		1.04		1.65		1.89		1.90		1.36	
Cadmium	39	0.632		1.22		0.47		0.625		0.711		0.873		0.778		0.74	
Calcium	NLE	518		1640		1590		697		1320		8190		5240		3890	
Chromium	NLE	94.2		95.0		99.2		89.3		169		179		211		140	
Cobalt	NLE	4.74		3.25		2.62		1.99		1.98		2.58		1.59		1.94	
Copper	600	3.53		15.5		14.2		5.58		7.72		7.43		6.79		14.0	
Iron	NLE	48200		30900		24100		30900		39800		38400		45100		31500	
Lead	400	11.0		45.8		39.3		16.9		21.1		11.7		10.0		40.3	
Magnesium	NLE	1200		3190		3150		3160		4950		5370		6280		3940	
Manganese	NLE	150		61.0		48.7		51.8		27.8		54.5		28.9		29.5	
Mercury	14	0.05		0.11		0.11		0.12		0.12		0.07		0.06		0.10	
Nickel	250	15.8		11.3		6.74		6.91		8.58		13.2		7.55		8.55	
Potassium	NLE	2180		6600		6620		6610		11100		16400		14700		8470	
Selenium	63	ND		0.762		1.28		ND		2.19		2.18		1.39		1.49	
Silver	110	ND		ND		ND		ND		ND		ND		ND		ND	
Sodium	NLE	310		155		228		96.7		157		360		167		229	
Vanadium	370	138		56.0		47.3		58.9		82.1		77.1		82.8		66.3	
Zinc	1500	84.2		103		58.0		71.9		68.9		78.5		75.9		60.1	

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
M-14 Landfill Site
Fort Monmouth, New Jersey

Lab Sample ID	NJDEP Cleanup Criteria (mg/kg)	4159.06	4159.07	4159.08	4159.09	4159.10	4159.11	4159.12	4159.13	4159.14	4159.15	4159.16	4159.17	4159.18	4159.19	4159.20	4159.21
Field Sample Location		B09 (6-12")	B09 (24")	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")
Sample Date		12/28/98	12/28/98	12/28/98	12/28/98	12/28/98	12/28/98	12/28/98	12/28/98	12/28/98	12/28/98	12/28/98	12/28/98	12/28/98	12/28/98	12/28/98	12/28/98
Volatiles (mg/kg)																	
Acetone	1000		ND		ND		ND		ND		ND		ND		ND		ND
Benzene	3		ND		ND		ND		ND		ND		ND		ND		ND
Methylene Chloride	49		ND		ND		0.51J		ND		ND		ND		ND		ND
Toluene	1000		ND		ND		ND		ND		ND		ND		ND		ND
Semi-Volatiles (mg/kg)																	
Naphthalene	230	ND		ND		ND		ND		ND		ND		ND		ND	
2-Methylnaphthalene	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthylene	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthene	3400	ND		ND		ND		ND		ND		ND		ND		ND	
Dibenzofuran	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Diethylphthalate	10000	0.12J		ND		ND		ND		ND		ND		ND		ND	
Fluorene	2300	ND		ND		ND		ND		ND		ND		ND		ND	
Phenanthrene	NLE	ND		0.22J		ND		0.30J		0.30J		ND		ND		0.43J	
Anthracene	10000	ND		ND		ND		ND		ND		ND		ND		ND	
Di-n-butylphthalate	5700	31		3.7		1.4		0.38J		0.47J		1.4		1.00J		2.3	
Fluoranthene	2300	ND		0.29J		ND		0.25J		0.13J		ND		0.17J		0.29J	
Pyrene	1700	ND		0.25J		ND		0.36J		0.22J		ND		0.18J		0.44J	
Benzo[a]anthracene	0.9	ND		0.13J		ND		0.15J		ND		ND		ND		0.17J	
Chrysene	9	ND		0.16J		ND		0.24J		ND		ND		ND		0.26J	
bis(2-Ethylhexyl)phthalate	49	0.12J		0.13J		0.15J		0.14J		ND		0.12J		ND		ND	
Benzo[b]fluoranthene	0.9	ND		0.12J		ND		ND		ND		ND		ND		0.15J	
Benzo[k]fluoranthene	0.9	ND		0.18J		ND		0.17J		ND		ND		ND		0.17J	
Benzo[a]pyrene	0.66	ND		0.11J		0.24J		0.14J		ND		ND		ND		0.15J	
Indeno[1,2,3-cd]pyrene	0.9	ND		ND		ND		ND		ND		ND		ND		ND	
Dibenz[a,h]anthracene	0.66	ND		ND		ND		ND		ND		ND		ND		ND	
Benzo[g,h,I]perylene	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Pesticides/PCBs (mg/kg)																	
4,4'-DDE	2	0.012		0.024		0.013		0.06		0.009		0.008		0.025		0.039	
Dieldrin	0.042	ND		0.001		ND		ND		ND		ND		ND		ND	
4,4'-DDD	3	0.014		0.027		0.014		0.169		0.011		0.011		0.066		0.047	
4,4'-DDT	2	0.014		0.055		0.008		0.173		0.015		0.012		0.108		0.088	
gamma-Chlordane	NLE	ND		ND		ND		0.003		ND		ND		ND		ND	
alpha-Chlordane	NLE	ND		ND		ND		0.001		ND		ND		ND		ND	
Metals (mg/kg)																	
Aluminum	NLE	10200		10000		6820		8430		5870		9250		4610		5610	
Antimony	14	0.623		0.661		0.675		0.863		ND		0.619		0.612		0.643	
Arsenic	20	12.3		11.2		10.3		12.0		10.8		12.2		7.57		9.56	
Barium	700	85.1		78.3		58.4		77.3		66.3		68.6		48.9		64.1	
Beryllium	2	1.76		1.50		1.36		1.17		0.952		1.24		0.825		1.02	
Cadmium	39	0.983		0.534		0.809		0.394		0.381		0.519		0.332		0.548	
Calcium	NLE	4520		5320		3420		5300		4910		1070		3020		4580	
Chromium	NLE	190		165		107		129		99.6		142		63.2		95.5	
Cobalt	NLE	1.45		1.80		1.91		1.30		0.826		1.49		1.35		1.46	
Copper	600	8.04		6.37		6.89		6.83		6.28		8.62		10.9		6.87	
Iron	NLE	40500		36600		24600		29300		23800		35700		16800		25100	
Lead	400	7.23		12.1		17.5		23.6		10.7		20.1		25.6		17.1	
Magnesium	NLE	5670		4810		2930		3420		2800		3890		1450		2670	
Manganese	NLE	33.6		27.6		21.5		26.9		17.1		27.2		13.8		19.5	
Mercury	14	0.06		0.05		0.07		0.09		0.03		0.04		0.08		0.03	
Nickel	250	8.06		6.58		9.54		5.47		4.88		6.63		5.00		6.78	
Potassium	NLE	13300		11400		6680		7820		6240		9260		2920		7030	
Selenium	63	1.88		1.71		1.83		1.72		2.08		2.31		1.42		2.08	
Silver	110	ND		ND		ND		ND		ND		ND		ND		ND	
Sodium	NLE	496		257		556		132		451		359		447		225	
Vanadium	370	76.4		71.2		44.7		58.7		38.1		66.2		28.8		30.7	
Zinc	1500	61.2		60.3		53.1		42.7		41.1		56.8		39.4		63.1	

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
M-14 Landfill Site
Fort Monmouth, New Jersey

Lab Sample ID	NJDEP Cleanup Criteria (mg/kg)	4159.22	4159.23	4159.24	4159.25	4159.26	4159.27	4160.02	4160.03	4160.04	4160.05	4160.06	4160.07	4160.08	4160.09	4160.10	4160.11
Field Sample Location		B17 (6-12")	B17 (24")	B18 (6-12")	B18 (24")	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")
Sample Date		12/28/98	12/28/98	12/28/98	12/28/98	12/28/98	12/28/98	12/29/98	12/29/98	12/29/98	12/29/98	12/29/98	12/29/98	12/29/98	12/29/98	12/29/98	12/29/98
Volatiles (mg/kg)																	
Acetone	1000		ND		ND		ND		ND		ND		ND		ND		ND
Benzene	3		ND		ND		ND		ND		ND		ND		ND		ND
Methylene Chloride	49		0.72		ND		ND		ND		ND		ND		ND		0.36J
Toluene	1000		ND		ND		ND		ND		ND		ND		ND		ND
Semi-Volatiles (mg/kg)																	
Naphthalene	230	ND		ND		ND		ND		ND		ND		ND		ND	
2-Methylnaphthalene	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthylene	NLE	ND		ND		ND		ND		0.23J		ND		ND		ND	
Acenaphthene	3400	ND		ND		ND		ND		ND		ND		ND		ND	
Dibenzofuran	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Diethylphthalate	10000	ND		ND		ND		ND		ND		ND		ND		ND	
Fluorene	2300	ND		ND		ND		ND		ND		ND		ND		ND	
Phenanthrene	NLE	ND		0.13J		0.37J		ND		0.30J		ND		0.14J		ND	
Anthracene	10000	ND		0.13J		ND		ND		ND		ND		ND		ND	
Di-n-butylphthalate	5700	0.89J		0.48J		0.25J		0.30J		0.37J		0.92J		1.2		0.98J	
Fluoranthene	2300	ND		0.16J		0.26J		ND		0.43J		ND		0.18J		ND	
Pyrene	1700	ND		0.18J		0.37J		ND		0.63J		ND		0.23J		ND	
Benzo[a]anthracene	0.9	ND		ND		0.14J		ND		0.44J		ND		ND		ND	
Chrysene	9	ND		0.13J		0.21J		ND		0.92J		ND		0.20J		ND	
bis(2-Ethylhexyl)phthalate	49	0.15J		0.14J		ND		ND		ND		ND		0.11J		ND	
Benzo[b]fluoranthene	0.9	ND		ND		ND		ND		0.38J		ND		ND		ND	
Benzo[k]fluoranthene	0.9	ND		0.11J		0.14J		ND		0.51J		ND		0.11J		ND	
Benzo[a]pyrene	0.66	ND		ND		0.12J		ND		0.56J		ND		0.11J		ND	
Indeno[1,2,3-cd]pyrene	0.9	ND		ND		ND		ND		0.28J		ND		ND		ND	
Dibenz[a,h]anthracene	0.66	ND		ND		ND		ND		0.15J		ND		ND		ND	
Benzo[g,h,I]perylene	NLE	ND		ND		ND		ND		0.33J		ND		ND		ND	
Pesticides/PCBs (mg/kg)																	
4,4'-DDE	2	0.014		0.067		0.061		0.023		0.065		0.021		0.023		0.012	
Dieldrin	0.042	ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDD	3	0.018		0.119		0.088		0.031		0.07		0.03		0.041		0.016	
4,4'-DDT	2	0.026		0.097		0.065		0.072		0.157		0.03		0.026		0.025	
gamma-Chlordane	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
alpha-Chlordane	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Metals (mg/kg)																	
Aluminum	NLE	6090		11100		7600		10000		7330		7110		9400		10000	
Antimony	14	0.604		1.01		1.67		0.755		0.895		0.728		0.929		0.801	
Arsenic	20	6.30		8.28		5.82		12.9		8.97		11.8		13.4		9.39	
Barium	700	49.9		60.8		43.3		65.5		54.5		69.4		84.2		70.4	
Beryllium	2	1.02		1.32		1.10		2.04		1.15		1.20		1.50		1.43	
Cadmium	39	0.486		6.29		0.453		0.799		0.448		0.672		0.782		1.11	
Calcium	NLE	2840		2170		1600		8010		999		5680		4670		3400	
Chromium	NLE	100		87.9		100		215		110		123		152		135	
Cobalt	NLE	1.34		7.31		1.29		1.68		1.47		1.58		1.78		2.44	
Copper	600	4.88		78.0		6.07		4.00		9.58		5.49		6.31		8.92	
Iron	NLE	22900		29600		20500		45100		28400		27900		34500		30900	
Lead	400	8.62		30.2		17.9		4.90		19.3		12.6		22.8		16.4	
Magnesium	NLE	2620		3000		2310		5960		2660		3080		3950		3350	
Manganese	NLE	21.2		296		18.6		23.9		18.4		20.0		31.2		33.0	
Mercury	14	0.05		0.12		0.06		0.034		0.08		0.043		0.045		0.057	
Nickel	250	5.90		23.3		6.13		7.25		5.97		7.53		9.38		9.89	
Potassium	NLE	6140		5890		5250		15400		6430		7560		9830		8140	
Selenium	63	1.11		1.25		1.06		2.19		1.55		2.05		1.88		1.49	
Silver	110	ND		ND		ND		ND		ND		ND		ND		ND	
Sodium	NLE	89.3		211		105		99.8		159		165		336		373	
Vanadium	370	43.0		68.8		49.4		65.4		48.4		50.8		66.3		63.4	
Zinc	1500	43.9		113		42.5		94.1		66.8		60.4		59.7		68.2	

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
M-14 Landfill Site
Fort Monmouth, New Jersey

Lab Sample ID	NJDEP Cleanup Criteria (mg/kg)	4160.12	4160.13	4160.14	4160.15	4160.16	4160.17	4160.18	4160.19	4160.20	4160.21	4162.02	4162.03	4162.04	4162.05	4162.06	4162.07
Field Sample Location		B25 (6-12")	B25 (24")	B26 (6-12")	B26 (24")	B27 (6-12")	B27 (24")	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")
Sample Date		12/29/98	12/29/98	12/29/98	12/29/98	12/29/98	12/29/98	12/29/98	12/29/98	12/29/98	12/29/98	12/30/98	12/30/98	12/30/98	12/30/98	12/30/98	12/30/98
Volatiles (mg/kg)																	
Acetone	1000		ND		ND		ND		ND		ND		ND		ND		ND
Benzene	3		ND		ND		ND		ND		ND		ND		ND		ND
Methylene Chloride	49		ND		620		0.37J		0.66		ND		ND		ND		ND
Toluene	1000		ND		ND		ND		ND		ND		ND		ND		ND
Semi-Volatiles (mg/kg)																	
Naphthalene	230	ND		ND		ND		ND		ND		ND		ND		ND	
2-Methylnaphthalene	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthylene	NLE	0.12J		ND		ND		ND		ND		ND		ND		ND	
Acenaphthene	3400	ND		ND		ND		ND		ND		ND		ND		ND	
Dibenzofuran	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Diethylphthalate	10000	ND		ND		ND		ND		ND		ND		ND		ND	
Fluorene	2300	ND		ND		ND		ND		ND		ND		ND		ND	
Phenanthrene	NLE	0.21J		ND		0.21J		0.13J		ND		ND		ND		ND	
Anthracene	10000	0.23J		ND		ND		ND		ND		ND		ND		ND	
Di-n-butylphthalate	5700	1.1		1.5		0.89J		0.32J		0.76J		0.75J		0.24J		0.31J	
Fluoranthene	2300	0.63J		ND		0.27J		ND		ND		ND		ND		ND	
Pyrene	1700	0.84J		ND		0.32J		0.13J		ND		ND		ND		ND	
Benzo[a]anthracene	0.9	1.00J		ND		0.14J		ND		ND		ND		ND		ND	
Chrysene	9	1.80		ND		0.26J		ND		ND		ND		ND		ND	
bis(2-Ethylhexyl)phthalate	49	0.11J		ND		ND		ND		0.11J		ND		ND		ND	
Benzo[b]fluoranthene	0.9	1.20		ND		0.12J		ND		ND		ND		ND		ND	
Benzo[k]fluoranthene	0.9	1.30		ND		0.16J		ND		ND		ND		ND		ND	
Benzo[a]pyrene	0.66	0.91J		ND		0.14J		ND		ND		ND		ND		ND	
Indeno[1,2,3-cd]pyrene	0.9	0.55J		ND		ND		ND		ND		ND		ND		ND	
Dibenz[a,h]anthracene	0.66	0.21J		ND		ND		ND		ND		ND		ND		ND	
Benzo[g,h,I]perylene	NLE	0.48J		ND		ND		ND		ND		ND		ND		ND	
Pesticides/PCBs (mg/kg)																	
4,4'-DDE	2	0.013		0.02		0.029		0.015		0.006		0.045		0.053		0.062	
Dieldrin	0.042	ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDD	3	0.012		0.044		0.055		0.024		0.007		0.084		0.099		0.117	
4,4'-DDT	2	0.034		0.079		0.033		0.026		0.027		0.053		0.117		0.171	
gamma-Chlordane	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
alpha-Chlordane	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Metals (mg/kg)																	
Aluminum	NLE	6970		7970		5250		7640		7360		10400		9010		8600	
Antimony	14	1.24		0.854		0.763		0.827		0.984		1.27		1.03		1.14	
Arsenic	20	6.02		11.2		7.21		168		9.69		19.9		11.8		9.51	
Barium	700	42.1		77.4		65.4		73.2		55.0		70.7		82.8		58.1	
Beryllium	2	0.908		1.30		1.07		1.23		1.32		1.43		1.59		1.31	
Cadmium	39	0.474		0.518		0.739		0.742		0.461		0.789		0.761		0.528	
Calcium	NLE	507		3660		5300		6360		1050		6460		5550		2300	
Chromium	NLE	96.8		159		85.2		143		149		184		177		144	
Cobalt	NLE	1.51		1.08		3.05		1.47		1.33		1.36		1.23		1.50	
Copper	600	12.0		5.78		3.93		5.70		5.47		5.60		5.22		4.90	
Iron	NLE	23100		35100		19000		37900		31600		42100		38600		32700	
Lead	400	17.6		7.76		6.11		11.4		7.14		13.2		11.7		10.9	
Magnesium	NLE	2110		3990		2160		3620		3480		4280		4580		3480	
Manganese	NLE	19.6		18.5		40.9		24.6		19.0		26.1		23.8		22.3	
Mercury	14	0.077		ND		ND		ND		ND		0.07		0.02		0.03	
Nickel	250	5.36		4.58		10.2		6.76		5.94		6.20		7.44		5.95	
Potassium	NLE	5000		10600		5200		10200		8740		11200		11800		9250	
Selenium	63	1.35		2.14		1.13		2.18		2.31		2.39		2.24		1.45	
Silver	110	ND		ND		ND		ND		ND		ND		ND		ND	
Sodium	NLE	121		138		135		304		112		93.2		146		118	
Vanadium	370	45.5		63.6		38.4		61.9		59.3		74.6		72.1		59.7	
Zinc	1500	46.3		55.2		56.5		46.0		49.2		59.2		52.9		49.7	

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
M-14 Landfill Site
Fort Monmouth, New Jersey

Lab Sample ID	NJDEP Cleanup Criteria (mg/kg)	4162.08	4162.09	4162.10	4162.11	4162.12	4162.13	4162.14	4162.15	4162.16	4162.17	4162.18	4162.19	4162.20	4162.21	4162.22	4162.23
Field Sample Location		B33 (6-12")	B33 (24")	B34 (6-12")	B34 (24")	B35 (6-12")	B35 (24")	B36 (6-12")	B36 (24")	B37 (6-12")	B37 (24")	B38 (6-12")	B38 (24")	B39 (6-12")	B39 (24")	B40 (6-12")	B40 (24")
Sample Date		12/30/98	12/30/98	12/30/98	12/30/98	12/30/98	12/30/98	12/30/98	12/30/98	12/30/98	12/30/98	12/30/98	12/30/98	12/30/98	12/30/98	12/30/98	12/30/98
Volatiles (mg/kg)																	
Acetone	1000		ND		17.0		ND		ND		ND		ND		ND		ND
Benzene	3		ND		ND		ND		ND		ND		ND		ND		ND
Methylene Chloride	49		ND		ND		ND		ND		ND		ND		ND		ND
Toluene	1000		ND		ND		ND		ND		ND		ND		ND		ND
Semi-Volatiles (mg/kg)																	
Naphthalene	230	ND		ND		ND		ND		ND		ND		ND		ND	
2-Methylnaphthalene	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthylene	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthene	3400	ND		ND		ND		ND		ND		ND		ND		ND	
Dibenzofuran	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Diethylphthalate	10000	ND		ND		ND		ND		ND		ND		ND		ND	
Fluorene	2300	ND		ND		ND		ND		ND		ND		ND		ND	
Phenanthrene	NLE	ND		ND		ND		ND		ND		ND		0.15J		ND	
Anthracene	10000	ND		ND		ND		ND		ND		ND		ND		ND	
Di-n-butylphthalate	5700	1.5		0.80J		0.30J		0.33J		0.85J		0.90J		0.35J		0.82J	
Fluoranthene	2300	ND		ND		ND		ND		ND		0.12J		0.22J		ND	
Pyrene	1700	ND		ND		ND		ND		ND		0.13J		0.22J		ND	
Benzo[a]anthracene	0.9	ND		ND		ND		ND		ND		ND		ND		ND	
Chrysene	9	ND		ND		ND		ND		ND		ND		0.17J		ND	
bis(2-Ethylhexyl)phthalate	49	ND		ND		ND		ND		ND		ND		ND		ND	
Benzo[b]fluoranthene	0.9	ND		ND		ND		ND		ND		ND		0.15J		ND	
Benzo[k]fluoranthene	0.9	ND		ND		ND		ND		ND		ND		0.14J		ND	
Benzo[a]pyrene	0.66	ND		ND		ND		ND		ND		ND		0.13J		ND	
Indeno[1,2,3-cd]pyrene	0.9	ND		ND		ND		ND		ND		ND		ND		ND	
Dibenz[a,h]anthracene	0.66	ND		ND		ND		ND		ND		ND		ND		ND	
Benzo[g,h,I]perylene	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Pesticides/PCBs (mg/kg)																	
4,4'-DDE	2	0.068		0.044		0.025		0.054		0.038		0.032		0.03		0.052	
Dieldrin	0.042	ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDD	3	0.354		0.049		0.033		0.081		0.061		0.043		0.042		0.077	
4,4'-DDT	2	4.095		0.098		0.057		0.108		0.063		0.067		0.138		0.293	
gamma-Chlordane	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
alpha-Chlordane	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Metals (mg/kg)																	
Aluminum	NLE	9570		6450		9220		4630		8380		4550		4090		8650	
Antimony	14	0.882		1.07		0.898		1.97		1.31		0.99		0.783		1.18	
Arsenic	20	15.5		10.0		12.4		8.87		14.5		11.6		9.61		12.6	
Barium	700	68.1		44.7		86.4		64.5		90.4		60.9		72.5		70.3	
Beryllium	2	1.51		1.25		1.51		1.28		1.56		0.872		0.831		1.33	
Cadmium	39	0.698		0.75		0.625		1.33		0.706		0.351		0.428		0.704	
Calcium	NLE	943		983		4120		1910		3490		914		4090		997	
Chromium	NLE	172		103		176		67.9		166		84.9		68.8		153	
Cobalt	NLE	1.52		1.52		1.62		15.0		1.36		1.29		1.46		1.37	
Copper	600	6.69		9.31		7.07		15.4		5.86		6.86		6.04		8.34	
Iron	NLE	38300		25600		38000		17900		37800		23000		18800		34300	
Lead	400	12.4		28.4		11.4		24.9		13.3		16.2		13.9		18.6	
Magnesium	NLE	4170		2130		4170		1360		3870		1800		1470		3380	
Manganese	NLE	26.7		26.5		23.9		171		21.9		15.2		17.9		23.8	
Mercury	14	0.11		0.07		0.05		0.04		0.04		0.05		0.07		0.06	
Nickel	250	6.88		8.18		6.05		10.9		5.21		4.80		4.99		6.05	
Potassium	NLE	10900		5520		11300		3430		10800		4960		4090		9200	
Selenium	63	2.16		1.52		2.21		1.75		2.40		1.98		1.86		2.19	
Silver	110	ND		ND		ND		ND		ND		ND		ND		ND	
Sodium	NLE	71.0		35.2		53.0		65.9		67.7		66.4		86.7		100	
Vanadium	370	71.5		47.3		70.7		30.2		54.7		29.6		25.5		62.3	
Zinc	1500	63.5		78.8		60.6		92.5		64.7		38.0		45.0		59.6	

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
M-14 Landfill Site
Fort Monmouth, New Jersey

Lab Sample ID	NJDEP Cleanup Criteria (mg/kg)	4162.24	4162.25	4162.26	4162.27	4162.28	4162.29	4162.30	4162.31	4164.02	4164.03	4164.04	4164.05	4164.06	4164.07	4164.08	4164.09
Field Sample Location		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")	B46 (6-12")	B46 (24")	B47 (6-12")	B47 (24")	B48 (6-12")	B48 (24")
Sample Date		12/30/98	12/30/98	12/30/98	12/30/98	12/30/98	12/30/98	12/30/98	12/30/98	12/31/98	12/31/98	12/31/98	12/31/98	12/31/98	12/31/98	12/31/98	12/31/98
Volatiles (mg/kg)																	
Acetone	1000		ND		ND		ND		ND		ND		ND		ND		ND
Benzene	3		ND		ND		ND		ND		ND		ND		ND		ND
Methylene Chloride	49		ND		ND		ND		ND		ND		ND		ND		ND
Toluene	1000		ND		ND		ND		ND		ND		ND		ND		ND
Semi-Volatiles (mg/kg)																	
Naphthalene	230	ND		ND		0.16J		ND		ND		ND		ND		ND	
2-Methylnaphthalene	NLE	ND		ND		0.14J		ND		ND		ND		ND		ND	
Acenaphthylene	NLE	ND		ND		0.20J		ND		ND		ND		ND		ND	
Acenaphthene	3400	ND		ND		ND		ND		ND		ND		ND		ND	
Dibenzofuran	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Diethylphthalate	10000	ND		ND		ND		ND		ND		ND		ND		ND	
Fluorene	2300	ND		ND		ND		ND		ND		ND		ND		ND	
Phenanthrene	NLE	0.14J		ND		0.64J		ND		0.14J		0.21J		ND		0.12J	
Anthracene	10000	ND		ND		0.14J		ND		ND		ND		ND		ND	
Di-n-butylphthalate	5700	0.38J		0.44J		1.10J		1.6		1.00J		0.45J		0.39J		1.10J	
Fluoranthene	2300	0.14J		ND		0.42J		ND		0.19J		0.28J		0.12J		ND	
Pyrene	1700	0.19J		ND		0.52J		ND		0.22J		0.31J		0.15J		0.13J	
Benzo[a]anthracene	0.9	ND		ND		0.26J		ND		0.10J		0.15J		ND		ND	
Chrysene	9	0.13J		ND		0.35J		ND		0.14J		0.21J		ND		ND	
bis(2-Ethylhexyl)phthalate	49	ND		ND		ND		ND		ND		ND		ND		ND	
Benzo[b]fluoranthene	0.9	ND		ND		0.17J		ND		ND		0.13J		ND		ND	
Benzo[k]fluoranthene	0.9	ND		ND		0.23J		ND		ND		0.16J		ND		ND	
Benzo[a]pyrene	0.66	ND		ND		0.24J		ND		0.12J		0.16J		ND		ND	
Indeno[1,2,3-cd]pyrene	0.9	ND		ND		ND		ND		ND		ND		ND		ND	
Dibenz[a,h]anthracene	0.66	ND		ND		ND		ND		ND		ND		ND		ND	
Benzo[g,h,I]perylene	NLE	ND		ND		0.14J		ND		ND		ND		ND		ND	
Pesticides/PCBs (mg/kg)																	
4,4'-DDE	2	0.032		ND		0.028		0.055		0.037		0.03		0.036		0.034	
Dieldrin	0.042	ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDD	3	0.043		ND		0.04		0.068		0.038		0.056		0.039		0.165	
4,4'-DDT	2	0.114		0.039		0.1		0.123		0.134		0.175		0.077		0.044	
gamma-Chlordane	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
alpha-Chlordane	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Metals (mg/kg)																	
Aluminum	NLE	7360		9370		11000		9190		7900		10300		9520		5870	
Antimony	14	0.722		0.954		0.76		1.23		1.40		1.19		0.932		1.86	
Arsenic	20	11.7		9.31		11.9		11.1		12.7		12.7		14.2		8.06	
Barium	700	70.2		56.8		120		77.4		57.3		77.4		83.1		71.4	
Beryllium	2	1.17		1.41		1.89		1.39		1.26		1.91		1.61		0.808	
Cadmium	39	0.551		0.632		0.953		0.704		0.747		1.47		0.701		0.587	
Calcium	NLE	1010		3680		7320		1370		1350		3880		7000		1210	
Chromium	NLE	133		179		235		145		140		198		197		20.3	
Cobalt	NLE	1.41		0.892		2.03		1.61		1.80		3.23		1.55		7.19	
Copper	600	6.08		5.34		6.75		5.48		7.01		6.50		4.95		44.1	
Iron	NLE	27800		38000		42400		32900		32100		40900		40400		12700	
Lead	400	20.1		7.66		8.59		22.8		16.0		19.6		7.92		19.4	
Magnesium	NLE	2680		4080		5070		3090		2980		4200		4210		263	
Manganese	NLE	19.3		23.3		42.6		28.2		44.3		43.2		25.4		69.7	
Mercury	14	0.07		0.04		0.03		0.06		0.06		0.049		0.044		0.048	
Nickel	250	5.61		5.07		8.93		6.82		8.41		27.7		6.53		22.8	
Potassium	NLE	7500		11700		14300		8680		8220		11900		12400		677	
Selenium	63	1.81		1.83		2.59		1.82		1.72		1.91		2.24		1.75	
Silver	110	ND		ND		ND		ND		ND		ND		ND		ND	
Sodium	NLE	55.3		138		224		90.2		53.0		107		112		198	
Vanadium	370	46.2		64.0		81.3		61.9		57.8		67.0		61.2		27.1	
Zinc	1500	54.7		92.8		77.7		55.3		82.3		79.0		76.2		44.1	

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
M-14 Landfill Site
Fort Monmouth, New Jersey

Lab Sample ID	NJDEP Cleanup Criteria (mg/kg)	4164.10	4164.11	4164.12	4164.13	4164.14	4164.15	4164.16	4164.17	4164.18	4164.19	4169.02	4169.03	4169.04	4169.05	4169.06	4169.07
Field Sample Location		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")	B55 (6-12")	B55 (24")	B56 (6-12")	B56 (24")
Sample Date		12/31/98	12/31/98	12/31/98	12/31/98	12/31/98	12/31/98	12/31/98	12/31/98	12/31/98	12/31/98	1/5/99	1/5/99	1/5/99	1/5/99	1/5/99	1/5/99
Volatiles (mg/kg)																	
Acetone	1000		ND		ND		ND		ND		ND		ND		ND		ND
Benzene	3		ND		ND		ND		0.30		ND		ND		ND		ND
Methylene Chloride	49		ND		ND		ND		ND		ND		ND		ND		ND
Toluene	1000		ND		ND		ND		ND		0.56		ND		ND		0.75
Semi-Volatiles (mg/kg)																	
Naphthalene	230	ND		ND		ND		ND		ND		ND		ND		ND	
2-Methylnaphthalene	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthylene	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthene	3400	ND		ND		ND		ND		ND		ND		ND		ND	
Dibenzofuran	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Diethylphthalate	10000	ND		ND		ND		ND		ND		ND		ND		ND	
Fluorene	2300	ND		ND		ND		ND		ND		ND		ND		ND	
Phenanthrene	NLE	ND		ND		ND		ND		ND		0.13J		ND		ND	
Anthracene	10000	ND		ND		ND		ND		ND		ND		ND		ND	
Di-n-butylphthalate	5700	1.2		2.2		1.00J		1.00J		0.72J		0.33J		1.9		1.10J	
Fluoranthene	2300	ND		ND		ND		ND		0.13J		0.22J		ND		ND	
Pyrene	1700	ND		ND		ND		ND		ND		0.24J		ND		ND	
Benzo[a]anthracene	0.9	ND		ND		ND		ND		ND		ND		ND		ND	
Chrysene	9	ND		ND		ND		ND		ND		0.12J		ND		ND	
bis(2-Ethylhexyl)phthalate	49	ND		ND		ND		ND		ND		ND		0.14J		ND	
Benzo[b]fluoranthene	0.9	ND		ND		ND		ND		ND		ND		ND		ND	
Benzo[k]fluoranthene	0.9	ND		ND		ND		ND		ND		ND		ND		ND	
Benzo[a]pyrene	0.66	ND		ND		ND		ND		ND		0.13J		ND		ND	
Indeno[1,2,3-cd]pyrene	0.9	ND		ND		ND		ND		ND		ND		ND		ND	
Dibenz[a,h]anthracene	0.66	ND		ND		ND		ND		ND		ND		ND		ND	
Benzo[g,h,I]perylene	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Pesticides/PCBs (mg/kg)																	
4,4'-DDE	2	0.01		0.028		ND		ND		0.038		0.023		ND		ND	
Dieldrin	0.042	ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDD	3	ND		0.034		ND		ND		ND		0.02		ND		ND	
4,4'-DDT	2	0.031		0.042		ND		ND		0.046		ND		ND		ND	
gamma-Chlordane	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
alpha-Chlordane	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Metals (mg/kg)																	
Aluminum	NLE	12000		8490		10300		11300		10400		13200		14700		22300	
Antimony	14	1.07		0.961		0.977		0.953		1.31		ND		0.733		ND	
Arsenic	20	16.8		18.4		14.3		26.1		18.2		25.2		12.9		52.4	
Barium	700	57.7		69.4		36.1		15.9		106		70.5		9.40		42.4	
Beryllium	2	0.91		1.41		1.05		0.808		0.935		2.12		1.28		0.993	
Cadmium	39	0.804		0.735		0.918		0.558		1.65		1.98		0.595		0.609	
Calcium	NLE	950		7200		887		600		865		5110		1330		463	
Chromium	NLE	110		173		102		86.4		138		215		172		135	
Cobalt	NLE	1.81		1.21		2.66		1.21		2.31		3.04		1.04		2.17	
Copper	600	27.0		6.42		16.4		7.28		141		11.3		10.2		8.67	
Iron	NLE	27500		38900		26400		28600		50100		48900		28600		33200	
Lead	400	32.1		10.6		39.0		6.43		263		19.3		7.49		6.08	
Magnesium	NLE	2460		3580		2300		2060		2540		7020		4840		3870	
Manganese	NLE	77.3		20.1		28.4		24.7		125		54.1		35.4		60.0	
Mercury	14	0.048		0.047		0.042		0.033		0.104		0.034		ND		ND	
Nickel	250	5.80		5.18		9.22		4.87		10.7		17.3		4.83		6.50	
Potassium	NLE	5390		11000		5580		3980		6200		16000		9210		6320	
Selenium	63	1.04		1.74		1.13		0.99		0.661		2.21		ND		1.04	
Silver	110	ND		ND		ND		ND		ND		ND		ND		ND	
Sodium	NLE	100		52.4		51.0		59.7		83.0		188		211		165	
Vanadium	370	57.9		52.0		53.3		50.3		58.6		86.2		81.0		74.5	
Zinc	1500	102		75.9		56.2		34.3		337		93.8		97.9		41.2	

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
M-14 Landfill Site
Fort Monmouth, New Jersey

Lab Sample ID	NJDEP Cleanup Criteria (mg/kg)	4169.08	4169.09	4169.10	4169.11	4169.12	4169.13	4169.14	4169.15	4169.16	4169.17	4169.18	4169.19	4169.20	4169.21	4169.22	4169.23
Field Sample Location		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 (24")	B64 (6-12")	B64 (24")
Sample Date		1/5/99	1/5/99	1/5/99	1/5/99	1/5/99	1/5/99	1/5/99	1/5/99	1/5/99	1/5/99	1/5/99	1/5/99	1/5/99	1/5/99	1/5/99	1/5/99
Volatiles (mg/kg)																	
Acetone	1000		ND		ND		ND		ND		ND		ND		ND		ND
Benzene	3		ND		ND		ND		ND		ND		ND		ND		ND
Methylene Chloride	49		ND		ND		ND		ND		ND		ND		ND		ND
Toluene	1000		ND		ND		ND		ND		ND		ND		ND		ND
Semi-Volatiles (mg/kg)																	
Naphthalene	230	ND		ND		ND		3.60		ND		ND		ND		ND	
2-Methylnaphthalene	NLE	ND		ND		ND		0.48J		ND		ND		ND		ND	
Acenaphthylene	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthene	3400	ND		ND		ND		7.30		ND		ND		ND		ND	
Dibenzofuran	NLE	ND		ND		ND		4.20		ND		ND		ND		ND	
Diethylphthalate	10000	ND		ND		ND		ND		ND		ND		ND		ND	
Fluorene	2300	ND		ND		ND		8.10		ND		ND		ND		ND	
Phenanthrene	NLE	ND		ND		ND		76		ND		ND		ND		ND	
Anthracene	10000	ND		ND		ND		17.0J		ND		ND		ND		ND	
Di-n-butylphthalate	5700	22		2		0.90J		0.23J		0.33J		0.34J		1.8		0.49J	
Fluoranthene	2300	ND		0.18J		ND		89		ND		ND		0.13J		ND	
Pyrene	1700	ND		0.19J		ND		60		ND		ND		0.12J		ND	
Benzo[a]anthracene	0.9	ND		ND		ND		27		ND		ND		ND		ND	
Chrysene	9	ND		ND		ND		29		ND		ND		ND		ND	
bis(2-Ethylhexyl)phthalate	49	ND		0.13J		ND		ND		ND		ND		0.13J		ND	
Benzo[b]fluoranthene	0.9	ND		ND		ND		23		ND		ND		ND		ND	
Benzo[k]fluoranthene	0.9	ND		ND		ND		25		ND		ND		ND		ND	
Benzo[a]pyrene	0.66	ND		ND		ND		26		ND		ND		ND		ND	
Indeno[1,2,3-cd]pyrene	0.9	ND		ND		ND		13.0		ND		ND		ND		ND	
Dibenz[a,h]anthracene	0.66	ND		ND		ND		1.10J		ND		ND		ND		ND	
Benzo[g,h,I]perylene	NLE	ND		ND		ND		18.0J		ND		ND		ND		ND	
Pesticides/PCBs (mg/kg)																	
4,4'-DDE	2	0.075		0.017		ND		ND		0.015		0.013		ND		ND	
Dieldrin	0.042	ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDD	3	0.03		0.025		ND		ND		ND		0.018		ND		ND	
4,4'-DDT	2	0.155		ND		ND		ND		0.04		ND		ND		ND	
gamma-Chlordane	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
alpha-Chlordane	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Metals (mg/kg)																	
Aluminum	NLE	13700		13500		16800		15300		18100		14200		18900		20800	
Antimony	14	1.34		ND		0.608		ND		ND		0.726		ND		ND	
Arsenic	20	19.8		14.1		18.7		25.7		27.4		16.9		19.3		32.6	
Barium	700	42.1		73.6		42.1		25.0		25.1		18.7		16.6		18.7	
Beryllium	2	1.32		2.37		1.03		1.81		2.37		0.91		2.92		3.24	
Cadmium	39	1.28		2.51		0.623		0.763		0.977		0.708		1.11		1.13	
Calcium	NLE	1330		4410		1020		1070		1080		2160		1030		529	
Chromium	NLE	172		198		114		211		277		98.7		325		367	
Cobalt	NLE	1.78		4.58		2.00		1.24		0.914		1.49		0.937		1.36	
Copper	600	45.5		11.6		17.0		13.8		21.0		10.2		9.68		14.2	
Iron	NLE	35100		43500		29300		50800		55600		32600		63400		75300	
Lead	400	58.7		26.2		30.6		8.44		32.4		6.73		9.96		48.0	
Magnesium	NLE	4980		6270		3790		6710		9020		3470		10700		12500	
Manganese	NLE	177		52.3		50.2		56.6		28.8		66.5		35.2		23.6	
Mercury	14	0.072		0.066		ND		ND		ND		ND		ND		ND	
Nickel	250	7.80		35.3		7.99		7.75		6.94		6.34		8.88		8.23	
Potassium	NLE	9370		14200		6650		13900		19500		5070		24700		28900	
Selenium	63	0.736		1.64		1.01		1.13		ND		ND		0.989		0.771	
Silver	110	ND		ND		ND		ND		ND		ND		ND		ND	
Sodium	NLE	109		161		213		154		183		168		155		159	
Vanadium	370	80.6		83.0		63.7		91.2		119		57.1		141		144	
Zinc	1500	207		110		53.7		71.2		70.7		39.8		71.7		72.0	

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
M-14 Landfill Site
Fort Monmouth, New Jersey

Lab Sample ID	NJDEP Cleanup Criteria (mg/kg)	4169.24	4169.25	4169.26	4169.27	4169.28	4169.29	4169.30	4169.31	4169.32	4169.33	4169.34	4169.35	4169.36	4169.37	4173.02	4173.03
Field Sample Location		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")	B72 (24")
Sample Date		1/5/99	1/5/99	1/5/99	1/5/99	1/5/99	1/5/99	1/5/99	1/5/99	1/5/99	1/5/99	1/5/99	1/5/99	1/5/99	1/5/99	1/6/99	1/6/99
Volatiles (mg/kg)																	
Acetone	1000		ND		ND		ND		ND		ND		ND		ND		ND
Benzene	3		ND		ND		ND		ND		ND		ND		ND		ND
Methylene Chloride	49		ND		ND		0.94		0.91		1.00		0.44J		0.96		0.95
Toluene	1000		ND		ND		ND		ND		ND		ND		ND		ND
Semi-Volatiles (mg/kg)																	
Naphthalene	230	ND		ND		ND		ND		ND		ND		ND		ND	
2-Methylnaphthalene	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthylene	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthene	3400	ND		ND		ND		ND		ND		ND		ND		ND	
Dibenzofuran	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Diethylphthalate	10000	ND		ND		ND		ND		ND		ND		ND		ND	
Fluorene	2300	ND		ND		ND		ND		ND		ND		ND		ND	
Phenanthrene	NLE	ND		0.19J		ND		ND		ND		ND		ND		ND	
Anthracene	10000	ND		ND		ND		ND		ND		ND		ND		ND	
Di-n-butylphthalate	5700	1.2		1.1		1.10J		1.7		1.00J		2.7		0.25J		0.66J	
Fluoranthene	2300	ND		0.21J		ND		ND		ND		ND		ND		ND	
Pyrene	1700	ND		0.23J		ND		ND		ND		ND		ND		ND	
Benzo[a]anthracene	0.9	ND		ND		ND		ND		ND		ND		ND		ND	
Chrysene	9	ND		0.15J		ND		ND		ND		ND		ND		ND	
bis(2-Ethylhexyl)phthalate	49	0.14J		0.12J		ND		ND		ND		ND		ND		ND	
Benzo[b]fluoranthene	0.9	ND		ND		ND		ND		ND		ND		ND		ND	
Benzo[k]fluoranthene	0.9	ND		0.12J		ND		ND		ND		ND		ND		ND	
Benzo[a]pyrene	0.66	ND		ND		ND		ND		ND		ND		ND		ND	
Indeno[1,2,3-cd]pyrene	0.9	ND		ND		ND		ND		ND		ND		ND		ND	
Dibenz[a,h]anthracene	0.66	ND		ND		ND		ND		ND		ND		ND		ND	
Benzo[g,h,I]perylene	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Pesticides/PCBs (mg/kg)																	
4,4'-DDE	2	ND		0.693		0.015		ND		0.019		ND		0.131		0.018	
Dieldrin	0.042	ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDD	3	ND		0.282		0.033		ND		0.028		ND		0.101		0.017	
4,4'-DDT	2	ND		2.59		ND		ND		ND		ND		0.095		0.025	
gamma-Chlordane	NLE	ND		ND		ND		ND		ND		ND		0.057		ND	
alpha-Chlordane	NLE	ND		ND		ND		ND		ND		ND		0.04		ND	
Metals (mg/kg)																	
Aluminum	NLE	17300		17100		17900		20000		7700		14200		13500		13500	
Antimony	14	ND		ND		ND		1.47		1.04		0.494		2.09		ND	
Arsenic	20	18.2		28.1		30.2		23.0		17.4		14.3		15.5		29.7	
Barium	700	53.6		10.3		13.0		51.2		44.8		22.6		63.2		19.8	
Beryllium	2	1.40		2.84		2.49		2.52		1.03		0.795		1.33		1.98	
Cadmium	39	0.556		0.949		0.814		1.09		0.495		0.433		1.91		0.823	
Calcium	NLE	581		453		1200		919		848		519		796		2030	
Chromium	NLE	149		323		302		227		66.0		101		165		237	
Cobalt	NLE	1.87		0.482		1.13		4.37		10.5		1.36		1.40		1.43	
Copper	600	21.7		11.1		7.46		39.1		283		19.1		41.8		9.26	
Iron	NLE	38500		62000		60300		44300		19800		25900		35500		53700	
Lead	400	12.5		7.33		4.28		54.5		39.8		12.3		93.7		8.01	
Magnesium	NLE	4760		10300		9660		6630		1850		3250		4670		7460	
Manganese	NLE	67.0		19.3		24.3		37.1		91.4		49.4		32.5		16.2	
Mercury	14	0.027		ND		ND		ND		ND		ND		3.61		0.115	
Nickel	250	6.32		6.38		7.42		16.8		88.0		4.87		6.93		8.87	
Potassium	NLE	10100		24100		22000		15200		4270		5040		9960		18100	
Selenium	63	0.99		ND		ND		2.76		0.942		ND		0.716		0.927	
Silver	110	ND		ND		ND		ND		ND		ND		2.90		ND	
Sodium	NLE	211		115		475		212		216		92.8		164		291	
Vanadium	370	77.7		127		121		108		40.1		54.1		68.7		87.3	
Zinc	1500	48.2		65.2		59.1		65.6		93.6		48.1		106		62.0	

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
M-14 Landfill Site
Fort Monmouth, New Jersey

Lab Sample ID	NJDEP Cleanup Criteria (mg/kg)	4173.04	4173.05	4173.06	4173.07	4173.08	4173.09	4173.10	4173.11	4173.12	4173.13	4173.14	4173.15	4173.16	4173.17	4173.18	4173.19
Field Sample Location		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")
Sample Date		1/6/99	1/6/99	1/6/99	1/6/99	1/6/99	1/6/99	1/6/99	1/6/99	1/6/99	1/6/99	1/6/99	1/6/99	1/6/99	1/6/99	1/6/99	1/6/99
Volatiles (mg/kg)																	
Acetone	1000		ND		ND		ND		ND		ND		ND		ND		ND
Benzene	3		ND		ND		ND		ND		ND		ND		ND		ND
Methylene Chloride	49		0.40J		0.55J		0.42J		0.42J		1.10		2.00		1.90		1.10
Toluene	1000		ND		ND		ND		ND		ND		ND		ND		ND
Semi-Volatiles (mg/kg)																	
Naphthalene	230	ND		ND		ND		0.16J		ND		ND		ND		ND	
2-Methylnaphthalene	NLE	ND		ND		ND		0.13J		ND		ND		ND		ND	
Acenaphthylene	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthene	3400	ND		ND		ND		1.40		ND		ND		ND		ND	
Dibenzofuran	NLE	ND		ND		ND		0.72J		ND		ND		ND		ND	
Diethylphthalate	10000	ND		ND		0.21J		ND		ND		ND		ND		ND	
Fluorene	2300	ND		ND		ND		1.50		ND		ND		ND		ND	
Phenanthrene	NLE	ND		ND		ND		16		ND		0.25J		ND		ND	
Anthracene	10000	ND		ND		ND		6.40		ND		ND		ND		ND	
Di-n-butylphthalate	5700	0.28J		1.3		1.2J		0.91J		0.34J		1.4		1.00J		1.2	
Fluoranthene	2300	ND		ND		0.18J		25		ND		0.28J		ND		ND	
Pyrene	1700	ND		ND		0.14J		18		ND		0.43J		ND		ND	
Benzo[a]anthracene	0.9	ND		ND		ND		11.0		ND		0.20J		ND		ND	
Chrysene	9	ND		ND		ND		11.0		ND		0.26J		ND		ND	
bis(2-Ethylhexyl)phthalate	49	ND		0.13J		ND		ND		ND		ND		ND		ND	
Benzo[b]fluoranthene	0.9	ND		ND		ND		11.0		ND		ND		ND		ND	
Benzo[k]fluoranthene	0.9	ND		ND		ND		6.60		ND		ND		ND		ND	
Benzo[a]pyrene	0.66	ND		ND		ND		10.0		ND		0.15J		ND		ND	
Indeno[1,2,3-cd]pyrene	0.9	ND		ND		ND		4.10		ND		ND		ND		ND	
Dibenz[a,h]anthracene	0.66	ND		ND		ND		1.20		ND		ND		ND		ND	
Benzo[g,h,I]perylene	NLE	ND		ND		ND		4.60		ND		ND		ND		ND	
Pesticides/PCBs (mg/kg)																	
4,4'-DDE	2	0.002		ND		0.001		ND		0.014		0.292		0.022		ND	
Dieldrin	0.042	ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDD	3	0.001		0.017		ND		ND		0.003		1.132		0.007		ND	
4,4'-DDT	2	ND		ND		0.002		ND		0.03		0.349		0.062		ND	
gamma-Chlordane	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
alpha-Chlordane	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Metals (mg/kg)																	
Aluminum	NLE	15100		12800		17900		16200		19300		16000		12000		12100	
Antimony	14	0.568		ND		ND		ND		1.18		0.822		0.426		0.471	
Arsenic	20	18.4		12.7		29.5		27.8		21.7		21.0		22.7		19.4	
Barium	700	22.7		41.0		37.6		27.2		28.5		45.4		10.4		10.1	
Beryllium	2	1.52		1.04		2.47		1.85		2.90		1.76		1.86		0.778	
Cadmium	39	0.572		0.478		1.20		1.00		1.49		1.18		0.759		0.444	
Calcium	NLE	546		636		965		1020		745		1230		1090		436	
Chromium	NLE	182		89.4		301		215		327		206		210		83.8	
Cobalt	NLE	1.14		3.78		1.11		1.25		2.26		1.62		0.564		0.953	
Copper	600	9.69		5.03		45.0		106		60.3		44.4		24.7		8.25	
Iron	NLE	38300		30400		63700		47900		69300		46200		39300		28300	
Lead	400	9.17		6.67		35.3		96.1		58.2		74.8		45.2		5.47	
Magnesium	NLE	5090		3070		8980		6230		10400		6060		5630		2510	
Manganese	NLE	21.9		62.7		37.0		99.1		40.1		67.1		25.6		35.5	
Mercury	14	0.036		0.028		0.075		0.066		0.176		0.055		0.031		ND	
Nickel	250	6.70		6.71		7.77		6.64		9.43		8.03		5.25		3.87	
Potassium	NLE	11600		7100		21100		14100		25600		14600		13300		4370	
Selenium	63	1.17		0.832		1.30		1.08		1.72		0.851		ND		ND	
Silver	110	ND		ND		ND		ND		ND		ND		ND		ND	
Sodium	NLE	123		164		188		99.9		94.8		302		90.6		106	
Vanadium	370	79.1		56.0		123		94.5		121		90.9		83.5		47.1	
Zinc	1500	49.9		61.6		141		203		168		133		74.6		31.7	

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
M-14 Landfill Site
Fort Monmouth, New Jersey

Lab Sample ID	NJDEP Cleanup Criteria (mg/kg)	4173.20	4173.21	4173.22	4173.23	4173.24	4173.25	4173.26	4173.27	4173.28	4173.29	4173.30	4173.31	4177.02	4177.03	4177.04	4177.05
Field Sample Location		B81 (6-12")	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")
Sample Date		1/6/99	1/6/99	1/6/99	1/6/99	1/6/99	1/6/99	1/6/99	1/6/99	1/6/99	1/6/99	1/6/99	1/6/99	1/7/99	1/7/99	1/7/99	1/7/99
Volatiles (mg/kg)																	
Acetone	1000		ND		ND		ND		ND		ND		ND		ND		ND
Benzene	3		ND		ND		ND		ND		ND		ND		ND		ND
Methylene Chloride	49		1.70		1.80		1.10		1.80		2.00		2.10		0.72		0.83
Toluene	1000		ND		ND		ND		ND		ND		ND		ND		ND
Semi-Volatiles (mg/kg)																	
Naphthalene	230	ND		ND		ND		ND		ND		ND		ND		ND	
2-Methylnaphthalene	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthylene	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthene	3400	ND		ND		ND		ND		ND		ND		0.15J		ND	
Dibenzofuran	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Diethylphthalate	10000	ND		0.13J		ND		ND		ND		ND		ND		ND	
Fluorene	2300	ND		ND		ND		ND		ND		ND		0.13J		ND	
Phenanthrene	NLE	0.17J		ND		ND		ND		ND		ND		1.50		ND	
Anthracene	10000	ND		ND		ND		ND		ND		ND		0.37J		ND	
Di-n-butylphthalate	5700	0.87J		2.2		0.30J		0.36J		1.9		1.3		0.83J		0.23J	
Fluoranthene	2300	0.43J		ND		ND		ND		0.14J		ND		1.70		ND	
Pyrene	1700	0.34J		ND		ND		ND		ND		ND		1.50		ND	
Benzo[a]anthracene	0.9	0.19J		ND		ND		ND		ND		ND		0.62J		ND	
Chrysene	9	0.22J		ND		ND		ND		ND		ND		0.88J		ND	
bis(2-Ethylhexyl)phthalate	49	ND		ND		ND		ND		ND		ND		0.14J		ND	
Benzo[b]fluoranthene	0.9	0.14J		ND		ND		ND		ND		ND		0.48J		ND	
Benzo[k]fluoranthene	0.9	0.20J		ND		ND		ND		ND		ND		0.52J		ND	
Benzo[a]pyrene	0.66	0.19J		ND		ND		ND		ND		ND		0.54J		ND	
Indeno[1,2,3-cd]pyrene	0.9	ND		ND		ND		ND		ND		ND		0.27J		ND	
Dibenz[a,h]anthracene	0.66	ND		ND		ND		ND		ND		ND		ND		ND	
Benzo[g,h,I]perylene	NLE	0.14J		ND		ND		ND		ND		ND		0.26J		ND	
Pesticides/PCBs (mg/kg)																	
4,4'-DDE	2	0.004		0.004		0.125		0.046		0.015		0.004		0.005		0.002	
Dieldrin	0.042	ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDD	3	0.001		0.001		0.013		0.05		0.002		0.001		0.004		0.002	
4,4'-DDT	2	0.006		0.007		0.224		0.047		0.021		0.007		0.009		ND	
gamma-Chlordane	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
alpha-Chlordane	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Metals (mg/kg)																	
Aluminum	NLE	16600		15300		15300		8640		19700		16000		22100		17400	
Antimony	14	1.67		0.635		0.635		ND		0.495		0.512		1.55		0.789	
Arsenic	20	20.7		21.0		21.0		6.64		27.5		24.8		32.6		28.1	
Barium	700	102		27.8		27.8		17.0		37.9		38.6		153		54.1	
Beryllium	2	1.81		1.60		1.60		0.572		2.82		2.53		2.57		2.26	
Cadmium	39	1.65		1.05		1.05		0.719		1.79		1.15		1.52		2.49	
Calcium	NLE	3110		447		447		427		1190		786		1060		885	
Chromium	NLE	214		178		178		71.5		325		286		307		268	
Cobalt	NLE	2.23		1.01		1.01		1.32		2.09		0.935		4.48		2.38	
Copper	600	76.7		38.2		38.2		9.02		44.1		58.4		118		51.3	
Iron	NLE	44100		39900		39900		16500		76100		57700		63100		56000	
Lead	400	237		53.8		53.8		9.32		44.7		44.9		111		61.2	
Magnesium	NLE	6070		5100		5100		1710		10700		8550		8610		7600	
Manganese	NLE	210		33.7		33.7		27.2		44.1		41.4		145		107	
Mercury	14	0.089		0.04		0.04		0.039		0.041		0.04		0.212		0.106	
Nickel	250	8.56		5.48		5.48		6.16		9.33		6.01		10.5		7.33	
Potassium	NLE	13900		11700		11700		3620		26700		21300		20100		19300	
Selenium	63	ND		ND		ND		ND		1.97		3.33		2.13		0.91	
Silver	110	ND		ND		ND		ND		ND		ND		ND		ND	
Sodium	NLE	850		83.2		83.2		67.6		159		111		169		242	
Vanadium	370	98.0		77.4		77.4		46.1		122		125		134		113	
Zinc	1500	362		101		101		49.6		144		82.4		158		147	

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
M-14 Landfill Site
Fort Monmouth, New Jersey

Lab Sample ID	NJDEP Cleanup Criteria (mg/kg)	4177.06	4177.07	4177.08	4177.09	4177.10	4177.11	4177.12	4177.13	4177.14	4177.15	4177.16	4177.17	4177.18	4177.19	4179.02	4179.03
Field Sample Location		B89 (6-12")	B89 (24")	B90 (6-12")	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")
Sample Date		1/7/99	1/7/99	1/7/99	1/7/99	1/7/99	1/7/99	1/7/99	1/7/99	1/7/99	1/7/99	1/7/99	1/7/99	1/7/99	1/7/99	1/11/99	1/11/99
Volatiles (mg/kg)																	
Acetone	1000		ND		ND		ND		ND		ND		ND		ND		ND
Benzene	3		ND		ND		ND		ND		ND		ND		ND		ND
Methylene Chloride	49		0.40J		0.68		0.51J		0.67		ND		0.70		0.73		ND
Toluene	1000		ND		ND		ND		ND		ND		ND		ND		ND
Semi-Volatiles (mg/kg)																	
Naphthalene	230	ND		ND		ND		ND		ND		ND		ND		ND	
2-Methylnaphthalene	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthylene	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthene	3400	ND		ND		ND		ND		ND		ND		ND		ND	
Dibenzofuran	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Diethylphthalate	10000	ND		ND		ND		ND		ND		ND		ND		0.19J	
Fluorene	2300	ND		ND		ND		ND		ND		ND		ND		ND	
Phenanthrene	NLE	ND		ND		0.21J		ND		ND		ND		ND		ND	
Anthracene	10000	ND		ND		ND		ND		ND		ND		ND		ND	
Di-n-butylphthalate	5700	0.31J		0.70J		0.92J		1.5		1.00J		0.20J		0.27J		0.54J	
Fluoranthene	2300	ND		ND		0.30J		ND		ND		ND		ND		ND	
Pyrene	1700	ND		ND		0.26J		ND		ND		ND		ND		ND	
Benzo[a]anthracene	0.9	ND		ND		ND		ND		ND		ND		ND		ND	
Chrysene	9	ND		ND		0.18J		ND		ND		ND		ND		ND	
bis(2-Ethylhexyl)phthalate	49	ND		ND		ND		0.16J		0.14J		ND		ND		ND	
Benzo[b]fluoranthene	0.9	ND		ND		ND		ND		ND		ND		ND		ND	
Benzo[k]fluoranthene	0.9	ND		ND		ND		ND		ND		ND		ND		ND	
Benzo[a]pyrene	0.66	ND		ND		0.12J		ND		ND		ND		ND		ND	
Indeno[1,2,3-cd]pyrene	0.9	ND		ND		ND		ND		ND		ND		ND		ND	
Dibenz[a,h]anthracene	0.66	ND		ND		ND		ND		ND		ND		ND		ND	
Benzo[g,h,I]perylene	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Pesticides/PCBs (mg/kg)																	
4,4'-DDE	2	0.234		0.058		0.003		0.058		0.001		0.007		0.488		0.206	
Dieldrin	0.042	ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDD	3	0.027		0.01		ND		0.069		ND		0.003		0.049		0.019	
4,4'-DDT	2	0.351		0.07		ND		0.347		0.002		0.023		0.516		0.213	
gamma-Chlordane	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
alpha-Chlordane	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Metals (mg/kg)																	
Aluminum	NLE	15800		5610		14700		14400		17400		12400		10700		13600	
Antimony	14	ND		0.526		0.654		ND		0.434		ND		ND		ND	
Arsenic	20	14.1		2.96		18.8		13.9		24.7		16.1		18.0		8.96	
Barium	700	23.7		12.4		26.4		81.9		24.1		16.4		13.8		16.6	
Beryllium	2	1.54		0.375		1.14		1.83		2.58		1.35		1.66		1.06	
Cadmium	39	0.846		0.541		0.661		1.09		1.70		0.892		1.36		0.743	
Calcium	NLE	246		221		691		4230		513		427		180		270	
Chromium	NLE	168		37.1		137		207		305		150		113		109	
Cobalt	NLE	2.18		1.14		1.45		1.47		0.971		0.93		1.06		1.59	
Copper	600	6.72		3.52		34.3		104		20.3		18.5		4.68		7.04	
Iron	NLE	41300		9870		26900		47800		63700		35400		53200		30400	
Lead	400	6.61		3.65		75.9		33.3		11.5		28.7		6.11		6.11	
Magnesium	NLE	4830		985		3580		5590		9110		4130		2970		3160	
Manganese	NLE	33.3		24.1		42.6		29.0		34.0		22.6		24.8		28.6	
Mercury	14	0.048		0.037		0.081		0.058		0.038		0.086		0.028		0.062	
Nickel	250	7.21		3.93		4.40		6.49		6.54		4.57		4.84		5.57	
Potassium	NLE	12400		2090		7510		15200		24000		10500		7970		7990	
Selenium	63	0.796		ND		ND		1.77		0.666		ND		2.12		ND	
Silver	110	ND		ND		ND		ND		ND		ND		ND		ND	
Sodium	NLE	74.2		82.1		122		118		232		199		80.1		334	
Vanadium	370	99.5		22.8		69.5		82.9		121		66.8		102		63.6	
Zinc	1500	50.4		33.6		67.1		92.3		71.8		44.2		46.7		40.4	

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
M-14 Landfill Site
Fort Monmouth, New Jersey

Lab Sample ID	NJDEP Cleanup Criteria (mg/kg)	4179.04	4179.05	4179.06	4179.07	4179.08	4179.09	4179.10	4179.11	4179.12	4179.13	4179.14	4179.15	4179.16	4179.17	4179.18	4179.19
Field Sample Location		B97 (6-12")	B97 (24")	B98 (6-12")	B98 (24")	B99 (6-12")	B99 (24")	B100 (6-12")	B100 (24")	B101 (6-12")	B101 (24")	B102 (6-12")	B102 (24")	B103 (6-12")	B103 (24")	B104 (6-12")	B104 (24")
Sample Date		1/11/99	1/11/99	1/11/99	1/11/99	1/11/99	1/11/99	1/11/99	1/11/99	1/11/99	1/11/99	1/11/99	1/11/99	1/11/99	1/11/99	1/11/99	1/11/99
Volatiles (mg/kg)																	
Acetone	1000		ND		ND		ND		ND		ND		ND		ND		ND
Benzene	3		ND		ND		ND		ND		ND		ND		ND		ND
Methylene Chloride	49		ND		ND		ND		ND		ND		ND		ND		ND
Toluene	1000		ND		ND		ND		ND		ND		ND		ND		ND
Semi-Volatiles (mg/kg)																	
Naphthalene	230	ND		ND		ND		ND		ND		ND		ND		ND	
2-Methylnaphthalene	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthylene	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthene	3400	ND		ND		ND		ND		ND		ND		ND		ND	
Dibenzofuran	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Diethylphthalate	10000	ND		ND		ND		ND		ND		ND		ND		ND	
Fluorene	2300	ND		ND		ND		ND		ND		ND		ND		ND	
Phenanthrene	NLE	ND		ND		ND		ND		0.67J		ND		ND		ND	
Anthracene	10000	ND		ND		ND		ND		ND		ND		ND		ND	
Di-n-butylphthalate	5700	0.30J		1.3		0.38J		1.4		0.37J		0.38J		1.3		0.88J	
Fluoranthene	2300	ND		ND		ND		ND		0.64J		ND		ND		ND	
Pyrene	1700	ND		ND		ND		ND		0.77J		ND		ND		ND	
Benzo[a]anthracene	0.9	ND		ND		ND		ND		0.33J		ND		ND		ND	
Chrysene	9	ND		ND		ND		ND		0.66J		ND		ND		ND	
bis(2-Ethylhexyl)phthalate	49	0.12J		0.16J		ND		0.13J		ND		ND		ND		0.11J	
Benzo[b]fluoranthene	0.9	ND		ND		ND		ND		0.24J		ND		ND		ND	
Benzo[k]fluoranthene	0.9	ND		ND		ND		ND		0.29J		ND		ND		ND	
Benzo[a]pyrene	0.66	ND		ND		ND		ND		0.27J		ND		ND		ND	
Indeno[1,2,3-cd]pyrene	0.9	ND		ND		ND		ND		0.18J		ND		ND		ND	
Dibenz[a,h]anthracene	0.66	ND		ND		ND		ND		ND		ND		ND		ND	
Benzo[g,h,I]perylene	NLE	ND		ND		ND		ND		0.19J		ND		ND		ND	
Pesticides/PCBs (mg/kg)																	
4,4'-DDE	2	0.034		0.075		0.084		0.002		0.066		0.029		0.02		0.024	
Dieldrin	0.042	ND		0.001		ND		ND		ND		ND		ND		ND	
4,4'-DDD	3	0.017		0.172		0.136		ND		0.061		0.003		0.002		0.051	
4,4'-DDT	2	0.028		0.309		2.93		0.003		0.283		0.029		0.018		0.005	
gamma-Chlordane	NLE	ND		ND		ND		ND		0.003		ND		ND		ND	
alpha-Chlordane	NLE	ND		ND		ND		ND		0.002		ND		ND		ND	
Metals (mg/kg)																	
Aluminum	NLE	12400		15100		14900		3190		1420		4570		4140		1600	
Antimony	14	ND		0.611		ND		0.566		ND		ND		0.461		ND	
Arsenic	20	23.2		29.9		28.0		24.4		6.59		9.69		6.47		1.14	
Barium	700	17.6		41.5		16.9		6.78		16.0		13.6		16.8		4.92	
Beryllium	2	2.03		2.12		2.80		0.162		ND		0.257		0.295		ND	
Cadmium	39	1.26		1.66		1.92		0.415		0.504		0.569		0.418		0.183	
Calcium	NLE	765		1860		1060		432		135		148		143		73.7	
Chromium	NLE	231		237		317		41.3		18.9		40.4		32.4		9.66	
Cobalt	NLE	0.771		1.86		0.628		0.677		0.437		0.655		0.303		0.248	
Copper	600	11.7		32.9		20.6		10.9		10.6		5.24		3.56		2.61	
Iron	NLE	48600		51300		64100		7170		6930		10500		7410		2320	
Lead	400	10.8		47.3		12.2		4.86		24.6		4.79		2.21		1.21	
Magnesium	NLE	6380		6730		8860		346		163		350		214		51.0	
Manganese	NLE	20.8		100		21.9		11.3		5.13		11.0		5.04		1.55	
Mercury	14	0.039		0.102		0.05		0.031		0.164		0.04		0.039		0.055	
Nickel	250	5.70		11.0		7.42		1.46		1.23		2.31		1.54		1.44	
Potassium	NLE	16400		17800		23800		608		369		717		231		96.6	
Selenium	63	ND		1.23		0.725		ND		ND		ND		ND		ND	
Silver	110	ND		ND		ND		ND		1.03		ND		ND		ND	
Sodium	NLE	139		178		93.5		63.7		63.9		87.5		50.2		66.0	
Vanadium	370	100		104		126		14.2		9.61		31.3		30.3		9.70	
Zinc	1500	61.7		95.5		76.1		24.9		16.6		27.6		23.5		17.0	

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
M-14 Landfill Site
Fort Monmouth, New Jersey

Lab Sample ID	NJDEP Cleanup Criteria (mg/kg)	4179.20	4179.21	4179.22	4179.23	4184.02	4184.03	4184.04	4184.05	4184.06	4184.07	4184.08	4184.09	4184.10	4184.11	4184.12	4184.13
Field Sample Location		B105 (6-12")	B105 (24")	B106 (6-12")	B106 (24")	B107 (6-12")	B107 (24")	B108 (6-12")	B108 (24")	B109 (6-12")	B109 (24")	B110 (6-12")	B110 (24")	B111 (6-12")	B111 (24")	B112 (6-12")	B112 (24")
Sample Date		1/11/99	1/11/99	1/11/99	1/11/99	1/12/99	1/12/99	1/12/99	1/12/99	1/12/99	1/12/99	1/12/99	1/12/99	1/12/99	1/12/99	1/12/99	1/12/99
Volatiles (mg/kg)																	
Acetone	1000		ND		ND		ND		ND		ND		ND		ND		ND
Benzene	3		ND		ND		ND		ND		ND		ND		ND		ND
Methylene Chloride	49		ND		ND		ND		ND		ND		ND		ND		ND
Toluene	1000		ND		ND		ND		ND		ND		ND		ND		ND
Semi-Volatiles (mg/kg)																	
Naphthalene	230	ND		ND		ND		ND		ND		ND		ND		0.11J	
2-Methylnaphthalene	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthylene	NLE	ND		ND		ND		ND		ND		ND		ND		0.52J	
Acenaphthene	3400	ND		ND		ND		ND		ND		ND		ND		0.13J	
Dibenzofuran	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Diethylphthalate	10000	ND		ND		ND		ND		ND		ND		ND		ND	
Fluorene	2300	ND		ND		ND		ND		ND		ND		ND		0.31J	
Phenanthrene	NLE	ND		ND		1.20		ND		ND		ND		ND		6.10	
Anthracene	10000	ND		ND		0.30J		ND		ND		ND		ND		0.86J	
Di-n-butylphthalate	5700	1.3		0.37J		1.9		1.2		30		2		1.10J		1.2	
Fluoranthene	2300	0.14J		0.14J		1.60		ND		ND		ND		ND		7.90	
Pyrene	1700	0.13J		0.12J		1.30		ND		ND		ND		ND		6.40	
Benzo[a]anthracene	0.9	ND		ND		0.64J		ND		ND		ND		ND		2.80	
Chrysene	9	ND		ND		0.92J		ND		ND		ND		ND		3.90	
bis(2-Ethylhexyl)phthalate	49	0.16J		ND		0.15J		0.17J		0.20J		0.13J		0.14J		0.15J	
Benzo[b]fluoranthene	0.9	ND		ND		0.40J		ND		ND		ND		ND		2.00	
Benzo[k]fluoranthene	0.9	ND		ND		0.49J		ND		ND		ND		ND		2.10	
Benzo[a]pyrene	0.66	ND		ND		0.48J		ND		ND		ND		ND		2.30	
Indeno[1,2,3-cd]pyrene	0.9	ND		ND		0.28J		ND		ND		ND		ND		0.95J	
Dibenz[a,h]anthracene	0.66	ND		ND		ND		ND		ND		ND		ND		0.31J	
Benzo[g,h,I]perylene	NLE	ND		ND		0.26J		ND		ND		ND		ND		1.10	
Pesticides/PCBs (mg/kg)																	
4,4'-DDE	2	0.013		0.109		0.04		0.007		0.001		0.024		0.003		0.117	
Dieldrin	0.042	ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDD	3	0.006		0.031		0.025		0.001		ND		0.002		ND		0.149	
4,4'-DDT	2	0.029		0.355		0.144		0.006		ND		0.012		0.003		0.509	
gamma-Chlordane	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
alpha-Chlordane	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Metals (mg/kg)																	
Aluminum	NLE	1500		3380		12800		16600		17100		4320		3040		3070	
Antimony	14	ND		ND		0.663		ND		0.483		0.581		1.03		1.16	
Arsenic	20	14.9		17.0		16.2		11.8		11.7		1.90		1.12		1.92	
Barium	700	34.0		10.2		26.5		26.5		26.9		10.7		10.1		17.5	
Beryllium	2	0.217		0.217		1.38		1.85		1.29		0.255		0.197		0.319	
Cadmium	39	0.952		0.532		0.786		1.02		0.714		0.313		0.326		0.25	
Calcium	NLE	9270		808		749		116		134		201		199		299	
Chromium	NLE	13.8		25.8		161		188		142		32.7		19.3		19.8	
Cobalt	NLE	1.02		0.562		0.996		1.83		1.89		0.634		0.425		1.41	
Copper	600	10.3		12.5		52.1		36.6		30.1		23.6		20.1		21.3	
Iron	NLE	8270		10200		37900		51300		35400		6360		5400		8550	
Lead	400	17.9		7.06		28.8		6.91		7.09		2.60		2.41		40.7	
Magnesium	NLE	4600		232		4880		6450		4150		728		470		831	
Manganese	NLE	36.3		16.7		21.7		23.4		30.3		15.9		12.2		20.5	
Mercury	14	0.799		0.154		0.154		0.054		0.07		0.055		0.054		0.066	
Nickel	250	5.85		1.81		5.69		7.82		6.76		2.43		2.31		3.81	
Potassium	NLE	700		535		10500		15400		8550		1050		566		1910	
Selenium	63	1.09		ND		1.14		0.711		1.11		ND		ND		1.16	
Silver	110	ND		ND		ND		ND		ND		ND		ND		ND	
Sodium	NLE	115		56.9		174		118		194		71.6		69.4		79.5	
Vanadium	370	8.80		14.3		65.7		98.4		84.4		23.0		14.0		12.6	
Zinc	1500	59.4		24.3		52.7		75.9		43.1		15.8		20.1		37.7	

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
M-14 Landfill Site
Fort Monmouth, New Jersey

Lab Sample ID	NJDEP Cleanup Criteria (mg/kg)	4189.02	4189.03	4189.04	4189.05	4189.06	4189.07	4189.08	4189.09	4189.10	4189.11	4189.12	4189.13	4189.14	4189.15
Field Sample Location		B113 (6-12")	B113 (24")	B114 (6-12")	B114 (24")	B115 (6-12")	B115 (24")	B116 (6-12")	B116 (24")	B117 (6-12")	B117 (24")	B118 (6-12")	B118 (24")	B119 (6-12")	B119 (24")
Sample Date		1/13/99	1/13/99	1/13/99	1/13/99	1/13/99	1/13/99	1/13/99	1/13/99	1/13/99	1/13/99	1/13/99	1/13/99	1/13/99	1/13/99
Volatiles (mg/kg)															
Acetone	1000		ND		ND		ND		ND		ND		ND		ND
Benzene	3		ND		ND		ND		ND		ND		ND		ND
Methylene Chloride	49		ND		ND		ND		ND		ND		ND		ND
Toluene	1000		ND		ND		ND		ND		ND		ND		ND
Semi-Volatiles (mg/kg)															
Naphthalene	230	ND		ND		ND		ND		ND		ND		ND	
2-Methylnaphthalene	NLE	ND		ND		ND		ND		ND		ND		ND	
Acenaphthylene	NLE	ND		0.17J		ND		ND		ND		ND		ND	
Acenaphthene	3400	ND		ND		ND		ND		ND		ND		ND	
Dibenzofuran	NLE	ND		ND		ND		ND		ND		ND		ND	
Diethylphthalate	10000	ND		ND		ND		ND		ND		ND		ND	
Fluorene	2300	ND		ND		ND		ND		ND		ND		ND	
Phenanthrene	NLE	ND		0.86J		ND		ND		ND		ND		0.11J	
Anthracene	10000	ND		0.27J		ND		ND		ND		ND		ND	
Di-n-butylphthalate	5700	0.38J		0.47J		0.38J		1.20J		0.31J		1.4		3	
Fluoranthene	2300	ND		6.40		ND		ND		ND		ND		0.25J	
Pyrene	1700	ND		4.80		ND		ND		ND		0.11J		0.19J	
Benzo[a]anthracene	0.9	ND		2.40		ND		ND		ND		ND		ND	
Chrysene	9	ND		2.60		ND		ND		ND		ND		0.12J	
bis(2-Ethylhexyl)phthalate	49	ND		ND		ND		ND		0.12J		0.17J		ND	
Benzo[b]fluoranthene	0.9	ND		2.20		ND		ND		ND		ND		ND	
Benzo[k]fluoranthene	0.9	ND		2.10		ND		ND		ND		ND		ND	
Benzo[a]pyrene	0.66	ND		2.50		ND		ND		ND		ND		ND	
Indeno[1,2,3-cd]pyrene	0.9	ND		1.20J		ND		ND		ND		ND		ND	
Dibenz[a,h]anthracene	0.66	ND		0.34J		ND		ND		ND		ND		ND	
Benzo[g,h,I]perylene	NLE	ND		1.50		ND		ND		ND		ND		ND	
Pesticides/PCBs (mg/kg)															
4,4'-DDE	2	0.046		0.387		0.743		0.186		0.155		0.094		0.136	
Dieldrin	0.042	ND		ND		ND		ND		ND		0.013		ND	
4,4'-DDD	3	ND		0.072		0.695		ND		0.015		ND		0.022	
4,4'-DDT	2	0.036		0.466		4.142		0.152		0.165		0.08		0.113	
gamma-Chlordane	NLE	ND		ND		ND		ND		ND		ND		ND	
alpha-Chlordane	NLE	ND		ND		ND		ND		ND		ND		ND	
Metals (mg/kg)															
Aluminum	NLE	18000		16300		17000		17300		2720		12100		5260	
Antimony	14	ND		ND		0.588		ND		0.792		0.407		0.424	
Arsenic	20	23.3		25.6		19.3		23.4		1.36		11.8		5.03	
Barium	700	26.2		29.2		17.6		40.3		12.9		20.8		19.8	
Beryllium	2	2.54		2.16		2.30		2.39		0.19		1.15		0.47	
Cadmium	39	1.21		1.09		1.00		3.17		0.268		0.539		0.276	
Calcium	NLE	634		1200		758		1180		162		386		235	
Chromium	NLE	308		254		258		280		16.3		135		51.0	
Cobalt	NLE	0.573		1.07		0.298		0.959		0.443		0.938		0.692	
Copper	600	65.4		31.9		25.5		34.2		4.80		33.0		7.50	
Iron	NLE	64400		55300		55900		57600		4980		31000		13900	
Lead	400	32.5		36.5		16.1		45.2		8.16		30.5		11.9	
Magnesium	NLE	10100		8290		8380		9020		474		4270		1520	
Manganese	NLE	22.2		30.4		18.2		47.0		18.5		29.6		24.1	
Mercury	14	0.073		0.97		0.044		0.069		0.037		0.313		0.068	
Nickel	250	7.11		7.88		6.36		8.00		2.26		10.9		3.16	
Potassium	NLE	22800		18600		19600		20500		770		9350		3070	
Selenium	63	2.48		2.11		1.94		1.67		0.661		1.08		0.705	
Silver	110	ND		ND		ND	15 of 15	ND		ND		ND		ND	
Sodium	NLE	148		118		238		124		74.9		130		64.9	
Vanadium	370	120		82.4		94.6		118		9.79		57.2		24.1	
Zinc	1500	84.9		85.3		70.5		256		26.7		49.8		32.6	

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-14 Landfill
Fort Monmouth, New Jersey

Boring ID	Analyte
SVOCs - 8 Borings	
B02	
	Benzo(a)pyrene
B03	
	Benzo(a)pyrene
B08	
	Benzo(a)anthracene
	Benzo(a)pyrene
	Benzo(b)fluoranthene
	Benzo(k)fluoranthene
B25	
	Benzo(a)anthracene
	Benzo(a)pyrene
	Benzo(b)fluoranthene
	Benzo(k)fluoranthene
B60	
	Benzo(a)anthracene
	Benzo(a)pyrene
	Benzo(b)fluoranthene
	Benzo(k)fluoranthene
	Chrysene
	Dibenz(a,h)anthracene
	Indeno(1,2,3-cd)pyrene
B76	
	Benzo(a)anthracene
	Benzo(a)pyrene
	Benzo(b)fluoranthene
	Benzo(k)fluoranthene
	Chrysene
	Dibenz(a,h)anthracene
	Indeno(1,2,3-cd)pyrene
B112	
	Benzo(a)anthracene
	Benzo(a)pyrene
	Benzo(b)fluoranthene
	Benzo(k)fluoranthene
	Indeno(1,2,3-cd)pyrene
B114	
	Benzo(a)anthracene
	Benzo(a)pyrene
	Benzo(b)fluoranthene
	Benzo(k)fluoranthene
	Indeno(1,2,3-cd)pyrene
Pest/PCBs - 4 Borings	
B33	

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-14 Landfill
Fort Monmouth, New Jersey

Boring ID	Analyte
	4,4'-DDT
B66	
	4,4'-DDT
B99	
	4,4'-DDT
B115	
	4,4'-DDT
Metals - 35 Borings	
B20	
	Beryllium
B28	
	Arsenic
B52	
	Arsenic
B54	
	Arsenic
	Beryllium
B56	
	Arsenic
B58	
	Beryllium
B60	
	Arsenic
B61	
	Arsenic
	Beryllium
B63	
	Beryllium
B64	
	Arsenic
	Beryllium
B66	
	Arsenic
	Beryllium
B67	
	Arsenic
	Beryllium
B68	
	Arsenic
	Beryllium
B72	
	Arsenic
B75	
	Arsenic
	Beryllium

Notes:
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Pest/PCBs = Pesticides/Polychlorinated-Biphenyls.

Table 4-2
Borings in Which Detections Exceeded Criteria
M-14 Landfill
Fort Monmouth, New Jersey

Boring ID	Analyte
B76	
	Arsenic
B77	
	Arsenic
	Beryllium
B78	
	Arsenic
B79	
	Arsenic
B81	
	Arsenic
B82	
	Arsenic
B83	
	Arsenic
B85	
	Arsenic
	Beryllium
B86	
	Arsenic
	Beryllium
B87	
	Arsenic
	Beryllium
B88	
	Arsenic
	Beryllium
B93	
	Arsenic
	Beryllium
B97	
	Arsenic
	Beryllium
B98	
	Arsenic
	Beryllium
B99	
	Arsenic
	Beryllium
B100	
	Arsenic
B113	
	Arsenic
	Beryllium
B114	
	Arsenic

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-14 Landfill
Fort Monmouth, New Jersey

Boring ID	Analyte
	Beryllium
B115	
	Beryllium
B116	
	Arsenic
	Beryllium

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 4-3
Laboratory Analysis Exceedance Summary
M-14 Landfill
Fort Monmouth, New Jersey

Analyte Name	RDCSC	Units	Number of Exceedances	Minimum Exceedance	Boring ID (Min)	Maximum Exceedance	Boring ID (Max)	Average Exceedance
SVOCs								
Benzo(a)anthracene	0.9	mg/kg	6	1	B25	27	B60	7.767
Benzo(a)pyrene	0.66	mg/kg	8	0.83	B02	26	B60	5.693
Benzo(b)fluoranthene	0.9	mg/kg	6	1.2	B08, B25	23	B60	6.767
Benzo(k)fluoranthene	0.9	mg/kg	6	1.3	B25	25	B60	6.450
Chrysene	9	mg/kg	2	11	B76	29	B60	20.000
Dibenz(a,h)anthracene	0.66	mg/kg	2	1.1	B60	1.2	B76	1.150
Indeno(1,2,3-cd)pyrene	0.9	mg/kg	4	0.95	B112	13	B60	4.813
Pest/PCBs								
4,4'-DDT	2	mg/kg	4	2.59	B66	4.142	B115	3.439
Metals								
Arsenic	20	mg/kg	31	20.7	B81	168	B28	31.268
Beryllium	2	mg/kg	23	2.03	B97	3.24	B64	2.495

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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-14 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Average Area	RDCSCC	Units	Compliance Analysis Decision
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)anthracene	AREA SVOC-2	0.9	mg/kg	Compliance averaging used.
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(a)pyrene	AREA SVOC-2	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 not allowed due to exceedance of the ceiling limit of 10X (for criterion<10 ppm).
Benzo(b)fluoranthene	AREA SVOC-2	0.9	mg/kg	Compliance averaging used.
Benzo(k)fluoranthene	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(k)fluoranthene	AREA SVOC-2	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 not allowed due to exceedance of the ceiling limit of 10X (for criterion<10 ppm).
Pest/PCBs				
4,4'-DDT	AREA PESTPCB-1	2	mg/kg	Compliance averaging used.

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.
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-14 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Average Area	RDCSCC	Units	Compliance Analysis Decision
4,4'-DDT	AREA PESTPCB-2	2	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.

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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-14 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(a)anthracene									
	AREA SVOC-2								
Benzo(a)anthracene	AREA SVOC-2	0.9	B02	0.88J	mg/kg	no			0.88
Benzo(a)anthracene	AREA SVOC-2	0.9	B03	0.66J	mg/kg	no			0.66
Benzo(a)anthracene	AREA SVOC-2	0.9	B05	ND	mg/kg	no	1.2		0.6
Benzo(a)anthracene	AREA SVOC-2	0.9	B06	0.17J	mg/kg	no			0.17
Benzo(a)anthracene	AREA SVOC-2	0.9	B07	ND	mg/kg	no	1.1		0.55
Benzo(a)anthracene	AREA SVOC-2	0.9	B08	2.40	mg/kg	yes			2.4
Benzo(a)anthracene	AREA SVOC-2	0.9	B09	ND	mg/kg	no	1.2		0.6
Benzo(a)anthracene	AREA SVOC-2	0.9	B10	0.13J	mg/kg	no			0.13
Benzo(a)anthracene	AREA SVOC-2	0.9	B12	0.15J	mg/kg	no			0.15
Benzo(a)anthracene	AREA SVOC-2	0.9	B13	ND	mg/kg	no	1.1		0.55
Benzo(a)anthracene	AREA SVOC-2	0.9	B14	ND	mg/kg	no	1.1		0.55
Benzo(a)anthracene	AREA SVOC-2	0.9	B17	ND	mg/kg	no	1.1		0.55
Benzo(a)anthracene	AREA SVOC-2	0.9	B21	0.44J	mg/kg	no			0.44
Benzo(a)anthracene	AREA SVOC-2	0.9	B25	1.00J	mg/kg	yes			1
						Compliance Average Result:			**0.659**
Benzo(b)fluoranthene									
	AREA SVOC-2								
Benzo(b)fluoranthene	AREA SVOC-2	0.9	B02	0.72J	mg/kg	no			0.72
Benzo(b)fluoranthene	AREA SVOC-2	0.9	B03	0.62J	mg/kg	no			0.62
Benzo(b)fluoranthene	AREA SVOC-2	0.9	B05	ND	mg/kg	no	1.2		0.6
Benzo(b)fluoranthene	AREA SVOC-2	0.9	B06	0.18J	mg/kg	no			0.18
Benzo(b)fluoranthene	AREA SVOC-2	0.9	B07	ND	mg/kg	no	1.1		0.55
Benzo(b)fluoranthene	AREA SVOC-2	0.9	B08	1.20	mg/kg	yes			1.2
Benzo(b)fluoranthene	AREA SVOC-2	0.9	B09	ND	mg/kg	no	1.2		0.6
Benzo(b)fluoranthene	AREA SVOC-2	0.9	B10	0.12J	mg/kg	no			0.12
Benzo(b)fluoranthene	AREA SVOC-2	0.9	B12	ND	mg/kg	no	1.1		0.55
Benzo(b)fluoranthene	AREA SVOC-2	0.9	B13	ND	mg/kg	no	1.1		0.55
Benzo(b)fluoranthene	AREA SVOC-2	0.9	B14	ND	mg/kg	no	1.1		0.55
Benzo(b)fluoranthene	AREA SVOC-2	0.9	B17	ND	mg/kg	no	1.1		0.55
Benzo(b)fluoranthene	AREA SVOC-2	0.9	B21	0.38J	mg/kg	no			0.38
Benzo(b)fluoranthene	AREA SVOC-2	0.9	B25	1.20	mg/kg	yes			1.2
						Compliance Average Result:			**0.598**

Notes:
RDCSCC = Residential Direct Contact Cleanup Criteria pre N.J.A.C. 7:26D.
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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-14 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-2								
Benzo(k)fluoranthene	AREA SVOC-2	0.9	B02	0.61J	mg/kg	no			0.61
Benzo(k)fluoranthene	AREA SVOC-2	0.9	B03	0.73J	mg/kg	no			0.73
Benzo(k)fluoranthene	AREA SVOC-2	0.9	B05	ND	mg/kg	no	1.2		0.6
Benzo(k)fluoranthene	AREA SVOC-2	0.9	B06	0.20J	mg/kg	no			0.2
Benzo(k)fluoranthene	AREA SVOC-2	0.9	B07	ND	mg/kg	no	1.1		0.55
Benzo(k)fluoranthene	AREA SVOC-2	0.9	B08	1.60	mg/kg	yes			1.6
Benzo(k)fluoranthene	AREA SVOC-2	0.9	B09	ND	mg/kg	no	1.2		0.6
Benzo(k)fluoranthene	AREA SVOC-2	0.9	B10	0.18J	mg/kg	no			0.18
Benzo(k)fluoranthene	AREA SVOC-2	0.9	B12	0.17J	mg/kg	no			0.17
Benzo(k)fluoranthene	AREA SVOC-2	0.9	B13	ND	mg/kg	no	1.1		0.55
Benzo(k)fluoranthene	AREA SVOC-2	0.9	B14	ND	mg/kg	no	1.1		0.55
Benzo(k)fluoranthene	AREA SVOC-2	0.9	B17	ND	mg/kg	no	1.1		0.55
Benzo(k)fluoranthene	AREA SVOC-2	0.9	B21	0.51J	mg/kg	no			0.51
Benzo(k)fluoranthene	AREA SVOC-2	0.9	B25	1.30	mg/kg	yes			1.3
						Compliance Average Result:			**0.621**
Chrysene									
	AREA SVOC-1								
Chrysene	AREA SVOC-1	9	B60	29.0D	mg/kg	yes			29
Chrysene	AREA SVOC-1	9	B65	ND	mg/kg	no	1.1		0.55
Chrysene	AREA SVOC-1	9	B70	ND	mg/kg	no	1.2		0.6
Chrysene	AREA SVOC-1	9	B76	11.0	mg/kg	yes			11
Chrysene	AREA SVOC-1	9	B81	0.22J	mg/kg	no			0.22
Chrysene	AREA SVOC-1	9	B87	0.88J	mg/kg	no			0.88
Chrysene	AREA SVOC-1	9	B93	ND	mg/kg	no	1.2		0.6
Chrysene	AREA SVOC-1	9	B99	ND	mg/kg	no	1.2		0.6
Chrysene	AREA SVOC-1	9	B100	ND	mg/kg	no	1.2		0.6
Chrysene	AREA SVOC-1	9	B106	ND	mg/kg	no	1.2		0.6
Chrysene	AREA SVOC-1	9	B107	0.92J	mg/kg	no			0.92
Chrysene	AREA SVOC-1	9	B112	3.90	mg/kg	no			3.9
Chrysene	AREA SVOC-1	9	B114	2.60	mg/kg	no			2.6
						Compliance Average Result:			**4.005**

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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-14 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'-DDT									
	AREA PESTPCB-1								
4,4'-DDT	AREA PESTPCB-1	2	B99	2.93	mg/kg	yes			2.93
4,4'-DDT	AREA PESTPCB-1	2	B100	0.003	mg/kg	no			0.003
4,4'-DDT	AREA PESTPCB-1	2	B106	0.355	mg/kg	no			0.355
4,4'-DDT	AREA PESTPCB-1	2	B107	0.144	mg/kg	no			0.144
4,4'-DDT	AREA PESTPCB-1	2	B113	0.036	mg/kg	no			0.036
4,4'-DDT	AREA PESTPCB-1	2	B114	0.466	mg/kg	no			0.466
4,4'-DDT	AREA PESTPCB-1	2	B115	4.142	mg/kg	yes			4.142
						Compliance Average Result:			**1.154**
	AREA PESTPCB-2								
4,4'-DDT	AREA PESTPCB-2	2	B33	4.095	mg/kg	yes			4.095
4,4'-DDT	AREA PESTPCB-2	2	B37	0.063	mg/kg	no			0.063
4,4'-DDT	AREA PESTPCB-2	2	B41	0.114	mg/kg	no			0.114
4,4'-DDT	AREA PESTPCB-2	2	B45	0.134	mg/kg	no			0.134
4,4'-DDT	AREA PESTPCB-2	2	B49	0.031	mg/kg	no			0.031
4,4'-DDT	AREA PESTPCB-2	2	B53	0.046	mg/kg	no			0.046
4,4'-DDT	AREA PESTPCB-2	2	B57	0.155	mg/kg	no			0.155
4,4'-DDT	AREA PESTPCB-2	2	B61	0.04	mg/kg	no			0.04
4,4'-DDT	AREA PESTPCB-2	2	B66	2.59	mg/kg	yes			2.59
						Compliance Average Result:			**0.808**

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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 4-6
Compliance Analysis Results Summary
M-14 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)anthracene	AREA SVOC-2	0.9	mg/kg	Yes	0.659	Compliance average below RDCSCC. No Further Action is warranted.
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(a)pyrene	AREA SVOC-2	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	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-2	0.9	mg/kg	Yes	0.598	Compliance average below RDCSCC. No Further Action is warranted.
Benzo(k)fluoranthene	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.

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-14 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Average Area	RDCSCC	Units	Compliance Averaging Performed	Compliance Average Result	Compliance Analysis Result
Benzo(k)fluoranthene	AREA SVOC-2	0.9	mg/kg	Yes	0.621	Compliance average below RDCSCC. No Further Action is warranted.
Chrysene	AREA SVOC-1	9	mg/kg	Yes	4.005	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	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-14 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'-DDT	AREA PESTPCB-1	2	mg/kg	Yes	1.154	Compliance average below RDCSCC. No Further Action is warranted.
4,4'-DDT	AREA PESTPCB-2	2	mg/kg	Yes	0.808	Compliance average below RDCSCC. 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-14 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.

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

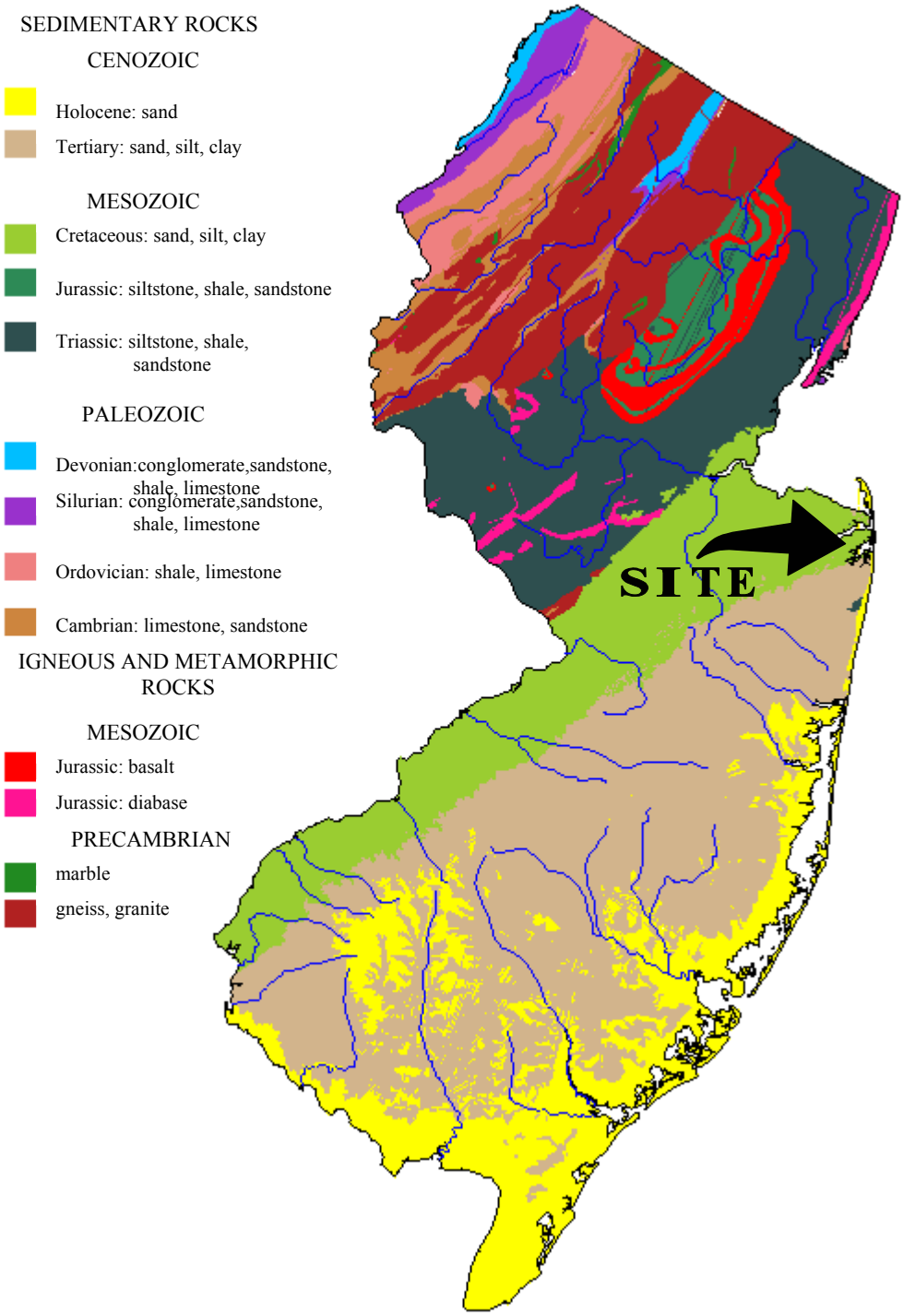
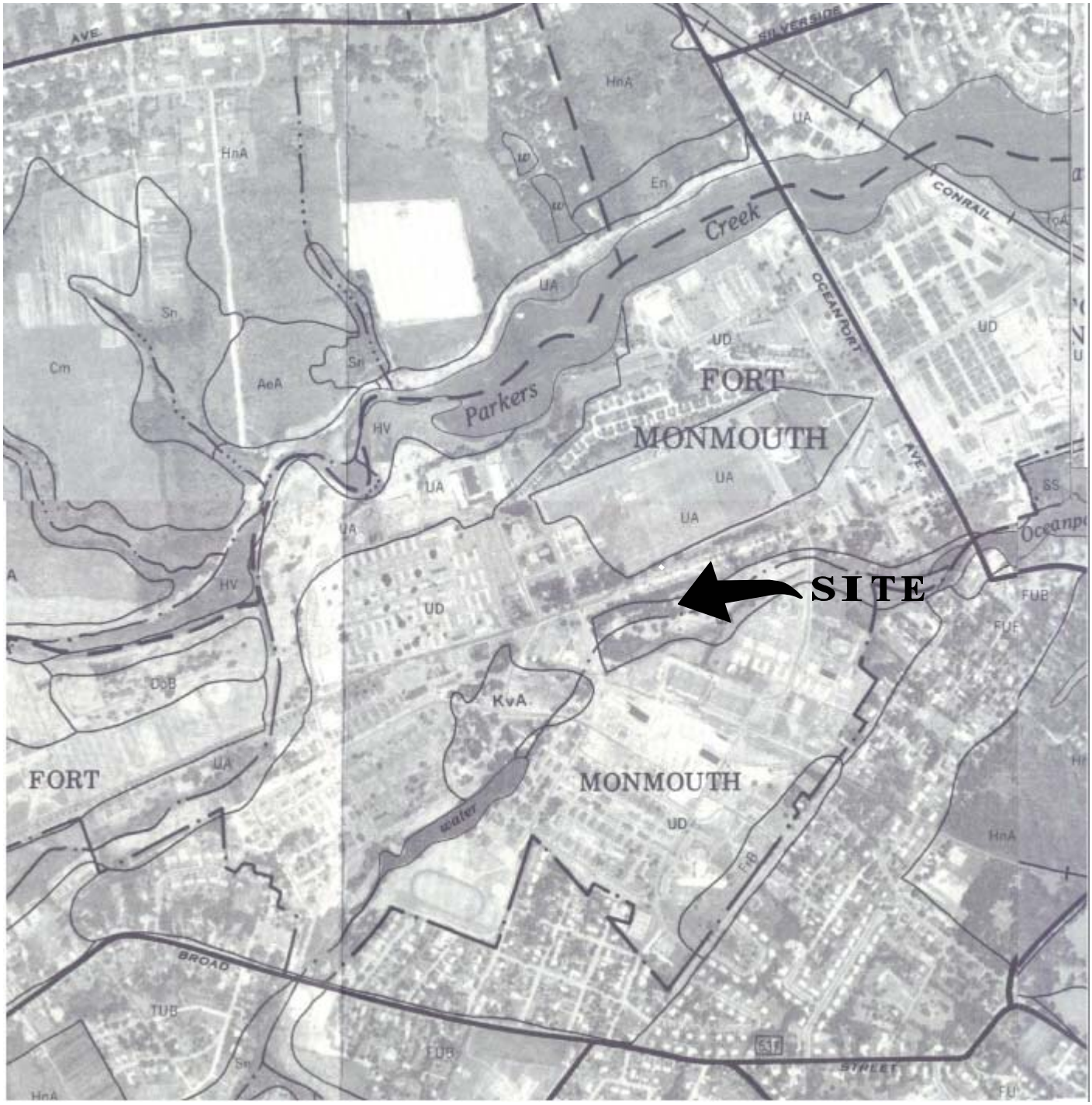


Figure 2-2
Geologic Map of New Jersey
M-14 Landfill Site
Fort Monmouth, New Jersey

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-14 Landfill Site
Fort Monmouth, New Jersey

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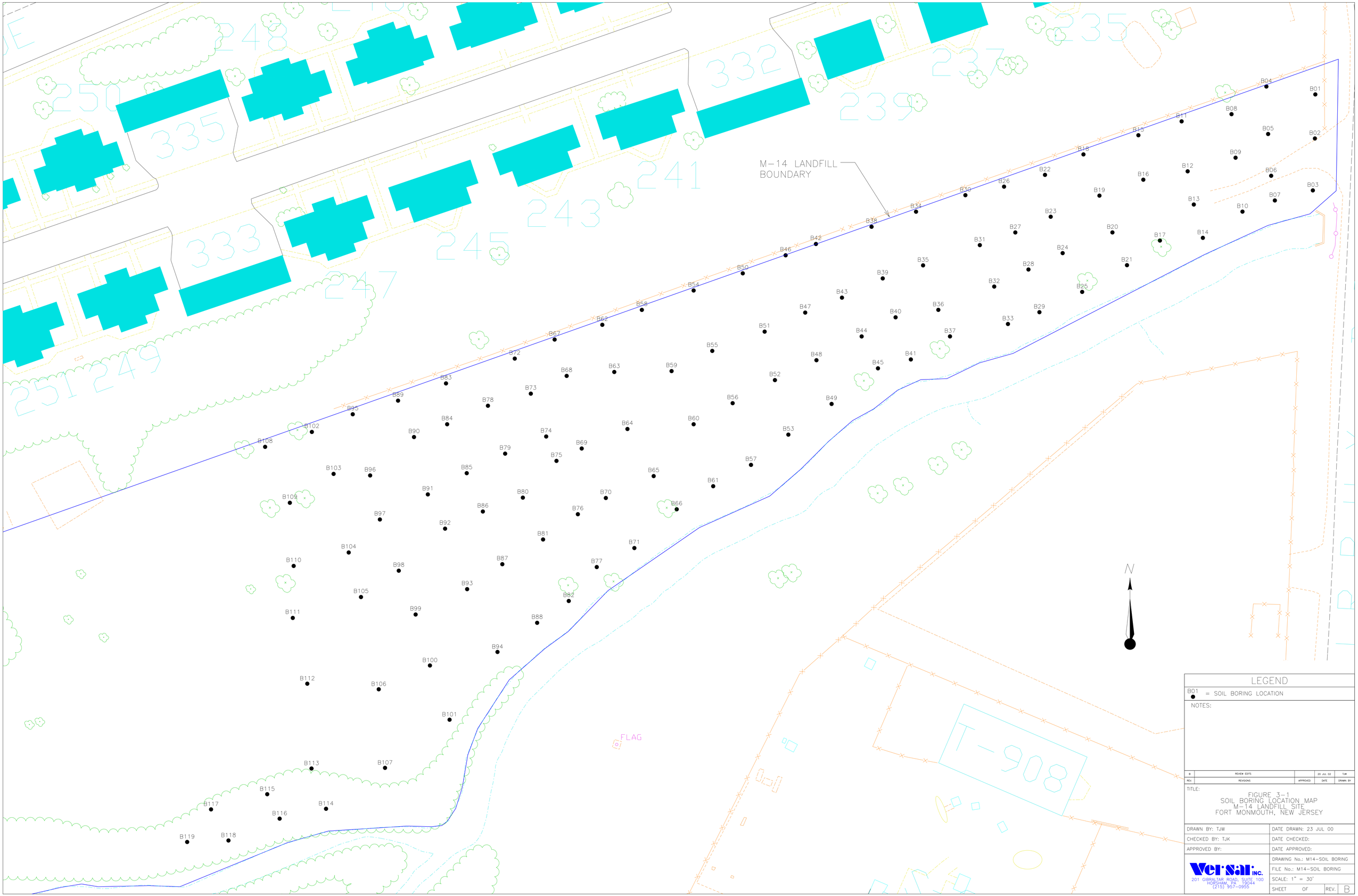
Horsham, PA 19044
(215) 957-0955



LEGEND

B01 ● = SOIL BORING LOCATION

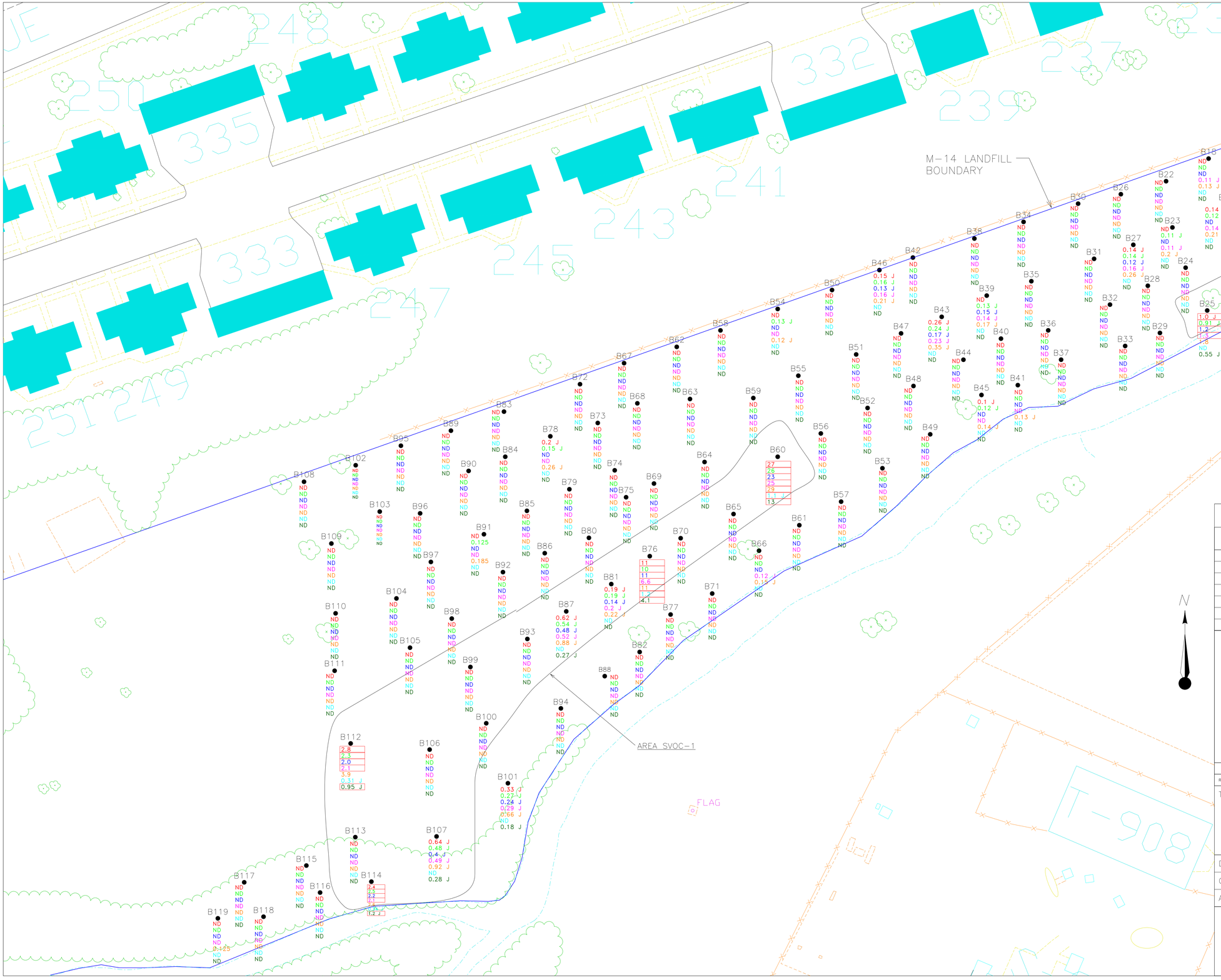
NOTES:

REV.	REVISIONS	APPROVED	DATE	DRAWN BY
B	REVIEW EDITS		20 JUL 02	TJW

TITLE:

FIGURE 3-1
SOIL BORING LOCATION MAP
M-14 LANDFILL SITE
FORT MONMOUTH, NEW JERSEY

DRAWN BY: TJW	DATE DRAWN: 23 JUL 00
CHECKED BY: TJK	DATE CHECKED:
APPROVED BY:	DATE APPROVED:
VERSAR INC. 201 GIBRALTAR ROAD, SUITE 100 HORSHAM, PA 19044 (215) 957-0955	DRAWING No.: M14-SOIL BORING
	FILE No.: M14-SOIL BORING
	SCALE: 1" = 30'
	SHEET OF REV. B



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)
DIBENZ[A,H]ANTHRACENE	0.66 (mg/kg)
INDENO[1,2,3-CD]PYRENE	0.9 (mg/kg)

NOTES:

1.) SAMPLING DEPTH IS 6-12" 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		20 JUL 02	TJW

TITLE:

FIGURE 4-1
SEMI-VOLATILES CONTAMINANT MAP
M-14 LANDFILL SITE
FORT MONMOUTH, NEW JERSEY

DRAWN BY: TJW	DATE DRAWN: 23 JUL 00
CHECKED BY: TJK	DATE CHECKED:
APPROVED BY:	DATE APPROVED:

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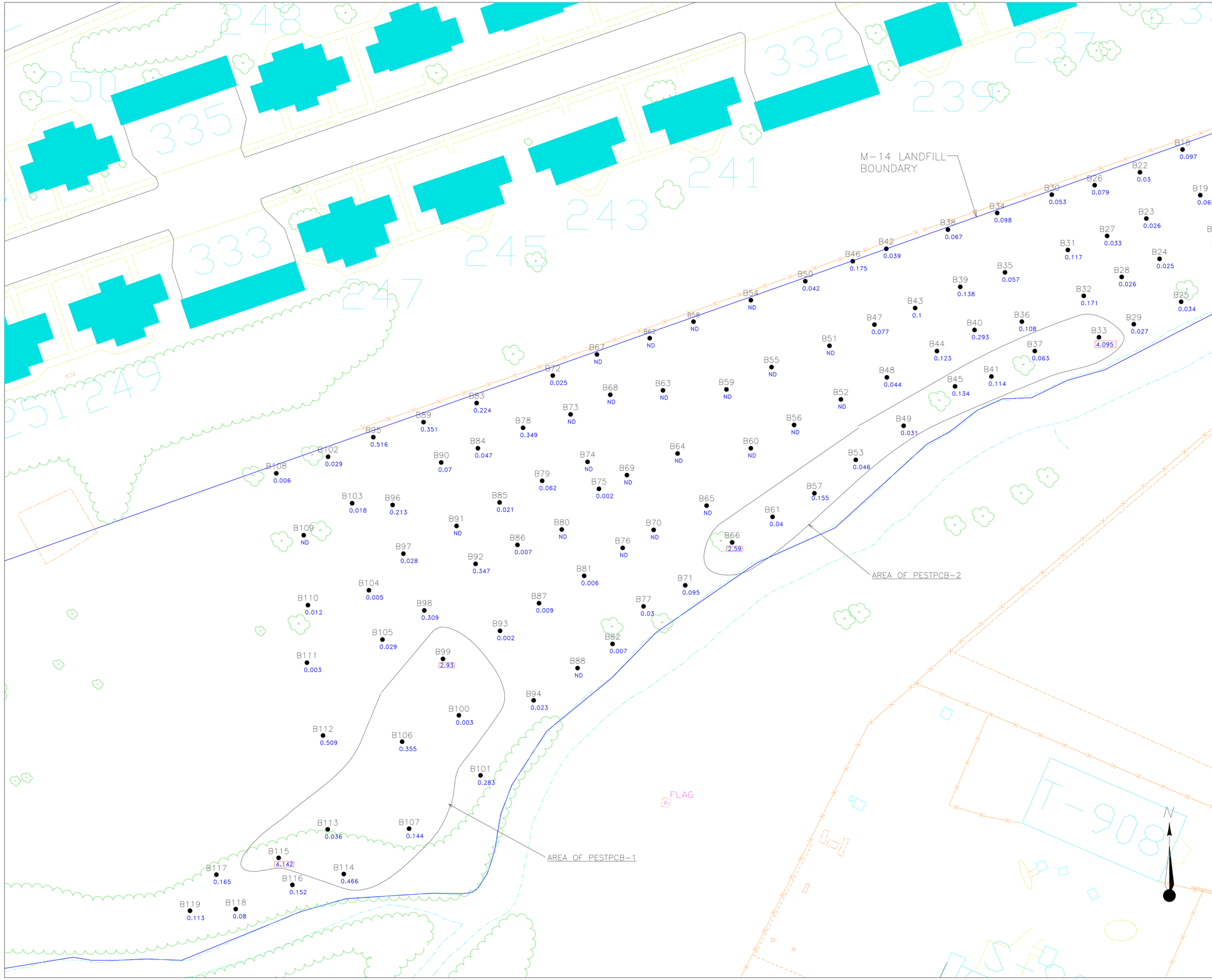
201 GIBRALTAR ROAD, SUITE 100
HORSHAM, PA 19044
(215) 957-0955

DRAWING No.: M14-SEMI-VOLATILES
FILE No.: M14-SEMI-VOLATILES
SCALE: 1" = 30'
SHEET OF REV. B



LEGEND

PESTICIDES/PCB's	NJDEP RESIDENTIAL DIRECT CONTACT SOIL CLEANUP CRITERIA
4,4'-DDT	2 (mg/kg)

NOTES:

1.) SAMPLING DEPTH IS 6-12" 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		20 JUL 02	TJW

TITLE:

FIGURE 4-2
PESTICIDES AND PCBs CONTAMINANT MAP
M-14 LANDFILL SITE
FORT MONMOUTH, NEW JERSEY

DRAWN BY: TJW	DATE DRAWN: 23 JUL 00
CHECKED BY: TJK	DATE CHECKED:
APPROVED BY:	DATE APPROVED:
	DRAWING No.: M14-PESTICIDES/PCB'S
	FILE No.: M14-PESTICIDES
	SCALE: 1" = 30'
	SHEET OF REV. B

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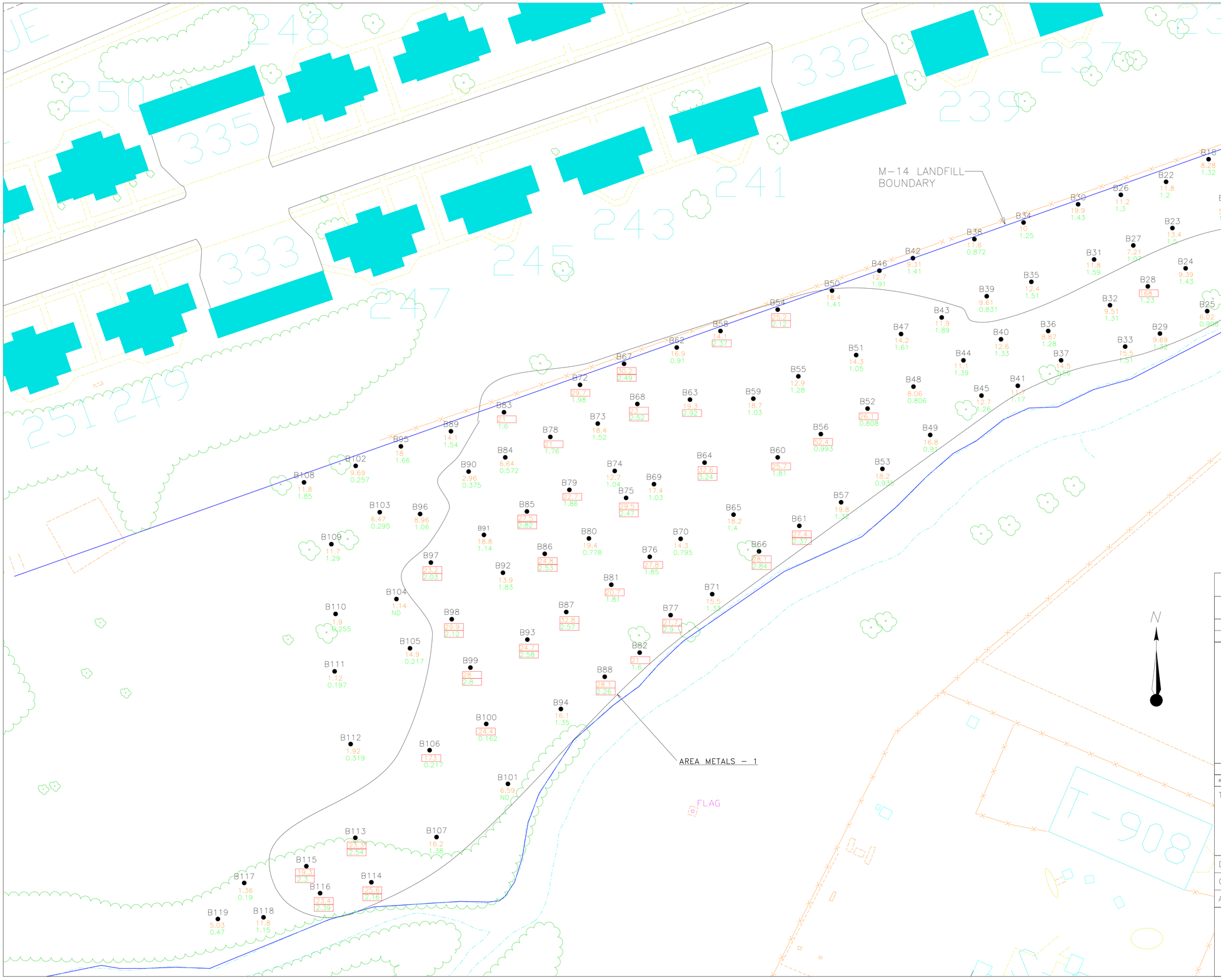


LEGEND

METALS	NJDEP RESIDENTIAL DIRECT CONTACT SOIL CLEANUP CRITERIA
ARSENIC	20 (mg/kg)
BERYLLIUM	2 (mg/kg)

NOTES:

1.) SAMPLING DEPTH IS 6-12" 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		20 JUL 02	TJW

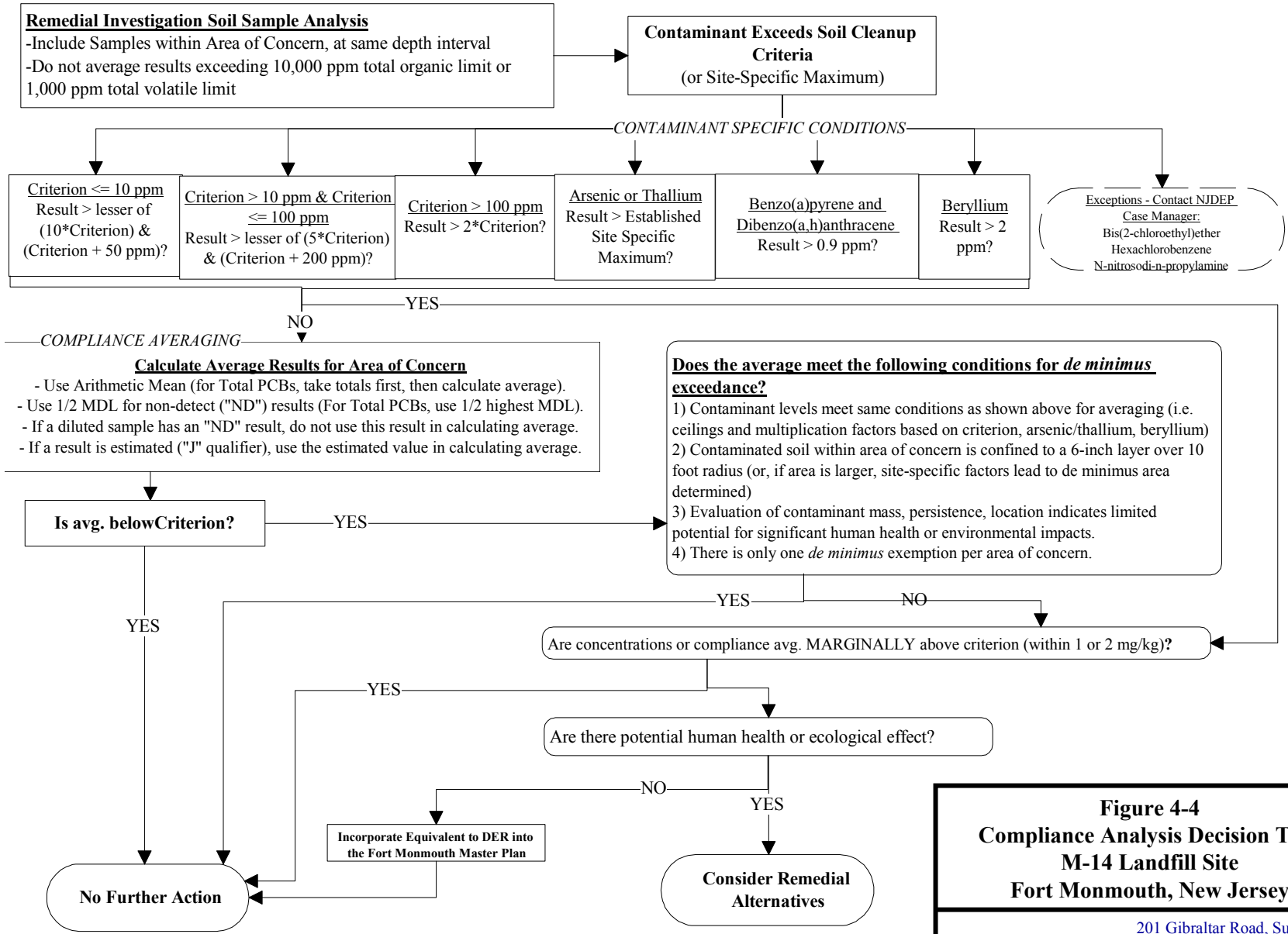
TITLE:

FIGURE 4-3
METALS CONTAMINANT MAP
M-14 LANDFILL SITE
FORT MONMOUTH, NEW JERSEY

DRAWN BY: TJW	DATE DRAWN: 23 JUL 00
CHECKED BY: TJK	DATE CHECKED:
APPROVED BY:	DATE APPROVED:

Ver·Sar INC.
201 GIBRALTAR ROAD, SUITE 100
HORSHAM, PA 19044
(215) 957-0955

DRAWING No.: M14-METALS
FILE No.: M14-METALS
SCALE: 1" = 30'
SHEET OF REV. B



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

Figure 4-4
Compliance Analysis Decision Tree
M-14 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-14 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-14 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 4.2.9 – Landfill 14 (M-14)

4.2.9 Landfill 14 (M-14)

4.2.9 1 Site Location

Landfill 14 (M-14) is located on the north bank of Husky Brook in the area west of Murphy Drive (Figure 4.2-15). This area is north of the suspected location of Landfill 12. The approximate area of site M-14 is 300,000 ft^2 (6.9 acres).

4.2.9.2 Site History

Both a 1935 Fort Monmouth map and the 1940s aerial photograph show a marshy area in this location. According to the IA, Landfill 14 was used in 1965 and 1966 for the disposal of building rubble that was covered by dredgings from Husky Brook Lake. A figure in Cosulich shows a 1940s-era landfill in the western part of the area. This 1940s landfill may have contained general domestic and industrial wastes similar to that found in other Main Post landfills.

As part of an NJPDES permit, surface-water samples have been taken at two locations in Husky Brook since February 1986. The results are summarized in the recent report (WESTON, 1993). No compounds were detected in concentrations above the NJDEP surface-water criteria.

4.2.9.3 Sampling Effort

GPR and magnetometer surveys were conducted in the western half of this site to ascertain whether the landfill extends into this area. Three monitor wells (MW-19 through MW-21), shown in Figure 4.2-15, were installed and sampled twice for TCL +30 parameters, TAL metals, and cyanide. Tidal monitoring was conducted at the same time as the tidal monitoring at Landfill 12. Surface-water samples were taken at M14SW-1 and M14SW-2.

4.2.9.4 Geophysical Results

The magnetometer survey at site M-14 shows the majority of the site to have background total magnetic field readings of approximately 54,000 nT, as shown on the total magnetic field contour plot in Figure 4.2-21. However, anomalous readings exist at grid coordinates along the 100N traverse from 0E to 700E, 20N/100E, 40N/760E, 40N/810E, and 0 to 90S/300E to 700E. These anomalies, mostly represented by the blue contour interval or approximately 48,000 nT, can be attributed to cultural features such as a buried gas main, a fence, playground apparatus, and overhead power lines, respectively. The magnetic gradient component confirms the total field anomalies as shown in Figure 4.2-22. A smaller discrete anomaly exists at grid coordinate 40N from 420E to 470E, which is indicative of buried ferrous material.

The overhead power lines could be masking the magnetic response that any potential buried ferrous material may have, however, the GPR survey was conducted to identify any subsurface "disturbances" such as metallic fill material. Chaotic radar reflectors, indicative of fill material, coarse-grained soils, or disturbed soils, were found mainly along the treeline at grid coordinates 0 to 60S/150E to 250E, and 75S to 120S/400E to 475E. Chaotic radar reflectors, corresponding to a magnetic gradient anomaly, exist at 0 to 20N/450E to 575E, and are indicative of ferrous material. Hyperbolic radar signatures, identified as the gas main, were revealed along the 100N traverse at a depth of approximately 3 ft bgs.

While magnetometer and GPR anomalies exist throughout the site, a discrete landfill boundary was not identified at site M-14. This may be due in part to the composition of the fill material, as described in the lithologic logs, and the lack of metallic material.

4.2.9.5 Hydrogeologic Interpretation

Lithologic logs from site monitor wells indicate that the lithology consists of a thin soil cover (0.4 ft) underlain by fill material. The components of the filled materials observed in the borings consisted of concrete rubble, charcoal, wood, and glass fragments intermixed with a gray-green silty fine-coarse-grained sand with little clay and gravel.

Groundwater saturation was observed in the boreholes during activities between 4 and 6 ft bgs. The three monitor wells were screened across the water table, with total depths of 14, 15, and 16 ft bgs in MW-19, MW-20, and MW-21, respectively. Water-level elevation data, measured on 6 March 1995, indicate that local groundwater flow is south toward Husky Brook (Figure 4.2-20). Based on groundwater elevation measurements, monitor wells MW-19 and MW-21 are downgradient of the M-14 area.

4.2.9.6 Groundwater Sampling Results

Monitor wells at site M-14 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 4.2-11 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 subsequent site-specific and Monmouth County maximum background concentration, where appropriate.

VOCs

VOCs were not detected in the site monitor wells from either sampling round.

SVOCs

SVOCs were not detected in the site monitor wells from either sampling round.

Pesticides/PCBs

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

Table 4.2-11
Fort Monmouth - Main Post
Summary of Average Concentrations of Detected Compounds in Groundwater - Site M-14

COMPOUND	METHOD DETECTION LIMIT (µg/L)	NJDEP GROUNDWATER QUALITY CRITERIA (µg/L)	MAXIMUM BACKGROUND CONCENTRATION (µg/L)	ANALYTICAL RESULTS (µg/L) SAMPLING DATE		
				MW19 2/20/95, 3/10/95 (avg.)	MW20 2/22/95, 3/13/95 (avg.)	MW21 2/22/95, 3/9/95 (avg.)
METALS TOTAL (µg/L)						
Aluminum	24.0	200	121000	**393**	**903.5**	**1380**
Arsenic	1.9	8*	89.3	ND	6.3	2.33
Barium	1.7	2000	699	214.5	48.7	35.2
Beryllium	0.9	20*	7[1]	ND	0.245	ND
Calcium	10.4	NLE	45400	38700	31850	32800
Cobalt	3.0	NLE	18.3	2.03	ND	ND
Chromium	2.9	100	191	4.925	9.625	12.65
Copper	1.9	1000	730[1]	8.15	8.3	2.35
Iron	6.4	300	431000	**41400**	**7960**	**5685**
Potassium	685	NLE	137000	4660	5316	7490
Magnesium	18.3	NLE	62700	5185	4270	4060
Manganese	1.8	50	480[1]	**550.5**	**199.5**	**64.45**
Sodium	30.5	50000	197000[1]	8815	22600	6700
Nickel	10.8	100	187	3.35	5.65	ND
Lead	1.6	10*	22.7	**18.75**	4.65	3.45
Vanadium	2.3	NLE	108	ND	6.25	8.75
Zinc	3.8	5000	233	89.5	14.5	13.5

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

ND - Indicates that the compound was not detected at the noted quantification limits

NLE - No Level Established

[1] - Monmouth County maximum background concentration.

Metals

As indicated in Table 4.2-11, of the 17 metals detected in site groundwater, 4 (aluminum, iron, manganese, and lead) were found in concentrations exceeding the NJDEP GWQC. In addition, manganese was found in a concentration greater than both the site-specific and the Monmouth County maximum background level in MW-19 only. As discussed in Subsection 4.1, groundwater flowing through glauconitic formations contains abundant manganese. In addition, manganese is a common metal found in tidally influenced environments. Therefore, manganese is not identified as a compound of concern. Aluminum and lead were found in concentrations below those determined for site-specific and Monmouth County maximum background levels.

Although the concentration of iron exceeded the Monmouth County background level in MW-19, the concentration was well below the site-specific background level established at the Main Post.

The lower reaches of Husky Brook are tidal. The sodium content of surface water is saline (Subsection 4.2.9.7), suggesting that saltwater has encroached upon this section of Husky Brook. The relatively high sodium content of the monitor wells in the vicinity of Husky Brook is caused by the saltwater encroachment.

Cyanide

Cyanide was not detected in the site monitor wells from either sampling round.

4.2.9.7 Surface-Water Sampling Results

Two surface-water samples, M14SW-1 and M14SW-2 were collected at M-14 (Figure 4.2-15). Both samples were determined to be saltwater based on conductivity and salinity results, and total (unfiltered) and soluble (filtered) concentrations were compared to NJDEP saltwater criteria and background (Table 4.2-12).

Table 4.2-12
Fort Monmouth - Main Post
Summary of Detected Compounds in Surface Water
Total and Soluble - Site M-14

COMPOUND	METHOD DETECTION LIMIT	NJDEP SURFACE WATER CRITERIA* SALINE WATER	MAXIMUM BACKGROUND CONCENTRATION (TOTAL)	MAXIMUM BACKGROUND CONCENTRATION (SOLUBLE)	ANALYTICAL RESULTS SAMPLING DATE - 12/1/1994			
					M14 (Total)		M14 (Soluble)	
					SW-1	SW-2	SW-1	SW-2
VOC's (µg/L)								
1,2-Dichloroethene (total)	4.4	NLE	ND	ND	4 J	5 J	NA	NA
SVOCs (µg/L)								
bis-(2-Ethylhexyl)phthalate	9.7	5.92 (hc)	ND	ND	ND	2 J	NA	NA
METALS TOTAL (µg/L)								
Aluminum	26.7	NLE	748	ND	188	205	ND	26.7
Barium	2.1	NLE	44.7	39.4	30	33.1	27.2	31.2
Calcium	12	NLE	31600	30900	16200	20400	16300	20300
Cobalt	2.4	NLE	8.1	4.1	ND	ND	ND	ND
Copper	2.4	NLE	3.2	4	2.9	5.3	5.6	4.9
Iron	4.7	NLE	6210	405	1920	2070	839	999
Lead	1.6	NLE	10	ND	3.4	2.8	3.1	3.2
Magnesium	38.2	NLE	5440	5120	9770	21400	9540	21600
Manganese	2.0	100 (h)	113	98.6	65.6	68.4	63.6	66.1
Nickel	12.8	NLE	22.9	16.1	14.2	ND	ND	ND
Potassium	821	NLE	5060	4280	4840	8320	4240	8220
Sodium	15.4	NLE	26700	26200	70100	168000	69100	171000
Zinc	2.8	NLE	35.1	23.8	23.7	23.4	14.4	13.2

* - NJDEP Surface Water Quality Standards (1993).
h -Non carcinogen effect-based human health criteria as a 30 day average.
hc - Carcinogen effect-based human health criteria as 70 year average.
ND - Indicates that the compound was not detected at the noted quantification limit.
J - Indicates that the concentration value was estimated due to detection at or near the quantification limit.
NLE - No Level Established
NA - Not Analyzed.
Compounds dectected above NJDEP Surface Water Criteria are noted by bold numbers.

VOCs

VOCs were analyzed for but were not detected above the laboratory quantitation limit in site surface-water samples.

SVOCs

SVOCs were analyzed for but were not detected above the laboratory quantitation limit in site surface-water samples.

Pesticides/PCBs

Pesticides/PCBs were analyzed for but were not detected in site surface-water samples.

Metals

As indicated in Table 4.2-12, no metals were found in concentrations exceeding the NJDEP surface-water criteria (saline).

4.2.9.8 Recommendations

The results of the geophysical surveys indicate that fill and some metallic debris exist throughout the site; however, a discrete landfill boundary was not identified at site M-14. This may be due in part to the composition of the fill material and the small amount of subsurface metallic material present at the site.

The groundwater and surface-water sampling results indicate that no compounds of concern were detected above NJDEP GWQC and surface-water criteria.

Tidal monitoring was conducted at site M-12 and site M-14 simultaneously. The results of the tidal monitoring are discussed in Subsection 6.1.6.

Although no compounds of concern were identified at site M-14, because of the site's history of being used as a landfill, 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. Contaminants 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-14 LANDFILL

Field Sample Location	Laboratory Sample ID#	Matrix	Date and Time of Collection	Date Received
Trip Blank	4156.01	Methanol	23-Dec-98	12/23/98
M-14 1 6-12"	4156.02	Soil	23-Dec-98 09:08	12/23/98
M-14 1 24"	4156.03	Soil	23-Dec-98 09:08	12/23/98
M-14 2 6-12"	4156.04	Soil	23-Dec-98 09:30	12/23/98
M-14 2 24"	4156.05	Soil	23-Dec-98 09:30	12/23/98
M-14 3 6-12"	4156.06	Soil	23-Dec-98 10:00	12/23/98
M-14 3 24"	4156.07	Soil	23-Dec-98 10:00	12/23/98
M-14 4 6-12"	4156.08	Soil	23-Dec-98 10:38	12/23/98
M-14 4 24"	4156.09	Soil	23-Dec-98 10:38	12/23/98
M-14 5 6-12"	4156.10	Soil	23-Dec-98 11:00	12/23/98
M-14 5 24"	4156.11	Soil	23-Dec-98 11:00	12/23/98
M-14 6 6-12"	4156.12	Soil	23-Dec-98 11:25	12/23/98
M-14 6 24"	4156.13	Soil	23-Dec-98 11:25	12/23/98
Trip Blank	4159.01	Methanol	28-Dec-98	12/28/98
M-14 7 6-12"	4159.02	Soil	28-Dec-98 10:00	12/28/98
M-14 7 24"	4159.03	Soil	28-Dec-98 10:00	12/28/98
M-14 8 6-12"	4159.04	Soil	28-Dec-98 10:20	12/28/98
M-14 8 24"	4159.05	Soil	28-Dec-98 10:20	12/28/98
M-14 9 6-12"	4159.06	Soil	28-Dec-98 10:35	12/28/98
M-14 9 24"	4159.07	Soil	28-Dec-98 10:35	12/28/98
M-14 10 6-12"	4159.08	Soil	28-Dec-98 10:50	12/28/98
M-14 10 24"	4159.09	Soil	28-Dec-98 10:50	12/28/98
M-14 11 6-12"	4159.10	Soil	28-Dec-98 11:10	12/28/98
M-14 11 24"	4159.11	Soil	28-Dec-98 11:10	12/28/98
M-14 12 6-12"	4159.12	Soil	28-Dec-98 11:25	12/28/98
M-14 12 24"	4159.13	Soil	28-Dec-98 11:25	12/28/98
M-14 13 6-12"	4159.14	Soil	28-Dec-98 13:15	12/28/98
M-14 13 24"	4159.15	Soil	28-Dec-98 13:15	12/28/98
M-14 14 6-12"	4159.16	Soil	28-Dec-98 13:30	12/28/98
M-14 14 24"	4159.17	Soil	28-Dec-98 13:30	12/28/98

SAMPLE LOCATION AND IDENTIFICATION

M-14 15 6-12"	4159.18	Soil	28-Dec-98 13:48	12/28/98
M-14 15 24"	4159.19	Soil	28-Dec-98 13:48	12/28/98
M-14 16 6-12"	4159.20	Soil	28-Dec-98 14:08	12/28/98
M-14 16 24"	4159.21	Soil	28-Dec-98 14:08	12/28/98
M-14 17 6-12"	4159.22	Soil	28-Dec-98 14:22	12/28/98
M-14 17 24"	4159.23	Soil	28-Dec-98 14:22	12/28/98
M-14 18 6-12"	4159.24	Soil	28-Dec-98 14:42	12/28/98
M-14 18 24"	4159.25	Soil	28-Dec-98 14:42	12/28/98
M-14 19 6-12"	4159.26	Soil	28-Dec-98 15:00	12/28/98
M-14 19 24"	4159.27	Soil	28-Dec-98 15:00	12/28/98
Trip Blank	4160.01	Methanol	29-Dec-98	12/29/98
M-14 20 6-12"	4160.02	Soil	29-Dec-98 09:55	12/29/98
M-14 20 24"	4160.03	Soil	29-Dec-98 09:55	12/29/98
M-14 21 6-12"	4160.04	Soil	29-Dec-98 10:15	12/29/98
M-14 21 24"	4160.05	Soil	29-Dec-98 10:15	12/29/98
M-14 22 6-12"	4160.06	Soil	29-Dec-98 11:00	12/29/98
M-14 22 24"	4160.07	Soil	29-Dec-98 11:00	12/29/98
M-14 23 6-12"	4160.08	Soil	29-Dec-98 11:20	12/29/98
M-14 23 24"	4160.09	Soil	29-Dec-98 11:20	12/29/98
M-14 24 6-12"	4160.10	Soil	29-Dec-98 11:45	12/29/98
M-14 24 24"	4160.11	Soil	29-Dec-98 11:45	12/29/98
M-14 25 6-12"	4160.12	Soil	29-Dec-98 13:27	12/29/98
M-14 25 24"	4160.13	Soil	29-Dec-98 13:27	12/29/98
M-14 26 6-12"	4160.14	Soil	29-Dec-98 13:49	12/29/98
M-14 26 24"	4160.15	Soil	29-Dec-98 13:49	12/29/98
M-14 27 6-12"	4160.16	Soil	29-Dec-98 14:10	12/29/98
M-14 27 24"	4160.17	Soil	29-Dec-98 14:10	12/29/98
M-14 28 6-12"	4160.18	Soil	29-Dec-98 14:21	12/29/98
M-14 28 24"	4160.19	Soil	29-Dec-98 14:21	12/29/98
M-14 29 6-12"	4160.20	Soil	29-Dec-98 14:43	12/29/98
M-14 29 24"	4160.21	Soil	29-Dec-98 14:43	12/29/98
Field Dup. 6-12"	4160.22	Soil	29-Dec-98	12/29/98
Field Dup. 24"	4160.23	Soil	29-Dec-98	12/29/98
Trip Blank	4162.01	Methanol	30-Dec-98	12/30/98
M-14 30 6-12"	4162.02	Soil	30-Dec-98 09:25	12/30/98
M-14 30 24"	4162.03	Soil	30-Dec-98 09:25	12/30/98
M-14 31 6-12"	4162.04	Soil	30-Dec-98 09:45	12/30/98
M-14 31 24"	4162.05	Soil	30-Dec-98 09:45	12/30/98
M-14 32 6-12"	4162.06	Soil	30-Dec-98 10:00	12/30/98
M-14 32 24"	4162.07	Soil	30-Dec-98 10:00	12/30/98
M-14 33 6-12"	4162.08	Soil	30-Dec-98 10:15	12/30/98
M-14 33 24"	4162.09	Soil	30-Dec-98 10:15	12/30/98
M-14 34 6-12"	4162.10	Soil	30-Dec-98 10:33	12/30/98
M-14 34 24"	4162.11	Soil	30-Dec-98 10:33	12/30/98
M-14 35 6-12"	4162.12	Soil	30-Dec-98 10:50	12/30/98
M-14 35 24"	4162.13	Soil	30-Dec-98 10:50	12/30/98
M-14 36 6-12"	4162.14	Soil	30-Dec-98 11:03	12/30/98
M-14 36 24"	4162.15	Soil	30-Dec-98 11:03	12/30/98
M-14 37 6-12"	4162.16	Soil	30-Dec-98 11:20	12/30/98
M-14 37 24"	4162.17	Soil	30-Dec-98 11:20	12/30/98
M-14 38 6-12"	4162.18	Soil	30-Dec-98 11:38	12/30/98
M-14 38 24"	4162.19	Soil	30-Dec-98 11:38	12/30/98
M-14 39 6-12"	4162.20	Soil	30-Dec-98 13:20	12/30/98

SAMPLE LOCATION AND IDENTIFICATION

M-14 39 24"	4162.21	Soil	30-Dec-98 13:20	12/30/98
M-14 40 6-12"	4162.22	Soil	30-Dec-98 13:42	12/30/98
M-14 40 24"	4162.23	Soil	30-Dec-98 13:42	12/30/98
M-14 41 6-12"	4162.24	Soil	30-Dec-98 13:55	12/30/98
M-14 41 24"	4162.25	Soil	30-Dec-98 13:55	12/30/98
M-14 42 6-12"	4162.26	Soil	30-Dec-98 14:15	12/30/98
M-14 42 24"	4162.27	Soil	30-Dec-98 14:15	12/30/98
M-14 43 6-12"	4162.28	Soil	30-Dec-98 14:32	12/30/98
M-14 43 24"	4162.29	Soil	30-Dec-98 14:32	12/30/98
M-14 44 6-12"	4162.30	Soil	30-Dec-98 14:48	12/30/98
M-14 44 24"	4162.31	Soil	30-Dec-98 14:48	12/30/98
Trip Blank	4164.01	Methanol	31-Dec-98	12/31/98
M-14 45 6-12"	4164.02	Soil	31-Dec-98 09:38	12/31/98
M-14 45 24"	4164.03	Soil	31-Dec-98 09:38	12/31/98
M-14 46 6-12"	4164.04	Soil	31-Dec-98 09:54	12/31/98
M-14 46 24"	4164.05	Soil	31-Dec-98 09:54	12/31/98
M-14 47 6-12"	4164.06	Soil	31-Dec-98 10:20	12/31/98
M-14 47 24"	4164.07	Soil	31-Dec-98 10:20	12/31/98
M-14 48 6-12"	4164.08	Soil	31-Dec-98 10:40	12/31/98
M-14 48 24"	4164.09	Soil	31-Dec-98 10:40	12/31/98
M-14 49 6-12"	4164.10	Soil	31-Dec-98 11:00	12/31/98
M-14 49 24"	4164.11	Soil	31-Dec-98 11:00	12/31/98
M-14 50 6-12"	4164.12	Soil	31-Dec-98 11:20	12/31/98
M-14 50 24"	4164.13	Soil	31-Dec-98 11:20	12/31/98
M-14 51 6-12"	4164.14	Soil	31-Dec-98 13:15	12/31/98
M-14 51 24"	4164.15	Soil	31-Dec-98 13:15	12/31/98
M-14 52 6-12"	4164.16	Soil	31-Dec-98 13:30	12/31/98
M-14 52 24"	4164.17	Soil	31-Dec-98 13:30	12/31/98
M-14 53 6-12"	4164.18	Soil	31-Dec-98 13:49	12/31/98
M-14 53 24"	4164.19	Soil	31-Dec-98 13:49	12/31/98
Field Dup. 6-12"	4164.20	Soil	31-Dec-98	12/31/98
Field Dup. 24"	4164.21	Soil	31-Dec-98	12/31/98
Trip Blank	4169.01	Methanol	05-Jan-99	01/05/99
M-14 54 6-12"	4169.02	Soil	05-Jan-99 10:12	01/05/99
M-14 54 24"	4169.03	Soil	05-Jan-99 10:12	01/05/99
M-14 55 6-12"	4169.04	Soil	05-Jan-99 10:20	01/05/99
M-14 55 24"	4169.05	Soil	05-Jan-99 10:20	01/05/99
M-14 56 6-12"	4169.06	Soil	05-Jan-99 10:30	01/05/99
M-14 56 24"	4169.07	Soil	05-Jan-99 10:30	01/05/99
M-14 57 6-12"	4169.08	Soil	05-Jan-99 10:50	01/05/99
M-14 57 24"	4169.09	Soil	05-Jan-99 10:50	01/05/99
M-14 58 6-12"	4169.10	Soil	05-Jan-99 11:05	01/05/99
M-14 58 24"	4169.11	Soil	05-Jan-99 11:05	01/05/99
M-14 59 6-12"	4169.12	Soil	05-Jan-99 11:12	01/05/99
M-14 59 24"	4169.13	Soil	05-Jan-99 11:12	01/05/99
M-14 60 6-12"	4169.14	Soil	05-Jan-99 11:25	01/05/99
M-14 60 24"	4169.15	Soil	05-Jan-99 11:25	01/05/99
M-14 61 6-12"	4169.16	Soil	05-Jan-99 11:36	01/05/99
M-14 61 24"	4169.17	Soil	05-Jan-99 11:36	01/05/99
M-14 62 6-12"	4169.18	Soil	05-Jan-99 11:45	01/05/99
M-14 62 24"	4169.19	Soil	05-Jan-99 11:45	01/05/99
M-14 63 6-12"	4169.20	Soil	05-Jan-99 13:40	01/05/99
M-14 63 24"	4169.21	Soil	05-Jan-99 13:40	01/05/99

SAMPLE LOCATION AND IDENTIFICATION

M-14 64 6-12"	4169.22	Soil	05-Jan-99 13:44	01/05/99
M-14 64 24"	4169.23	Soil	05-Jan-99 13:44	01/05/99
M-14 65 6-12"	4169.24	Soil	05-Jan-99 14:00	01/05/99
M-14 65 24"	4169.25	Soil	05-Jan-99 14:00	01/05/99
M-14 66 6-12"	4169.26	Soil	05-Jan-99 14:00	01/05/99
M-14 66 24"	4169.27	Soil	05-Jan-99 14:00	01/05/99
M-14 67 6-12"	4169.28	Soil	05-Jan-99 14:25	01/05/99
M-14 67 24"	4169.29	Soil	05-Jan-99 14:25	01/05/99
M-14 68 6-12"	4169.30	Soil	05-Jan-99 14:44	01/05/99
M-14 68 24"	4169.31	Soil	05-Jan-99 14:44	01/05/99
M-14 69 6-12"	4169.32	Soil	05-Jan-99 14:38	01/05/99
M-14 69 24"	4169.33	Soil	05-Jan-99 14:38	01/05/99
M-14 70 6-12"	4169.34	Soil	05-Jan-99 14:45	01/05/99
M-14 70 24"	4169.35	Soil	05-Jan-99 14:45	01/05/99
M-14 71 6-12"	4169.36	Soil	05-Jan-99 15:20	01/05/99
M-14 71 24"	4169.37	Soil	05-Jan-99 15:20	01/05/99
Field Dup. 6-12"	4169.38	Soil	05-Jan-99	01/05/99
Field Dup. 24"	4169.39	Soil	05-Jan-99	01/05/99
Trip Blank	4173.01	Methanol	06-Jan-99	01/06/99
M-14 72 6-12"	4173.02	Soil	06-Jan-99 10:45	01/06/99
M-14 72 24"	4173.03	Soil	06-Jan-99 10:45	01/06/99
M-14 73 6-12"	4173.04	Soil	06-Jan-99 11:10	01/06/99
M-14 73 24"	4173.05	Soil	06-Jan-99 11:10	01/06/99
M-14 74 6-12"	4173.06	Soil	06-Jan-99 11:25	01/06/99
M-14 74 24"	4173.07	Soil	06-Jan-99 11:25	01/06/99
M-14 75 6-12"	4173.08	Soil	06-Jan-99 11:50	01/06/99
M-14 75 24"	4173.09	Soil	06-Jan-99 11:50	01/06/99
M-14 76 6-12"	4173.10	Soil	06-Jan-99 12:00	01/06/99
M-14 76 24"	4173.11	Soil	06-Jan-99 12:00	01/06/99
M-14 77 6-12"	4173.12	Soil	06-Jan-99 13:00	01/06/99
M-14 77 24"	4173.13	Soil	06-Jan-99 13:00	01/06/99
M-14 78 6-12"	4173.14	Soil	06-Jan-99 13:20	01/06/99
M-14 78 24"	4173.15	Soil	06-Jan-99 13:20	01/06/99
M-14 79 6-12"	4173.16	Soil	06-Jan-99 13:42	01/06/99
M-14 79 24"	4173.17	Soil	06-Jan-99 13:42	01/06/99
M-14 80 6-12"	4173.18	Soil	06-Jan-99 13:58	01/06/99
M-14 80 24"	4173.19	Soil	06-Jan-99 13:58	01/06/99
M-14 81 6-12"	4173.20	Soil	06-Jan-99 14:08	01/06/99
M-14 81 24"	4173.21	Soil	06-Jan-99 14:08	01/06/99
M-14 82 6-12"	4173.22	Soil	06-Jan-99 14:20	01/06/99
M-14 82 24"	4173.23	Soil	06-Jan-99 14:20	01/06/99
M-14 83 6-12"	4173.24	Soil	06-Jan-99 14:35	01/06/99
M-14 83 24"	4173.25	Soil	06-Jan-99 14:35	01/06/99
M-14 84 6-12"	4173.26	Soil	06-Jan-99 14:53	01/06/99
M-14 84 24"	4173.27	Soil	06-Jan-99 14:53	01/06/99
M-14 85 6-12"	4173.28	Soil	06-Jan-99 15:04	01/06/99
M-14 85 24"	4173.29	Soil	06-Jan-99 15:04	01/06/99
M-14 86 6-12"	4173.30	Soil	06-Jan-99 15:20	01/06/99
M-14 86 24"	4173.31	Soil	06-Jan-99 15:20	01/06/99
Trip Blank	4177.01	Methanol	07-Jan-99	01/07/99
M-14 87 6-12"	4177.02	Soil	07-Jan-99 09:20	01/07/99
M-14 87 24"	4177.03	Soil	07-Jan-99 09:20	01/07/99
M-14 88 6-12"	4177.04	Soil	07-Jan-99 09:45	01/07/99

SAMPLE LOCATION AND IDENTIFICATION

M-14 88 24"	4177.05	Soil	07-Jan-99 09:45	01/07/99
M-14 89 6-12"	4177.06	Soil	07-Jan-99 10:09	01/07/99
M-14 89 24"	4177.07	Soil	07-Jan-99 10:09	01/07/99
M-14 90 6-12"	4177.08	Soil	07-Jan-99 10:33	01/07/99
M-14 90 24"	4177.09	Soil	07-Jan-99 10:33	01/07/99
M-14 91 6-12"	4177.10	Soil	07-Jan-99 10:53	01/07/99
M-14 91 24"	4177.11	Soil	07-Jan-99 10:53	01/07/99
M-14 92 6-12"	4177.12	Soil	07-Jan-99 11:14	01/07/99
M-14 92 24"	4177.13	Soil	07-Jan-99 11:14	01/07/99
M-14 93 6-12"	4177.14	Soil	07-Jan-99 13:22	01/07/99
M-14 93 24"	4177.15	Soil	07-Jan-99 13:22	01/07/99
M-14 94 6-12"	4177.16	Soil	07-Jan-99 13:45	01/07/99
M-14 94 24"	4177.17	Soil	07-Jan-99 13:45	01/07/99
M-14 95 6-12"	4177.18	Soil	07-Jan-99 14:07	01/07/99
M-14 95 24"	4177.19	Soil	07-Jan-99 14:07	01/07/99
Field Dup. 6-12"	4177.20	Soil	07-Jan-99	01/07/99
Field Dup. 24"	4177.21	Soil	07-Jan-99	01/07/99
Trip Blank	4179.01	Methanol	11-Jan-99	01/11/99
M-14 96 6-12"	4179.02	Soil	11-Jan-99 10:00	01/11/99
M-14 96 24"	4179.03	Soil	11-Jan-99 10:00	01/11/99
M-14 97 6-12"	4179.04	Soil	11-Jan-99 10:23	01/11/99
M-14 97 24"	4179.05	Soil	11-Jan-99 10:23	01/11/99
M-14 98 6-12"	4179.06	Soil	11-Jan-99 10:40	01/11/99
M-14 98 24"	4179.07	Soil	11-Jan-99 10:40	01/11/99
M-14 99 6-12"	4179.08	Soil	11-Jan-99 11:00	01/11/99
M-14 99 24"	4179.09	Soil	11-Jan-99 11:00	01/11/99
M-14 100 6-12"	4179.10	Soil	11-Jan-99 11:24	01/11/99
M-14 100 24"	4179.11	Soil	11-Jan-99 11:24	01/11/99
M-14 101 6-12"	4179.12	Soil	11-Jan-99 11:40	01/11/99
M-14 101 24"	4179.13	Soil	11-Jan-99 11:40	01/11/99
M-14 102 6-12"	4179.14	Soil	11-Jan-99 14:00	01/11/99
M-14 102 24"	4179.15	Soil	11-Jan-99 14:00	01/11/99
M-14 103 6-12"	4179.16	Soil	11-Jan-9914:17	01/11/99
M-14 103 24"	4179.17	Soil	11-Jan-99 14:17	01/11/99
M-14 104 6-12"	4179.18	Soil	11-Jan-99 14:40	01/11/99
M-14 104 24"	4179.19	Soil	11-Jan-99 14:40	01/11/99
M-14 105 6-12"	4179.20	Soil	11-Jan-99 15:00	01/11/99
M-14 105 24"	4179.21	Soil	11-Jan-99 15:00	01/11/99
M-14 106 6-12"	4179.22	Soil	11-Jan-99 15:15	01/11/99
M-14 106 24"	4179.23	Soil	11-Jan-99 15:15	01/11/99
Trip Blank	4184.01	Methanol	12-Jan-99	01/12/99
M-14 107 6-12"	4184.02	Soil	12-Jan-99 10:30	01/12/99
M-14 107 24"	4184.03	Soil	12-Jan-99 10:30	01/12/99
M-14 108 6-12"	4184.04	Soil	12-Jan-99 10:50	01/12/99
M-14 108 24"	4184.05	Soil	12-Jan-99 10:50	01/12/99
M-14 109 6-12"	4184.06	Soil	12-Jan-99 11:04	01/12/99
M-14 109 24"	4184.07	Soil	12-Jan-99 11:04	01/12/99
M-14 110 6-12"	4184.08	Soil	12-Jan-99 11:25	01/12/99
M-14 110 24"	4184.09	Soil	12-Jan-99 11:25	01/12/99
M-14 111 6-12"	4184.10	Soil	12-Jan-99 11:40	01/12/99
M-14 111 24"	4184.11	Soil	12-Jan-99 11:40	01/12/99
M-14 112 6-12"	4184.12	Soil	12-Jan-99 13:40	01/12/99
M-14 112 24"	4184.13	Soil	12-Jan-99 13:40	01/12/99

SAMPLE LOCATION AND IDENTIFICATION

Trip Blank	4189.01	Methanol	13-Jan-99	01/13/99
M-14 113 6-12"	4189.02	Soil	13-Jan-99 10:00	01/13/99
M-14 113 24"	4189.03	Soil	13-Jan-99 10:00	01/13/99
M-14 114 6-12"	4189.04	Soil	13-Jan-99 10:22	01/13/99
M-14 114 24"	4189.05	Soil	13-Jan-99 10:22	01/13/99
M-14 115 6-12"	4189.06	Soil	13-Jan-99 10:40	01/13/99
M-14 115 24"	4189.07	Soil	13-Jan-99 10:40	01/13/99
M-14 116 6-12"	4189.08	Soil	13-Jan-99 11:00	01/13/99
M-14 116 24"	4189.09	Soil	13-Jan-99 11:00	01/13/99
M-14 117 6-12"	4189.10	Soil	13-Jan-99 11:30	01/13/99
M-14 117 24"	4189.11	Soil	13-Jan-99 11:30	01/13/99
M-14 118 6-12"	4189.12	Soil	13-Jan-99 11:39	01/13/99
M-14 118 24"	4189.13	Soil	13-Jan-99 11:39	01/13/99
M-14 119 6-12"	4189.14	Soil	13-Jan-99 11:50	01/13/99
M-14 119 24"	4189.15	Soil	13-Jan-99 11:50	01/13/99
Field Dup. 6-12"	4189.16	Soil	13-Jan-99	01/13/99
Field Dup. 24"	4189.17	Soil	13-Jan-99	01/13/99

ENCLOSURE:
CHAIN OF CUSTODY
RESULTS

4-23-99

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-14 LANDFILL

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

Comments:

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals	PESTPCBAB	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
4156. 1	TRIP BLANK	12-23-98	–	METH	1	X				V00511	–	4°C
2	M14-1 – 6-12"	"	0908	SOIL	2		X	X	X		0 PPM	
3	" – 24"	"	"	"		X			X	V00512	"	
4	M14-2 – 6-12"	"	0930	"			X	X	X		"	
5	" – 24"	"	"	"		X			X	V00513	"	
6	M14-3 – 6-12"	"	1000	"			X	X	X		"	
7	" – 24"	"	"	"		X			X	V00515	"	
8	M14-4 – 6-12"	"	1038	"			X	X	X		"	
9	" – 24"	"	"	"		X			X	V00516	"	
10	M14-5 – 6-12"	"	1100	"			X	X	X		"	
11	" – 24"	"	"	"		X			X	V00517	"	
12	M14-6 – 6-12"	"	1125	"			X	X	X		"	
13	" – 24"	"	"	"		X			X	V00518	"	

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[signature]	12-23-98 1310	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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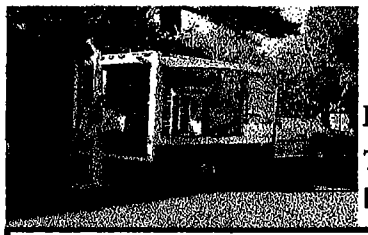

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NJDEP Certification #13461

Chain of Custody Record

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

Project No: IJN 98-0211
Location: M14 - Landfill

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

Comments: Cal #2 HNU OK. (M)

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
4159. 1	TRIP BLANK	12-28-98	—	METH.	1	X				V00519	—	<4°C
2	M14-7 - 6-12"		1000	SOIL	2		X	X	X		0PPM	
3	" - 24"		"			X			X	V00520	"	
4	M14-8 - 6-12"		1020				X	X	X		"	
5	" - 24"		"			X			X	V00521	"	
6	M14-9 - 6-12"		1035				X	X	X		"	
7	" - 24"		"			X			X	V00522	"	
8	M14-10 - 6-12"		1050				X	X	X		"	
9	" - 24"		"			X			X	V00523	"	
10	M14-11 - 6-12"		1110				X	X	X		"	
11	" - 24"		"			X			X	V00524	"	
12	M14-12 - 6-12"		1125				X	X	X		"	
13	" - 24"		"			X			X	V00525	"	
14	M14-13 - 6-12"		1315				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:

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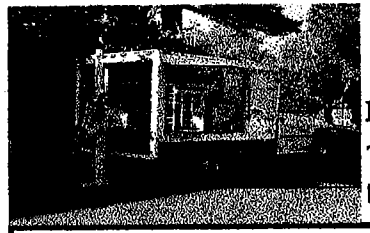

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NJDEP Certification #13461

Chain of Custody Record

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

Project No: IJN 98-0211
Location: M14 - LANDFILL

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

Comments:

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
4159.15	M14-13 - 24"	12-28-98	1315	SOIL	2	X			X	V00526	PPM	<4°C
16	M14-14 - 6-12"		1330				X	X	X		"	
17	" - 24"		"			X			X	V00527	"	
18	M14-15 - 6-12"		1348				X	X	X		"	
19	" - 24"		"			X			X	V00528	"	
20	M14-16 - 6-12"		1408				X	X	X		"	
21	" - 24"		"			X			X	V00529	"	
22	M14-17 - 6-12"		1422				X	X	X		"	
23	" - 24"		"			X			X	V00530	"	
24	M14-18 - 6-12"		1442				X	X	X		"	
25	" - 24"		"			X			X	V00531	"	
26	M14-19 - 6-12"		1500				X	X	X		"	
27	" - 24"		"			X			X	V00532	"	

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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: M14- LANDFILL

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

Comments: Cal. #2 HNU c.m (M)

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals TAL	PESTPCBABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
41160. 1	TRIP BLANK	12-29-98	—	METH.	1	X				V00533		<4°C
2	M14-20 -6-12"		0955	SOIL	2		X	X	X		0 PPM	
3	" -24"		"			X			X	V00534	"	
4	M14-21 -6-12"		1015				X	X	X		"	
5	" -24"		"			X			X	V00535	"	
6	M14-22 -6-12"		1100				X	X	X		"	
7	" -24"		"			X			X	V00536	"	
8	M14-23 -6-12"		1120				X	X	X		"	
9	" -24"		"			X			X	V00537	"	
10	M14-24 -6-12"		1145				X	X	X		"	
11	" -24"		"			X			X	V00538	"	
12	M14-25 -6-12"		1327				X	X	X		"	
13	" -24"		"			X			X	V00539	"	
14	M14-26 -6-12"		1349				X	X	X		"	

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[signature]	12-29-98 1500	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.

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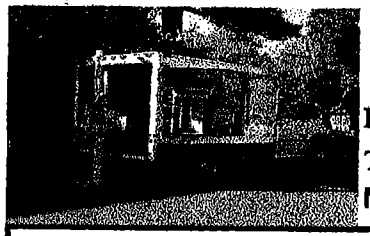

Fort Monmouth Environmental Testing Laboratory

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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: M14- LANDFIL

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	PESTPCBAN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
4160 15	M14 - 26 - 24"	12-29-98	1349	SOIL	2	X			X	V00540	0 PPM	<4°C
16	M14 - 27 - 6-12"		1410				X	X	X		"	
17	" - 24"		"			X			X	V00541	"	
18	M14 - 28 - 6-12"		1421				X	X	X		"	
19	" - 24"		"			X			X	V00542	"	
20	M14 - 29 - 6-12"		1443				X	X	X		"	
21	" - 24"		"			X			X	V00543	"	
22	FIELD DUP - 6-12"		—				X	X	X			
23	" - 24		—			X			X	V00562		

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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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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-14 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 PAB N	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
4162. 1	TRIP BLANK	12-30-98	—	METH.	1	X				V00544	—	4°C
2	M14-30 - 6-12"		0925	SOIL	2		X	X	X		0 PPM	
3	" - 24"		"			X			X	V00545	"	
4	M14-31 - 6-12"		0945				X	X	X		"	
5	" - 24"		"			X			X	V00546	"	
6	M14-32 - 6-12"		1000				X	X	X		"	
7	" - 24"		"			X			X	V00547	"	
8	M14-33 - 6-12"		1015				X	X	X		"	
9	" - 24"		"			X			X	V00548	"	
10	M14-34 - 6-12"		1033				X	X	X		"	
11	" - 24"		"			X			X	V00549	"	
12	M14-35 - 6-12"		1050				X	X	X		"	
13	" - 24"		"			X			X	V00550	"	
14	M14-36 - 6-12"		1103				X	X	X		"	

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[signature]	12-30-98 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:

000008

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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: M14- LANDFILL

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
4162. 15	M14-36 - 24"	12-30-98	1103	soil	2	X			X	V00551	0ppm	<4°C
16	M14-37 - 6-12"		1120				X	X	X		"	
17	" - 24"		"			X			X	V00552	"	
18	M14-38 - 6-12"		1138				X	X	X		"	
19	" - 24"		"			X			X	V00553	"	
20	M14-39 - 6-12"		1320				X	X	X		"	
21	" - 24"		"			X			X	V00554	"	
22	M14-40 - 6-12"		1342				X	X	X		"	
23	" - 24"		"			X			X	V00555	"	
24	M14-41 - 6-12"		1355				X	X	X		"	
25	" - 24"		"			X			X	V00557	"	
26	M14-42 - 6-12"		1415				X	X	X		"	
27	" - 24"		"			X			X	V00556	"	
28	M14-43 - 6-12"		1432				X	X	X		"	

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[signature]	12-30-98 1500	[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:

000009

print legibly

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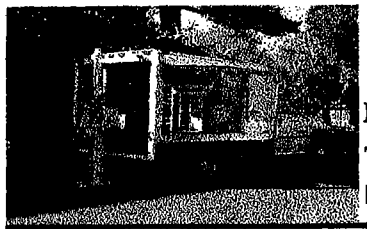

Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 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: M14- LANDFILL

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
4162. 29	M14-43 - 24"	12-30-98	1432	soil	2	X			X	V00558		<4oc
30	M14-44 - 6-12"		1448				X	X	X			
31	" - 24"		"			X			X	V00559		

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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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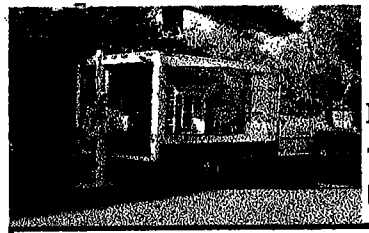

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NJDEP Certification #13461

Chain of Custody Record

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

Project No: IJN 98-0211
Location: M14- LANDFILL

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

Comments: Cal. #2 HNU O.K.

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals	PESTB	PCBAN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
41164. 1	TRIP BLANK	12-31-98		METH.	1	X					V00560	–	~~VOA~~ 4°C
2	M14-45 - 6-12"		0938	SOIL	2		X	X	X			0 PPM	
3	" - 24"		"			X				X	V00561	"	
4	M14-46 - 6-12"		0954				X	X	X			"	
5	" - 24"		"			X				X	V00563	"	
6	M14-47 - 6-12"		1020				X	X	X			"	
7	" - 24"		"			X				X	V00564	"	
8	M14-48 - 6-12"		1040				X	X	X			"	
9	" - 24"		"			X				X	V00565	"	
10	M14-49 - 6-12"		1100				X	X	X			"	
11	" - 24"		"			X				X	V00566	"	
12	M14-50 - 6-12"		1120				X	X	X			"	
13	" - 24"		"			X				X	V00567	"	
14	M14-51 - 6-12"		1315				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: VERY COLD 25-30°F

000011

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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: M14 - 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
H1604, 15	M14-51 - 24"	12-31-98	1315	soil	2	X				X	V00568	0 ppm	<4°C
16	M14-52 - 6-12"		1330				X	X		X		"	
17	" - 24"		"			X				X	V00569	"	
18	M14-53 - 6-12"		1349				X	X		X		"	
19	" - 24"		"			X				X	V00570	"	
20	FIELD DUP. 6-12"		—				X	X		X		"	
21	" 24		—			X				X	V00586	"	

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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: M14 - LANDFILL

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

Comments: Col. #2 HNU. 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
41169. 1	TRIP BLANK	1-5-99		METH.	1	X					V00571	–	<4°C
2	M14-54 6-12"		1012	SOIL	2		X	X		X			
3	" 24"		"			X				X	V00572		
4	M14-55 6-12"		1020				X	X		X			
5	" 24"		"			X				X	V00573		
6	M14-56 6-12"		1030				X	X		X			
7	" 24"		"			X				X	V00574		
8	M14-57 6-12"		1050				X	X		X			
9	" 24"		"			X				X	V00575		
10	M14-58 6-12"		1105				X	X		X			
11	" 24"		"			X				X	V00576		
12	M14-59 6-12"		1112				X	X		X			
13	" 24"		"			X				X	V00577		
14	M14-60 6-12"		1125				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: GEOPROBE #1 + #2 ON SITE

print legibly

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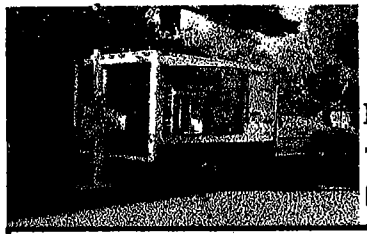

Fort Monmouth Environmental Testing Laboratory

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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: M14- LANDFILL

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

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals	PESTCB	ABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
4169. 15	M14-60 24"	1-5-99	1125	soil	2	X				X	V00578		4°C
16	M14-61 6-12"		1136				X	X		X			
17	" 24"		"			X				X	V00579		
18	M14-62 6-12"		1145				X	X		X			
19	" 24"		"			X				X	V00580		
20	M14-63 6-12"		1340				X	X		X			
21	" 24"		"			X				X	V00581		
22	M14-64 6-12"		1344				X	X		X			
23	" 24"		"			X				X	V00582		
24	M14-65 6-12"		1400				X	X		X			
25	" 24"		"			X				X	V00583		
26	M14-66 6-12"		1400				X	X		X			
27	" 24"		"			X				X	V00584		
28	M14-67 6-12"		1425				X	X		X			

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Mark	1-5-99 1525	[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: M14- LANDFILL

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

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
41169 29	M14- ~~66~~ 67-24"	1-5-99	1425	soil	2	X				X	V00585		*4oc
30	M14- ~~68~~ - 6-12"		1444				X	X		X			
31	" - 24"		"			X				X	V00587		
32	M14-69 - 6-12"		1438				X	X		X			
33	" - 24"		"			X				X	V00588		
34	M14-70 - 6-12"		1445				X	X		X			
35	" - 24"		"			X				X	V00589		
36	M14-71 - 6-12"		1520				X	X		X			
37	" - 24"		"			X				X	V00590		
38	FIELD DUP - 6-12"		X				X	X		X			
39	" - 24"		X			X				X	V00591		

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[signature]	1-5-99 1525	[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

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: M14 - LANDFILL

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

Comments: Cal. #2 HNU OK (MO)

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
4173 1	TRIP BLANK	1-6-98		METH	1	X				V00592		4°C
2	M14-72 6-12"		1045	SOIL	2		X	X	X		0PPM	
3	" 24"		"			X			X	V00593	"	
4	M14-73 6-12"		1110				X	X	X		"	
5	" 24"		"			X			X	V00594	"	
6	M14-74 6-12"		1125				X	X	X		"	
7	" 24"		"			X			X	V00595	"	
8	M14-75 6-12"		1150				X	X	X		"	
9	" 24"		"			X			X	V00596	"	
10	M14-76 6-12"		1200				X	X	X		"	
11	" 24"		"			X			X	V00597	"	
12	M14-77 6-12"		1300				X	X	X		"	
13	" 24"		"			X			X	V00598	"	
14	M14-78 6-12"		1320				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:

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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: M14- LANDFILL

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

Analysis Parameters

Comments: see pg. 1

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
4173. 15	M14-78 24"	1-6-99	1320	SOIL	2	X			X	V00599		4oz
16	M14-79 6-12"		1342				X	X	X			
17	" 24"		"			X			X	V00600		
18	M14-80 6-12"		1358				X	X	X			
19	" 24"		"			X			X	V00601		
20	M14-81 6-12"		1408				X	X	X			
21	" 24"		"			X			X	V00602		
22	M14-82 6-12"		1420				X	X	X			
23	" 24"		"			X			X	V00603		
24	M14-83 6-12"		1435				X	X	X			
25	" 24"		"			X			X	V00604		
26	M14-84 6-12"		~~1450~~ 1453				X	X	X			
27	" 24"		"			X			X	V00605		
28	M14-85 6-12"		1504				X	X	X			

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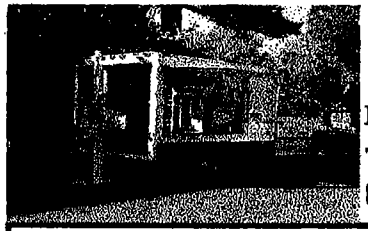
Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks:

000042



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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: M14- 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	PESTPCBAB	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
4173 . 29	M14-85 24"	1-6-99	1504	soil	2	X			X	V00606		<4°C
30	M14-86 6-12"	↓	1520	↓	↓		X	X	X			↓
31	" 24"	↓	"	↓	↓	X			X	V00607		↓

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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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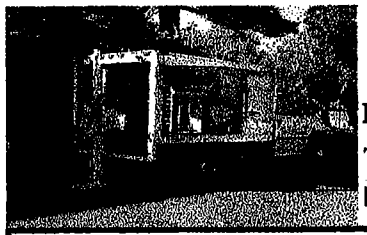

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NJDEP Certification #13461

Chain of Custody Record

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

Project No:
Location: M14 Landfill

Samplers Name/Company :COREY MCCORMACK / TVS PWS-007

Comments: Methanol / <4°c

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
4177 1	Trip	1/7/99	0900	Meth	1	✓				0608		
2	M14 B87 6"-12"		0920	Soil	2		✓	✓	✓			
3	" 24"		"		2	✓			✓	0609	0.0	
4	M14 B88 6-12"		0945		2		✓	✓	✓			
5	" 24"		"		2	✓			✓	0610	0.0	
6	M14 B89 6-12"		1009		2		✓	✓	✓			
7	" 24"		"		2	✓			✓	0611	0.0	
8	M14 B90 6-12"		1033		2		✓	✓	✓			
9	" 24"				2	✓			✓	0612	0.0	
10	M14 B91 6-12"		1053		2	cm	✓	✓	✓			
11	24"		"		2	✓			✓	0613	0.0	
12	M14 B92 6-12"		1114		2		✓	✓	✓			
13	" 24"		"		2	✓			✓	0614	0.0	

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Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormack	1/7/99 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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CoreyCustodydera.xls11/16/98

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:
Location: M14 Landfill

Samplers Name/Company :COREY MCCORMACK / TVS PWS-007

Comments: Methanol/<4°C

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
4177. 14	M14B93 6-12"	1/7/99	1322	Soil	2		✓	✓		✓			
15	" 24"		"		2	✓				✓	0615	0.0	
16	M14B94 6-12"		1345		2		✓	✓		✓			
17	" 24"		"		2	✓				✓	0616	0.0	
18	M14B95 6-12"		1407		2		✓	✓		✓			
19	" 24"		"		2	✓				✓	0617	0.0	
20	Dupe 6-12"		—		2		✓	✓		✓			
21	" 24"		—		2	✓				✓	0618	0.0	
			"										

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormack	1/7/99 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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CoreyCustodydera.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: M14 - LANDFILL

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

Comments: Cal. #'2 HNU OK (M)

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
4179. 1	TRIP BLANK	1-11-98	—	METH.	1	X				V00619		<4°C
2	M14-96 - 6-12"		1000	SOIL	2		X	X	X			
3	" - 24"		"			X			X	V00620		
4	M14-97 - 6-12"		1023				X	X	X			
5	" - 24"		"			X			X	V00621		
6	M14-98 - 6-12"		1040				X	X	X			
7	" - 24"		"			X			X	V00622		
8	M14-99 - 6-12"		1100				X	X	X			
9	" - 24"		"			X			X	V00623		
10	M14-100 - 6-12"		1124				X	X	X			
11	" - 24"		"			X			X	V00624		
12	M14 101 - 6-12"		1140				X	X	X			
13	" - 24"		"			X			X	V00625		
14	M14-102 - 6-12"		1400				X	X	X			

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[signature]	1-11-98 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

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: MM Landfill

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

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals	PEST PCB	AB N	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
4179-15	M14 102 24"	1-11-98	1400	soil	2	X				X	V00626		4°C
16	M14 103 6-12"		1417				X	X		X			
17	" 24"		"			X				X	V00627		
18	M14 104 6-12"		1440				X	X		X			
19	" 24"		"			X				X	V00628		
20	M14 105 6-12"		1500				X	X		X			
21	" 24"		"			X				X	V00629		
22	M14-106 6-12"		1515										
23	" 24"		"								V00630		

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[signature]	1-11-98 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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Custodydera.xls12/29/98

Fort Monmouth Environmental Testing Laboratory

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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: M14- 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	TAL Metals	PEST PCB ABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
4184 1	TRIP BLANK	1-12-99	—	METH.	1	X				V00641	—	<4°C
2	M14-107 6-12"		1030	SOIL	2		X	X	X		0ppm	
3	" 24"		"			X			X	V00631	"	
4	M14-108 6-12"		1050				X	X	X		"	
5	" 24"		"			X			X	V00632	"	
6	M14-109 6-12"		1104				X	X	X		"	
7	" 24"		"			X			X	V00633	"	
8	M14-110 6-12"		1125				X	X	X		"	
9	" 24"		"			X			X	V00634	"	
10	M14-111 6-12"		1140				X	X	X		"	
11	" 24"		"			X			X	V00636	"	
12	M14-112 6-12"		1340				X	X	X		"	
13	" 24"		"			X			X	V00637	"	

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[signature]	1-12-99				
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: 10 ADDITIONAL BORINGS WERE LOGGED W/ NO SAMPLES TAKEN TO FIND NATIVE SOILS

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Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 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: M14 · LANDFILL (WOODED AREA)

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

Comments: SAMPLES TAKEN W/- HAND AUGER

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
4189. 1	TRIP BLANK	1-13-99		METH.	1	X				V00638		<4°C
2	M14-113 6-12"		1000	SOIL	2		X	X	X		0 PPM	
3	" 24"		"			X			X	V00639	"	
4	M14-114 6-12"		1022				X	X	X		"	
5	" 24"		"			X			X	V00640	"	
6	M14-115 6-12"		1040				X	X	X		"	
7	" 24"		"			X			X	V00642	"	
8	M14-116 6-12"		1100				X	X	X		"	
9	" 24"		"			X			X	V00643	"	
10	M14-117 6-12"		1130				X	X	X		"	
11	" 24"		"			X			X	V00644	"	
12	M14-118 6-12"		1139				X	X	X		"	
13	" 24"		"			X			X	V00648	"	
14	M14-119 6-12"		1150				X	X	X		"	

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
[signature]	1-13-99 1300	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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Custodydera.xls12/29/98

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: M14- LANDFILL (WOODED 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 ABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
4189. 15	M14-119 24"	1-13-99	1150	soil	2	X			X	V00649	9 ppm	
16	Field Dup. 6-12"	"	—	"	"		X	X	X		"	
17	" 24"	"	—	"	"	X			X	V00650	"	

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Matthew	1-13-98 1300	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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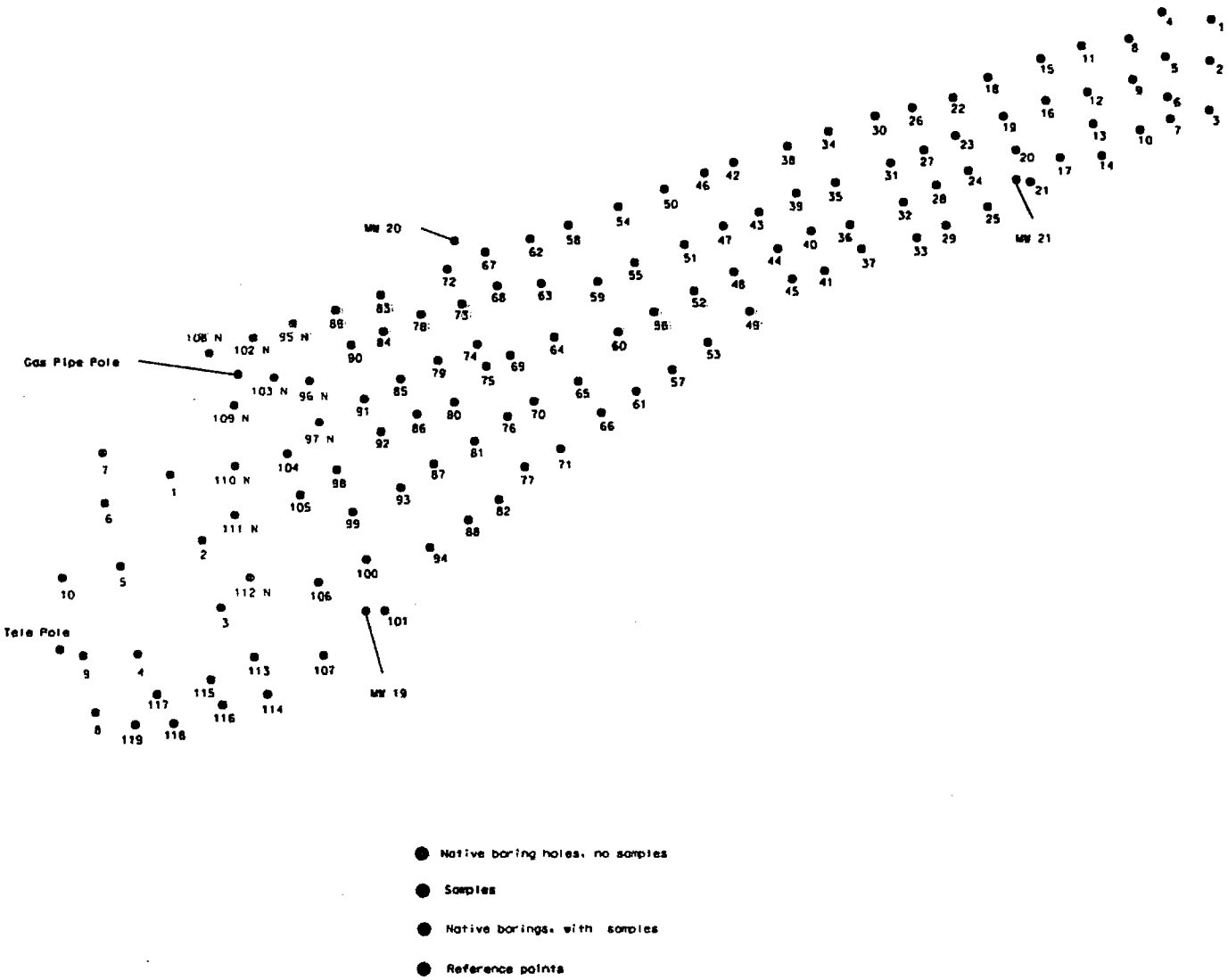
print legibly

Custodydera.xls12/29/98

GPS MAPS

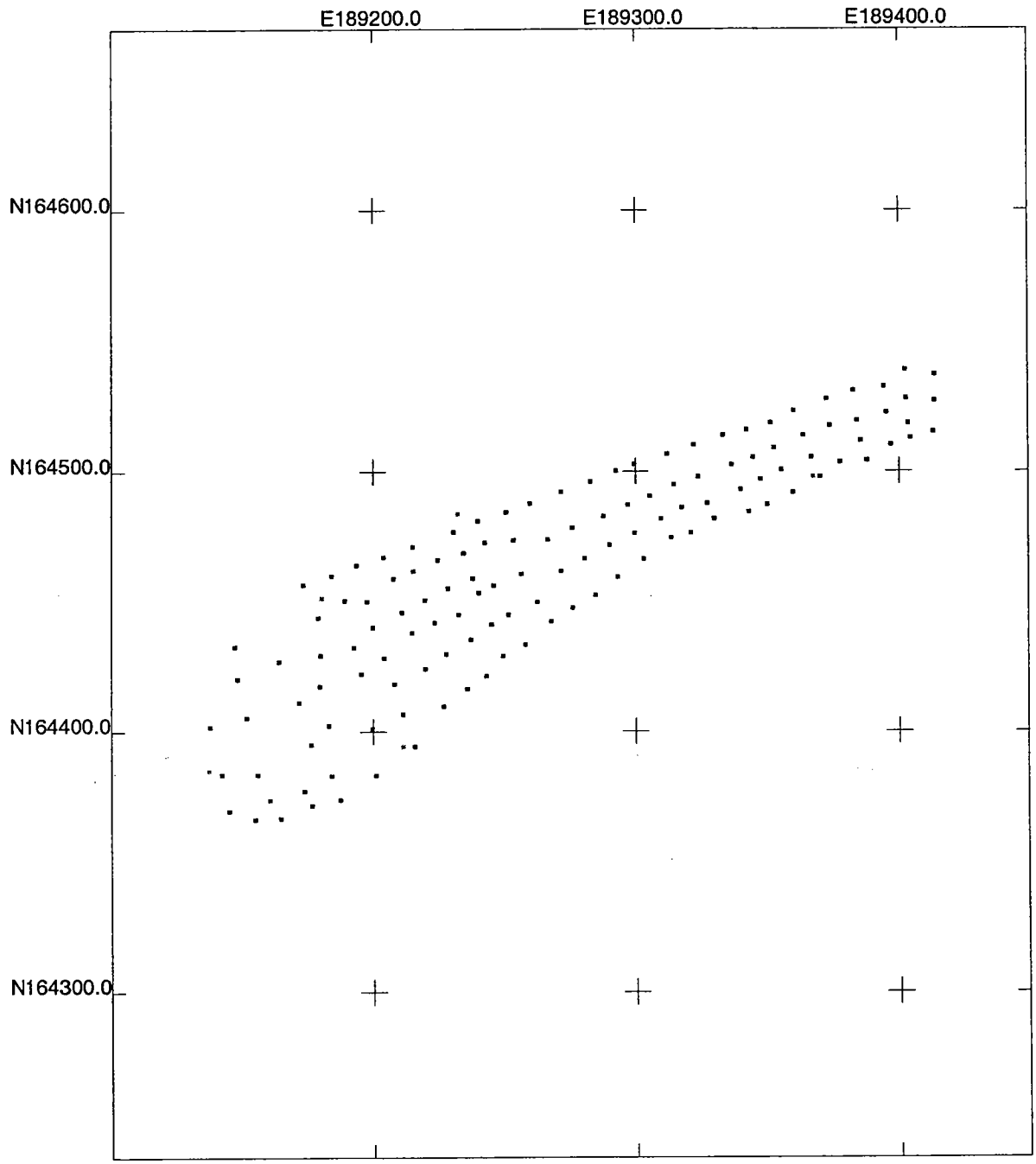


SITE MAP
M14 LANDFILL
FORT MONMOUTH ARMY BASE
MONMOUTH COUNTY, NJ

FT. MONMOUTH ENV.
TESTING LAB
Engineers, Managers, Scientists & Planners

SCALE: NTS | DATE: 03/22/99

M14 LANDFILL SITE



M14 Landfill Soil Boring GPS Map

US State Plane 1983
New Jersey (NY East) 2900
NAD 1983 (Conus)

N

Scale 1:2500
0 75.00
Meters

final m14 combo with corre
3/20/1999
Pathfinder Office
Trimble

M14 LANDFILL SITE GPS POSITION & COORDINATES

US STATE PLANE 1983 NJ (NY EAST) 2900 NAD 1983 (CONUS)

(IN METERS)

POSITION / DESC.	Y COORD. (NORTHING)	X COORD. (EASTING)
1	164537.184	189413.251
2	164527.123	189413.157
3	164515.265	189412.685
4	164538.987	189402.073
5	164528.144	189402.471
6	164518.608	189403.17
7	164512.968	189404.007
8	164532.674	189394.113
9	164522.733	189395.039
10	164510.423	189396.619
11	164531.029	189382.723
12	164519.627	189384.102
13	164512.043	189385.507
14	164504.435	189387.569
15	164527.862	189372.848
16	164517.71	189373.976
17	164503.817	189377.765
18	164523.486	189360.303
19	164514.07	189363.96
20	164505.675	189366.921
21	164498.192	189370.245
22	164518.81	189351.524
23	164509.255	189352.831
24	164500.944	189355.556
25	164492.09	189360.016
26	164516.124	189342.18
27	164505.667	189344.753
28	164497.207	189347.75
29	164487.458	189350.252
30	164514.172	189333.351
31	164502.772	189336.651
32	164493.309	189339.932
33	164484.765	189343.068
34	164510.402	189322.082
35	164498.148	189323.69
36	164487.99	189327.176
37	164481.929	189329.838
38	164506.961	189311.925
39	164495.169	189314.479
40	164486.282	189317.414
41	164476.667	189320.899
42	164503.032	189299.227

POSITION / DESC.	Y COORD. (NORTHING)	X COORD. (EASTING)
43	164490.781	189305.17
44	164481.924	189309.665
45	164474.639	189313.392
46	164500.446	189292.306
47	164487.364	189296.78
48	164476.491	189299.343
49	164466.507	189302.803
50	164496.327	189282.52
51	164483.014	189287.512
52	164471.947	189289.863
53	164459.493	189292.932
54	164492.409	189271.298
55	164478.614	189275.558
56	164466.682	189280.212
57	164452.587	189284.4
58	164487.981	189259.481
59	164474.004	189266.266
60	164461.87	189271.302
61	164447.722	189275.767
62	164484.577	189250.449
63	164473.803	189253.18
64	164460.786	189256.189
65	164450.031	189262.175
66	164442.447	189267.44
67	164481.21	189239.563
68	164472.908	189242.307
69	164456.33	189245.743
70	164445.033	189251.255
71	164433.602	189257.772
72	164476.859	189230.461
73	164468.85	189234.126
74	164459.067	189237.635
75	164453.501	189239.982
76	164441.326	189244.868
77	164429.261	189249.179
78	164466.095	189224.337
79	164455.155	189228.267
80	164445.111	189232.307
81	164435.559	189236.925
82	164421.514	189242.788
83	164471.192	189214.76
84	164461.87	189215.022
85	164450.695	189219.497
86	164441.94	189223.178
87	164429.909	189227.62
88	164416.525	189235.571
89	164467.26	189203.808
90	164458.942	189207.458
91	164445.849	189210.619
92	164438.027	189214.549

POSITION / DESC.	Y COORD. (NORTHING)	X COORD. (EASTING)
93	164424.213	189219.589
94	164409.868	189226.515
95 NATIVE & SAMPLED	164464.148	189193.469
96 NATIVE & SAMPLED	164450.172	189197.44
97 NATIVE & SAMPLED	164440.126	189199.663
98	164428.422	189203.977
99	164418.424	189207.822
100	164406.784	189211.096
101	164394.399	189215.572
102 NATIVE & SAMPLED	164460.112	189184.129
103 NATIVE & SAMPLED	164450.534	189189.098
104	164432.588	189192.548
105	164422.411	189195.352
106	164401.347	189199.404
107	164383.401	189200.836
108 NATIVE & SAMPLED	164456.703	189173.461
109 NATIVE & SAMPLED	164443.934	189179.109
110 NATIVE & SAMPLED	164429.51	189179.979
111 NATIVE & SAMPLED	164417.643	189179.778
112 NATIVE & SAMPLED	164402.624	189183.091
113	164383.257	189184.055
114	164374.057	189187.375
115	164377.386	189173.945
116	164371.807	189176.779
117	164373.923	189161.11
118	164366.817	189165.095
119	164366.476	189155.661

LANDFILL COVER

M-14
Landfill Cover

Boring		Boring		Boring	
B1	Minimum 2 foot cap.	B44	Minimum 2 foot cap.	B87	Minimum 2 foot cap.
B2	Minimum 2 foot cap.	B45	Minimum 2 foot cap.	B88	Minimum 18 inch cap.
B3	Minimum 2 foot cap.	B46	Minimum 2 foot cap.	B89	Minimum 2 foot cap.
B4	Minimum 2 foot cap.	B47	Minimum 2 foot cap.	B90	Minimum 2 foot cap.
B5	Minimum 2 foot cap.	B48	Minimum 2 foot cap.	B91	Minimum 2 foot cap.
B6	Minimum 2 foot cap.	B49	Minimum 1 foot cap.	B92	Minimum 2 foot cap.
B7	Minimum 6 inch cap.	B50	Minimum 2 foot cap.	B93	Minimum 2 foot cap.
B8	Minimum 6 inch cap.	B51	Minimum 2 foot cap.	B94	Minimum 2 foot cap.
B9	Minimum 2 foot cap.	B52	Minimum 2 foot cap.	B95	Minimum 2 foot cap.
B10	Minimum 2 foot cap.	B53	Minimum 6 inch cap.	B96	Minimum 2 foot cap.
B11	Minimum 2 foot cap.	B54	Minimum 2 foot cap.	B97	Minimum 2 foot cap.
B12	Minimum 2 foot cap.	B55	Minimum 2 foot cap.	B98	Minimum 2 foot cap.
B13	Minimum 2 foot cap.	B56	Minimum 2 foot cap.	B99	Minimum 2 foot cap.
B14	Minimum 6 inch cap.	B57	Minimum 2 foot cap.	B100	Minimum 2 foot cap.
B15	Minimum 6 inch cap.	B58	Minimum 2 foot cap.	B101	Minimum 2 foot cap.
B16	Minimum 6 inch cap.	B59	Minimum 2 foot cap.	B102	Minimum 6 inch cap.
B17	Minimum 2 foot cap.	B60	Minimum 2 foot cap.	B103	Minimum 6 inch cap.
B18	Minimum 2 foot cap.	B61	Minimum 2 foot cap.	B104	Minimum 6 inch cap.
B19	Minimum 18 inch cap.	B62	Minimum 2 foot cap.	B105	Minimum 2 foot cap.
B20	Minimum 6 inch cap.	B63	Minimum 2 foot cap.	B106	Minimum 2 foot cap.
B21	Minimum 6 inch cap.	B64	Minimum 2 foot cap.	B107	Minimum 2 foot cap.
B22	Minimum 2 foot cap.	B65	Minimum 2 foot cap.	B108	Minimum 2 foot cap.
B23	Minimum 6 inch cap.	B66	Minimum 2 foot cap.	B109	Minimum 2 foot cap.
B24	Minimum 6 inch cap.	B67	Minimum 2 foot cap.	B110	Minimum 2 foot cap.
B25	Minimum 6 inch cap.	B68	Minimum 6 inch cap.	B111	Minimum 2 foot cap.
B26	Minimum 18 inch cap.	B69	Minimum 6 inch cap.	B112	Minimum 2 foot cap.
B27	Minimum 18 inch cap.	B70	Minimum 6 inch cap.	B113	Minimum 1 foot cap.
B28	Minimum 2 foot cap.	B71	Minimum 6 inch cap.	B114	Minimum 2 foot cap.
B29	Minimum 2 foot cap.	B72	Minimum 2 foot cap.	B115	Minimum 18 inch cap.
B30	Minimum 2 foot cap.	B73	Minimum 2 foot cap.	B116	Minimum 18 inch cap.
B31	Minimum 2 foot cap.	B74	Minimum 2 foot cap.	B117	Minimum 2 foot cap.
B32	Minimum 2 foot cap.	B75	Minimum 18 inch cap.	B118	Minimum 2 foot cap.
B33	Minimum 2 foot cap.	B76	Minimum 2 foot cap.	B119	Minimum 2 foot cap.
B34	Minimum 2 foot cap.	B77	Minimum 2 foot cap.	NATIVE1	Minimum 2 foot cap.
B35	Minimum 2 foot cap.	B78	Minimum 6 inch cap.	NATIVE2	Minimum 2 foot cap.
B36	Minimum 6 inch cap.	B79	Minimum 6 inch cap.	NATIVE3	Minimum 2 foot cap.
B37	Minimum 2 foot cap.	B80	Minimum 6 inch cap.	NATIVE4	Minimum 2 foot cap.
B38	Minimum 2 foot cap.	B81	Minimum 18 inch cap.	NATIVE5	Minimum 2 foot cap.
B39	Minimum 2 foot cap.	B82	Minimum 2 foot cap.	NATIVE6	Minimum 18 inch cap.
B40	Minimum 2 foot cap.	B83	Minimum 2 foot cap.	NATIVE7	Minimum 2 foot cap.
B41	Minimum 2 foot cap.	B84	Minimum 2 foot cap.	NATIVE8	Minimum 2 foot cap.
B42	Minimum 2 foot cap.	B85	Minimum 2 foot cap.	NATIVE9	Minimum 2 foot cap.
B43	Minimum 2 foot cap.	B86	Minimum 2 foot cap.	NATIVE10	Minimum 2 foot cap.

32B

FIELD DUPLICATE IDENTIFICATION

Field Duplicate Identification

Sample Id	Lab ID	Field Duplicate
B-22 6-12"	4160.06	4160.22
B-22 24"	4160.07	4160.23
B-51 6-12"	4164.14	4164.20
B-51 24"	4164.15	4164.21
B-71 6-12"	4169.36	4169.38
B-71 24"	4169.37	4169.39
B-95 6-12"	4177.18	4177.20
B-95 24"	4177.19	4177.21
B-119 6-12"	4189.14	4189.16
B-119 24"	4189.15	4189.17

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

LABORATORY CHRONICLE

Laboratory Chronicle

Lab ID: 4156 **Site:** M-14

	Date	Hold Time
Date Sampled	12/23/98	NA
Receipt/Refrigeration	12/23/98	NA
Extractions		
1. Base Neutrals	12/29/98	14 Days
2. Pest/PCB's	12/24/98	07 Days
Analyses		
1. Volatile Organics	12/30/98	14 Days
2. Base Neutrals	12/30/98 01/07,11,13/99	40 Days
3. Pest/PCB's	01/22/99	40 Days
4. Metals	01/06/99	6 Months
5. Mercury	12/31/98	28 Days

Laboratory Chronicle

Lab ID: 4159 **Site:** M-14

	Date	Hold Time
Date Sampled	12/28/98	NA
Receipt/Refrigeration	12/28/98	NA
Extractions		
1. Base Neutrals	12/29/98	14 Days
2. Pest/PCB's	12/29,30/98	07 Days
Analyses		
1. Volatile Organics	12/30/98 01/06/99	14 Days
2. Base Neutrals	12/30/98 01/11,12,14/99	40 Days
3. Pest/PCB's	01/15,16/99	40 Days
4. Metals	01/06/99	6 Months
5. Mercury	12/31/98	28 Days

Laboratory Chronicle

Lab ID: 4160 **Site:** M-14

	Date	Hold Time
Date Sampled	12/29/98	NA
Receipt/Refrigeration	12/29/98	NA
Extractions		
1. Base Neutrals	12/30/98	14 Days
2. Pest/PCB's	12/30/98	07 Days
Analyses		
1. Volatile Organics	01/06,07/99	14 Days
2. Base Neutrals	01/12,13,19/99	40 Days
3. Pest/PCB's	01/16,21/99	40 Days
4. Metals	01/06/99	6 Months
5. Mercury	01/06/99	28 Days

Laboratory Chronicle

Lab ID: 4162 **Site:** M-14

	Date	Hold Time
Date Sampled	12/30/98	NA
Receipt/Refrigeration	12/30/98	NA
Extractions		
1. Base Neutrals	12/30/98 01/04/99	14 Days
2. Pest/PCB's	12/30,31/98	07 Days
Analyses		
1. Volatile Organics	01/07,11/99	14 Days
2. Base Neutrals	01/12,15,19/99	40 Days
3. Pest/PCB's	01/25/99	40 Days
4. Metals	01/06/99	6 Months
5. Mercury	01/06/99	28 Days

Laboratory Chronicle

Lab ID: 4164 **Site:** M-14

	Date	Hold Time
Date Sampled	12/31/98	NA
Receipt/Refrigeration	12/31/98	NA
Extractions		
1. Base Neutrals	01/04/99	14 Days
2. Pest/PCB's	01/06/99	07 Days
Analyses		
1. Volatile Organics	01/07,08/99	14 Days
2. Base Neutrals	01/12,13/99	40 Days
3. Pest/PCB's	01/26,29/99	40 Days
4. Metals	01/06/99	6 Months
5. Mercury	01/06/99	28 Days

Laboratory Chronicle

Lab ID: 4169 **Site:** M-14

	Date	Hold Time
Date Sampled	01/05/99	NA
Receipt/Refrigeration	01/05/99	NA
Extractions		
1. Base Neutrals	01/07/99	14 Days
2. Pest/PCB's	01/06,08,13/99	07 Days
Analyses		
1. Volatile Organics	01/13,15/99	14 Days
2. Base Neutrals	01/12,13,14,15,19/99	40 Days
3. Pest/PCB's	01/29,30/99 02/03/99	40 Days
4. Metals	01/13/99	6 Months
5. Mercury	01/07/99	28 Days

Laboratory Chronicle

Lab ID: 4173 **Site:** M-14

	Date	Hold Time
Date Sampled	01/06/99	NA
Receipt/Refrigeration	01/06/99	NA
Extractions		
1. Base Neutrals	01/07/99	14 Days
2. Pest/PCB's	01/08/99	07 Days
Analyses		
1. Volatile Organics	01/15,19/99	14 Days
2. Base Neutrals	01/12,19,20,21/99	40 Days
3. Pest/PCB's	02/10/99	40 Days
4. Metals	01/13/99	6 Months
5. Mercury	01/07/99	28 Days

Laboratory Chronicle

Lab ID: 4177 **Site:** M-14

	Date	Hold Time
Date Sampled	01/07/99	NA
Receipt/Refrigeration	01/07/99	NA
Extractions		
1. Base Neutrals	01/07,12/99	14 Days
2. Pest/PCB's	01/08/99	07 Days
Analyses		
1. Volatile Organics	01/20/99	14 Days
2. Base Neutrals	01/12,19,20/99	40 Days
3. Pest/PCB's	02/10,11/99	40 Days
4. Metals	01/13/99	6 Months
5. Mercury	01/14/99	28 Days

Laboratory Chronicle

Lab ID: 4179 **Site:** M-14

	Date	Hold Time
Date Sampled	01/11/99	NA
Receipt/Refrigeration	01/11/99	NA
Extractions		
1. Base Neutrals	01/12,20/99	14 Days
2. Pest/PCB's	01/13/99	07 Days
Analyses		
1. Volatile Organics	01/21/99	14 Days
2. Base Neutrals	01/19,20,21/99	40 Days
3. Pest/PCB's	02/11,12/99	40 Days
4. Metals	01/13/99	6 Months
5. Mercury	01/14/99	28 Days

Laboratory Chronicle

Lab ID: 4184 **Site:** M-14

	Date	Hold Time
Date Sampled	01/12/99	NA
Receipt/Refrigeration	01/12/99	NA
Extractions		
1. Base Neutrals	01/12,20/99	14 Days
2. Pest/PCB's	01/13/99	07 Days
Analyses		
1. Volatile Organics	01/21,25/99	14 Days
2. Base Neutrals	01/19,20,21/99	40 Days
3. Pest/PCB's	02/02,12/99	40 Days
4. Metals	01/25/99	6 Months
5. Mercury	01/14/99	28 Days

Laboratory Chronicle

Lab ID: 4189 **Site:** M-14

	Date	Hold Time
Date Sampled	01/13/99	NA
Receipt/Refrigeration	01/13/99	NA
Extractions		
1. Base Neutrals	01/20/99	14 Days
2. Pest/PCB's	01/13,20/99	07 Days
Analyses		
1. Volatile Organics	01/25/99	14 Days
2. Base Neutrals	01/21,22/99	40 Days
3. Pest/PCB's	02/22,24,25/99	40 Days
4. Metals	01/25/99	6 Months
5. Mercury	01/14/99	28 Days

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

Vblk137

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4159 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: Vblk137

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05351.D

Level: (low/med) MED Date Received: 12/28/98

% Moisture: not dec. 0 Date Analyzed: 12/30/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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

Vblk137

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4159 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: Vblk137

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05351.D

Level: (low/med) MED Date Received: 12/28/98

% Moisture: not dec. 0 Date Analyzed: 12/30/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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

Vblk137

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4159 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: Vblk137

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05351.D

Level: (low/med) MED Date Received: 12/28/98

% Moisture: not dec. 0 Date Analyzed: 12/30/98

GC Column: RTX502 ID: 0.32 (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

Vblk138

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4159 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: Vblk138

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05371.D

Level: (low/med) MED Date Received: 12/28/98

% Moisture: not dec. 0 Date Analyzed: 01/06/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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

Vblk138

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4159 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: Vblk138

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05371.D

Level: (low/med) MED Date Received: 12/28/98

% Moisture: not dec. 0 Date Analyzed: 01/06/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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

Vblk138

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4159 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: Vblk138

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05371.D

Level: (low/med) MED Date Received: 12/28/98

% Moisture: not dec. 0 Date Analyzed: 01/06/99

GC Column: RTX502 ID: 0.32 (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

Vblk139

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4160 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: Vblk139

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05389.D

Level: (low/med) MED Date Received: 12/29/98

% Moisture: not dec. 0 Date Analyzed: 01/07/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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

Vblk139

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4160 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: Vblk139

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05389.D

Level: (low/med) MED Date Received: 12/29/98

% Moisture: not dec. 0 Date Analyzed: 01/07/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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

Vblk139

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4160 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: Vblk139

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05389.D

Level: (low/med) MED Date Received: 12/29/98

% Moisture: not dec. 0 Date Analyzed: 01/07/99

GC Column: RTX502 ID: 0.32 (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

Vblk140

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4162 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: Vblk140

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05408.D

Level: (low/med) MED Date Received: 12/30/98

% Moisture: not dec. 0 Date Analyzed: 01/11/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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

Vblk140

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4162 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: Vblk140

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05408.D

Level: (low/med) MED Date Received: 12/30/98

% Moisture: not dec. 0 Date Analyzed: 01/11/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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

Vblk140

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4162 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: Vblk140

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05408.D

Level: (low/med) MED Date Received: 12/30/98

% Moisture: not dec. 0 Date Analyzed: 01/11/99

GC Column: RTX502 ID: 0.32 (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.

Vblk78

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4164 SDG No: _____ Location: M-14

Matrix: (soil/water) SOIL Lab Sample ID: Vblk78

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB02466.D

Level: (low/med) MED Date Received: 12/31/98

% Moisture: not dec. 0 Date Analyzed: 01/07/99

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.

Vblk78

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4164 SDG No: Location: M-14

Matrix: (soil/water) SOIL Lab Sample ID: Vblk78

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB02466.D

Level: (low/med) MED Date Received: 12/31/98

% Moisture: not dec. 0 Date Analyzed: 01/07/99

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.

Vblk78

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4164 SDG No: Location: M-14

Matrix: (soil/water) SOIL Lab Sample ID: Vblk78

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB02466.D

Level: (low/med) MED Date Received: 12/31/98

% Moisture: not dec. 0 Date Analyzed: 01/07/99

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

Vblk141

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4169 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: Vblk141

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05424.D

Level: (low/med) MED Date Received: 01/05/99

% Moisture: not dec. 0 Date Analyzed: 01/13/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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

Vblk141

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4169 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: Vblk141

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05424.D

Level: (low/med) MED Date Received: 01/05/99

% Moisture: not dec. 0 Date Analyzed: 01/13/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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

Vblk141

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4169 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: Vblk141

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05424.D

Level: (low/med) MED Date Received: 01/05/99

% Moisture: not dec. 0 Date Analyzed: 01/13/99

GC Column: RTX502 ID: 0.32 (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

Vblk142

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4169 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: Vblk142

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05449.D

Level: (low/med) MED Date Received: 01/05/99

% Moisture: not dec. 0 Date Analyzed: 01/15/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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

Vblk142

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4169 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: Vblk142

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05449.D

Level: (low/med) MED Date Received: 01/05/99

% Moisture: not dec. 0 Date Analyzed: 01/15/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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

Vblk142

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4169 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: Vblk142

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05449.D

Level: (low/med) MED Date Received: 01/05/99

% Moisture: not dec. 0 Date Analyzed: 01/15/99

GC Column: RTX502 ID: 0.32 (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

Vblk143

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4173 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: Vblk143

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05468.D

Level: (low/med) MED Date Received: 01/06/99

% Moisture: not dec. 0 Date Analyzed: 01/19/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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

Vblk143

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4173 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: Vblk143

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05468.D

Level: (low/med) MED Date Received: 01/06/99

% Moisture: not dec. 0 Date Analyzed: 01/19/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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

Vblk143

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4173 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: Vblk143

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05468.D

Level: (low/med) MED Date Received: 01/06/99

% Moisture: not dec. 0 Date Analyzed: 01/19/99

GC Column: RTX502 ID: 0.32 (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

Vblk144

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4177 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: Vblk144

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05485.D

Level: (low/med) MED Date Received: 01/07/99

% Moisture: not dec. 0 Date Analyzed: 01/20/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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

Vblk144

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4177 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: Vblk144

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05485.D

Level: (low/med) MED Date Received: 01/07/99

% Moisture: not dec. 0 Date Analyzed: 01/20/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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

Vblk144

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4177 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: Vblk144

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05485.D

Level: (low/med) MED Date Received: 01/07/99

% Moisture: not dec. 0 Date Analyzed: 01/20/99

GC Column: RTX502 ID: 0.32 (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

Vblk145

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4179 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: Vblk145

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05501.D

Level: (low/med) MED Date Received: 01/11/98

% Moisture: not dec. 0 Date Analyzed: 01/21/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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

000215

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

Vblk145

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4179 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: Vblk145

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05501.D

Level: (low/med) MED Date Received: 01/11/98

% Moisture: not dec. 0 Date Analyzed: 01/21/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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

Vblk145

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4179 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: Vblk145

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05501.D

Level: (low/med) MED Date Received: 01/11/98

% Moisture: not dec. 0 Date Analyzed: 01/21/99

GC Column: RTX502 ID: 0.32 (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

000217

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

Vblk147

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4189 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: Vblk147

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05544.D

Level: (low/med) MED Date Received: 01/13/99

% Moisture: not dec. 0 Date Analyzed: 01/25/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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

Vblk147

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4189 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: Vblk147

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05544.D

Level: (low/med) MED Date Received: 01/13/99

% Moisture: not dec. 0 Date Analyzed: 01/25/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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

Vblk147

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4189 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: Vblk147

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05544.D

Level: (low/med) MED Date Received: 01/13/99

% Moisture: not dec. 0 Date Analyzed: 01/25/99

GC Column: RTX502 ID: 0.32 (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

TRIP BLANKS

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

Trip Blank

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4156 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4156.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05352.D

Level: (low/med) MED Date Received: 12/23/98

% Moisture: not dec. 0 Date Analyzed: 12/30/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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	620	
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.: 4156 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4156.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05352.D

Level: (low/med) MED Date Received: 12/23/98

% Moisture: not dec. 0 Date Analyzed: 12/30/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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.: 4156 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4156.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05352.D

Level: (low/med) MED Date Received: 12/23/98

% Moisture: not dec. 0 Date Analyzed: 12/30/98

GC Column: RTX502 ID: 0.32 (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.: 4159 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4159.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05361.D

Level: (low/med) MED Date Received: 12/28/98

% Moisture: not dec. 0 Date Analyzed: 12/30/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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	740	
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.: 4159 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4159.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05361.D

Level: (low/med) MED Date Received: 12/28/98

% Moisture: not dec. 0 Date Analyzed: 12/30/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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.: 4159 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4159.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05361.D

Level: (low/med) MED Date Received: 12/28/98

% Moisture: not dec. 0 Date Analyzed: 12/30/98

GC Column: RTX502 ID: 0.32 (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.: 4160 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4160.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05383.D

Level: (low/med) MED Date Received: 12/29/98

% Moisture: not dec. 0 Date Analyzed: 01/06/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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.: 4160 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4160.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05383.D

Level: (low/med) MED Date Received: 12/29/98

% Moisture: not dec. 0 Date Analyzed: 01/06/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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.: 4160 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4160.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05383.D

Level: (low/med) MED Date Received: 12/29/98

% Moisture: not dec. 0 Date Analyzed: 01/06/99

GC Column: RTX502 ID: 0.32 (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.: 4162 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4162.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05399.D

Level: (low/med) MED Date Received: 12/30/98

% Moisture: not dec. 0 Date Analyzed: 01/07/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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.: 4162 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4162.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05399.D

Level: (low/med) MED Date Received: 12/30/98

% Moisture: not dec. 0 Date Analyzed: 01/07/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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.: 4162 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4162.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05399.D

Level: (low/med) MED Date Received: 12/30/98

% Moisture: not dec. 0 Date Analyzed: 01/07/99

GC Column: RTX502 ID: 0.32 (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 # 13561

Project: 980211 Case No.: 4164 SDG No: Location: M-14

Matrix: (soil/water) SOIL Lab Sample ID: 4164.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB02467.D

Level: (low/med) MED Date Received: 12/31/98

% Moisture: not dec. 0 Date Analyzed: 01/07/99

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	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 # 13561

Project: 980211 Case No.: 4164 SDG No: _____ Location: M-14

Matrix: (soil/water) SOIL Lab Sample ID: 4164.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB02467.D

Level: (low/med) MED Date Received: 12/31/98

% Moisture: not dec. 0 Date Analyzed: 01/07/99

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.

Trip Blank

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4164 SDG No: _____ Location: M-14

Matrix: (soil/water) SOIL Lab Sample ID: 4164.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB02467.D

Level: (low/med) MED Date Received: 12/31/98

% Moisture: not dec. 0 Date Analyzed: 01/07/99

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.: 4169 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4169.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05425.D

Level: (low/med) MED Date Received: 01/05/99

% Moisture: not dec. 0 Date Analyzed: 01/13/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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.: 4169 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4169.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05425.D

Level: (low/med) MED Date Received: 01/05/99

% Moisture: not dec. 0 Date Analyzed: 01/13/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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.: 4169 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4169.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05425.D

Level: (low/med) MED Date Received: 01/05/99

% Moisture: not dec. 0 Date Analyzed: 01/13/99

GC Column: RTX502 ID: 0.32 (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.: 4173 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4173.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05458.D

Level: (low/med) MED Date Received: 01/06/99

% Moisture: not dec. 0 Date Analyzed: 01/15/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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	
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.: 4173 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4173.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05458.D

Level: (low/med) MED Date Received: 01/06/99

% Moisture: not dec. 0 Date Analyzed: 01/15/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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.: 4173 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4173.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05458.D

Level: (low/med) MED Date Received: 01/06/99

% Moisture: not dec. 0 Date Analyzed: 01/15/99

GC Column: RTX502 ID: 0.32 (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.: 4177 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4177.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05486.D

Level: (low/med) MED Date Received: 01/07/99

% Moisture: not dec. 0 Date Analyzed: 01/20/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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	690	
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.: 4177 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4177.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05486.D

Level: (low/med) MED Date Received: 01/07/99

% Moisture: not dec. 0 Date Analyzed: 01/20/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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.: 4177 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4177.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05486.D

Level: (low/med) MED Date Received: 01/07/99

% Moisture: not dec. 0 Date Analyzed: 01/20/99

GC Column: RTX502 ID: 0.32 (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.: 4179 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4179.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05502.D

Level: (low/med) MED Date Received: 01/11/98

% Moisture: not dec. 0 Date Analyzed: 01/21/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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.: 4179 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4179.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05502.D

Level: (low/med) MED Date Received: 01/11/98

% Moisture: not dec. 0 Date Analyzed: 01/21/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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.: 4179 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4179.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05502.D

Level: (low/med) MED Date Received: 01/11/98

% Moisture: not dec. 0 Date Analyzed: 01/21/99

GC Column: RTX502 ID: 0.32 (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.: 4184 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4184.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05514.D

Level: (low/med) MED Date Received: 01/12/99

% Moisture: not dec. 0 Date Analyzed: 01/21/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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.: 4184 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4184.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05514.D

Level: (low/med) MED Date Received: 01/12/99

% Moisture: not dec. 0 Date Analyzed: 01/21/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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.: 4184 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4184.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05514.D

Level: (low/med) MED Date Received: 01/12/99

% Moisture: not dec. 0 Date Analyzed: 01/21/99

GC Column: RTX502 ID: 0.32 (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

Vblk147

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4184 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: Vblk147

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05544.D

Level: (low/med) MED Date Received: 01/12/99

% Moisture: not dec. 0 Date Analyzed: 01/25/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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

Vblk147

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4184 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: Vblk147

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05544.D

Level: (low/med) MED Date Received: 01/12/99

% Moisture: not dec. 0 Date Analyzed: 01/25/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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

Vblk147

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4184 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: Vblk147

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05544.D

Level: (low/med) MED Date Received: 01/12/99

% Moisture: not dec. 0 Date Analyzed: 01/25/99

GC Column: RTX502 ID: 0.32 (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.: 4189 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4189.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05550.D

Level: (low/med) MED Date Received: 01/13/99

% Moisture: not dec. 0 Date Analyzed: 01/25/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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.: 4189 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4189.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05550.D

Level: (low/med) MED Date Received: 01/13/99

% Moisture: not dec. 0 Date Analyzed: 01/25/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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.: 4189 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4189.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05550.D

Level: (low/med) MED Date Received: 01/13/99

% Moisture: not dec. 0 Date Analyzed: 01/25/99

GC Column: RTX502 ID: 0.32 (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

FIELD DUPLICATES

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

Field Dup

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4160 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4160.23

Sample wt/vol: 9.7 (g/ml) G Lab File ID: V05398.D

Level: (low/med) MED Date Received: 12/29/98

% Moisture: not dec. 13.27 Date Analyzed: 01/07/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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	360	J
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

Field Dup

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4160 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4160.23

Sample wt/vol: 9.7 (g/ml) G Lab File ID: V05398.D

Level: (low/med) MED Date Received: 12/29/98

% Moisture: not dec. 13.27 Date Analyzed: 01/07/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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

Field Dup

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4160 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4160.23

Sample wt/vol: 9.7 (g/ml) G Lab File ID: V05398.D

Level: (low/med) MED Date Received: 12/29/98

% Moisture: not dec. 13.27 Date Analyzed: 01/07/99

GC Column: RTX502 ID: 0.32 (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.: 4164 SDG No: _____ Location: M-14

Matrix: (soil/water) SOIL Lab Sample ID: 4164.21

Sample wt/vol: 10.5 (g/ml) G Lab File ID: VB02477.D

Level: (low/med) MED Date Received: 12/31/98

% Moisture: not dec. 15.81 Date Analyzed: 01/08/99

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	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.

Field Dup

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4164 SDG No: Location: M-14

Matrix: (soil/water) SOIL Lab Sample ID: 4164.21

Sample wt/vol: 10.5 (g/ml) G Lab File ID: VB02477.D

Level: (low/med) MED Date Received: 12/31/98

% Moisture: not dec. 15.81 Date Analyzed: 01/08/99

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	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.

Field Dup

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4164 SDG No: _____ Location: M-14

Matrix: (soil/water) SOIL Lab Sample ID: 4164.21

Sample wt/vol: 10.5 (g/ml) G Lab File ID: VB02477.D

Level: (low/med) MED Date Received: 12/31/98

% Moisture: not dec. 15.81 Date Analyzed: 01/08/99

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# 13461

Project 980211 Case No.: 4169 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4169.39

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05455.D

Level: (low/med) MED Date Received: 01/05/99

% Moisture: not dec. 14.82 Date Analyzed: 01/15/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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	390	J
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

Field Dup

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4169 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4169.39

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05455.D

Level: (low/med) MED Date Received: 01/05/99

% Moisture: not dec. 14.82 Date Analyzed: 01/15/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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

Field Dup

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4169 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4169.39

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05455.D

Level: (low/med) MED Date Received: 01/05/99

% Moisture: not dec. 14.82 Date Analyzed: 01/15/99

GC Column: RTX502 ID: 0.32 (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# 13461

Project 980211 Case No.: 4177 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4177.21

Sample wt/vol: 10.6 (g/ml) G Lab File ID: V05496.D

Level: (low/med) MED Date Received: 01/07/99

% Moisture: not dec. 18.69 Date Analyzed: 01/20/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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

Field Dup

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4177 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4177.21

Sample wt/vol: 10.6 (g/ml) G Lab File ID: V05496.D

Level: (low/med) MED Date Received: 01/07/99

% Moisture: not dec. 18.69 Date Analyzed: 01/20/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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

Field Dup

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4177 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4177.21

Sample wt/vol: 10.6 (g/ml) G Lab File ID: V05496.D

Level: (low/med) MED Date Received: 01/07/99

% Moisture: not dec. 18.69 Date Analyzed: 01/20/99

GC Column: RTX502 ID: 0.32 (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# 13461

Project 980211 Case No.: 4189 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4189.17

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V05558.D

Level: (low/med) MED Date Received: 01/13/99

% Moisture: not dec. 6.87 Date Analyzed: 01/25/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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.: 4189 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4189.17

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V05558.D

Level: (low/med) MED Date Received: 01/13/99

% Moisture: not dec. 6.87 Date Analyzed: 01/25/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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.: 4189 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4189.17

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V05558.D

Level: (low/med) MED Date Received: 01/13/99

% Moisture: not dec. 6.87 Date Analyzed: 01/25/99

GC Column: RTX502 ID: 0.32 (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

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4156 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4156.03

Sample wt/vol: 9.4 (g/ml) G Lab File ID: V05353.D

Level: (low/med) MED Date Received: 12/23/98

% Moisture: not dec. 8.84 Date Analyzed: 12/30/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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	720	
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-1

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4156 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4156.03

Sample wt/vol: 9.4 (g/ml) G Lab File ID: V05353.D

Level: (low/med) MED Date Received: 12/23/98

% Moisture: not dec. 8.84 Date Analyzed: 12/30/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-1

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4156 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4156.03

Sample wt/vol: 9.4 (g/ml) G Lab File ID: V05353.D

Level: (low/med) MED Date Received: 12/23/98

% Moisture: not dec. 8.84 Date Analyzed: 12/30/98

GC Column: RTX502 ID: 0.32 (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-2

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4156 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4156.05

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05354.D

Level: (low/med) MED Date Received: 12/23/98

% Moisture: not dec. 4.42 Date Analyzed: 12/30/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-2

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4156 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4156.05

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05354.D

Level: (low/med) MED Date Received: 12/23/98

% Moisture: not dec. 4.42 Date Analyzed: 12/30/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-2

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4156 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4156.05

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05354.D

Level: (low/med) MED Date Received: 12/23/98

% Moisture: not dec. 4.42 Date Analyzed: 12/30/98

GC Column: RTX502 ID: 0.32 (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-3

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4156 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4156.07

Sample wt/vol: 10.4 (g/ml) G Lab File ID: V05355.D

Level: (low/med) MED Date Received: 12/23/98

% Moisture: not dec. 10.68 Date Analyzed: 12/30/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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	690	
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-3

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4156 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4156.07

Sample wt/vol: 10.4 (g/ml) G Lab File ID: V05355.D

Level: (low/med) MED Date Received: 12/23/98

% Moisture: not dec. 10.68 Date Analyzed: 12/30/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-3

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4156 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4156.07

Sample wt/vol: 10.4 (g/ml) G Lab File ID: V05355.D

Level: (low/med) MED Date Received: 12/23/98

% Moisture: not dec. 10.68 Date Analyzed: 12/30/98

GC Column: RTX502 ID: 0.32 (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-4

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4156 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4156.09

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05356.D

Level: (low/med) MED Date Received: 12/23/98

% Moisture: not dec. 11.25 Date Analyzed: 12/30/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-4

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4156 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4156.09

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05356.D

Level: (low/med) MED Date Received: 12/23/98

% Moisture: not dec. 11.25 Date Analyzed: 12/30/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-4

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4156 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4156.09

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05356.D

Level: (low/med) MED Date Received: 12/23/98

% Moisture: not dec. 11.25 Date Analyzed: 12/30/98

GC Column: RTX502 ID: 0.32 (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-5

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4156 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4156.11

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V05357.D

Level: (low/med) MED Date Received: 12/23/98

% Moisture: not dec. 10.15 Date Analyzed: 12/30/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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	420	J
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-5

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4156 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4156.11

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V05357.D

Level: (low/med) MED Date Received: 12/23/98

% Moisture: not dec. 10.15 Date Analyzed: 12/30/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-5

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4156 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4156.11

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V05357.D

Level: (low/med) MED Date Received: 12/23/98

% Moisture: not dec. 10.15 Date Analyzed: 12/30/98

GC Column: RTX502 ID: 0.32 (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-6

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4156 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4156.13

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V05358.D

Level: (low/med) MED Date Received: 12/23/98

% Moisture: not dec. 11.42 Date Analyzed: 12/30/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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	690	
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-6

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4156 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4156.13

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V05358.D

Level: (low/med) MED Date Received: 12/23/98

% Moisture: not dec. 11.42 Date Analyzed: 12/30/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-6

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4156 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4156.13

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V05358.D

Level: (low/med) MED Date Received: 12/23/98

% Moisture: not dec. 11.42 Date Analyzed: 12/30/98

GC Column: RTX502 ID: 0.32 (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-7

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4159 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4159.03

Sample wt/vol: 9.7 (g/ml) G Lab File ID: V05362.D

Level: (low/med) MED Date Received: 12/28/98

% Moisture: not dec. 14.58 Date Analyzed: 12/30/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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	600	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	300	U
75-01-4	Vinyl Chloride	910	U
74-83-9	Bromomethane	600	U
75-00-3	Chloroethane	910	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	760	
156-60-5	trans-1,2-Dichloroethene	600	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	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-7

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4159 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4159.03

Sample wt/vol: 9.7 (g/ml) G Lab File ID: V05362.D

Level: (low/med) MED Date Received: 12/28/98

% Moisture: not dec. 14.58 Date Analyzed: 12/30/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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	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-7

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4159 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4159.03

Sample wt/vol: 9.7 (g/ml) G Lab File ID: V05362.D

Level: (low/med) MED Date Received: 12/28/98

% Moisture: not dec. 14.58 Date Analyzed: 12/30/98

GC Column: RTX502 ID: 0.32 (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-8

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4159 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4159.05

Sample wt/vol: 9.5 (g/ml) G Lab File ID: V05363.D

Level: (low/med) MED Date Received: 12/28/98

% Moisture: not dec. 14.78 Date Analyzed: 12/30/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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	920	U
108203	Di-isopropyl ether	620	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	310	U
75-01-4	Vinyl Chloride	920	U
74-83-9	Bromomethane	620	U
75-00-3	Chloroethane	920	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	920	U
78-93-3	2-Butanone	920	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-8

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4159 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4159.05

Sample wt/vol: 9.5 (g/ml) G Lab File ID: V05363.D

Level: (low/med) MED Date Received: 12/28/98

% Moisture: not dec. 14.78 Date Analyzed: 12/30/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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	920	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-8

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4159 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4159.05

Sample wt/vol: 9.5 (g/ml) G Lab File ID: V05363.D

Level: (low/med) MED Date Received: 12/28/98

% Moisture: not dec. 14.78 Date Analyzed: 12/30/98

GC Column: RTX502 ID: 0.32 (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

000298

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-9

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4159 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4159.07

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V05364.D

Level: (low/med) MED Date Received: 12/28/98

% Moisture: not dec. 21.3 Date Analyzed: 12/30/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-9

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4159 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4159.07

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V05364.D

Level: (low/med) MED Date Received: 12/28/98

% Moisture: not dec. 21.3 Date Analyzed: 12/30/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-9

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4159 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4159.07

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V05364.D

Level: (low/med) MED Date Received: 12/28/98

% Moisture: not dec. 21.3 Date Analyzed: 12/30/98

GC Column: RTX502 ID: 0.32 (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

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4159 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4159.09

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V05365.D

Level: (low/med) MED Date Received: 12/28/98

% Moisture: not dec. 11.76 Date Analyzed: 12/30/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-10

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4159 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4159.09

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V05365.D

Level: (low/med) MED Date Received: 12/28/98

% Moisture: not dec. 11.76 Date Analyzed: 12/30/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-10

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4159 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4159.09

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V05365.D

Level: (low/med) MED Date Received: 12/28/98

% Moisture: not dec. 11.76 Date Analyzed: 12/30/98

GC Column: RTX502 ID: 0.32 (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

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4159 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4159.11

Sample wt/vol: 9.6 (g/ml) G Lab File ID: V05372.D

Level: (low/med) MED Date Received: 12/28/98

% Moisture: not dec. 16.27 Date Analyzed: 01/06/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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	510	J
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-11

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4159 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4159.11

Sample wt/vol: 9.6 (g/ml) G Lab File ID: V05372.D

Level: (low/med) MED Date Received: 12/28/98

% Moisture: not dec. 16.27 Date Analyzed: 01/06/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-11

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4159 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4159.11

Sample wt/vol: 9.6 (g/ml) G Lab File ID: V05372.D

Level: (low/med) MED Date Received: 12/28/98

% Moisture: not dec. 16.27 Date Analyzed: 01/06/99

GC Column: RTX502 ID: 0.32 (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-12

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4159 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4159.13

Sample wt/vol: 10.3 (g/ml) G Lab File ID: V05373.D

Level: (low/med) MED Date Received: 12/28/98

% Moisture: not dec. 16.86 Date Analyzed: 01/06/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-12

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4159 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4159.13

Sample wt/vol: 10.3 (g/ml) G Lab File ID: V05373.D

Level: (low/med) MED Date Received: 12/28/98

% Moisture: not dec. 16.86 Date Analyzed: 01/06/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-12

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4159 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4159.13

Sample wt/vol: 10.3 (g/ml) G Lab File ID: V05373.D

Level: (low/med) MED Date Received: 12/28/98

% Moisture: not dec. 16.86 Date Analyzed: 01/06/99

GC Column: RTX502 ID: 0.32 (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-13

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4159 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4159.15

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05374.D

Level: (low/med) MED Date Received: 12/28/98

% Moisture: not dec. 10.65 Date Analyzed: 01/06/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-13

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4159 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4159.15

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05374.D

Level: (low/med) MED Date Received: 12/28/98

% Moisture: not dec. 10.65 Date Analyzed: 01/06/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-13

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4159 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4159.15

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05374.D

Level: (low/med) MED Date Received: 12/28/98

% Moisture: not dec. 10.65 Date Analyzed: 01/06/99

GC Column: RTX502 ID: 0.32 (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-14

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4159 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4159.17

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V05375.D

Level: (low/med) MED Date Received: 12/28/98

% Moisture: not dec. 13.19 Date Analyzed: 01/06/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-14

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4159 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4159.17

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V05375.D

Level: (low/med) MED Date Received: 12/28/98

% Moisture: not dec. 13.19 Date Analyzed: 01/06/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-14

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4159 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4159.17

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V05375.D

Level: (low/med) MED Date Received: 12/28/98

% Moisture: not dec. 13.19 Date Analyzed: 01/06/99

GC Column: RTX502 ID: 0.32 (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-15

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4159 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4159.19

Sample wt/vol: 9.6 (g/ml) G Lab File ID: V05376.D

Level: (low/med) MED Date Received: 12/28/98

% Moisture: not dec. 14.41 Date Analyzed: 01/06/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-15

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4159 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4159.19

Sample wt/vol: 9.6 (g/ml) G Lab File ID: V05376.D

Level: (low/med) MED Date Received: 12/28/98

% Moisture: not dec. 14.41 Date Analyzed: 01/06/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-15

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4159 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4159.19

Sample wt/vol: 9.6 (g/ml) G Lab File ID: V05376.D

Level: (low/med) MED Date Received: 12/28/98

% Moisture: not dec. 14.41 Date Analyzed: 01/06/99

GC Column: RTX502 ID: 0.32 (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-16

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4159 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4159.21

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V05377.D

Level: (low/med) MED Date Received: 12/28/98

% Moisture: not dec. 12.75 Date Analyzed: 01/06/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-16

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4159 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4159.21

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V05377.D

Level: (low/med) MED Date Received: 12/28/98

% Moisture: not dec. 12.75 Date Analyzed: 01/06/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-16

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4159 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4159.21

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V05377.D

Level: (low/med) MED Date Received: 12/28/98

% Moisture: not dec. 12.75 Date Analyzed: 01/06/99

GC Column: RTX502 ID: 0.32 (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-17

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4159 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4159.23

Sample wt/vol: 9.7 (g/ml) G Lab File ID: V05378.D

Level: (low/med) MED Date Received: 12/28/98

% Moisture: not dec. 12.6 Date Analyzed: 01/06/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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	720	
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-17

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4159 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4159.23

Sample wt/vol: 9.7 (g/ml) G Lab File ID: V05378.D

Level: (low/med) MED Date Received: 12/28/98

% Moisture: not dec. 12.6 Date Analyzed: 01/06/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-17

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4159 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4159.23

Sample wt/vol: 9.7 (g/ml) G Lab File ID: V05378.D

Level: (low/med) MED Date Received: 12/28/98

% Moisture: not dec. 12.6 Date Analyzed: 01/06/99

GC Column: RTX502 ID: 0.32 (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-18

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4159 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4159.25

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V05379.D

Level: (low/med) MED Date Received: 12/28/98

% Moisture: not dec. 13.65 Date Analyzed: 01/06/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-18

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4159 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4159.25

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V05379.D

Level: (low/med) MED Date Received: 12/28/98

% Moisture: not dec. 13.65 Date Analyzed: 01/06/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-18

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4159 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4159.25

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V05379.D

Level: (low/med) MED Date Received: 12/28/98

% Moisture: not dec. 13.65 Date Analyzed: 01/06/99

GC Column: RTX502 ID: 0.32 (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-19

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4159 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4159.27

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V05380.D

Level: (low/med) MED Date Received: 12/28/98

% Moisture: not dec. 14.17 Date Analyzed: 01/06/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-19

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4159 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4159.27

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V05380.D

Level: (low/med) MED Date Received: 12/28/98

% Moisture: not dec. 14.17 Date Analyzed: 01/06/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-19

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4159 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4159.27

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V05380.D

Level: (low/med) MED Date Received: 12/28/98

% Moisture: not dec. 14.17 Date Analyzed: 01/06/99

GC Column: RTX502 ID: 0.32 (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-20

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4160 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4160.03

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05384.D

Level: (low/med) MED Date Received: 12/29/98

% Moisture: not dec. 12.99 Date Analyzed: 01/06/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-20

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4160 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4160.03

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05384.D

Level: (low/med) MED Date Received: 12/29/98

% Moisture: not dec. 12.99 Date Analyzed: 01/06/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-20

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4160 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4160.03

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05384.D

Level: (low/med) MED Date Received: 12/29/98

% Moisture: not dec. 12.99 Date Analyzed: 01/06/99

GC Column: RTX502 ID: 0.32 (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-21

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4160 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4160.05

Sample wt/vol: 9.5 (g/ml) G Lab File ID: V05385.D

Level: (low/med) MED Date Received: 12/29/98

% Moisture: not dec. 12.65 Date Analyzed: 01/06/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-21

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4160 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4160.05

Sample wt/vol: 9.5 (g/ml) G Lab File ID: V05385.D

Level: (low/med) MED Date Received: 12/29/98

% Moisture: not dec. 12.65 Date Analyzed: 01/06/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-21

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4160 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4160.05

Sample wt/vol: 9.5 (g/ml) G Lab File ID: V05385.D

Level: (low/med) MED Date Received: 12/29/98

% Moisture: not dec. 12.65 Date Analyzed: 01/06/99

GC Column: RTX502 ID: 0.32 (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-22

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4160 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4160.07

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05390.D

Level: (low/med) MED Date Received: 12/29/98

% Moisture: not dec. 10.7 Date Analyzed: 01/07/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-22

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4160 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4160.07

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05390.D

Level: (low/med) MED Date Received: 12/29/98

% Moisture: not dec. 10.7 Date Analyzed: 01/07/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-22

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4160 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4160.07

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05390.D

Level: (low/med) MED Date Received: 12/29/98

% Moisture: not dec. 10.7 Date Analyzed: 01/07/99

GC Column: RTX502 ID: 0.32 (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-23

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4160 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4160.09

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05391.D

Level: (low/med) MED Date Received: 12/29/98

% Moisture: not dec. 13.54 Date Analyzed: 01/07/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-23

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4160 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4160.09

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05391.D

Level: (low/med) MED Date Received: 12/29/98

% Moisture: not dec. 13.54 Date Analyzed: 01/07/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-23

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4160 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4160.09

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05391.D

Level: (low/med) MED Date Received: 12/29/98

% Moisture: not dec. 13.54 Date Analyzed: 01/07/99

GC Column: RTX502 ID: 0.32 (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-24

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4160 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4160.11

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05392.D

Level: (low/med) MED Date Received: 12/29/98

% Moisture: not dec. 14.51 Date Analyzed: 01/07/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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	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	360	J
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-24

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4160 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4160.11

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05392.D

Level: (low/med) MED Date Received: 12/29/98

% Moisture: not dec. 14.51 Date Analyzed: 01/07/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-24

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4160 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4160.11

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05392.D

Level: (low/med) MED Date Received: 12/29/98

% Moisture: not dec. 14.51 Date Analyzed: 01/07/99

GC Column: RTX502 ID: 0.32 (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-25

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4160 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4160.13

Sample wt/vol: 9.5 (g/ml) G Lab File ID: V05393.D

Level: (low/med) MED Date Received: 12/29/98

% Moisture: not dec. 12.25 Date Analyzed: 01/07/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-25

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4160 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4160.13

Sample wt/vol: 9.5 (g/ml) G Lab File ID: V05393.D

Level: (low/med) MED Date Received: 12/29/98

% Moisture: not dec. 12.25 Date Analyzed: 01/07/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-25

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4160 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4160.13

Sample wt/vol: 9.5 (g/ml) G Lab File ID: V05393.D

Level: (low/med) MED Date Received: 12/29/98

% Moisture: not dec. 12.25 Date Analyzed: 01/07/99

GC Column: RTX502 ID: 0.32 (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-26

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4160 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4160.15

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V05394.D

Level: (low/med) MED Date Received: 12/29/98

% Moisture: not dec. 10.73 Date Analyzed: 01/07/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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	620	
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-26

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4160 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4160.15

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V05394.D

Level: (low/med) MED Date Received: 12/29/98

% Moisture: not dec. 10.73 Date Analyzed: 01/07/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-26

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4160 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4160.15

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V05394.D

Level: (low/med) MED Date Received: 12/29/98

% Moisture: not dec. 10.73 Date Analyzed: 01/07/99

GC Column: RTX502 ID: 0.32 (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-27

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4160 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4160.17

Sample wt/vol: 10.5 (g/ml) G Lab File ID: V05395.D

Level: (low/med) MED Date Received: 12/29/98

% Moisture: not dec. 12.66 Date Analyzed: 01/07/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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	370	J
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-27

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4160 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4160.17

Sample wt/vol: 10.5 (g/ml) G Lab File ID: V05395.D

Level: (low/med) MED Date Received: 12/29/98

% Moisture: not dec. 12.66 Date Analyzed: 01/07/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-27

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4160 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4160.17

Sample wt/vol: 10.5 (g/ml) G Lab File ID: V05395.D

Level: (low/med) MED Date Received: 12/29/98

% Moisture: not dec. 12.66 Date Analyzed: 01/07/99

GC Column: RTX502 ID: 0.32 (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-28

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4160 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4160.19

Sample wt/vol: 10.3 (g/ml) G Lab File ID: V05396.D

Level: (low/med) MED Date Received: 12/29/98

% Moisture: not dec. 12.61 Date Analyzed: 01/07/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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	660	
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-28

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4160 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4160.19

Sample wt/vol: 10.3 (g/ml) G Lab File ID: V05396.D

Level: (low/med) MED Date Received: 12/29/98

% Moisture: not dec. 12.61 Date Analyzed: 01/07/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-28

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4160 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4160.19

Sample wt/vol: 10.3 (g/ml) G Lab File ID: V05396.D

Level: (low/med) MED Date Received: 12/29/98

% Moisture: not dec. 12.61 Date Analyzed: 01/07/99

GC Column: RTX502 ID: 0.32 (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-29

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4160 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4160.21

Sample wt/vol: 9.5 (g/ml) G Lab File ID: V05397.D

Level: (low/med) MED Date Received: 12/29/98

% Moisture: not dec. 15.04 Date Analyzed: 01/07/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-29

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4160 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4160.21

Sample wt/vol: 9.5 (g/ml) G Lab File ID: V05397.D

Level: (low/med) MED Date Received: 12/29/98

% Moisture: not dec. 15.04 Date Analyzed: 01/07/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-29

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4160 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4160.21

Sample wt/vol: 9.5 (g/ml) G Lab File ID: V05397.D

Level: (low/med) MED Date Received: 12/29/98

% Moisture: not dec. 15.04 Date Analyzed: 01/07/99

GC Column: RTX502 ID: 0.32 (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-30

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4162 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4162.03

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V05400.D

Level: (low/med) MED Date Received: 12/30/98

% Moisture: not dec. 17.89 Date Analyzed: 01/07/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-30

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4162 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4162.03

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V05400.D

Level: (low/med) MED Date Received: 12/30/98

% Moisture: not dec. 17.89 Date Analyzed: 01/07/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-30

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4162 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4162.03

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V05400.D

Level: (low/med) MED Date Received: 12/30/98

% Moisture: not dec. 17.89 Date Analyzed: 01/07/99

GC Column: RTX502 ID: 0.32 (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-31

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4162 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4162.05

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05401.D

Level: (low/med) MED Date Received: 12/30/98

% Moisture: not dec. 14.12 Date Analyzed: 01/07/99

GC Column: RTX502 ID: 0.32 (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	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-31

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4162 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4162.05

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05401.D

Level: (low/med) MED Date Received: 12/30/98

% Moisture: not dec. 14.12 Date Analyzed: 01/07/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-31

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4162 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4162.05

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05401.D

Level: (low/med) MED Date Received: 12/30/98

% Moisture: not dec. 14.12 Date Analyzed: 01/07/99

GC Column: RTX502 ID: 0.32 (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-32

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4162 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4162.07

Sample wt/vol: 9.7 (g/ml) G Lab File ID: V05402.D

Level: (low/med) MED Date Received: 12/30/98

% Moisture: not dec. 14.67 Date Analyzed: 01/07/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-32

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4162 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4162.07

Sample wt/vol: 9.7 (g/ml) G Lab File ID: V05402.D

Level: (low/med) MED Date Received: 12/30/98

% Moisture: not dec. 14.67 Date Analyzed: 01/07/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-32

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4162 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4162.07

Sample wt/vol: 9.7 (g/ml) G Lab File ID: V05402.D

Level: (low/med) MED Date Received: 12/30/98

% Moisture: not dec. 14.67 Date Analyzed: 01/07/99

GC Column: RTX502 ID: 0.32 (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-33

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4162 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4162.09

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V05403.D

Level: (low/med) MED Date Received: 12/30/98

% Moisture: not dec. 9.19 Date Analyzed: 01/07/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-33

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4162 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4162.09

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V05403.D

Level: (low/med) MED Date Received: 12/30/98

% Moisture: not dec. 9.19 Date Analyzed: 01/07/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-33

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4162 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4162.09

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V05403.D

Level: (low/med) MED Date Received: 12/30/98

% Moisture: not dec. 9.19 Date Analyzed: 01/07/99

GC Column: RTX502 ID: 0.32 (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-34

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4162 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4162.11

Sample wt/vol: 9.6 (g/ml) G Lab File ID: V05409.D

Level: (low/med) MED Date Received: 12/30/98

% Moisture: not dec. 19.05 Date Analyzed: 01/11/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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	17000	
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-34

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4162 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4162.11

Sample wt/vol: 9.6 (g/ml) G Lab File ID: V05409.D

Level: (low/med) MED Date Received: 12/30/98

% Moisture: not dec. 19.05 Date Analyzed: 01/11/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-34

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4162 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4162.11

Sample wt/vol: 9.6 (g/ml) G Lab File ID: V05409.D

Level: (low/med) MED Date Received: 12/30/98

% Moisture: not dec. 19.05 Date Analyzed: 01/11/99

GC Column: RTX502 ID: 0.32 (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-35

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4162 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4162.13

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V05410.D

Level: (low/med) MED Date Received: 12/30/98

% Moisture: not dec. 14.12 Date Analyzed: 01/11/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-35

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4162 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4162.13

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V05410.D

Level: (low/med) MED Date Received: 12/30/98

% Moisture: not dec. 14.12 Date Analyzed: 01/11/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-35

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4162 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4162.13

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V05410.D

Level: (low/med) MED Date Received: 12/30/98

% Moisture: not dec. 14.12 Date Analyzed: 01/11/99

GC Column: RTX502 ID: 0.32 (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-36

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4162 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4162.15

Sample wt/vol: 9.7 (g/ml) G Lab File ID: V05411.D

Level: (low/med) MED Date Received: 12/30/98

% Moisture: not dec. 15.7 Date Analyzed: 01/11/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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	920	U
108203	Di-isopropyl ether	610	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	310	U
75-01-4	Vinyl Chloride	920	U
74-83-9	Bromomethane	610	U
75-00-3	Chloroethane	920	U
75-69-4	Trichlorofluoromethane	610	U
75-35-4	1,1-Dichloroethene	310	U
67-64-1	Acetone	610	U
75-15-0	Carbon Disulfide	310	U
75-09-2	Methylene Chloride	610	U
156-60-5	trans-1,2-Dichloroethene	610	U
75-35-3	1,1-Dichloroethane	310	U
108-05-4	Vinyl Acetate	920	U
78-93-3	2-Butanone	920	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	610	U
71-43-2	Benzene	310	U
107-06-2	1,2-Dichloroethane	610	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	610	U
10061-01-5	cis-1,3-Dichloropropene	310	U
108-10-1	4-Methyl-2-Pentanone	610	U
108-88-3	Toluene	310	U
10061-02-6	trans-1,3-Dichloropropene	610	U
79-00-5	1,1,2-Trichloroethane	610	U
127-18-4	Tetrachloroethene	310	U
591-78-6	2-Hexanone	610	U
126-48-1	Dibromochloromethane	610	U
108-90-7	Chlorobenzene	310	U
100-41-4	Ethylbenzene	610	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-36

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4162 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4162.15

Sample wt/vol: 9.7 (g/ml) G Lab File ID: V05411.D

Level: (low/med) MED Date Received: 12/30/98

% Moisture: not dec. 15.7 Date Analyzed: 01/11/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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	920	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-36

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4162 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4162.15

Sample wt/vol: 9.7 (g/ml) G Lab File ID: V05411.D

Level: (low/med) MED Date Received: 12/30/98

% Moisture: not dec. 15.7 Date Analyzed: 01/11/99

GC Column: RTX502 ID: 0.32 (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

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4162 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4162.17

Sample wt/vol: 9.6 (g/ml) G Lab File ID: V05412.D

Level: (low/med) MED Date Received: 12/30/98

% Moisture: not dec. 24.05 Date Analyzed: 01/11/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-37

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4162 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4162.17

Sample wt/vol: 9.6 (g/ml) G Lab File ID: V05412.D

Level: (low/med) MED Date Received: 12/30/98

% Moisture: not dec. 24.05 Date Analyzed: 01/11/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-37

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4162 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4162.17

Sample wt/vol: 9.6 (g/ml) G Lab File ID: V05412.D

Level: (low/med) MED Date Received: 12/30/98

% Moisture: not dec. 24.05 Date Analyzed: 01/11/99

GC Column: RTX502 ID: 0.32 (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

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4162 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4162.19

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V05413.D

Level: (low/med) MED Date Received: 12/30/98

% Moisture: not dec. 14.06 Date Analyzed: 01/11/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-38

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4162 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4162.19

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V05413.D

Level: (low/med) MED Date Received: 12/30/98

% Moisture: not dec. 14.06 Date Analyzed: 01/11/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-38

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4162 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4162.19

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V05413.D

Level: (low/med) MED Date Received: 12/30/98

% Moisture: not dec. 14.06 Date Analyzed: 01/11/99

GC Column: RTX502 ID: 0.32 (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

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4162 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4162.21

Sample wt/vol: 10.3 (g/ml) G Lab File ID: V05414.D

Level: (low/med) MED Date Received: 12/30/98

% Moisture: not dec. 12.66 Date Analyzed: 01/11/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-39

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4162 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4162.21

Sample wt/vol: 10.3 (g/ml) G Lab File ID: V05414.D

Level: (low/med) MED Date Received: 12/30/98

% Moisture: not dec. 12.66 Date Analyzed: 01/11/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-39

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4162 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4162.21

Sample wt/vol: 10.3 (g/ml) G Lab File ID: V05414.D

Level: (low/med) MED Date Received: 12/30/98

% Moisture: not dec. 12.66 Date Analyzed: 01/11/99

GC Column: RTX502 ID: 0.32 (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-40

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4162 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4162.23

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V05415.D

Level: (low/med) MED Date Received: 12/30/98

% Moisture: not dec. 12.34 Date Analyzed: 01/11/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-40

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4162 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4162.23

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V05415.D

Level: (low/med) MED Date Received: 12/30/98

% Moisture: not dec. 12.34 Date Analyzed: 01/11/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-40

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4162 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4162.23

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V05415.D

Level: (low/med) MED Date Received: 12/30/98

% Moisture: not dec. 12.34 Date Analyzed: 01/11/99

GC Column: RTX502 ID: 0.32 (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

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4162 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4162.25

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V05416.D

Level: (low/med) MED Date Received: 12/30/98

% Moisture: not dec. 13.52 Date Analyzed: 01/11/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-41

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4162 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4162.25

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V05416.D

Level: (low/med) MED Date Received: 12/30/98

% Moisture: not dec. 13.52 Date Analyzed: 01/11/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-41

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4162 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4162.25

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V05416.D

Level: (low/med) MED Date Received: 12/30/98

% Moisture: not dec. 13.52 Date Analyzed: 01/11/99

GC Column: RTX502 ID: 0.32 (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-42

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4162 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4162.27

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V05417.D

Level: (low/med) MED Date Received: 12/30/98

% Moisture: not dec. 14.58 Date Analyzed: 01/11/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-42

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4162 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4162.27

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V05417.D

Level: (low/med) MED Date Received: 12/30/98

% Moisture: not dec. 14.58 Date Analyzed: 01/11/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-42

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4162 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4162.27

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V05417.D

Level: (low/med) MED Date Received: 12/30/98

% Moisture: not dec. 14.58 Date Analyzed: 01/11/99

GC Column: RTX502 ID: 0.32 (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-43

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4162 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4162.29

Sample wt/vol: 9.6 (g/ml) G Lab File ID: V05418.D

Level: (low/med) MED Date Received: 12/30/98

% Moisture: not dec. 13.88 Date Analyzed: 01/11/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-43

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4162 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4162.29

Sample wt/vol: 9.6 (g/ml) G Lab File ID: V05418.D

Level: (low/med) MED Date Received: 12/30/98

% Moisture: not dec. 13.88 Date Analyzed: 01/11/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-43

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4162 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4162.29

Sample wt/vol: 9.6 (g/ml) G Lab File ID: V05418.D

Level: (low/med) MED Date Received: 12/30/98

% Moisture: not dec. 13.88 Date Analyzed: 01/11/99

GC Column: RTX502 ID: 0.32 (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-44

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4162 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4162.31

Sample wt/vol: 10.4 (g/ml) G Lab File ID: V05419.D

Level: (low/med) MED Date Received: 12/30/98

% Moisture: not dec. 14.91 Date Analyzed: 01/11/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-44

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4162 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4162.31

Sample wt/vol: 10.4 (g/ml) G Lab File ID: V05419.D

Level: (low/med) MED Date Received: 12/30/98

% Moisture: not dec. 14.91 Date Analyzed: 01/11/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-44

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4162 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4162.31

Sample wt/vol: 10.4 (g/ml) G Lab File ID: V05419.D

Level: (low/med) MED Date Received: 12/30/98

% Moisture: not dec. 14.91 Date Analyzed: 01/11/99

GC Column: RTX502 ID: 0.32 (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-45

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4164 SDG No: _____ Location: M-14

Matrix: (soil/water) SOIL Lab Sample ID: 4164.03

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB02468.D

Level: (low/med) MED Date Received: 12/31/98

% Moisture: not dec. 15.45 Date Analyzed: 01/07/99

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-45

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4164 SDG No: Location: M-14

Matrix: (soil/water) SOIL Lab Sample ID: 4164.03

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB02468.D

Level: (low/med) MED Date Received: 12/31/98

% Moisture: not dec. 15.45 Date Analyzed: 01/07/99

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-45

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4164 SDG No: _____ Location: M-14

Matrix: (soil/water) SOIL Lab Sample ID: 4164.03

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB02468.D

Level: (low/med) MED Date Received: 12/31/98

% Moisture: not dec. 15.45 Date Analyzed: 01/07/99

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-46

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4164 SDG No: Location: M-14

Matrix: (soil/water) SOIL Lab Sample ID: 4164.05

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB02469.D

Level: (low/med) MED Date Received: 12/31/98

% Moisture: not dec. 10.37 Date Analyzed: 01/07/99

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	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-46

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4164 SDG No: Location: M-14

Matrix: (soil/water) SOIL Lab Sample ID: 4164.05

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB02469.D

Level: (low/med) MED Date Received: 12/31/98

% Moisture: not dec. 10.37 Date Analyzed: 01/07/99

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	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-46

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4164 SDG No: Location: M-14

Matrix: (soil/water) SOIL Lab Sample ID: 4164.05

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB02469.D

Level: (low/med) MED Date Received: 12/31/98

% Moisture: not dec. 10.37 Date Analyzed: 01/07/99

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	7.16	1900	J

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-47

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4164 SDG No: Location: M-14

Matrix: (soil/water) SOIL Lab Sample ID: 4164.07

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VB02470.D

Level: (low/med) MED Date Received: 12/31/98

% Moisture: not dec. 16.85 Date Analyzed: 01/07/99

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	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-47

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4164 SDG No: Location: M-14

Matrix: (soil/water) SOIL Lab Sample ID: 4164.07

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VB02470.D

Level: (low/med) MED Date Received: 12/31/98

% Moisture: not dec. 16.85 Date Analyzed: 01/07/99

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	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-47

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4164 SDG No: _____ Location: M-14

Matrix: (soil/water) SOIL Lab Sample ID: 4164.07

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VB02470.D

Level: (low/med) MED Date Received: 12/31/98

% Moisture: not dec. 16.85 Date Analyzed: 01/07/99

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-48

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4164 SDG No: Location: M-14

Matrix: (soil/water) SOIL Lab Sample ID: 4164.09

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB02471.D

Level: (low/med) MED Date Received: 12/31/98

% Moisture: not dec. 23.92 Date Analyzed: 01/07/99

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	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-48

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4164 SDG No: _____ Location: M-14

Matrix: (soil/water) SOIL Lab Sample ID: 4164.09

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB02471.D

Level: (low/med) MED Date Received: 12/31/98

% Moisture: not dec. 23.92 Date Analyzed: 01/07/99

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-48

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4164 SDG No: Location: M-14

Matrix: (soil/water) SOIL Lab Sample ID: 4164.09

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB02471.D

Level: (low/med) MED Date Received: 12/31/98

% Moisture: not dec. 23.92 Date Analyzed: 01/07/99

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-49

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4164 SDG No: Location: M-14

Matrix: (soil/water) SOIL Lab Sample ID: 4164.11

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB02472.D

Level: (low/med) MED Date Received: 12/31/98

% Moisture: not dec. 16.04 Date Analyzed: 01/07/99

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-49

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4164 SDG No: _____ Location: M-14

Matrix: (soil/water) SOIL Lab Sample ID: 4164.11

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB02472.D

Level: (low/med) MED Date Received: 12/31/98

% Moisture: not dec. 16.04 Date Analyzed: 01/07/99

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-49

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4164 SDG No: Location: M-14

Matrix: (soil/water) SOIL Lab Sample ID: 4164.11

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB02472.D

Level: (low/med) MED Date Received: 12/31/98

% Moisture: not dec. 16.04 Date Analyzed: 01/07/99

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-50

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4164 SDG No: Location: M-14

Matrix: (soil/water) SOIL Lab Sample ID: 4164.13

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB02473.D

Level: (low/med) MED Date Received: 12/31/98

% Moisture: not dec. 17.93 Date Analyzed: 01/07/99

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	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-50

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4164 SDG No: _____ Location: M-14

Matrix: (soil/water) SOIL Lab Sample ID: 4164.13

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB02473.D

Level: (low/med) MED Date Received: 12/31/98

% Moisture: not dec. 17.93 Date Analyzed: 01/07/99

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	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-50

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4164 SDG No: _____ Location: M-14

Matrix: (soil/water) SOIL Lab Sample ID: 4164.13

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB02473.D

Level: (low/med) MED Date Received: 12/31/98

% Moisture: not dec. 17.93 Date Analyzed: 01/07/99

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-51

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4164 SDG No: _____ Location: M-14

Matrix: (soil/water) SOIL Lab Sample ID: 4164.15

Sample wt/vol: 9.5 (g/ml) G Lab File ID: VB02474.D

Level: (low/med) MED Date Received: 12/31/98

% Moisture: not dec. 14.73 Date Analyzed: 01/07/99

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	920	U
108203	Di-isopropyl ether	620	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	310	U
75-01-4	Vinyl Chloride	920	U
74-83-9	Bromomethane	620	U
75-00-3	Chloroethane	920	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	920	U
78-93-3	2-Butanone	920	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-51

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4164 SDG No: _____ Location: M-14

Matrix: (soil/water) SOIL Lab Sample ID: 4164.15

Sample wt/vol: 9.5 (g/ml) G Lab File ID: VB02474.D

Level: (low/med) MED Date Received: 12/31/98

% Moisture: not dec. 14.73 Date Analyzed: 01/07/99

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	920	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-51

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4164 SDG No: Location: M-14

Matrix: (soil/water) SOIL Lab Sample ID: 4164.15

Sample wt/vol: 9.5 (g/ml) G Lab File ID: VB02474.D

Level: (low/med) MED Date Received: 12/31/98

% Moisture: not dec. 14.73 Date Analyzed: 01/07/99

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-52

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4164 SDG No: Location: M-14

Matrix: (soil/water) SOIL Lab Sample ID: 4164.17

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB02475.D

Level: (low/med) MED Date Received: 12/31/98

% Moisture: not dec. 10.69 Date Analyzed: 01/07/99

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	280	U
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	560	U
71-43-2	Benzene	300	
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-52

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4164 SDG No: _____ Location: M-14

Matrix: (soil/water) SOIL Lab Sample ID: 4164.17

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB02475.D

Level: (low/med) MED Date Received: 12/31/98

% Moisture: not dec. 10.69 Date Analyzed: 01/07/99

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-52

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4164 SDG No: Location: M-14

Matrix: (soil/water) SOIL Lab Sample ID: 4164.17

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB02475.D

Level: (low/med) MED Date Received: 12/31/98

% Moisture: not dec. 10.69 Date Analyzed: 01/07/99

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-53

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4164 SDG No: _____ Location: M-14

Matrix: (soil/water) SOIL Lab Sample ID: 4164.19

Sample wt/vol: 10.4 (g/ml) G Lab File ID: VB02476.D

Level: (low/med) MED Date Received: 12/31/98

% Moisture: not dec. 18.16 Date Analyzed: 01/07/99

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	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	560	
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-53

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4164 SDG No: Location: M-14

Matrix: (soil/water) SOIL Lab Sample ID: 4164.19

Sample wt/vol: 10.4 (g/ml) G Lab File ID: VB02476.D

Level: (low/med) MED Date Received: 12/31/98

% Moisture: not dec. 18.16 Date Analyzed: 01/07/99

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	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-53

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4164 SDG No: Location: M-14

Matrix: (soil/water) SOIL Lab Sample ID: 4164.19

Sample wt/vol: 10.4 (g/ml) G Lab File ID: VB02476.D

Level: (low/med) MED Date Received: 12/31/98

% Moisture: not dec. 18.16 Date Analyzed: 01/07/99

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-54

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4169 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4169.03

Sample wt/vol: 9.6 (g/ml) G Lab File ID: V05426.D

Level: (low/med) MED Date Received: 01/05/99

% Moisture: not dec. 17.33 Date Analyzed: 01/13/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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	320	U
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-54

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4169 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4169.03

Sample wt/vol: 9.6 (g/ml) G Lab File ID: V05426.D

Level: (low/med) MED Date Received: 01/05/99

% Moisture: not dec. 17.33 Date Analyzed: 01/13/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-54

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4169 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4169.03

Sample wt/vol: 9.6 (g/ml) G Lab File ID: V05426.D

Level: (low/med) MED Date Received: 01/05/99

% Moisture: not dec. 17.33 Date Analyzed: 01/13/99

GC Column: RTX502 ID: 0.32 (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-55

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4169 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4169.05

Sample wt/vol: 9.5 (g/ml) G Lab File ID: V05427.D

Level: (low/med) MED Date Received: 01/05/99

% Moisture: not dec. 17.69 Date Analyzed: 01/13/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-55

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4169 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4169.05

Sample wt/vol: 9.5 (g/ml) G Lab File ID: V05427.D

Level: (low/med) MED Date Received: 01/05/99

% Moisture: not dec. 17.69 Date Analyzed: 01/13/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-55

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4169 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4169.05

Sample wt/vol: 9.5 (g/ml) G Lab File ID: V05427.D

Level: (low/med) MED Date Received: 01/05/99

% Moisture: not dec. 17.69 Date Analyzed: 01/13/99

GC Column: RTX502 ID: 0.32 (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-56

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4169 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4169.07

Sample wt/vol: 6.9 (g/ml) G Lab File ID: V05428.D

Level: (low/med) MED Date Received: 01/05/99

% Moisture: not dec. 8.44 Date Analyzed: 01/13/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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	750	
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-56

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4169 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4169.07

Sample wt/vol: 6.9 (g/ml) G Lab File ID: V05428.D

Level: (low/med) MED Date Received: 01/05/99

% Moisture: not dec. 8.44 Date Analyzed: 01/13/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-56

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4169 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4169.07

Sample wt/vol: 6.9 (g/ml) G Lab File ID: V05428.D

Level: (low/med) MED Date Received: 01/05/99

% Moisture: not dec. 8.44 Date Analyzed: 01/13/99

GC Column: RTX502 ID: 0.32 (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-57

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4169 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4169.09

Sample wt/vol: 7.8 (g/ml) G Lab File ID: V05429.D

Level: (low/med) MED Date Received: 01/05/99

% Moisture: not dec. 26.49 Date Analyzed: 01/13/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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	5700	U
1634044	Methyl-tert-Butyl ether	1300	U
108203	Di-isopropyl ether	880	U
	Dichlorodifluoromethane	1800	U
74-87-3	Chloromethane	440	U
75-01-4	Vinyl Chloride	1300	U
74-83-9	Bromomethane	880	U
75-00-3	Chloroethane	1300	U
75-69-4	Trichlorofluoromethane	880	U
75-35-4	1,1-Dichloroethene	440	U
67-64-1	Acetone	880	U
75-15-0	Carbon Disulfide	440	U
75-09-2	Methylene Chloride	880	U
156-60-5	trans-1,2-Dichloroethene	880	U
75-35-3	1,1-Dichloroethane	440	U
108-05-4	Vinyl Acetate	1300	U
78-93-3	2-Butanone	1300	U
	cis-1,2-Dichloroethene	440	U
67-66-3	Chloroform	440	U
75-55-6	1,1,1-Trichloroethane	440	U
56-23-5	Carbon Tetrachloride	880	U
71-43-2	Benzene	440	U
107-06-2	1,2-Dichloroethane	880	U
79-01-6	Trichloroethene	440	U
78-87-5	1,2-Dichloropropane	440	U
75-27-4	Bromodichloromethane	440	U
110-75-8	2-Chloroethyl vinyl ether	880	U
10061-01-5	cis-1,3-Dichloropropene	440	U
108-10-1	4-Methyl-2-Pentanone	880	U
108-88-3	Toluene	440	U
10061-02-6	trans-1,3-Dichloropropene	880	U
79-00-5	1,1,2-Trichloroethane	880	U
127-18-4	Tetrachloroethene	440	U
591-78-6	2-Hexanone	880	U
126-48-1	Dibromochloromethane	880	U
108-90-7	Chlorobenzene	440	U
100-41-4	Ethylbenzene	880	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-57

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4169 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4169.09

Sample wt/vol: 7.8 (g/ml) G Lab File ID: V05429.D

Level: (low/med) MED Date Received: 01/05/99

% Moisture: not dec. 26.49 Date Analyzed: 01/13/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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	880	U
100-42-5	Styrene	880	U
75-25-2	Bromoform	880	U
79-34-5	1,1,2,2-Tetrachloroethane	880	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID

B-57

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4169 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4169.09

Sample wt/vol: 7.8 (g/ml) G Lab File ID: V05429.D

Level: (low/med) MED Date Received: 01/05/99

% Moisture: not dec. 26.49 Date Analyzed: 01/13/99

GC Column: RTX502 ID: 0.32 (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-58

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4169 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4169.11

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V05430.D

Level: (low/med) MED Date Received: 01/05/99

% Moisture: not dec. 15.97 Date Analyzed: 01/13/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-58

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4169 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4169.11

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V05430.D

Level: (low/med) MED Date Received: 01/05/99

% Moisture: not dec. 15.97 Date Analyzed: 01/13/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-58

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4169 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4169.11

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V05430.D

Level: (low/med) MED Date Received: 01/05/99

% Moisture: not dec. 15.97 Date Analyzed: 01/13/99

GC Column: RTX502 ID: 0.32 (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-59

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4169 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4169.13

Sample wt/vol: 11.2 (g/ml) G Lab File ID: V05431.D

Level: (low/med) MED Date Received: 01/05/99

% Moisture: not dec. 15.38 Date Analyzed: 01/13/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-59

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4169 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4169.13

Sample wt/vol: 11.2 (g/ml) G Lab File ID: V05431.D

Level: (low/med) MED Date Received: 01/05/99

% Moisture: not dec. 15.38 Date Analyzed: 01/13/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-59

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4169 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4169.13

Sample wt/vol: 11.2 (g/ml) G Lab File ID: V05431.D

Level: (low/med) MED Date Received: 01/05/99

% Moisture: not dec. 15.38 Date Analyzed: 01/13/99

GC Column: RTX502 ID: 0.32 (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-60

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4169 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4169.15

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V05432.D

Level: (low/med) MED Date Received: 01/05/99

% Moisture: not dec. 16.97 Date Analyzed: 01/13/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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	920	U
108203	Di-isopropyl ether	610	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	310	U
75-01-4	Vinyl Chloride	920	U
74-83-9	Bromomethane	610	U
75-00-3	Chloroethane	920	U
75-69-4	Trichlorofluoromethane	610	U
75-35-4	1,1-Dichloroethene	310	U
67-64-1	Acetone	610	U
75-15-0	Carbon Disulfide	310	U
75-09-2	Methylene Chloride	610	U
156-60-5	trans-1,2-Dichloroethene	610	U
75-35-3	1,1-Dichloroethane	310	U
108-05-4	Vinyl Acetate	920	U
78-93-3	2-Butanone	920	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	610	U
71-43-2	Benzene	310	U
107-06-2	1,2-Dichloroethane	610	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	610	U
10061-01-5	cis-1,3-Dichloropropene	310	U
108-10-1	4-Methyl-2-Pentanone	610	U
108-88-3	Toluene	310	U
10061-02-6	trans-1,3-Dichloropropene	610	U
79-00-5	1,1,2-Trichloroethane	610	U
127-18-4	Tetrachloroethene	310	U
591-78-6	2-Hexanone	610	U
126-48-1	Dibromochloromethane	610	U
108-90-7	Chlorobenzene	310	U
100-41-4	Ethylbenzene	610	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-60

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4169 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4169.15

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V05432.D

Level: (low/med) MED Date Received: 01/05/99

% Moisture: not dec. 16.97 Date Analyzed: 01/13/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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	920	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-60

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4169 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4169.15

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V05432.D

Level: (low/med) MED Date Received: 01/05/99

% Moisture: not dec. 16.97 Date Analyzed: 01/13/99

GC Column: RTX502 ID: 0.32 (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-61

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4169 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4169.17

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V05433.D

Level: (low/med) MED Date Received: 01/05/99

% Moisture: not dec. 19.78 Date Analyzed: 01/13/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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	320	U
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-61

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4169 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4169.17

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V05433.D

Level: (low/med) MED Date Received: 01/05/99

% Moisture: not dec. 19.78 Date Analyzed: 01/13/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-61

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4169 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4169.17

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V05433.D

Level: (low/med) MED Date Received: 01/05/99

% Moisture: not dec. 19.78 Date Analyzed: 01/13/99

GC Column: RTX502 ID: 0.32 (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-62

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4169 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4169.19

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05434.D

Level: (low/med) MED Date Received: 01/05/99

% Moisture: not dec. 16.93 Date Analyzed: 01/13/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-62

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4169 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4169.19

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05434.D

Level: (low/med) MED Date Received: 01/05/99

% Moisture: not dec. 16.93 Date Analyzed: 01/13/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-62

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4169 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4169.19

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05434.D

Level: (low/med) MED Date Received: 01/05/99

% Moisture: not dec. 16.93 Date Analyzed: 01/13/99

GC Column: RTX502 ID: 0.32 (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-63

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4169 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4169.21

Sample wt/vol: 9.7 (g/ml) G Lab File ID: V05435.D

Level: (low/med) MED Date Received: 01/05/99

% Moisture: not dec. 15.84 Date Analyzed: 01/13/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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	920	U
108203	Di-isopropyl ether	610	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	310	U
75-01-4	Vinyl Chloride	920	U
74-83-9	Bromomethane	610	U
75-00-3	Chloroethane	920	U
75-69-4	Trichlorofluoromethane	610	U
75-35-4	1,1-Dichloroethene	310	U
67-64-1	Acetone	610	U
75-15-0	Carbon Disulfide	310	U
75-09-2	Methylene Chloride	610	U
156-60-5	trans-1,2-Dichloroethene	610	U
75-35-3	1,1-Dichloroethane	310	U
108-05-4	Vinyl Acetate	920	U
78-93-3	2-Butanone	920	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	610	U
71-43-2	Benzene	310	U
107-06-2	1,2-Dichloroethane	610	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	610	U
10061-01-5	cis-1,3-Dichloropropene	310	U
108-10-1	4-Methyl-2-Pentanone	610	U
108-88-3	Toluene	310	U
10061-02-6	trans-1,3-Dichloropropene	610	U
79-00-5	1,1,2-Trichloroethane	610	U
127-18-4	Tetrachloroethene	310	U
591-78-6	2-Hexanone	610	U
126-48-1	Dibromochloromethane	610	U
108-90-7	Chlorobenzene	310	U
100-41-4	Ethylbenzene	610	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-63

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4169 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4169.21

Sample wt/vol: 9.7 (g/ml) G Lab File ID: V05435.D

Level: (low/med) MED Date Received: 01/05/99

% Moisture: not dec. 15.84 Date Analyzed: 01/13/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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	920	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-63

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4169 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4169.21

Sample wt/vol: 9.7 (g/ml) G Lab File ID: V05435.D

Level: (low/med) MED Date Received: 01/05/99

% Moisture: not dec. 15.84 Date Analyzed: 01/13/99

GC Column: RTX502 ID: 0.32 (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-64

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4169 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4169.23

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V05436.D

Level: (low/med) MED Date Received: 01/05/99

% Moisture: not dec. 14.75 Date Analyzed: 01/13/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-64

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4169 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4169.23

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V05436.D

Level: (low/med) MED Date Received: 01/05/99

% Moisture: not dec. 14.75 Date Analyzed: 01/13/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-64

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4169 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4169.23

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V05436.D

Level: (low/med) MED Date Received: 01/05/99

% Moisture: not dec. 14.75 Date Analyzed: 01/13/99

GC Column: RTX502 ID: 0.32 (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-65

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4169 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4169.25

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V05437.D

Level: (low/med) MED Date Received: 01/05/99

% Moisture: not dec. 17.9 Date Analyzed: 01/13/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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

000467

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-65

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4169 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4169.25

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V05437.D

Level: (low/med) MED Date Received: 01/05/99

% Moisture: not dec. 17.9 Date Analyzed: 01/13/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-65

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4169 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4169.25

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V05437.D

Level: (low/med) MED Date Received: 01/05/99

% Moisture: not dec. 17.9 Date Analyzed: 01/13/99

GC Column: RTX502 ID: 0.32 (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-66

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4169 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4169.27

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V05438.D

Level: (low/med) MED Date Received: 01/05/99

% Moisture: not dec. 18.08 Date Analyzed: 01/13/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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	920	U
108203	Di-isopropyl ether	620	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	310	U
75-01-4	Vinyl Chloride	920	U
74-83-9	Bromomethane	620	U
75-00-3	Chloroethane	920	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	920	U
78-93-3	2-Butanone	920	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-66

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4169 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4169.27

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V05438.D

Level: (low/med) MED Date Received: 01/05/99

% Moisture: not dec. 18.08 Date Analyzed: 01/13/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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	920	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-66

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4169 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4169.27

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V05438.D

Level: (low/med) MED Date Received: 01/05/99

% Moisture: not dec. 18.08 Date Analyzed: 01/13/99

GC Column: RTX502 ID: 0.32 (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

000472

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-67

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4169 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4169.29

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V05450.D

Level: (low/med) MED Date Received: 01/05/99

% Moisture: not dec. 19.6 Date Analyzed: 01/15/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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	920	U
108203	Di-isopropyl ether	610	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	310	U
75-01-4	Vinyl Chloride	920	U
74-83-9	Bromomethane	610	U
75-00-3	Chloroethane	920	U
75-69-4	Trichlorofluoromethane	610	U
75-35-4	1,1-Dichloroethene	310	U
67-64-1	Acetone	610	U
75-15-0	Carbon Disulfide	310	U
75-09-2	Methylene Chloride	940	
156-60-5	trans-1,2-Dichloroethene	610	U
75-35-3	1,1-Dichloroethane	310	U
108-05-4	Vinyl Acetate	920	U
78-93-3	2-Butanone	920	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	610	U
71-43-2	Benzene	310	U
107-06-2	1,2-Dichloroethane	610	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	610	U
10061-01-5	cis-1,3-Dichloropropene	310	U
108-10-1	4-Methyl-2-Pentanone	610	U
108-88-3	Toluene	310	U
10061-02-6	trans-1,3-Dichloropropene	610	U
79-00-5	1,1,2-Trichloroethane	610	U
127-18-4	Tetrachloroethene	310	U
591-78-6	2-Hexanone	610	U
126-48-1	Dibromochloromethane	610	U
108-90-7	Chlorobenzene	310	U
100-41-4	Ethylbenzene	610	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-67

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4169 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4169.29

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V05450.D

Level: (low/med) MED Date Received: 01/05/99

% Moisture: not dec. 19.6 Date Analyzed: 01/15/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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	920	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

000474

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID

B-67

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4169 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4169.29

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V05450.D

Level: (low/med) MED Date Received: 01/05/99

% Moisture: not dec. 19.6 Date Analyzed: 01/15/99

GC Column: RTX502 ID: 0.32 (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-68

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4169 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4169.31

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V05451.D

Level: (low/med) MED Date Received: 01/05/99

% Moisture: not dec. 21.3 Date Analyzed: 01/15/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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	910	
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-68

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4169 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4169.31

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V05451.D

Level: (low/med) MED Date Received: 01/05/99

% Moisture: not dec. 21.3 Date Analyzed: 01/15/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-68

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4169 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4169.31

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V05451.D

Level: (low/med) MED Date Received: 01/05/99

% Moisture: not dec. 21.3 Date Analyzed: 01/15/99

GC Column: RTX502 ID: 0.32 (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-69

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4169 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4169.33

Sample wt/vol: 8.3 (g/ml) G Lab File ID: V05452.D

Level: (low/med) MED Date Received: 01/05/99

% Moisture: not dec. 13.24 Date Analyzed: 01/15/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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	1000	
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	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

B-69

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4169 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4169.33

Sample wt/vol: 8.3 (g/ml) G Lab File ID: V05452.D

Level: (low/med) MED Date Received: 01/05/99

% Moisture: not dec. 13.24 Date Analyzed: 01/15/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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

B-69

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4169 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4169.33

Sample wt/vol: 8.3 (g/ml) G Lab File ID: V05452.D

Level: (low/med) MED Date Received: 01/05/99

% Moisture: not dec. 13.24 Date Analyzed: 01/15/99

GC Column: RTX502 ID: 0.32 (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-70

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4169 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4169.35

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05453.D

Level: (low/med) MED Date Received: 01/05/99

% Moisture: not dec. 11.23 Date Analyzed: 01/15/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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	440	J
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-70

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4169 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4169.35

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05453.D

Level: (low/med) MED Date Received: 01/05/99

% Moisture: not dec. 11.23 Date Analyzed: 01/15/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-70

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4169 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4169.35

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05453.D

Level: (low/med) MED Date Received: 01/05/99

% Moisture: not dec. 11.23 Date Analyzed: 01/15/99

GC Column: RTX502 ID: 0.32 (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-71

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4169 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4169.37

Sample wt/vol: 9.4 (g/ml) G Lab File ID: V05454.D

Level: (low/med) MED Date Received: 01/05/99

% Moisture: not dec. 17.36 Date Analyzed: 01/15/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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	960	
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-71

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4169 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4169.37

Sample wt/vol: 9.4 (g/ml) G Lab File ID: V05454.D

Level: (low/med) MED Date Received: 01/05/99

% Moisture: not dec. 17.36 Date Analyzed: 01/15/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-71

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4169 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4169.37

Sample wt/vol: 9.4 (g/ml) G Lab File ID: V05454.D

Level: (low/med) MED Date Received: 01/05/99

% Moisture: not dec. 17.36 Date Analyzed: 01/15/99

GC Column: RTX502 ID: 0.32 (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-72

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4173 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4173.03

Sample wt/vol: 9.5 (g/ml) G Lab File ID: V05459.D

Level: (low/med) MED Date Received: 01/06/99

% Moisture: not dec. 16.72 Date Analyzed: 01/15/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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	950	
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-72

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4173 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4173.03

Sample wt/vol: 9.5 (g/ml) G Lab File ID: V05459.D

Level: (low/med) MED Date Received: 01/06/99

% Moisture: not dec. 16.72 Date Analyzed: 01/15/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-72

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4173 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4173.03

Sample wt/vol: 9.5 (g/ml) G Lab File ID: V05459.D

Level: (low/med) MED Date Received: 01/06/99

% Moisture: not dec. 16.72 Date Analyzed: 01/15/99

GC Column: RTX502 ID: 0.32 (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-73

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4173 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4173.05

Sample wt/vol: 10.5 (g/ml) G Lab File ID: V05460.D

Level: (low/med) MED Date Received: 01/06/99

% Moisture: not dec. 19.4 Date Analyzed: 01/15/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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 890	U
108203	Di-isopropyl ether 590	U
	Dichlorodifluoromethane 1200	U
74-87-3	Chloromethane 300	U
75-01-4	Vinyl Chloride 890	U
74-83-9	Bromomethane 590	U
75-00-3	Chloroethane 890	U
75-69-4	Trichlorofluoromethane 590	U
75-35-4	1,1-Dichloroethene 300	U
67-64-1	Acetone 590	U
75-15-0	Carbon Disulfide 300	U
75-09-2	Methylene Chloride 400	J
156-60-5	trans-1,2-Dichloroethene 590	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 590	U
71-43-2	Benzene 300	U
107-06-2	1,2-Dichloroethane 590	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 590	U
10061-01-5	cis-1,3-Dichloropropene 300	U
108-10-1	4-Methyl-2-Pentanone 590	U
108-88-3	Toluene 300	U
10061-02-6	trans-1,3-Dichloropropene 590	U
79-00-5	1,1,2-Trichloroethane 590	U
127-18-4	Tetrachloroethene 300	U
591-78-6	2-Hexanone 590	U
126-48-1	Dibromochloromethane 590	U
108-90-7	Chlorobenzene 300	U
100-41-4	Ethylbenzene 590	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-73

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4173 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4173.05

Sample wt/vol: 10.5 (g/ml) G Lab File ID: V05460.D

Level: (low/med) MED Date Received: 01/06/99

% Moisture: not dec. 19.4 Date Analyzed: 01/15/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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	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-73

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4173 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4173.05

Sample wt/vol: 10.5 (g/ml) G Lab File ID: V05460.D

Level: (low/med) MED Date Received: 01/06/99

% Moisture: not dec. 19.4 Date Analyzed: 01/15/99

GC Column: RTX502 ID: 0.32 (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-74

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4173 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4173.07

Sample wt/vol: 9.7 (g/ml) G Lab File ID: V05461.D

Level: (low/med) MED Date Received: 01/06/99

% Moisture: not dec. 23.8 Date Analyzed: 01/15/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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	550	J
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-74

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4173 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4173.07

Sample wt/vol: 9.7 (g/ml) G Lab File ID: V05461.D

Level: (low/med) MED Date Received: 01/06/99

% Moisture: not dec. 23.8 Date Analyzed: 01/15/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-74

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4173 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4173.07

Sample wt/vol: 9.7 (g/ml) G Lab File ID: V05461.D

Level: (low/med) MED Date Received: 01/06/99

% Moisture: not dec. 23.8 Date Analyzed: 01/15/99

GC Column: RTX502 ID: 0.32 (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-75

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4173 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4173.09

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V05462.D

Level: (low/med) MED Date Received: 01/06/99

% Moisture: not dec. 14.84 Date Analyzed: 01/15/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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	420	J
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-75

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4173 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4173.09

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V05462.D

Level: (low/med) MED Date Received: 01/06/99

% Moisture: not dec. 14.84 Date Analyzed: 01/15/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-75

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4173 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4173.09

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V05462.D

Level: (low/med) MED Date Received: 01/06/99

% Moisture: not dec. 14.84 Date Analyzed: 01/15/99

GC Column: RTX502 ID: 0.32 (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-76

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4173 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4173.11

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V05463.D

Level: (low/med) MED Date Received: 01/06/99

% Moisture: not dec. 19.05 Date Analyzed: 01/15/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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	420	J
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	320	U
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-76

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4173 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4173.11

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V05463.D

Level: (low/med) MED Date Received: 01/06/99

% Moisture: not dec. 19.05 Date Analyzed: 01/15/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-76

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4173 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4173.11

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V05463.D

Level: (low/med) MED Date Received: 01/06/99

% Moisture: not dec. 19.05 Date Analyzed: 01/15/99

GC Column: RTX502 ID: 0.32 (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-77

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4173 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4173.13

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V05473.D

Level: (low/med) MED Date Received: 01/06/99

% Moisture: not dec. 14.26 Date Analyzed: 01/19/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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	590	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	300	U
75-01-4	Vinyl Chloride	890	U
74-83-9	Bromomethane	590	U
75-00-3	Chloroethane	890	U
75-69-4	Trichlorofluoromethane	590	U
75-35-4	1,1-Dichloroethene	300	U
67-64-1	Acetone	590	U
75-15-0	Carbon Disulfide	300	U
75-09-2	Methylene Chloride	1100	
156-60-5	trans-1,2-Dichloroethene	590	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	590	U
71-43-2	Benzene	300	U
107-06-2	1,2-Dichloroethane	590	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	590	U
10061-01-5	cis-1,3-Dichloropropene	300	U
108-10-1	4-Methyl-2-Pentanone	590	U
108-88-3	Toluene	300	U
10061-02-6	trans-1,3-Dichloropropene	590	U
79-00-5	1,1,2-Trichloroethane	590	U
127-18-4	Tetrachloroethene	300	U
591-78-6	2-Hexanone	590	U
126-48-1	Dibromochloromethane	590	U
108-90-7	Chlorobenzene	300	U
100-41-4	Ethylbenzene	590	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-77

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4173 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4173.13

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V05473.D

Level: (low/med) MED Date Received: 01/06/99

% Moisture: not dec. 14.26 Date Analyzed: 01/19/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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	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-77

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4173 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4173.13

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V05473.D

Level: (low/med) MED Date Received: 01/06/99

% Moisture: not dec. 14.26 Date Analyzed: 01/19/99

GC Column: RTX502 ID: 0.32 (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-78

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4173 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4173.15

Sample wt/vol: 9.6 (g/ml) G Lab File ID: V05474.D

Level: (low/med) MED Date Received: 01/06/99

% Moisture: not dec. 21.47 Date Analyzed: 01/19/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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	2000	
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-78

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4173 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4173.15

Sample wt/vol: 9.6 (g/ml) G Lab File ID: V05474.D

Level: (low/med) MED Date Received: 01/06/99

% Moisture: not dec. 21.47 Date Analyzed: 01/19/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-78

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4173 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4173.15

Sample wt/vol: 9.6 (g/ml) G Lab File ID: V05474.D

Level: (low/med) MED Date Received: 01/06/99

% Moisture: not dec. 21.47 Date Analyzed: 01/19/99

GC Column: RTX502 ID: 0.32 (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-79

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4173 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4173.17

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V05475.D

Level: (low/med) MED Date Received: 01/06/99

% Moisture: not dec. 14.27 Date Analyzed: 01/19/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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	1900	
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-79

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4173 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4173.17

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V05475.D

Level: (low/med) MED Date Received: 01/06/99

% Moisture: not dec. 14.27 Date Analyzed: 01/19/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-79

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4173 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4173.17

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V05475.D

Level: (low/med) MED Date Received: 01/06/99

% Moisture: not dec. 14.27 Date Analyzed: 01/19/99

GC Column: RTX502 ID: 0.32 (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-80

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4173 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4173.19

Sample wt/vol: 9.6 (g/ml) G Lab File ID: V05476.D

Level: (low/med) MED Date Received: 01/06/99

% Moisture: not dec. 6.77 Date Analyzed: 01/19/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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	1100	
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

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4173 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4173.19

Sample wt/vol: 9.6 (g/ml) G Lab File ID: V05476.D

Level: (low/med) MED Date Received: 01/06/99

% Moisture: not dec. 6.77 Date Analyzed: 01/19/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4173 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4173.19

Sample wt/vol: 9.6 (g/ml) G Lab File ID: V05476.D

Level: (low/med) MED Date Received: 01/06/99

% Moisture: not dec. 6.77 Date Analyzed: 01/19/99

GC Column: RTX502 ID: 0.32 (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-81

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4173 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4173.21

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V05477.D

Level: (low/med) MED Date Received: 01/06/99

% Moisture: not dec. 5.86 Date Analyzed: 01/19/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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	1700	
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-81

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4173 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4173.21

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V05477.D

Level: (low/med) MED Date Received: 01/06/99

% Moisture: not dec. 5.86 Date Analyzed: 01/19/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-81

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4173 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4173.21

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V05477.D

Level: (low/med) MED Date Received: 01/06/99

% Moisture: not dec. 5.86 Date Analyzed: 01/19/99

GC Column: RTX502 ID: 0.32 (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-82

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4173 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4173.23

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V05478.D

Level: (low/med) MED Date Received: 01/06/99

% Moisture: not dec. 10.21 Date Analyzed: 01/19/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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	1800	
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-82

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4173 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4173.23

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V05478.D

Level: (low/med) MED Date Received: 01/06/99

% Moisture: not dec. 10.21 Date Analyzed: 01/19/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-82

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4173 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4173.23

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V05478.D

Level: (low/med) MED Date Received: 01/06/99

% Moisture: not dec. 10.21 Date Analyzed: 01/19/99

GC Column: RTX502 ID: 0.32 (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-83

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4173 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4173.25

Sample wt/vol: 9.6 (g/ml) G Lab File ID: V05479.D

Level: (low/med) MED Date Received: 01/06/99

% Moisture: not dec. 16.88 Date Analyzed: 01/19/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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	1100	
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-83

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4173 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4173.25

Sample wt/vol: 9.6 (g/ml) G Lab File ID: V05479.D

Level: (low/med) MED Date Received: 01/06/99

% Moisture: not dec. 16.88 Date Analyzed: 01/19/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-83

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4173 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4173.25

Sample wt/vol: 9.6 (g/ml) G Lab File ID: V05479.D

Level: (low/med) MED Date Received: 01/06/99

% Moisture: not dec. 16.88 Date Analyzed: 01/19/99

GC Column: RTX502 ID: 0.32 (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-84

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4173 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4173.27

Sample wt/vol: 9.7 (g/ml) G Lab File ID: V05480.D

Level: (low/med) MED Date Received: 01/06/99

% Moisture: not dec. 9.97 Date Analyzed: 01/19/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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	1800	
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-84

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4173 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4173.27

Sample wt/vol: 9.7 (g/ml) G Lab File ID: V05480.D

Level: (low/med) MED Date Received: 01/06/99

% Moisture: not dec. 9.97 Date Analyzed: 01/19/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-84

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4173 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4173.27

Sample wt/vol: 9.7 (g/ml) G Lab File ID: V05480.D

Level: (low/med) MED Date Received: 01/06/99

% Moisture: not dec. 9.97 Date Analyzed: 01/19/99

GC Column: RTX502 ID: 0.32 (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-85

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4173 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4173.29

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V05481.D

Level: (low/med) MED Date Received: 01/06/99

% Moisture: not dec. 19.15 Date Analyzed: 01/19/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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	920	U
108203	Di-isopropyl ether	610	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	310	U
75-01-4	Vinyl Chloride	920	U
74-83-9	Bromomethane	610	U
75-00-3	Chloroethane	920	U
75-69-4	Trichlorofluoromethane	610	U
75-35-4	1,1-Dichloroethene	310	U
67-64-1	Acetone	610	U
75-15-0	Carbon Disulfide	310	U
75-09-2	Methylene Chloride	2000	
156-60-5	trans-1,2-Dichloroethene	610	U
75-35-3	1,1-Dichloroethane	310	U
108-05-4	Vinyl Acetate	920	U
78-93-3	2-Butanone	920	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	610	U
71-43-2	Benzene	310	U
107-06-2	1,2-Dichloroethane	610	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	610	U
10061-01-5	cis-1,3-Dichloropropene	310	U
108-10-1	4-Methyl-2-Pentanone	610	U
108-88-3	Toluene	310	U
10061-02-6	trans-1,3-Dichloropropene	610	U
79-00-5	1,1,2-Trichloroethane	610	U
127-18-4	Tetrachloroethene	310	U
591-78-6	2-Hexanone	610	U
126-48-1	Dibromochloromethane	610	U
108-90-7	Chlorobenzene	310	U
100-41-4	Ethylbenzene	610	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-85

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4173 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4173.29

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V05481.D

Level: (low/med) MED Date Received: 01/06/99

% Moisture: not dec. 19.15 Date Analyzed: 01/19/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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	920	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-85

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4173 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4173.29

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V05481.D

Level: (low/med) MED Date Received: 01/06/99

% Moisture: not dec. 19.15 Date Analyzed: 01/19/99

GC Column: RTX502 ID: 0.32 (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-86

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4173 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4173.31

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V05482.D

Level: (low/med) MED Date Received: 01/06/99

% Moisture: not dec. 20.16 Date Analyzed: 01/19/99

GC Column: RTX502 ID: 0.32 (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	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	2100	
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-86

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4173 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4173.31

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V05482.D

Level: (low/med) MED Date Received: 01/06/99

% Moisture: not dec. 20.16 Date Analyzed: 01/19/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-86

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4173 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4173.31

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V05482.D

Level: (low/med) MED Date Received: 01/06/99

% Moisture: not dec. 20.16 Date Analyzed: 01/19/99

GC Column: RTX502 ID: 0.32 (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-87

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4177 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4177.03

Sample wt/vol: 9.1 (g/ml) G Lab File ID: V05487.D

Level: (low/med) MED Date Received: 01/07/99

% Moisture: not dec. 12.71 Date Analyzed: 01/20/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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	720	
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-87

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4177 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4177.03

Sample wt/vol: 9.1 (g/ml) G Lab File ID: V05487.D

Level: (low/med) MED Date Received: 01/07/99

% Moisture: not dec. 12.71 Date Analyzed: 01/20/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-87

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4177 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4177.03

Sample wt/vol: 9.1 (g/ml) G Lab File ID: V05487.D

Level: (low/med) MED Date Received: 01/07/99

% Moisture: not dec. 12.71 Date Analyzed: 01/20/99

GC Column: RTX502 ID: 0.32 (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. 000616-42-2	Sulfurous acid, dimethyl ester	24.41	2600	JN

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-88

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4177 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4177.05

Sample wt/vol: 8.2 (g/ml) G Lab File ID: V05488.D

Level: (low/med) MED Date Received: 01/07/99

% Moisture: not dec. 15.93 Date Analyzed: 01/20/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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	830	
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-88

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4177 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4177.05

Sample wt/vol: 8.2 (g/ml) G Lab File ID: V05488.D

Level: (low/med) MED Date Received: 01/07/99

% Moisture: not dec. 15.93 Date Analyzed: 01/20/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-88

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4177 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4177.05

Sample wt/vol: 8.2 (g/ml) G Lab File ID: V05488.D

Level: (low/med) MED Date Received: 01/07/99

% Moisture: not dec. 15.93 Date Analyzed: 01/20/99

GC Column: RTX502 ID: 0.32 (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-89

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4177 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4177.07

Sample wt/vol: 10.8 (g/ml) G Lab File ID: V05489.D

Level: (low/med) MED Date Received: 01/07/99

% Moisture: not dec. 19.33 Date Analyzed: 01/20/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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	400	J
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-89

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4177 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4177.07

Sample wt/vol: 10.8 (g/ml) G Lab File ID: V05489.D

Level: (low/med) MED Date Received: 01/07/99

% Moisture: not dec. 19.33 Date Analyzed: 01/20/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-89

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4177 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4177.07

Sample wt/vol: 10.8 (g/ml) G Lab File ID: V05489.D

Level: (low/med) MED Date Received: 01/07/99

% Moisture: not dec. 19.33 Date Analyzed: 01/20/99

GC Column: RTX502 ID: 0.32 (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-90

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4177 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4177.09

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V05490.D

Level: (low/med) MED Date Received: 01/07/99

% Moisture: not dec. 14.41 Date Analyzed: 01/20/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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	680	
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-90

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4177 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4177.09

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V05490.D

Level: (low/med) MED Date Received: 01/07/99

% Moisture: not dec. 14.41 Date Analyzed: 01/20/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-90

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4177 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4177.09

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V05490.D

Level: (low/med) MED Date Received: 01/07/99

% Moisture: not dec. 14.41 Date Analyzed: 01/20/99

GC Column: RTX502 ID: 0.32 (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-91

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4177 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4177.11

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V05491.D

Level: (low/med) MED Date Received: 01/07/99

% Moisture: not dec. 21.85 Date Analyzed: 01/20/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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	510	J
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-91

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4177 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4177.11

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V05491.D

Level: (low/med) MED Date Received: 01/07/99

% Moisture: not dec. 21.85 Date Analyzed: 01/20/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-91

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4177 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4177.11

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V05491.D

Level: (low/med) MED Date Received: 01/07/99

% Moisture: not dec. 21.85 Date Analyzed: 01/20/99

GC Column: RTX502 ID: 0.32 (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 hydrocarbon	14.23	2200	J

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-92

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4177 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4177.13

Sample wt/vol: 9.7 (g/ml) G Lab File ID: V05492.D

Level: (low/med) MED Date Received: 01/07/99

% Moisture: not dec. 16.91 Date Analyzed: 01/20/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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	670	
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-92

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4177 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4177.13

Sample wt/vol: 9.7 (g/ml) G Lab File ID: V05492.D

Level: (low/med) MED Date Received: 01/07/99

% Moisture: not dec. 16.91 Date Analyzed: 01/20/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-92

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4177 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4177.13

Sample wt/vol: 9.7 (g/ml) G Lab File ID: V05492.D

Level: (low/med) MED Date Received: 01/07/99

% Moisture: not dec. 16.91 Date Analyzed: 01/20/99

GC Column: RTX502 ID: 0.32 (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-93

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4177 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4177.15

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05493.D

Level: (low/med) MED Date Received: 01/07/99

% Moisture: not dec. 13.6 Date Analyzed: 01/20/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-93

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4177 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4177.15

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05493.D

Level: (low/med) MED Date Received: 01/07/99

% Moisture: not dec. 13.6 Date Analyzed: 01/20/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-93

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4177 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4177.15

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05493.D

Level: (low/med) MED Date Received: 01/07/99

% Moisture: not dec. 13.6 Date Analyzed: 01/20/99

GC Column: RTX502 ID: 0.32 (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-94

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4177 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4177.17

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V05494.D

Level: (low/med) MED Date Received: 01/07/99

% Moisture: not dec. 18.08 Date Analyzed: 01/20/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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	700	
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-94

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4177 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4177.17

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V05494.D

Level: (low/med) MED Date Received: 01/07/99

% Moisture: not dec. 18.08 Date Analyzed: 01/20/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-94

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4177 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4177.17

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V05494.D

Level: (low/med) MED Date Received: 01/07/99

% Moisture: not dec. 18.08 Date Analyzed: 01/20/99

GC Column: RTX502 ID: 0.32 (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-95

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4177 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4177.19

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V05495.D

Level: (low/med) MED Date Received: 01/07/99

% Moisture: not dec. 18.66 Date Analyzed: 01/20/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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	730	
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-95

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4177 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4177.19

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V05495.D

Level: (low/med) MED Date Received: 01/07/99

% Moisture: not dec. 18.66 Date Analyzed: 01/20/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-95

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4177 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4177.19

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V05495.D

Level: (low/med) MED Date Received: 01/07/99

% Moisture: not dec. 18.66 Date Analyzed: 01/20/99

GC Column: RTX502 ID: 0.32 (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-96

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4179 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4179.03

Sample wt/vol: 7.5 (g/ml) G Lab File ID: V05503.D

Level: (low/med) MED Date Received: 01/11/98

% Moisture: not dec. 15.2 Date Analyzed: 01/21/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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	5100	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-96

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4179 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4179.03

Sample wt/vol: 7.5 (g/ml) G Lab File ID: V05503.D

Level: (low/med) MED Date Received: 01/11/98

% Moisture: not dec. 15.2 Date Analyzed: 01/21/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-96

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4179 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4179.03

Sample wt/vol: 7.5 (g/ml) G Lab File ID: V05503.D

Level: (low/med) MED Date Received: 01/11/98

% Moisture: not dec. 15.2 Date Analyzed: 01/21/99

GC Column: RTX502 ID: 0.32 (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-97

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4179 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4179.05

Sample wt/vol: 9.6 (g/ml) G Lab File ID: V05504.D

Level: (low/med) MED Date Received: 01/11/98

% Moisture: not dec. 15.22 Date Analyzed: 01/21/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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	920	U
108203	Di-isopropyl ether	610	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	310	U
75-01-4	Vinyl Chloride	920	U
74-83-9	Bromomethane	610	U
75-00-3	Chloroethane	920	U
75-69-4	Trichlorofluoromethane	610	U
75-35-4	1,1-Dichloroethene	310	U
67-64-1	Acetone	610	U
75-15-0	Carbon Disulfide	310	U
75-09-2	Methylene Chloride	610	U
156-60-5	trans-1,2-Dichloroethene	610	U
75-35-3	1,1-Dichloroethane	310	U
108-05-4	Vinyl Acetate	920	U
78-93-3	2-Butanone	920	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	610	U
71-43-2	Benzene	310	U
107-06-2	1,2-Dichloroethane	610	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	610	U
10061-01-5	cis-1,3-Dichloropropene	310	U
108-10-1	4-Methyl-2-Pentanone	610	U
108-88-3	Toluene	310	U
10061-02-6	trans-1,3-Dichloropropene	610	U
79-00-5	1,1,2-Trichloroethane	610	U
127-18-4	Tetrachloroethene	310	U
591-78-6	2-Hexanone	610	U
126-48-1	Dibromochloromethane	610	U
108-90-7	Chlorobenzene	310	U
100-41-4	Ethylbenzene	610	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-97

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4179 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4179.05

Sample wt/vol: 9.6 (g/ml) G Lab File ID: V05504.D

Level: (low/med) MED Date Received: 01/11/98

% Moisture: not dec. 15.22 Date Analyzed: 01/21/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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	920	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-97

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4179 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4179.05

Sample wt/vol: 9.6 (g/ml) G Lab File ID: V05504.D

Level: (low/med) MED Date Received: 01/11/98

% Moisture: not dec. 15.22 Date Analyzed: 01/21/99

GC Column: RTX502 ID: 0.32 (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-98

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4179 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4179.07

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V05505.D

Level: (low/med) MED Date Received: 01/11/98

% Moisture: not dec. 12.09 Date Analyzed: 01/21/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-98

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4179 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4179.07

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V05505.D

Level: (low/med) MED Date Received: 01/11/98

% Moisture: not dec. 12.09 Date Analyzed: 01/21/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-98

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4179 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4179.07

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V05505.D

Level: (low/med) MED Date Received: 01/11/98

% Moisture: not dec. 12.09 Date Analyzed: 01/21/99

GC Column: RTX502 ID: 0.32 (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-99

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4179 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4179.09

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V05506.D

Level: (low/med) MED Date Received: 01/11/98

% Moisture: not dec. 20.06 Date Analyzed: 01/21/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-99

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4179 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4179.09

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V05506.D

Level: (low/med) MED Date Received: 01/11/98

% Moisture: not dec. 20.06 Date Analyzed: 01/21/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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

000570

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID

B-99

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4179 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4179.09

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V05506.D

Level: (low/med) MED Date Received: 01/11/98

% Moisture: not dec. 20.06 Date Analyzed: 01/21/99

GC Column: RTX502 ID: 0.32 (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

000571

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-100

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4179 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4179.11

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V05507.D

Level: (low/med) MED Date Received: 01/11/98

% Moisture: not dec. 17.38 Date Analyzed: 01/21/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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	920	U
108203	Di-isopropyl ether	610	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	310	U
75-01-4	Vinyl Chloride	920	U
74-83-9	Bromomethane	610	U
75-00-3	Chloroethane	920	U
75-69-4	Trichlorofluoromethane	610	U
75-35-4	1,1-Dichloroethene	310	U
67-64-1	Acetone	610	U
75-15-0	Carbon Disulfide	310	U
75-09-2	Methylene Chloride	610	U
156-60-5	trans-1,2-Dichloroethene	610	U
75-35-3	1,1-Dichloroethane	310	U
108-05-4	Vinyl Acetate	920	U
78-93-3	2-Butanone	920	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	610	U
71-43-2	Benzene	310	U
107-06-2	1,2-Dichloroethane	610	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	610	U
10061-01-5	cis-1,3-Dichloropropene	310	U
108-10-1	4-Methyl-2-Pentanone	610	U
108-88-3	Toluene	310	U
10061-02-6	trans-1,3-Dichloropropene	610	U
79-00-5	1,1,2-Trichloroethane	610	U
127-18-4	Tetrachloroethene	310	U
591-78-6	2-Hexanone	610	U
126-48-1	Dibromochloromethane	610	U
108-90-7	Chlorobenzene	310	U
100-41-4	Ethylbenzene	610	U

000572

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-100

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4179 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4179.11

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V05507.D

Level: (low/med) MED Date Received: 01/11/98

% Moisture: not dec. 17.38 Date Analyzed: 01/21/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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	920	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-100

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4179 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4179.11

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V05507.D

Level: (low/med) MED Date Received: 01/11/98

% Moisture: not dec. 17.38 Date Analyzed: 01/21/99

GC Column: RTX502 ID: 0.32 (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

000574

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-101

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4179 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4179.13

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V05508.D

Level: (low/med) MED Date Received: 01/11/98

% Moisture: not dec. 18.5 Date Analyzed: 01/21/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-101

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4179 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4179.13

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V05508.D

Level: (low/med) MED Date Received: 01/11/98

% Moisture: not dec. 18.5 Date Analyzed: 01/21/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-101

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4179 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4179.13

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V05508.D

Level: (low/med) MED Date Received: 01/11/98

% Moisture: not dec. 18.5 Date Analyzed: 01/21/99

GC Column: RTX502 ID: 0.32 (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-102

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4179 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4179.15

Sample wt/vol: 9.7 (g/ml) G Lab File ID: V05509.D

Level: (low/med) MED Date Received: 01/11/98

% Moisture: not dec. 12.01 Date Analyzed: 01/21/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-102

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4179 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4179.15

Sample wt/vol: 9.7 (g/ml) G Lab File ID: V05509.D

Level: (low/med) MED Date Received: 01/11/98

% Moisture: not dec. 12.01 Date Analyzed: 01/21/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-102

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4179 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4179.15

Sample wt/vol: 9.7 (g/ml) G Lab File ID: V05509.D

Level: (low/med) MED Date Received: 01/11/98

% Moisture: not dec. 12.01 Date Analyzed: 01/21/99

GC Column: RTX502 ID: 0.32 (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-103

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4179 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4179.17

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V05510.D

Level: (low/med) MED Date Received: 01/11/98

% Moisture: not dec. 14.23 Date Analyzed: 01/21/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-103

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4179 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4179.17

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V05510.D

Level: (low/med) MED Date Received: 01/11/98

% Moisture: not dec. 14.23 Date Analyzed: 01/21/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-103

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4179 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4179.17

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V05510.D

Level: (low/med) MED Date Received: 01/11/98

% Moisture: not dec. 14.23 Date Analyzed: 01/21/99

GC Column: RTX502 ID: 0.32 (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-104

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4179 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4179.19

Sample wt/vol: 9.4 (g/ml) G Lab File ID: V05511.D

Level: (low/med) MED Date Received: 01/11/98

% Moisture: not dec. 14.37 Date Analyzed: 01/21/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-104

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4179 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4179.19

Sample wt/vol: 9.4 (g/ml) G Lab File ID: V05511.D

Level: (low/med) MED Date Received: 01/11/98

% Moisture: not dec. 14.37 Date Analyzed: 01/21/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-104

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4179 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4179.19

Sample wt/vol: 9.4 (g/ml) G Lab File ID: V05511.D

Level: (low/med) MED Date Received: 01/11/98

% Moisture: not dec. 14.37 Date Analyzed: 01/21/99

GC Column: RTX502 ID: 0.32 (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

000586

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-105

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4179 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4179.21

Sample wt/vol: 9.3 (g/ml) G Lab File ID: V05512.D

Level: (low/med) MED Date Received: 01/11/98

% Moisture: not dec. 17.31 Date Analyzed: 01/21/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-105

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4179 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4179.21

Sample wt/vol: 9.3 (g/ml) G Lab File ID: V05512.D

Level: (low/med) MED Date Received: 01/11/98

% Moisture: not dec. 17.31 Date Analyzed: 01/21/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-105

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4179 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4179.21

Sample wt/vol: 9.3 (g/ml) G Lab File ID: V05512.D

Level: (low/med) MED Date Received: 01/11/98

% Moisture: not dec. 17.31 Date Analyzed: 01/21/99

GC Column: RTX502 ID: 0.32 (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-106

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4179 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4179.23

Sample wt/vol: 9.2 (g/ml) G Lab File ID: V05513.D

Level: (low/med) MED Date Received: 01/11/98

% Moisture: not dec. 18.45 Date Analyzed: 01/21/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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	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-106

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4179 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4179.23

Sample wt/vol: 9.2 (g/ml) G Lab File ID: V05513.D

Level: (low/med) MED Date Received: 01/11/98

% Moisture: not dec. 18.45 Date Analyzed: 01/21/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-106

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4179 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4179.23

Sample wt/vol: 9.2 (g/ml) G Lab File ID: V05513.D

Level: (low/med) MED Date Received: 01/11/98

% Moisture: not dec. 18.45 Date Analyzed: 01/21/99

GC Column: RTX502 ID: 0.32 (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-107

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4184 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4184.03

Sample wt/vol: 9.2 (g/ml) G Lab File ID: V05515.D

Level: (low/med) MED Date Received: 01/12/99

% Moisture: not dec. 14.06 Date Analyzed: 01/21/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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	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	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-107

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4184 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4184.03

Sample wt/vol: 9.2 (g/ml) G Lab File ID: V05515.D

Level: (low/med) MED Date Received: 01/12/99

% Moisture: not dec. 14.06 Date Analyzed: 01/21/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-107

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4184 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4184.03

Sample wt/vol: 9.2 (g/ml) G Lab File ID: V05515.D

Level: (low/med) MED Date Received: 01/12/99

% Moisture: not dec. 14.06 Date Analyzed: 01/21/99

GC Column: RTX502 ID: 0.32 (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-108

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4184 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4184.05

Sample wt/vol: 9.6 (g/ml) G Lab File ID: V05545.D

Level: (low/med) MED Date Received: 01/12/99

% Moisture: not dec. 16 Date Analyzed: 01/25/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-108

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4184 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4184.05

Sample wt/vol: 9.6 (g/ml) G Lab File ID: V05545.D

Level: (low/med) MED Date Received: 01/12/99

% Moisture: not dec. 16 Date Analyzed: 01/25/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-108

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4184 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4184.05

Sample wt/vol: 9.6 (g/ml) G Lab File ID: V05545.D

Level: (low/med) MED Date Received: 01/12/99

% Moisture: not dec. 16 Date Analyzed: 01/25/99

GC Column: RTX502 ID: 0.32 (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-109

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4184 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4184.07

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V05546.D

Level: (low/med) MED Date Received: 01/12/99

% Moisture: not dec. 14.17 Date Analyzed: 01/25/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-109

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4184 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4184.07

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V05546.D

Level: (low/med) MED Date Received: 01/12/99

% Moisture: not dec. 14.17 Date Analyzed: 01/25/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-109

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4184 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4184.07

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V05546.D

Level: (low/med) MED Date Received: 01/12/99

% Moisture: not dec. 14.17 Date Analyzed: 01/25/99

GC Column: RTX502 ID: 0.32 (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-110

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4184 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4184.09

Sample wt/vol: 9.4 (g/ml) G Lab File ID: V05547.D

Level: (low/med) MED Date Received: 01/12/99

% Moisture: not dec. 14.51 Date Analyzed: 01/25/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-110

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4184 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4184.09

Sample wt/vol: 9.4 (g/ml) G Lab File ID: V05547.D

Level: (low/med) MED Date Received: 01/12/99

% Moisture: not dec. 14.51 Date Analyzed: 01/25/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-110

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4184 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4184.09

Sample wt/vol: 9.4 (g/ml) G Lab File ID: V05547.D

Level: (low/med) MED Date Received: 01/12/99

% Moisture: not dec. 14.51 Date Analyzed: 01/25/99

GC Column: RTX502 ID: 0.32 (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-111

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4184 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4184.11

Sample wt/vol: 9.7 (g/ml) G Lab File ID: V05548.D

Level: (low/med) MED Date Received: 01/12/99

% Moisture: not dec. 9.79 Date Analyzed: 01/25/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-111

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4184 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4184.11

Sample wt/vol: 9.7 (g/ml) G Lab File ID: V05548.D

Level: (low/med) MED Date Received: 01/12/99

% Moisture: not dec. 9.79 Date Analyzed: 01/25/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-111

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4184 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4184.11

Sample wt/vol: 9.7 (g/ml) G Lab File ID: V05548.D

Level: (low/med) MED Date Received: 01/12/99

% Moisture: not dec. 9.79 Date Analyzed: 01/25/99

GC Column: RTX502 ID: 0.32 (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-112

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4184 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4184.13

Sample wt/vol: 9.4 (g/ml) G Lab File ID: V05549.D

Level: (low/med) MED Date Received: 01/12/99

% Moisture: not dec. 5.96 Date Analyzed: 01/25/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-112

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4184 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4184.13

Sample wt/vol: 9.4 (g/ml) G Lab File ID: V05549.D

Level: (low/med) MED Date Received: 01/12/99

% Moisture: not dec. 5.96 Date Analyzed: 01/25/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-112

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4184 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4184.13

Sample wt/vol: 9.4 (g/ml) G Lab File ID: V05549.D

Level: (low/med) MED Date Received: 01/12/99

% Moisture: not dec. 5.96 Date Analyzed: 01/25/99

GC Column: RTX502 ID: 0.32 (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-113

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4189 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4189.03

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V05551.D

Level: (low/med) MED Date Received: 01/13/99

% Moisture: not dec. 15.14 Date Analyzed: 01/25/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-113

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4189 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4189.03

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V05551.D

Level: (low/med) MED Date Received: 01/13/99

% Moisture: not dec. 15.14 Date Analyzed: 01/25/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-113

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4189 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4189.03

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V05551.D

Level: (low/med) MED Date Received: 01/13/99

% Moisture: not dec. 15.14 Date Analyzed: 01/25/99

GC Column: RTX502 ID: 0.32 (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-114

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4189 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4189.05

Sample wt/vol: 10.3 (g/ml) G Lab File ID: V05552.D

Level: (low/med) MED Date Received: 01/13/99

% Moisture: not dec. 17.45 Date Analyzed: 01/25/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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	890	U
108203	Di-isopropyl ether	590	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	300	U
75-01-4	Vinyl Chloride	890	U
74-83-9	Bromomethane	590	U
75-00-3	Chloroethane	890	U
75-69-4	Trichlorofluoromethane	590	U
75-35-4	1,1-Dichloroethene	300	U
67-64-1	Acetone	590	U
75-15-0	Carbon Disulfide	300	U
75-09-2	Methylene Chloride	590	U
156-60-5	trans-1,2-Dichloroethene	590	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	590	U
71-43-2	Benzene	300	U
107-06-2	1,2-Dichloroethane	590	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	590	U
10061-01-5	cis-1,3-Dichloropropene	300	U
108-10-1	4-Methyl-2-Pentanone	590	U
108-88-3	Toluene	300	U
10061-02-6	trans-1,3-Dichloropropene	590	U
79-00-5	1,1,2-Trichloroethane	590	U
127-18-4	Tetrachloroethene	300	U
591-78-6	2-Hexanone	590	U
126-48-1	Dibromochloromethane	590	U
108-90-7	Chlorobenzene	300	U
100-41-4	Ethylbenzene	590	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-114

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4189 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4189.05

Sample wt/vol: 10.3 (g/ml) G Lab File ID: V05552.D

Level: (low/med) MED Date Received: 01/13/99

% Moisture: not dec. 17.45 Date Analyzed: 01/25/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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	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-114

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4189 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4189.05

Sample wt/vol: 10.3 (g/ml) G Lab File ID: V05552.D

Level: (low/med) MED Date Received: 01/13/99

% Moisture: not dec. 17.45 Date Analyzed: 01/25/99

GC Column: RTX502 ID: 0.32 (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-115

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4189 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4189.07

Sample wt/vol: 9.5 (g/ml) G Lab File ID: V05553.D

Level: (low/med) MED Date Received: 01/13/99

% Moisture: not dec. 6.1 Date Analyzed: 01/25/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-115

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4189 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4189.07

Sample wt/vol: 9.5 (g/ml) G Lab File ID: V05553.D

Level: (low/med) MED Date Received: 01/13/99

% Moisture: not dec. 6.1 Date Analyzed: 01/25/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-115

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4189 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4189.07

Sample wt/vol: 9.5 (g/ml) G Lab File ID: V05553.D

Level: (low/med) MED Date Received: 01/13/99

% Moisture: not dec. 6.1 Date Analyzed: 01/25/99

GC Column: RTX502 ID: 0.32 (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-116

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4189 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4189.09

Sample wt/vol: 9.4 (g/ml) G Lab File ID: V05554.D

Level: (low/med) MED Date Received: 01/13/99

% Moisture: not dec. 16.02 Date Analyzed: 01/25/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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	320	U
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-116

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4189 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4189.09

Sample wt/vol: 9.4 (g/ml) G Lab File ID: V05554.D

Level: (low/med) MED Date Received: 01/13/99

% Moisture: not dec. 16.02 Date Analyzed: 01/25/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-116

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4189 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4189.09

Sample wt/vol: 9.4 (g/ml) G Lab File ID: V05554.D

Level: (low/med) MED Date Received: 01/13/99

% Moisture: not dec. 16.02 Date Analyzed: 01/25/99

GC Column: RTX502 ID: 0.32 (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-117

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4189 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4189.11

Sample wt/vol: 9.3 (g/ml) G Lab File ID: V05555.D

Level: (low/med) MED Date Received: 01/13/99

% Moisture: not dec. 5.74 Date Analyzed: 01/25/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-117

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4189 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4189.11

Sample wt/vol: 9.3 (g/ml) G Lab File ID: V05555.D

Level: (low/med) MED Date Received: 01/13/99

% Moisture: not dec. 5.74 Date Analyzed: 01/25/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-117

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4189 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4189.11

Sample wt/vol: 9.3 (g/ml) G Lab File ID: V05555.D

Level: (low/med) MED Date Received: 01/13/99

% Moisture: not dec. 5.74 Date Analyzed: 01/25/99

GC Column: RTX502 ID: 0.32 (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-118

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4189 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4189.13

Sample wt/vol: 9.5 (g/ml) G Lab File ID: V05556.D

Level: (low/med) MED Date Received: 01/13/99

% Moisture: not dec. 11.78 Date Analyzed: 01/25/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-118

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4189 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4189.13

Sample wt/vol: 9.5 (g/ml) G Lab File ID: V05556.D

Level: (low/med) MED Date Received: 01/13/99

% Moisture: not dec. 11.78 Date Analyzed: 01/25/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-118

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4189 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4189.13

Sample wt/vol: 9.5 (g/ml) G Lab File ID: V05556.D

Level: (low/med) MED Date Received: 01/13/99

% Moisture: not dec. 11.78 Date Analyzed: 01/25/99

GC Column: RTX502 ID: 0.32 (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-119

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4189 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4189.15

Sample wt/vol: 10.4 (g/ml) G Lab File ID: V05557.D

Level: (low/med) MED Date Received: 01/13/99

% Moisture: not dec. 6.85 Date Analyzed: 01/25/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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-119

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4189 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4189.15

Sample wt/vol: 10.4 (g/ml) G Lab File ID: V05557.D

Level: (low/med) MED Date Received: 01/13/99

% Moisture: not dec. 6.85 Date Analyzed: 01/25/99

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

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

000630

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID

B-119

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4189 Location M-14 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4189.15

Sample wt/vol: 10.4 (g/ml) G Lab File ID: V05557.D

Level: (low/med) MED Date Received: 01/13/99

% Moisture: not dec. 6.85 Date Analyzed: 01/25/99

GC Column: RTX502 ID: 0.32 (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.

Sblk186

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4156 Location: M-14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk186

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA01758.D

Level: (low/med) LOW Date Received: 12/23/98

% Moisture: 0 decanted:(Y/N) N Date Extracted: 12/29/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/30/98

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	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.

Sblk186

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4156 Location: M-14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk186

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA01758.D

Level: (low/med) LOW Date Received: 12/23/98

% Moisture: 0 decanted:(Y/N) N Date Extracted: 12/29/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/30/98

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	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	900	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	100	J
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.

Sblk186

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4156 Location: M-14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk186

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA01758.D

Level: (low/med) LOW Date Received: 12/23/98

% Moisture: 0 decanted: (Y/N) N Date Extracted: 12/29/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/30/98

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. 000541-02-6	Cyclopentasiloxane, decamethyl-	9.76	1300	JN
2. 000540-97-6	Cyclohexasiloxane, dodecamethy	12.21	900	JN
3. 000112-88-9	1-Octadecene	24.01	2100	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **SBLK187**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4160 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK187

Sample wt/vol: 10 (g/ml) G Lab File ID: BN02623.D

Level: (low/med) LOW Date Received: 12/29/98

% Moisture: 0 decanted:(Y/N) N Date Extracted: 12/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/12/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		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: **SBLK187**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4160 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK187

Sample wt/vol: 10 (g/ml) G Lab File ID: BN02623.D

Level: (low/med) LOW Date Received: 12/29/98

% Moisture: 0 decanted:(Y/N) N Date Extracted: 12/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/12/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

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	1300	
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: **SBLK187**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4160 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK187

Sample wt/vol: 10 (g/ml) G Lab File ID: BN02623.D

Level: (low/med) LOW Date Received: 12/29/98

% Moisture: 0 decanted: (Y/N) N Date Extracted: 12/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/12/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 2

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-64-0	1,2-Benzenedicarboxylic acid, but	18.83	1500	JN
2. 000629-96-9	1-Eicosanol	24.24	2200	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **SBLK188**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4162 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK188

Sample wt/vol: 10 (g/ml) G Lab File ID: BN02625.D

Level: (low/med) LOW Date Received: 12/30/98

% Moisture: 0 decanted:(Y/N) N Date Extracted: 1/4/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/12/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

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: **SBLK188**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4162 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK188

Sample wt/vol: 10 (g/ml) G Lab File ID: BN02625.D

Level: (low/med) LOW Date Received: 12/30/98

% Moisture: 0 decanted:(Y/N) N Date Extracted: 1/4/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/12/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

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	1400	
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	110	J
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: **SBLK188**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4162 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK188

Sample wt/vol: 10 (g/ml) G Lab File ID: BN02625.D

Level: (low/med) LOW Date Received: 12/30/98

% Moisture: 0 decanted: (Y/N) N Date Extracted: 1/4/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/12/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 4

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	12.90	1100	J
2. 000109-21-7	Butanoic acid, butyl ester	13.18	1300	JN
3.	unknown	18.84	2600	J
4. 001454-84-8	1-Nonadecanol	24.24	3500	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **SBLK189**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4169 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK189

Sample wt/vol: 10 (g/ml) G Lab File ID: BN02627.D

Level: (low/med) LOW Date Received: 1/5/99

% Moisture: 0 decanted:(Y/N) N Date Extracted: 1/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/12/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		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: **SBLK189**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4169 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK189

Sample wt/vol: 10 (g/ml) G Lab File ID: BN02627.D

Level: (low/med) LOW Date Received: 1/5/99

% Moisture: 0 decanted:(Y/N) N Date Extracted: 1/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/12/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

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	320	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	100	J
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: **SBLK189**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4169 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK189

Sample wt/vol: 10 (g/ml) G Lab File ID: BN02627.D

Level: (low/med) LOW Date Received: 1/5/99

% Moisture: 0 decanted: (Y/N) N Date Extracted: 1/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/12/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 2

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000112-92-5	1-Octadecanol	24.24	5000	JN
2. 000661-19-8	1-Docosanol	28.48	1400	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **SBLK190**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4169 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK190

Sample wt/vol: 10 (g/ml) G Lab File ID: BN02629.D

Level: (low/med) LOW Date Received: 1/5/99

% Moisture: 0 decanted:(Y/N) N Date Extracted: 1/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/12/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

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: **SBLK190**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4169 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK190

Sample wt/vol: 10 (g/ml) G Lab File ID: BN02629.D

Level: (low/med) LOW Date Received: 1/5/99

% Moisture: 0 decanted:(Y/N) N Date Extracted: 1/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/12/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

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	690	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: **SBLK190**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4169 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK190

Sample wt/vol: 10 (g/ml) G Lab File ID: BN02629.D

Level: (low/med) LOW Date Received: 1/5/99

% Moisture: 0 decanted: (Y/N) N Date Extracted: 1/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/12/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 3 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-64-0	1,2-Benzenedicarboxylic acid, but	18.85	5300	JN
2. 000112-92-5	1-Octadecanol	24.24	4800	JN
3. 000629-96-9	1-Eicosanol	28.48	1300	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **SBLK191**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4177 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK191

Sample wt/vol: 10 (g/ml) G Lab File ID: BN02645.D

Level: (low/med) LOW Date Received: 1/7/99

% Moisture: 0 decanted:(Y/N) N Date Extracted: 1/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/19/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		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: **SBLK191**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4177 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK191

Sample wt/vol: 10 (g/ml) G Lab File ID: BN02645.D

Level: (low/med) LOW Date Received: 1/7/99

% Moisture: 0 decanted:(Y/N) N Date Extracted: 1/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/19/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

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	310	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: **SBLK191**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4177 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK191

Sample wt/vol: 10 (g/ml) G Lab File ID: BN02645.D

Level: (low/med) LOW Date Received: 1/7/99

% Moisture: 0 decanted: (Y/N) N Date Extracted: 1/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/19/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

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	24.15	3500	JN
2. 006624-79-9	1-Dotriacontanol	28.40	900	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Sblk193

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4173 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk193

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA01988.D

Level: (low/med) LOW Date Received: 01/06/99

% Moisture: 0 decanted:(Y/N) N Date Extracted: 01/07/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/21/99

Injection Volume: 1.0 (uL) 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.

Sblk193

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4173 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk193

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA01988.D

Level: (low/med) LOW Date Received: 01/06/99

% Moisture: 0 decanted:(Y/N) N Date Extracted: 01/07/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/21/99

Injection Volume: 1.0 (uL) 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	240	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.

Sblk193

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4173 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk193

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA01988.D

Level: (low/med) LOW Date Received: 01/06/99

% Moisture: 0 decanted: (Y/N) N Date Extracted: 01/07/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/21/99

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	23.89	1400	JN

FIELD DUPLICATES

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **Field Dup**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4160 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4160.22

Sample wt/vol: 10.2 (g/ml) G Lab File ID: BN02649.D

Level: (low/med) LOW Date Received: 12/29/98

% Moisture: 14.61 decanted:(Y/N) N Date Extracted: 12/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/19/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		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: **Field Dup**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4160 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4160.22

Sample wt/vol: 10.2 (g/ml) G Lab File ID: BN02649.D

Level: (low/med) LOW Date Received: 12/29/98

% Moisture: 14.61 decanted:(Y/N) N Date Extracted: 12/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/19/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		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	1300	B
206-44-0	Fluoranthene	1200	U
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	1200	U
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	120	J
117-81-7	bis(2-Ethylhexyl)phthalate	120	J
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: **Field Dup**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4160 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4160.22

Sample wt/vol: 10.2 (g/ml) G Lab File ID: BN02649.D

Level: (low/med) LOW Date Received: 12/29/98

% Moisture: 14.61 decanted: (Y/N) N Date Extracted: 12/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/19/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 25

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000629-80-1	Hexadecanal	29.29	3700	JN
2. 000630-02-4	Octacosane	29.61	960	JN
3. 000506-52-5	1-Hexacosanol	29.70	1600	JN
4.	unknown	29.82	1900	J
5. 000514-07-8	D-Friedoolean-14-en-3-one	29.97	2400	JN
6.	unknown	30.48	1100	J
7. 007390-81-0	Oxirane, hexadecyl-	30.78	1200	JN
8.	unknown	12.80	920	J
9. 000109-21-7	Butanoic acid, butyl ester	13.08	1200	JN
10.	unknown	17.27	1300	J
11.	unknown	17.40	940	J
12.	unknown	18.74	2500	J
13. 001599-67-3	1-Docosene	24.16	7400	JN
14. 000112-85-6	Docosanoic acid	24.73	1100	JN
15. 040710-42-7	1-Hentetracontanol	25.67	6000	JN
16. 000506-12-7	Heptadecanoic acid	26.22	4100	JN
17.	unknown	26.38	1200	J
18. 000638-66-4	Octadecanal	26.67	2900	JN
19. 006971-40-0	17-Pentatriacontene	27.08	6300	JN
20.	unknown	27.59	2600	J
21. 056554-90-6	13-Octadecenal	28.01	3500	JN
22. 000593-45-3	Octadecane	28.36	3100	JN
23. 000629-96-9	1-Eicosanol	28.41	4300	JN
24.	unknown	28.52	1500	J
25. 000057-11-4	Octadecanoic acid	28.88	1200	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Field Dup

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4164 Location: M-14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4164.20

Sample wt/vol: 10.13 (g/ml) G Lab File ID: BNA01906.D

Level: (low/med) LOW Date Received: 12/31/98

% Moisture: 14.2 decanted:(Y/N) N Date Extracted: 01/04/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/13/99

Injection Volume: 1.0 (uL) 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.

Field Dup

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4164 Location: M-14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4164.20

Sample wt/vol: 10.13 (g/ml) G Lab File ID: BNA01906.D

Level: (low/med) LOW Date Received: 12/31/98

% Moisture: 14.2 decanted:(Y/N) N Date Extracted: 01/04/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/13/99

Injection Volume: 1.0 (uL) 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	330	JB
206-44-0	Fluoranthene	1200	U
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	1200	U
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.

Field Dup

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4164 Location: M-14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4164.20

Sample wt/vol: 10.13 (g/ml) G Lab File ID: BNA01906.D

Level: (low/med) LOW Date Received: 12/31/98

% Moisture: 14.2 decanted: (Y/N) N Date Extracted: 01/04/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/13/99

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	18.48	2000	JN
2. 000112-88-9	1-Octadecene	23.93	3100	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Field Dup

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4169 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4169.38

Sample wt/vol: 10.54 (g/ml) G Lab File ID: BNA01938.D

Level: (low/med) LOW Date Received: 01/05/99

% Moisture: 14.93 decanted:(Y/N) N Date Extracted: 01/07/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/15/99

Injection Volume: 1.0 (uL) 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.

Field Dup

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4169 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4169.38

Sample wt/vol: 10.54 (g/ml) G Lab File ID: BNA01938.D

Level: (low/med) LOW Date Received: 01/05/99

% Moisture: 14.93 decanted:(Y/N) N Date Extracted: 01/07/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/15/99

Injection Volume: 1.0 (uL) 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	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	360	JB
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
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

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **Dupe.**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4177 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4177.20

Sample wt/vol: 10.12 (g/ml) G Lab File ID: BN02661.D

Level: (low/med) LOW Date Received: 1/7/99

% Moisture: 13.82 decanted:(Y/N) N Date Extracted: 1/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/20/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

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: **Dupe.**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4177 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4177.20

Sample wt/vol: 10.12 (g/ml) G Lab File ID: BN02661.D

Level: (low/med) LOW Date Received: 1/7/99

% Moisture: 13.82 decanted:(Y/N) N Date Extracted: 1/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/20/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		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	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	830	JB
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
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: **Dupe.**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4177 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4177.20

Sample wt/vol: 10.12 (g/ml) G Lab File ID: BN02661.D

Level: (low/med) LOW Date Received: 1/7/99

% Moisture: 13.82 decanted: (Y/N) N Date Extracted: 1/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/20/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 9 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-64-0	1,2-Benzenedicarboxylic acid, but	18.73	1500	JN
2. 001454-84-8	1-Nonadecanol	24.16	7300	JN
3. 006971-40-0	17-Pentatriacontene	25.66	1800	JN
4. 006624-79-9	1-Dotriacontanol	27.07	1700	JN
5. 013287-24-6	Nonadecane, 9-methyl-	28.34	1100	JN
6. 000629-96-9	1-Eicosanol	28.40	3500	JN
7. 000629-80-1	Hexadecanal	29.27	1100	JN
8. 004630-07-3	Naphthalene, 1,2,3,5,6,7,8,8a-oct	29.43	1500	JN
9. 000506-52-5	1-Hexacosanol	29.69	1600	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Field Dup

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4189 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4189.16

Sample wt/vol: 10.12 (g/ml) G Lab File ID: BNA02005.D

Level: (low/med) LOW Date Received: 01/13/99

% Moisture: 8.37 decanted:(Y/N) N Date Extracted: 01/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/22/99

Injection Volume: 1.0 (uL) 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.

Field Dup

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4189 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4189.16

Sample wt/vol: 10.12 (g/ml) G Lab File ID: BNA02005.D

Level: (low/med) LOW Date Received: 01/13/99

% Moisture: 8.37 decanted:(Y/N) N Date Extracted: 01/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/22/99

Injection Volume: 1.0 (uL) 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	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	1200	B
206-44-0	Fluoranthene	200	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	150	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.

Field Dup

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4189 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4189.16

Sample wt/vol: 10.12 (g/ml) G Lab File ID: BNA02005.D

Level: (low/med) LOW Date Received: 01/13/99

% Moisture: 8.37 decanted: (Y/N) N Date Extracted: 01/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/22/99

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	18.41	950	JN
2.	unknown	23.32	2600	J
3. 074685-30-6	5-Eicosene, (E)-	23.87	2000	JN

SAMPLES

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-1

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4156 Location: M-14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4156.02

Sample wt/vol: 10.12 (g/ml) G Lab File ID: BNA01845.D

Level: (low/med) LOW Date Received: 12/23/98

% Moisture: 9.63 decanted:(Y/N) N Date Extracted: 12/29/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/07/99

Injection Volume: 1.0 (uL) 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.

B-1

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4156 Location: M-14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4156.02

Sample wt/vol: 10.12 (g/ml) G Lab File ID: BNA01845.D

Level: (low/med) LOW Date Received: 12/23/98

% Moisture: 9.63 decanted:(Y/N) N Date Extracted: 12/29/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/07/99

Injection Volume: 1.0 (uL) 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	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	660	JB
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
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	230	JB
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.

B-1

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4156 Location: M-14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4156.02

Sample wt/vol: 10.12 (g/ml) G Lab File ID: BNA01845.D

Level: (low/med) LOW Date Received: 12/23/98

% Moisture: 9.63 decanted: (Y/N) N Date Extracted: 12/29/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/07/99

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. 000541-02-6	Cyclopentasiloxane, decamethyl-	9.74	2300	JN
2. 000540-97-6	Cyclohexasiloxane, dodecamethy	12.20	2000	JN
3. 074685-33-9	3-Eicosene, (E)-	24.00	2600	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-2

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4156 Location: M-14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4156.04

Sample wt/vol: 10.02 (g/ml) G Lab File ID: BNA01884.D

Level: (low/med) LOW Date Received: 12/23/98

% Moisture: 7.74 decanted:(Y/N) N Date Extracted: 12/29/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/11/99

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	110	J
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	380	J
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-2

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4156 Location: M-14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4156.04

Sample wt/vol: 10.02 (g/ml) G Lab File ID: BNA01884.D

Level: (low/med) LOW Date Received: 12/23/98

% Moisture: 7.74 decanted:(Y/N) N Date Extracted: 12/29/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/11/99

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	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	270	J
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	1900	
120-12-7	Anthracene	300	J
84-74-2	Di-n-butylphthalate	370	JB
206-44-0	Fluoranthene	1600	
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	2200	
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	880	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1200	
117-81-7	bis(2-Ethylhexyl)phthalate	110	JB
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	720	J
207-08-9	Benzo[k]fluoranthene	610	J
50-32-8	Benzo[a]pyrene	830	J
193-39-5	Indeno[1,2,3-cd]pyrene	270	J
53-70-3	Dibenz[a,h]anthracene	110	J
191-24-2	Benzo[g,h,i]perylene	340	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-2

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4156 Location: M-14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4156.04

Sample wt/vol: 10.02 (g/ml) G Lab File ID: BNA01884.D

Level: (low/med) LOW Date Received: 12/23/98

% Moisture: 7.74 decanted: (Y/N) N Date Extracted: 12/29/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/11/99

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. 000541-02-6	Cyclopentasiloxane, decamethyl-	9.70	2400	JN
2. 000540-97-6	Cyclohexasiloxane, dodecamethy	12.16	1900	JN
3. 074685-30-6	5-Eicosene, (E)-	23.96	2700	JN
4. 000629-96-9	1-Eicosanol	25.48	2300	JN
5. 000638-66-4	Octadecanal	26.47	890	JN
6. 000000-00-0	1-Hexacosanal	27.83	1100	JN
7. 000629-80-1	Hexadecanal	29.10	1100	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-3

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4156 Location: M-14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4156.06

Sample wt/vol: 10.08 (g/ml) G Lab File ID: BNA01908.D

Level: (low/med) LOW Date Received: 12/23/98

% Moisture: 10.16 decanted:(Y/N) N Date Extracted: 12/29/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/13/99

Injection Volume: 1.0 (uL) 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	130	J
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	120	J
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	890	J
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-3

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4156 Location: M-14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4156.06

Sample wt/vol: 10.08 (g/ml) G Lab File ID: BNA01908.D

Level: (low/med) LOW Date Received: 12/23/98

% Moisture: 10.16 decanted:(Y/N) N Date Extracted: 12/29/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/13/99

Injection Volume: 1.0 (uL) 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	680	J
120-12-7	Anthracene	290	J
84-74-2	Di-n-butylphthalate	830	JB
206-44-0	Fluoranthene	790	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1300	
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	660	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	990	J
117-81-7	bis(2-Ethylhexyl)phthalate	160	JB
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	620	J
207-08-9	Benzo[k]fluoranthene	730	J
50-32-8	Benzo[a]pyrene	1000	J
193-39-5	Indeno[1,2,3-cd]pyrene	380	J
53-70-3	Dibenz[a,h]anthracene	140	J
191-24-2	Benzo[g,h,i]perylene	660	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-3

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4156 Location: M-14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4156.06

Sample wt/vol: 10.08 (g/ml) G Lab File ID: BNA01908.D

Level: (low/med) LOW Date Received: 12/23/98

% Moisture: 10.16 decanted: (Y/N) N Date Extracted: 12/29/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/13/99

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. 000541-02-6	Cyclopentasiloxane, decamethyl-	9.68	1200	JN
2. 000540-97-6	Cyclohexasiloxane, dodecamethy	12.14	940	JN
3. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.47	890	JN
4. 074685-33-9	3-Eicosene, (E)-	23.93	1900	JN

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-4

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4156 Location: M-14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4156.08

Sample wt/vol: 10.25 (g/ml) G Lab File ID: BNA01871.D

Level: (low/med) LOW Date Received: 12/23/98

% Moisture: 8.62 decanted:(Y/N) N Date Extracted: 12/29/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/11/99

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.

B-4

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4156 Location: M-14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4156.08

Sample wt/vol: 10.25 (g/ml) G Lab File ID: BNA01871.D

Level: (low/med) LOW Date Received: 12/23/98

% Moisture: 8.62 decanted:(Y/N) N Date Extracted: 12/29/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/11/99

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	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	110	J
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	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	1400	B
206-44-0	Fluoranthene	150	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	150	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	130	JB
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.

B-4

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4156 Location: M-14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4156.08

Sample wt/vol: 10.25 (g/ml) G Lab File ID: BNA01871.D

Level: (low/med) LOW Date Received: 12/23/98

% Moisture: 8.62 decanted: (Y/N) N Date Extracted: 12/29/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/11/99

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. 000541-02-6	Cyclopentasiloxane, decamethyl-	9.70	2000	JN
2. 000540-97-6	Cyclohexasiloxane, dodecamethy	12.16	1400	JN
3. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.48	1400	JN
4. 000629-96-9	1-Eicosanol	23.95	1900	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-5

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4156 Location: M-14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4156.10

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA01872.D

Level: (low/med) LOW Date Received: 12/23/98

% Moisture: 15.29 decanted:(Y/N) N Date Extracted: 12/29/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/11/99

Injection Volume: 1.0 (uL) 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.

B-5

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4156 Location: M-14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4156.10

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA01872.D

Level: (low/med) LOW Date Received: 12/23/98

% Moisture: 15.29 decanted:(Y/N) N Date Extracted: 12/29/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/11/99

Injection Volume: 1.0 (uL) 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	400	JB
206-44-0	Fluoranthene	130	J
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	130	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.

B-5

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4156 Location: M-14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4156.10

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA01872.D

Level: (low/med) LOW Date Received: 12/23/98

% Moisture: 15.29 decanted: (Y/N) N Date Extracted: 12/29/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/11/99

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. 000541-02-6	Cyclopentasiloxane, decamethyl-	9.70	1900	JN
2.	unknown	12.15	1200	J
3. 000629-96-9	1-Eicosanol	23.95	2600	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-6

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4156 Location: M-14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4156.12

Sample wt/vol: 10.13 (g/ml) G Lab File ID: BNA01873.D

Level: (low/med) LOW Date Received: 12/23/98

% Moisture: 14.46 decanted:(Y/N) N Date Extracted: 12/29/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/11/99

Injection Volume: 1.0 (uL) 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	120	J
606-20-2	2,6-Dinitrotoluene	1200	U
99-09-2	3-Nitroaniline	1200	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-6

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4156 Location: M-14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4156.12

Sample wt/vol: 10.13 (g/ml) G Lab File ID: BNA01873.D

Level: (low/med) LOW Date Received: 12/23/98

% Moisture: 14.46 decanted:(Y/N) N Date Extracted: 12/29/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/11/99

Injection Volume: 1.0 (uL) 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	140	J
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	1600	B
206-44-0	Fluoranthene	220	J
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	300	J
85-68-7	Butylbenzylphthalate	1200	U
56-55-3	Benzo[a]anthracene	170	J
91-94-1	3,3'-Dichlorobenzidine	1200	U
218-01-9	Chrysene	240	J
117-81-7	bis(2-Ethylhexyl)phthalate	170	JB
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo[b]fluoranthene	180	J
207-08-9	Benzo[k]fluoranthene	200	J
50-32-8	Benzo[a]pyrene	270	J
193-39-5	Indeno[1,2,3-cd]pyrene	130	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.

B-6

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4156 Location: M-14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4156.12

Sample wt/vol: 10.13 (g/ml) G Lab File ID: BNA01873.D

Level: (low/med) LOW Date Received: 12/23/98

% Moisture: 14.46 decanted: (Y/N) N Date Extracted: 12/29/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/11/99

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. 000541-02-6	Cyclopentasiloxane, decamethyl-	9.70	2500	JN
2.	unknown	12.16	2300	J
3. 017851-53-5	1,2-Benzenedicarboxylic acid, but	18.48	1100	JN
4. 074685-33-9	3-Eicosene, (E)-	23.95	2000	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-7

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4159 Location: M-14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4159.02

Sample wt/vol: 10.07 (g/ml) G Lab File ID: BNA01874.D

Level: (low/med) LOW Date Received: 12/28/98

% Moisture: 12.5 decanted:(Y/N) N Date Extracted: 12/29/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/11/99

Injection Volume: 1.0 (uL) 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.

B-7

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4159 Location: M-14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4159.02

Sample wt/vol: 10.07 (g/ml) G Lab File ID: BNA01874.D

Level: (low/med) LOW Date Received: 12/28/98

% Moisture: 12.5 decanted:(Y/N) N Date Extracted: 12/29/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/11/99

Injection Volume: 1.0 (uL) 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	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	2700	B
206-44-0	Fluoranthene	120	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	150	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	130	J
117-81-7	bis(2-Ethylhexyl)phthalate	110	JB
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.

B-7

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4159 Location: M-14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4159.02

Sample wt/vol: 10.07 (g/ml) G Lab File ID: BNA01874.D

Level: (low/med) LOW Date Received: 12/28/98

% Moisture: 12.5 decanted: (Y/N) N Date Extracted: 12/29/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/11/99

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. 000541-02-6	Cyclopentasiloxane, decamethyl-	9.70	1900	JN
2. 000540-97-6	Cyclohexasiloxane, dodecamethy	12.16	2200	JN
3. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.49	2000	JN
4. 074685-33-9	3-Eicosene, (E)-	23.95	2200	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-8

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4159 Location: M-14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4159.04

Sample wt/vol: 10.11 (g/ml) G Lab File ID: BNA01916.D

Level: (low/med) LOW Date Received: 12/28/98

% Moisture: 9.48 decanted:(Y/N) N Date Extracted: 12/29/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/14/99

Injection Volume: 1.0 (uL) 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	
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	
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	
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-8

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4159 Location: M-14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4159.04

Sample wt/vol: 10.11 (g/ml) G Lab File ID: BNA01916.D

Level: (low/med) LOW Date Received: 12/28/98

% Moisture: 9.48 decanted:(Y/N) N Date Extracted: 12/29/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/14/99

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	240	J
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	110	J
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	1000	J
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	8400	
120-12-7	Anthracene	1000	J
84-74-2	Di-n-butylphthalate	1700	B
206-44-0	Fluoranthene	4300	
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	6600	
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	2400	
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	3600	
117-81-7	bis(2-Ethylhexyl)phthalate	130	JB
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1200	
207-08-9	Benzo[k]fluoranthene	1600	
50-32-8	Benzo[a]pyrene	2000	
193-39-5	Indeno[1,2,3-cd]pyrene	630	J
53-70-3	Dibenz[a,h]anthracene	270	J
191-24-2	Benzo[g,h,i]perylene	990	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-8

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4159 Location: M-14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4159.04

Sample wt/vol: 10.11 (g/ml) G Lab File ID: BNA01916.D

Level: (low/med) LOW Date Received: 12/28/98

% Moisture: 9.48 decanted: (Y/N) N Date Extracted: 12/29/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/14/99

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. 000541-02-6	Cyclopentasiloxane, decamethyl-	9.67	2300	JN
2. 000091-57-6	Naphthalene, 2-methyl-	11.95	1400	JN
3. 000540-97-6	Cyclohexasiloxane, dodecamethy	12.13	2600	JN
4. 000575-41-7	Naphthalene, 1,3-dimethyl-	13.39	1000	JN
5. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.47	1400	JN
6. 002531-84-2	Phenanthrene, 2-methyl-	18.78	2700	JN
7. 000832-69-9	Phenanthrene, 1-methyl-	18.84	3100	JN
8. 000832-64-4	Phenanthrene, 4-methyl-	19.03	1900	JN
9. 000613-12-7	Anthracene, 2-methyl-	19.08	2200	JN
10. 000781-43-1	9,10-Dimethylanthracene	20.13	2100	JN
11. 002381-21-7	Pyrene, 1-methyl-	21.96	1100	JN
12. 001454-84-8	1-Nonadecanol	23.93	1300	JN
13. 000629-62-9	Pentadecane	25.46	2500	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-9

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4159 Location: M-14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4159.06

Sample wt/vol: 10.02 (g/ml) G Lab File ID: BNA01875.D

Level: (low/med) LOW Date Received: 12/28/98

% Moisture: 13.52 decanted:(Y/N) N Date Extracted: 12/29/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/11/99

Injection Volume: 1.0 (uL) 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.

B-9

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4159 Location: M-14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4159.06

Sample wt/vol: 10.02 (g/ml) G Lab File ID: BNA01875.D

Level: (low/med) LOW Date Received: 12/28/98

% Moisture: 13.52 decanted:(Y/N) N Date Extracted: 12/29/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/11/99

Injection Volume: 1.0 (uL) 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	120	J
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	19000	EB
206-44-0	Fluoranthene	1200	U
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	1200	U
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	120	JB
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.

B-9

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4159 Location: M-14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4159.06

Sample wt/vol: 10.02 (g/ml) G Lab File ID: BNA01875.D

Level: (low/med) LOW Date Received: 12/28/98

% Moisture: 13.52 decanted: (Y/N) N Date Extracted: 12/29/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/11/99

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. 000541-02-6	Cyclopentasiloxane, decamethyl-	9.70	1900	JN
2. 000540-97-6	Cyclohexasiloxane, dodecamethy	12.16	2300	JN
3. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.49	1900	JN
4. 074685-33-9	3-Eicosene, (E)-	23.95	2300	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-9

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4159 Location: M-14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4159.06 (1:10)

Sample wt/vol: 10.02 (g/ml) G Lab File ID: BNA01876.D

Level: (low/med) LOW Date Received: 12/28/98

% Moisture: 13.52 decanted:(Y/N) N Date Extracted: 12/29/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/11/99

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	12000	U
62-75-9	N-nitroso-dimethylamine	12000	U
62-53-3	Aniline	12000	U
108-95-2	Phenol	12000	U
111-44-4	bis(2-Chloroethyl)ether	12000	U
95-57-8	2-Chlorophenol	12000	U
541-73-1	1,3-Dichlorobenzene	12000	U
106-46-7	1,4-Dichlorobenzene	12000	U
100-51-6	Benzyl alcohol	12000	U
95-50-1	1,2-Dichlorobenzene	12000	U
	2-Methylphenol	12000	U
108-60-1	bis(2-chloroisopropyl)ether	12000	U
	4-Methylphenol	12000	U
621-64-7	n-Nitroso-di-n-propylamine	12000	U
67-72-1	Hexachloroethane	12000	U
98-95-3	Nitrobenzene	12000	U
78-59-1	Isophorone	12000	U
88-75-5	2-Nitrophenol	12000	U
105-67-9	2,4-Dimethylphenol	12000	U
111-91-1	bis(2-Chloroethoxy)methane	12000	U
120-83-2	2,4-Dichlorophenol	12000	U
65-85-0	Benzoic Acid	12000	U
120-82-1	1,2,4-Trichlorobenzene	12000	U
91-20-3	Naphthalene	12000	U
106-47-8	4-Chloroaniline	12000	U
87-68-3	Hexachlorobutadiene	12000	U
59-50-7	4-Chloro-3-methylphenol	12000	U
91-57-6	2-Methylnaphthalene	12000	U
77-47-4	Hexachlorocyclopentadiene	12000	U
88-06-2	2,4,6-Trichlorophenol	12000	U
	2,4,5-Trichlorophenol	12000	U
91-58-7	2-Chloronaphthalene	12000	U
88-74-4	2-Nitroaniline	12000	U
131-11-3	Dimethylphthalate	12000	U
208-96-8	Acenaphthylene	12000	U
606-20-2	2,6-Dinitrotoluene	12000	U
99-09-2	3-Nitroaniline	12000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-9

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4159 Location: M-14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4159.06 (1:10)

Sample wt/vol: 10.02 (g/ml) G Lab File ID: BNA01876.D

Level: (low/med) LOW Date Received: 12/28/98

% Moisture: 13.52 decanted:(Y/N) N Date Extracted: 12/29/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/11/99

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	12000	U
51-28-5	2,4-Dinitrophenol	12000	U
132-64-9	Dibenzofuran	12000	U
100-02-7	4-Nitrophenol	12000	U
121-14-2	2,4-Dinitrotoluene	12000	U
84-66-2	Diethylphthalate	12000	U
86-73-7	Fluorene	12000	U
7005-72-3	4-Chlorophenyl-phenylether	12000	U
100-01-6	4-Nitroaniline	12000	U
534-52-1	4,6-Dinitro-2-methylphenol	12000	U
86-30-6	n-Nitrosodiphenylamine	12000	U
103-33-3	Azobenzene	12000	U
101-55-3	4-Bromophenyl-phenylether	12000	U
118-74-1	Hexachlorobenzene	12000	U
87-86-5	Pentachlorophenol	12000	U
85-01-8	Phenanthrene	12000	U
120-12-7	Anthracene	12000	U
84-74-2	Di-n-butylphthalate	31000	BD
206-44-0	Fluoranthene	12000	U
92-87-5	Benzidine	12000	U
129-00-0	Pyrene	12000	U
85-68-7	Butylbenzylphthalate	12000	U
56-55-3	Benzo[a]anthracene	12000	U
91-94-1	3,3'-Dichlorobenzidine	12000	U
218-01-9	Chrysene	12000	U
117-81-7	bis(2-Ethylhexyl)phthalate	12000	U
117-84-0	Di-n-octylphthalate	12000	U
205-99-2	Benzo[b]fluoranthene	12000	U
207-08-9	Benzo[k]fluoranthene	12000	U
50-32-8	Benzo[a]pyrene	12000	U
193-39-5	Indeno[1,2,3-cd]pyrene	12000	U
53-70-3	Dibenz[a,h]anthracene	12000	U
191-24-2	Benzo[g,h,i]perylene	12000	U

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-10

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4159 Location: M-14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4159.08

Sample wt/vol: 10.26 (g/ml) G Lab File ID: BNA01877.D

Level: (low/med) LOW Date Received: 12/28/98

% Moisture: 10.29 decanted:(Y/N) N Date Extracted: 12/29/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/11/99

Injection Volume: 1.0 (uL) 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.

B-10

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4159 Location: M-14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4159.08

Sample wt/vol: 10.26 (g/ml) G Lab File ID: BNA01877.D

Level: (low/med) LOW Date Received: 12/28/98

% Moisture: 10.29 decanted:(Y/N) N Date Extracted: 12/29/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/11/99

Injection Volume: 1.0 (uL) 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	3700	B
206-44-0	Fluoranthene	290	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	250	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	130	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	160	J
117-81-7	bis(2-Ethylhexyl)phthalate	130	JB
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	120	J
207-08-9	Benzo[k]fluoranthene	180	J
50-32-8	Benzo[a]pyrene	110	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.

B-10

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4159 Location: M-14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4159.08

Sample wt/vol: 10.26 (g/ml) G Lab File ID: BNA01877.D

Level: (low/med) LOW Date Received: 12/28/98

% Moisture: 10.29 decanted: (Y/N) N Date Extracted: 12/29/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/11/99

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. 000541-02-6	Cyclopentasiloxane, decamethyl-	9.70	2000	JN
2. 000540-97-6	Cyclohexasiloxane, dodecamethy	12.16	2000	JN
3. 074367-34-3	Propanoic acid, 2-methyl-, 3-hydr	12.81	1000	JN
4. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.49	2200	JN
5. 001454-84-8	1-Nonadecanol	23.95	2800	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-11

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4159 Location: M-14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4159.10

Sample wt/vol: 10.07 (g/ml) G Lab File ID: BNA01878.D

Level: (low/med) LOW Date Received: 12/28/98

% Moisture: 10.47 decanted:(Y/N) N Date Extracted: 12/29/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/11/99

Injection Volume: 1.0 (uL) 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.

B-11

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4159 Location: M-14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4159.10

Sample wt/vol: 10.07 (g/ml) G Lab File ID: BNA01878.D

Level: (low/med) LOW Date Received: 12/28/98

% Moisture: 10.47 decanted:(Y/N) N Date Extracted: 12/29/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/11/99

Injection Volume: 1.0 (uL) 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	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	1400	B
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
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	150	JB
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	240	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

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-12

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4159 Location: M-14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4159.12

Sample wt/vol: 10.04 (g/ml) G Lab File ID: BNA01879.D

Level: (low/med) LOW Date Received: 12/28/98

% Moisture: 11.86 decanted:(Y/N) N Date Extracted: 12/29/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/11/99

Injection Volume: 1.0 (uL) 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.

B-12

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4159 Location: M-14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4159.12

Sample wt/vol: 10.04 (g/ml) G Lab File ID: BNA01879.D

Level: (low/med) LOW Date Received: 12/28/98

% Moisture: 11.86 decanted:(Y/N) N Date Extracted: 12/29/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/11/99

Injection Volume: 1.0 (uL) 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	380	JB
206-44-0	Fluoranthene	250	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	360	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	150	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	240	J
117-81-7	bis(2-Ethylhexyl)phthalate	140	JB
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	170	J
50-32-8	Benzo[a]pyrene	140	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.

B-12

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4159 Location: M-14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4159.12

Sample wt/vol: 10.04 (g/ml) G Lab File ID: BNA01879.D

Level: (low/med) LOW Date Received: 12/28/98

% Moisture: 11.86 decanted: (Y/N) N Date Extracted: 12/29/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/11/99

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	9.70	1300	J
2. 000540-97-6	Cyclohexasiloxane, dodecamethy	12.16	1500	JN
3. 074685-30-6	5-Eicosene, (E)-	23.95	2200	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-13

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4159 Location: M-14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4159.14

Sample wt/vol: 10.13 (g/ml) G Lab File ID: BNA01880.D

Level: (low/med) LOW Date Received: 12/28/98

% Moisture: 12.06 decanted:(Y/N) N Date Extracted: 12/29/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/11/99

Injection Volume: 1.0 (uL) 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.

B-13

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4159 Location: M-14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4159.14

Sample wt/vol: 10.13 (g/ml) G Lab File ID: BNA01880.D

Level: (low/med) LOW Date Received: 12/28/98

% Moisture: 12.06 decanted:(Y/N) N Date Extracted: 12/29/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/11/99

Injection Volume: 1.0 (uL) 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	470	JB
206-44-0	Fluoranthene	130	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	220	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.

B-13

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4159 Location: M-14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4159.14

Sample wt/vol: 10.13 (g/ml) G Lab File ID: BNA01880.D

Level: (low/med) LOW Date Received: 12/28/98

% Moisture: 12.06 decanted: (Y/N) N Date Extracted: 12/29/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/11/99

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	9.70	2000	J
2. 000540-97-6	Cyclohexasiloxane, dodecamethy	12.16	1600	JN
3. 001599-67-3	1-Docosene	23.95	2300	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-14

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4159 Location: M-14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4159.16

Sample wt/vol: 10.29 (g/ml) G Lab File ID: BNA01881.D

Level: (low/med) LOW Date Received: 12/28/98

% Moisture: 15.23 decanted:(Y/N) N Date Extracted: 12/29/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/11/99

Injection Volume: 1.0 (uL) 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.

B-14

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4159 Location: M-14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4159.16

Sample wt/vol: 10.29 (g/ml) G Lab File ID: BNA01881.D

Level: (low/med) LOW Date Received: 12/28/98

% Moisture: 15.23 decanted:(Y/N) N Date Extracted: 12/29/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/11/99

Injection Volume: 1.0 (uL) 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	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	1400	B
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
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	120	JB
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.

B-14

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4159 Location: M-14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4159.16

Sample wt/vol: 10.29 (g/ml) G Lab File ID: BNA01881.D

Level: (low/med) LOW Date Received: 12/28/98

% Moisture: 15.23 decanted: (Y/N) N Date Extracted: 12/29/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/11/99

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. 000541-02-6	Cyclopentasiloxane, decamethyl-	9.70	1600	JN
2. 000540-97-6	Cyclohexasiloxane, dodecamethy	12.16	1200	JN
3. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.49	1400	JN
4. 074685-30-6	5-Eicosene, (E)-	23.95	2900	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-15

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4159 Location: M-14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4159.18

Sample wt/vol: 10.08 (g/ml) G Lab File ID: BNA01882.D

Level: (low/med) LOW Date Received: 12/28/98

% Moisture: 13.94 decanted:(Y/N) N Date Extracted: 12/29/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/11/99

Injection Volume: 1.0 (uL) 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.

B-15

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4159 Location: M-14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4159.18

Sample wt/vol: 10.08 (g/ml) G Lab File ID: BNA01882.D

Level: (low/med) LOW Date Received: 12/28/98

% Moisture: 13.94 decanted:(Y/N) N Date Extracted: 12/29/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/11/99

Injection Volume: 1.0 (uL) 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	1000	JB
206-44-0	Fluoranthene	170	J
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	180	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.

B-15

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4159 Location: M-14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4159.18

Sample wt/vol: 10.08 (g/ml) G Lab File ID: BNA01882.D

Level: (low/med) LOW Date Received: 12/28/98

% Moisture: 13.94 decanted: (Y/N) N Date Extracted: 12/29/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/11/99

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	18.48	1200	JN
2. 074685-30-6	5-Eicosene, (E)-	23.95	2800	JN
3. 006765-39-5	1-Heptadecene	25.47	960	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-16

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4159 Location: M-14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4159.20

Sample wt/vol: 10.04 (g/ml) G Lab File ID: BNA01891.D

Level: (low/med) LOW Date Received: 12/28/98

% Moisture: 10.65 decanted:(Y/N) N Date Extracted: 12/29/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/12/99

Injection Volume: 1.0 (uL) 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.

B-16

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4159 Location: M-14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4159.20

Sample wt/vol: 10.04 (g/ml) G Lab File ID: BNA01891.D

Level: (low/med) LOW Date Received: 12/28/98

% Moisture: 10.65 decanted:(Y/N) N Date Extracted: 12/29/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/12/99

Injection Volume: 1.0 (uL) 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	430	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	2300	B
206-44-0	Fluoranthene	290	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	440	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	170	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	260	J
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	150	J
207-08-9	Benzo[k]fluoranthene	170	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.

B-16

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4159 Location: M-14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4159.20

Sample wt/vol: 10.04 (g/ml) G Lab File ID: BNA01891.D

Level: (low/med) LOW Date Received: 12/28/98

% Moisture: 10.65 decanted: (Y/N) N Date Extracted: 12/29/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/12/99

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	18.49	1500	JN
2. 074685-30-6	5-Eicosene, (E)-	23.94	1700	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-17

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4159 Location: M-14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4159.22

Sample wt/vol: 10.04 (g/ml) G Lab File ID: BNA01892.D

Level: (low/med) LOW Date Received: 12/28/98

% Moisture: 11.15 decanted:(Y/N) N Date Extracted: 12/29/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/12/99

Injection Volume: 1.0 (uL) 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.

B-17

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4159 Location: M-14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4159.22

Sample wt/vol: 10.04 (g/ml) G Lab File ID: BNA01892.D

Level: (low/med) LOW Date Received: 12/28/98

% Moisture: 11.15 decanted:(Y/N) N Date Extracted: 12/29/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/12/99

Injection Volume: 1.0 (uL) 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	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	890	JB
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
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	150	JB
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.

B-17

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4159 Location: M-14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4159.22

Sample wt/vol: 10.04 (g/ml) G Lab File ID: BNA01892.D

Level: (low/med) LOW Date Received: 12/28/98

% Moisture: 11.15 decanted: (Y/N) N Date Extracted: 12/29/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/12/99

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	18.48	900	JN
2. 074685-30-6	5-Eicosene, (E)-	23.94	2100	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-18

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4159 Location: M-14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4159.24

Sample wt/vol: 10.04 (g/ml) G Lab File ID: BNA01893.D

Level: (low/med) LOW Date Received: 12/28/98

% Moisture: 13.26 decanted:(Y/N) N Date Extracted: 12/29/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/12/99

Injection Volume: 1.0 (uL) 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.

B-18

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4159 Location: M-14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4159.24

Sample wt/vol: 10.04 (g/ml) G Lab File ID: BNA01893.D

Level: (low/med) LOW Date Received: 12/28/98

% Moisture: 13.26 decanted:(Y/N) N Date Extracted: 12/29/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/12/99

Injection Volume: 1.0 (uL) 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	130	J
120-12-7	Anthracene	130	J
84-74-2	Di-n-butylphthalate	480	JB
206-44-0	Fluoranthene	160	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	180	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	130	J
117-81-7	bis(2-Ethylhexyl)phthalate	140	JB
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	110	J
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.

B-18

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4159 Location: M-14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4159.24

Sample wt/vol: 10.04 (g/ml) G Lab File ID: BNA01893.D

Level: (low/med) LOW Date Received: 12/28/98

% Moisture: 13.26 decanted: (Y/N) N Date Extracted: 12/29/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/12/99

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)-	23.95	2600	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-19

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4159 Location: M-14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4159.26

Sample wt/vol: 10.24 (g/ml) G Lab File ID: BNA01894.D

Level: (low/med) LOW Date Received: 12/28/98

% Moisture: 12.8 decanted:(Y/N) N Date Extracted: 12/29/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/12/99

Injection Volume: 1.0 (uL) 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.

B-19

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4159 Location: M-14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4159.26

Sample wt/vol: 10.24 (g/ml) G Lab File ID: BNA01894.D

Level: (low/med) LOW Date Received: 12/28/98

% Moisture: 12.8 decanted:(Y/N) N Date Extracted: 12/29/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/12/99

Injection Volume: 1.0 (uL) 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	370	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	250	JB
206-44-0	Fluoranthene	260	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	140	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	210	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	140	J
50-32-8	Benzo[a]pyrene	120	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

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **B-20**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4160 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4160.02

Sample wt/vol: 10.7 (g/ml) G Lab File ID: BN02631.D

Level: (low/med) LOW Date Received: 12/29/98

% Moisture: 11.26 decanted:(Y/N) N Date Extracted: 12/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/12/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

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: **B-20**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4160 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4160.02

Sample wt/vol: 10.7 (g/ml) G Lab File ID: BN02631.D

Level: (low/med) LOW Date Received: 12/29/98

% Moisture: 11.26 decanted:(Y/N) N Date Extracted: 12/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/12/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		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	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	300	JB
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
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: **B-20**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4160 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4160.02

Sample wt/vol: 10.7 (g/ml) G Lab File ID: BN02631.D

Level: (low/med) LOW Date Received: 12/29/98

% Moisture: 11.26 decanted: (Y/N) N Date Extracted: 12/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/12/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 9

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 056554-90-6	13-Octadecenal	29.37	1200	JN
2. 040710-42-7	1-Hentetracontanol	29.78	1000	JN
3.	unknown	30.06	860	J
4. 000629-96-9	1-Eicosanol	24.24	5500	JN
5. 006624-79-9	1-Dotriacontanol	25.75	2400	JN
6. 000630-06-8	Hexatriacontane	27.14	1500	JN
7. 000000-00-0	1-Hexacosanal	28.09	1100	JN
8. 000629-59-4	Tetradecane	28.43	1100	JN
9. 001599-67-3	1-Docosene	28.49	2200	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **B-21**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4160 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4160.04

Sample wt/vol: 10.1 (g/ml) G Lab File ID: BN02634.D

Level: (low/med) LOW Date Received: 12/29/98

% Moisture: 8.98 decanted:(Y/N) N Date Extracted: 12/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/12/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

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	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: **B-21**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4160 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4160.04

Sample wt/vol: 10.1 (g/ml) G Lab File ID: BN02634.D

Level: (low/med) LOW Date Received: 12/29/98

% Moisture: 8.98 decanted:(Y/N) N Date Extracted: 12/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/12/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		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	370	JB
206-44-0	Fluoranthene	430	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	630	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	440	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	920	J
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	380	J
207-08-9	Benzo[k]fluoranthene	510	J
50-32-8	Benzo[a]pyrene	560	J
193-39-5	Indeno[1,2,3-cd]pyrene	280	J
53-70-3	Dibenz[a,h]anthracene	150	J
191-24-2	Benzo[g,h,i]perylene	330	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **B-21**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4160 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4160.04

Sample wt/vol: 10.1 (g/ml) G Lab File ID: BN02634.D

Level: (low/med) LOW Date Received: 12/29/98

% Moisture: 8.98 decanted: (Y/N) N Date Extracted: 12/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/12/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 16

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000057-11-4	Octadecanoic acid	21.55	1800	JN
2. 006971-40-0	17-Pentatriacontene	25.76	5200	JN
3. 002363-71-5	Heneicosanoic acid	26.30	2100	JN
4. 000000-00-0	1-Hexacosanal	26.75	2100	JN
5.	unknown	27.01	880	J
6. 000629-96-9	1-Eicosanol	27.17	6200	JN
7.	unknown	27.67	1200	J
8. 000638-66-4	Octadecanal	28.10	2900	JN
9. 000629-78-7	Heptadecane	28.44	2400	JN
10. 000112-92-5	1-Octadecanol	28.49	3300	JN
11.	unknown	28.60	1300	J
12. 056554-86-0	17-Octadecenal	29.37	2700	JN
13. 000629-78-7	Heptadecane	29.70	940	JN
14. 000661-19-8	1-Docosanol	29.79	1600	JN
15.	unknown	29.91	1600	J
16.	unknown	30.07	900	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **B-22**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4160 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4160.06

Sample wt/vol: 10.02 (g/ml) G Lab File ID: BN02635.D

Level: (low/med) LOW Date Received: 12/29/98

% Moisture: 13.73 decanted:(Y/N) N Date Extracted: 12/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/12/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		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: **B-22**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4160 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4160.06

Sample wt/vol: 10.02 (g/ml) G Lab File ID: BN02635.D

Level: (low/med) LOW Date Received: 12/29/98

% Moisture: 13.73 decanted:(Y/N) N Date Extracted: 12/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/12/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		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	920	JB
206-44-0	Fluoranthene	1200	U
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	1200	U
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: **B-22**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4160 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4160.06

Sample wt/vol: 10.02 (g/ml) G Lab File ID: BN02635.D

Level: (low/med) LOW Date Received: 12/29/98

% Moisture: 13.73 decanted: (Y/N) N Date Extracted: 12/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/12/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 19

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	18.83	1400	JN
2. 000112-92-5	1-Octadecanol	24.24	7100	JN
3. 000646-30-0	Nonadecanoic acid	24.82	1200	JN
4. 006971-40-0	17-Pentatriacontene	25.76	5600	JN
5. 002363-71-5	Heneicosanoic acid	26.31	4000	JN
6. 000295-65-8	Cyclohexadecane	26.46	1100	JN
7. 000000-00-0	1-Hexacosanal	26.75	2400	JN
8. 000629-96-9	1-Eicosanol	27.17	5800	JN
9.	unknown	27.68	2600	J
10. 056554-90-6	13-Octadecenal	28.09	3000	JN
11. 000593-45-3	Octadecane	28.44	2500	JN
12.	unknown	28.49	3900	J
13.	unknown	28.60	1500	J
14.	unknown	28.96	1200	J
15. 000629-80-1	Hexadecanal	29.37	3000	JN
16. 000661-19-8	1-Docosanol	29.79	1900	JN
17.	unknown	29.91	1600	J
18.	unknown	30.07	2000	J
19.	unknown	30.60	1400	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **B-23**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4160 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4160.08

Sample wt/vol: 10.13 (g/ml) G Lab File ID: BN02636.D

Level: (low/med) LOW Date Received: 12/29/98

% Moisture: 11.42 decanted:(Y/N) N Date Extracted: 12/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/12/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

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: **B-23**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4160 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4160.08

Sample wt/vol: 10.13 (g/ml) G Lab File ID: BN02636.D

Level: (low/med) LOW Date Received: 12/29/98

% Moisture: 11.42 decanted:(Y/N) N Date Extracted: 12/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/12/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		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	140	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	1200	B
206-44-0	Fluoranthene	180	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	230	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	200	J
117-81-7	bis(2-Ethylhexyl)phthalate	110	J
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	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	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: **B-23**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4160 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4160.08

Sample wt/vol: 10.13 (g/ml) G Lab File ID: BN02636.D

Level: (low/med) LOW Date Received: 12/29/98

% Moisture: 11.42 decanted: (Y/N) N Date Extracted: 12/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/12/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 15

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-64-0	1,2-Benzenedicarboxylic acid, but	18.83	1900	JN
2. 000057-10-3	Hexadecanoic acid	19.70	1400	JN
3. 006971-40-0	17-Pentatriacontene	25.75	5000	JN
4. 002363-71-5	Heneicosanoic acid	26.30	2500	JN
5. 000638-66-4	Octadecanal	26.75	1800	JN
6. 000629-96-9	1-Eicosanol	27.17	4200	JN
7. 000057-11-4	Octadecanoic acid	27.67	1600	JN
8. 000000-00-0	1-Hexacosanal	28.10	2300	JN
9. 000630-06-8	Hexatriacontane	28.43	1900	JN
10.	unknown	28.49	3000	J
11.	unknown	28.60	1000	J
12. 056554-90-6	13-Octadecenal	29.37	2300	JN
13. 001653-33-4	4-Tetradecanol	29.79	1500	JN
14.	unknown	29.91	1300	J
15.	unknown	30.07	1200	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **B-24**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4160 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4160.10

Sample wt/vol: 10.12 (g/ml) G Lab File ID: BN02637.D

Level: (low/med) LOW Date Received: 12/29/98

% Moisture: 12.98 decanted:(Y/N) N Date Extracted: 12/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/13/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

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: **B-24**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4160 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4160.10

Sample wt/vol: 10.12 (g/ml) G Lab File ID: BN02637.D

Level: (low/med) LOW Date Received: 12/29/98

% Moisture: 12.98 decanted:(Y/N) N Date Extracted: 12/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/13/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		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	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	980	JB
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
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: **B-24**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4160 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4160.10

Sample wt/vol: 10.12 (g/ml) G Lab File ID: BN02637.D

Level: (low/med) LOW Date Received: 12/29/98

% Moisture: 12.98 decanted: (Y/N) N Date Extracted: 12/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/13/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 12

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	18.83	1600	J
2. 000057-10-3	Hexadecanoic acid	19.70	1800	JN
3. 001454-84-8	1-Nonadecanol	24.25	7100	JN
4. 006971-40-0	17-Pentatriacontene	25.75	3700	JN
5.	unknown	26.29	1200	J
6. 002765-11-9	Pentadecanal-	26.75	970	JN
7. 000629-96-9	1-Eicosanol	27.16	3100	JN
8. 056554-90-6	13-Octadecenal	28.09	1300	JN
9. 007098-22-8	Tetratetracontane	28.43	1300	JN
10. 001599-67-3	1-Docosene	28.49	2700	JN
11. 000638-66-4	Octadecanal	29.37	1400	JN
12. 006624-79-9	1-Dotriacontanol	29.78	1200	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **B-25**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4160 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4160.12

Sample wt/vol: 10.27 (g/ml) G Lab File ID: BN02638.D

Level: (low/med) LOW Date Received: 12/29/98

% Moisture: 11.47 decanted:(Y/N) N Date Extracted: 12/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/13/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

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	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: **B-25**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4160 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4160.12

Sample wt/vol: 10.27 (g/ml) G Lab File ID: BN02638.D

Level: (low/med) LOW Date Received: 12/29/98

% Moisture: 11.47 decanted:(Y/N) N Date Extracted: 12/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/13/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		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	210	J
120-12-7	Anthracene	230	J
84-74-2	Di-n-butylphthalate	1100	B
206-44-0	Fluoranthene	630	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	840	J
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	1800	
117-81-7	bis(2-Ethylhexyl)phthalate	110	J
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1200	
207-08-9	Benzo[k]fluoranthene	1300	
50-32-8	Benzo[a]pyrene	910	J
193-39-5	Indeno[1,2,3-cd]pyrene	550	J
53-70-3	Dibenz[a,h]anthracene	210	J
191-24-2	Benzo[g,h,i]perylene	480	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **B-25**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4160 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4160.12

Sample wt/vol: 10.27 (g/ml) G Lab File ID: BN02638.D

Level: (low/med) LOW Date Received: 12/29/98

% Moisture: 11.47 decanted: (Y/N) N Date Extracted: 12/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/13/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 23 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	12.89	940	J
2. 000109-21-7	Butanoic acid, butyl ester	13.17	1200	JN
3. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.83	1700	JN
4.	unknown	22.82	1600	J
5.	unknown	22.86	960	J
6.	unknown	23.62	6600	J
7.	unknown	23.85	6000	J
8. 000112-85-6	Docosanoic acid	24.82	1200	JN
9. 006971-40-0	17-Pentatriacontene	25.76	5000	JN
10.	unknown	26.30	2500	J
11. 056554-90-6	13-Octadecenal	26.75	2600	JN
12.	unknown	27.02	910	J
13. 006624-79-9	1-Dotriacontanol	27.17	6300	JN
14.	unknown	27.67	1300	J
15. 002765-11-9	Pentadecanal-	28.09	2300	JN
16. 000629-92-5	Nonadecane	28.44	2300	JN
17. 000629-96-9	1-Eicosanol	28.49	3800	JN
18.	unknown	28.60	1000	J
19. 000629-80-1	Hexadecanal	29.37	2100	JN
20. 000506-51-4	1-Tetracosanol	29.79	2000	JN
21.	unknown	29.92	1200	J
22.	unknown	30.12	5800	J
23.	unknown	30.70	960	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **B-26**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4160 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4160.14

Sample wt/vol: 10.16 (g/ml) G Lab File ID: BN02639.D

Level: (low/med) LOW Date Received: 12/29/98

% Moisture: 12.07 decanted:(Y/N) N Date Extracted: 12/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/13/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

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: **B-26**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4160 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4160.14

Sample wt/vol: 10.16 (g/ml) G Lab File ID: BN02639.D

Level: (low/med) LOW Date Received: 12/29/98

% Moisture: 12.07 decanted:(Y/N) N Date Extracted: 12/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/13/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

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	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	1500	B
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
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: **B-26**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4160 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4160.14

Sample wt/vol: 10.16 (g/ml) G Lab File ID: BN02639.D

Level: (low/med) LOW Date Received: 12/29/98

% Moisture: 12.07 decanted: (Y/N) N Date Extracted: 12/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/13/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 14

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	12.89	920	J
2. 000109-21-7	Butanoic acid, butyl ester	13.17	1300	JN
3.	unknown	18.83	2500	J
4. 000057-10-3	Hexadecanoic acid	19.70	1200	JN
5. 001454-84-8	1-Nonadecanol	24.24	6100	JN
6. 006624-79-9	1-Dotriacontanol	25.75	3900	JN
7.	unknown	26.29	990	J
8. 056554-87-1	16-Octadecenal	26.75	920	JN
9. 001599-67-3	1-Docosene	27.16	2900	JN
10. 002765-11-9	Pentadecanal-	28.09	1300	JN
11. 000630-06-8	Hexatriacontane	28.43	1200	JN
12. 000629-96-9	1-Eicosanol	28.49	2100	JN
13. 000629-80-1	Hexadecanal	29.37	1400	JN
14. 000661-19-8	1-Docosanol	29.78	940	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **B-27**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4160 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4160.16

Sample wt/vol: 10.06 (g/ml) G Lab File ID: BN02640.D

Level: (low/med) LOW Date Received: 12/29/98

% Moisture: 13.46 decanted:(Y/N) N Date Extracted: 12/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/13/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

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: **B-27**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4160 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4160.16

Sample wt/vol: 10.06 (g/ml) G Lab File ID: BN02640.D

Level: (low/med) LOW Date Received: 12/29/98

% Moisture: 13.46 decanted:(Y/N) N Date Extracted: 12/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/13/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		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	210	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	890	JB
206-44-0	Fluoranthene	270	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	320	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	140	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	260	J
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	120	J
207-08-9	Benzo[k]fluoranthene	160	J
50-32-8	Benzo[a]pyrene	140	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: **B-27**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4160 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4160.16

Sample wt/vol: 10.06 (g/ml) G Lab File ID: BN02640.D

Level: (low/med) LOW Date Received: 12/29/98

% Moisture: 13.46 decanted: (Y/N) N Date Extracted: 12/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/13/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 11 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-64-0	1,2-Benzenedicarboxylic acid, but	18.83	1600	JN
2. 006971-40-0	17-Pentatriacontene	25.75	3700	JN
3. 002363-71-5	Heneicosanoic acid	26.29	1600	JN
4. 000000-00-0	1-Hexacosanal	26.75	1100	JN
5. 006624-79-9	1-Dotriacontanol	27.16	3000	JN
6.	unknown	27.66	1000	J
7. 002765-11-9	Pentadecanal-	28.09	1500	JN
8. 000112-95-8	Eicosane	28.43	1400	JN
9. 000629-96-9	1-Eicosanol	28.48	3200	JN
10. 000638-66-4	Octadecanal	29.37	1500	JN
11. 000506-52-5	1-Hexacosanol	29.78	1400	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **B-28**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4160 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4160.18

Sample wt/vol: 10.01 (g/ml) G Lab File ID: BN02647.D

Level: (low/med) LOW Date Received: 12/29/98

% Moisture: 12.39 decanted:(Y/N) N Date Extracted: 12/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/19/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

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: **B-28**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4160 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4160.18

Sample wt/vol: 10.01 (g/ml) G Lab File ID: BN02647.D

Level: (low/med) LOW Date Received: 12/29/98

% Moisture: 12.39 decanted:(Y/N) N Date Extracted: 12/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/19/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		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	130	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	320	JB
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	130	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: **B-28**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4160 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4160.18

Sample wt/vol: 10.01 (g/ml) G Lab File ID: BN02647.D

Level: (low/med) LOW Date Received: 12/29/98

% Moisture: 12.39 decanted: (Y/N) N Date Extracted: 12/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/19/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 8

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 001599-67-3	1-Docosene	24.15	5200	JN
2. 006624-79-9	1-Dotriacontanol	25.67	2500	JN
3. 000000-00-0	1-Hexacosanal	26.66	930	JN
4. 000506-51-4	1-Tetracosanol	27.08	2100	JN
5. 002765-11-9	Pentadecanal-	28.01	1300	JN
6. 000630-06-8	Hexatriacontane	28.35	1200	JN
7. 000629-96-9	1-Eicosanol	28.41	1900	JN
8. 056554-90-6	13-Octadecenal	29.28	1400	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **B-29**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4160 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4160.20

Sample wt/vol: 10.12 (g/ml) G Lab File ID: BN02648.D

Level: (low/med) LOW Date Received: 12/29/98

% Moisture: 12.87 decanted:(Y/N) N Date Extracted: 12/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/19/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

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: **B-29**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4160 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4160.20

Sample wt/vol: 10.12 (g/ml) G Lab File ID: BN02648.D

Level: (low/med) LOW Date Received: 12/29/98

% Moisture: 12.87 decanted:(Y/N) N Date Extracted: 12/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/19/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		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	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	760	JB
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
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	110	J
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: **B-29**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4160 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4160.20

Sample wt/vol: 10.12 (g/ml) G Lab File ID: BN02648.D

Level: (low/med) LOW Date Received: 12/29/98

% Moisture: 12.87 decanted: (Y/N) N Date Extracted: 12/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/19/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 9

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.74	1700	JN
2. 001599-67-3	1-Docosene	24.15	5600	JN
3. 006624-79-9	1-Dotriacontanol	25.67	3100	JN
4. 000638-66-4	Octadecanal	26.66	1000	JN
5. 000112-95-8	Eicosane	27.06	1400	JN
6. 002765-11-9	Pentadecanal-	28.01	1200	JN
7. 007098-22-8	Tetratetracontane	28.35	1500	JN
8. 000629-96-9	1-Eicosanol	28.40	1800	JN
9. 056554-90-6	13-Octadecenal	29.28	1600	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-30

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4162 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4162.02

Sample wt/vol: 10.02 (g/ml) G Lab File ID: BNA01939.D

Level: (low/med) LOW Date Received: 12/30/98

% Moisture: 13.59 decanted:(Y/N) N Date Extracted: 12/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/15/99

Injection Volume: 1.0 (uL) 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.

B-30

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4162 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4162.02

Sample wt/vol: 10.02 (g/ml) G Lab File ID: BNA01939.D

Level: (low/med) LOW Date Received: 12/30/98

% Moisture: 13.59 decanted:(Y/N) N Date Extracted: 12/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/15/99

Injection Volume: 1.0 (uL) 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	750	JB
206-44-0	Fluoranthene	1200	U
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	1200	U
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.

B-30

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4162 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4162.02

Sample wt/vol: 10.02 (g/ml) G Lab File ID: BNA01939.D

Level: (low/med) LOW Date Received: 12/30/98

% Moisture: 13.59 decanted: (Y/N) N Date Extracted: 12/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/15/99

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	18.45	930	JN
2. 074685-33-9	3-Eicosene, (E)-	23.91	2200	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-31

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4162 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4162.04

Sample wt/vol: 10.14 (g/ml) G Lab File ID: BNA01940.D

Level: (low/med) LOW Date Received: 12/30/98

% Moisture: 13.28 decanted:(Y/N) N Date Extracted: 12/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/15/99

Injection Volume: 1.0 (uL) 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.

B-31

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4162 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4162.04

Sample wt/vol: 10.14 (g/ml) G Lab File ID: BNA01940.D

Level: (low/med) LOW Date Received: 12/30/98

% Moisture: 13.28 decanted:(Y/N) N Date Extracted: 12/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/15/99

Injection Volume: 1.0 (uL) 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	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	240	JB
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
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.

B-31

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4162 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4162.04

Sample wt/vol: 10.14 (g/ml) G Lab File ID: BNA01940.D

Level: (low/med) LOW Date Received: 12/30/98

% Moisture: 13.28 decanted: (Y/N) N Date Extracted: 12/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/15/99

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. 074685-33-9	3-Eicosene, (E)-	23.91	1900	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-32

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4162 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4162.06

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA01941.D

Level: (low/med) LOW Date Received: 12/30/98

% Moisture: 13.81 decanted:(Y/N) N Date Extracted: 12/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/15/99

Injection Volume: 1.0 (uL) 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.

B-32

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4162 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4162.06

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA01941.D

Level: (low/med) LOW Date Received: 12/30/98

% Moisture: 13.81 decanted:(Y/N) N Date Extracted: 12/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/15/99

Injection Volume: 1.0 (uL) 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	310	JB
206-44-0	Fluoranthene	1200	U
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	1200	U
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.

B-32

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4162 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4162.06

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA01941.D

Level: (low/med) LOW Date Received: 12/30/98

% Moisture: 13.81 decanted: (Y/N) N Date Extracted: 12/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/15/99

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)-	23.91	2300	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-33

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4162 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4162.08

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA01942.D

Level: (low/med) LOW Date Received: 12/30/98

% Moisture: 6.24 decanted:(Y/N) N Date Extracted: 12/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/15/99

Injection Volume: 1.0 (uL) 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.

B-33

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4162 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4162.08

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA01942.D

Level: (low/med) LOW Date Received: 12/30/98

% Moisture: 6.24 decanted:(Y/N) N Date Extracted: 12/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/15/99

Injection Volume: 1.0 (uL) 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	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	1500	B
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
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.

B-33

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4162 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4162.08

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA01942.D

Level: (low/med) LOW Date Received: 12/30/98

% Moisture: 6.24 decanted: (Y/N) N Date Extracted: 12/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/15/99

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	18.45	1600	JN
2. 074685-30-6	5-Eicosene, (E)-	23.91	1800	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-34

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4162 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4162.10

Sample wt/vol: 10.11 (g/ml) G Lab File ID: BNA01944.D

Level: (low/med) LOW Date Received: 12/30/98

% Moisture: 8.65 decanted:(Y/N) N Date Extracted: 12/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/15/99

Injection Volume: 1.0 (uL) 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.

B-34

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4162 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4162.10

Sample wt/vol: 10.11 (g/ml) G Lab File ID: BNA01944.D

Level: (low/med) LOW Date Received: 12/30/98

% Moisture: 8.65 decanted:(Y/N) N Date Extracted: 12/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/15/99

Injection Volume: 1.0 (uL) 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	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	800	JB
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
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.

B-34

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4162 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4162.10

Sample wt/vol: 10.11 (g/ml) G Lab File ID: BNA01944.D

Level: (low/med) LOW Date Received: 12/30/98

% Moisture: 8.65 decanted: (Y/N) N Date Extracted: 12/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/15/99

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	18.45	870	JN
2. 001599-67-3	1-Docosene	23.91	1300	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-35

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4162 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4162.12

Sample wt/vol: 10.03 (g/ml) G Lab File ID: BNA01943.D

Level: (low/med) LOW Date Received: 12/30/98

% Moisture: 11.1 decanted:(Y/N) N Date Extracted: 12/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/15/99

Injection Volume: 1.0 (uL) 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.

B-35

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4162 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4162.12

Sample wt/vol: 10.03 (g/ml) G Lab File ID: BNA01943.D

Level: (low/med) LOW Date Received: 12/30/98

% Moisture: 11.1 decanted:(Y/N) N Date Extracted: 12/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/15/99

Injection Volume: 1.0 (uL) 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	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	300	JB
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
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.

B-35

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4162 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4162.12

Sample wt/vol: 10.03 (g/ml) G Lab File ID: BNA01943.D

Level: (low/med) LOW Date Received: 12/30/98

% Moisture: 11.1 decanted: (Y/N) N Date Extracted: 12/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/15/99

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)-	23.91	2500	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-36

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4162 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4162.14

Sample wt/vol: 10.35 (g/ml) G Lab File ID: BNA01949.D

Level: (low/med) LOW Date Received: 12/30/98

% Moisture: 13.37 decanted:(Y/N) N Date Extracted: 01/04/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/19/99

Injection Volume: 1.0 (uL) 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.

B-36

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4162 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4162.14

Sample wt/vol: 10.35 (g/ml) G Lab File ID: BNA01949.D

Level: (low/med) LOW Date Received: 12/30/98

% Moisture: 13.37 decanted:(Y/N) N Date Extracted: 01/04/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/19/99

Injection Volume: 1.0 (uL) 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	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	330	JB
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
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.

B-36

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4162 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4162.14

Sample wt/vol: 10.35 (g/ml) G Lab File ID: BNA01949.D

Level: (low/med) LOW Date Received: 12/30/98

% Moisture: 13.37 decanted: (Y/N) N Date Extracted: 01/04/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/19/99

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)-	23.91	2300	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-37

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4162 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4162.16

Sample wt/vol: 10.08 (g/ml) G Lab File ID: BNA01952.D

Level: (low/med) LOW Date Received: 12/30/98

% Moisture: 13.19 decanted:(Y/N) N Date Extracted: 01/04/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/19/99

Injection Volume: 1.0 (uL) 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.

B-37

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4162 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4162.16

Sample wt/vol: 10.08 (g/ml) G Lab File ID: BNA01952.D

Level: (low/med) LOW Date Received: 12/30/98

% Moisture: 13.19 decanted:(Y/N) N Date Extracted: 01/04/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/19/99

Injection Volume: 1.0 (uL) 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	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	850	JB
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
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.

B-37

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4162 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4162.16

Sample wt/vol: 10.08 (g/ml) G Lab File ID: BNA01952.D

Level: (low/med) LOW Date Received: 12/30/98

% Moisture: 13.19 decanted: (Y/N) N Date Extracted: 01/04/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/19/99

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	18.45	1300	JN
2. 001599-67-3	1-Docosene	23.91	2400	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-38

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4162 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4162.18

Sample wt/vol: 10.06 (g/ml) G Lab File ID: BNA01953.D

Level: (low/med) LOW Date Received: 12/30/98

% Moisture: 10.75 decanted:(Y/N) N Date Extracted: 01/04/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/19/99

Injection Volume: 1.0 (uL) 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.

B-38

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4162 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4162.18

Sample wt/vol: 10.06 (g/ml) G Lab File ID: BNA01953.D

Level: (low/med) LOW Date Received: 12/30/98

% Moisture: 10.75 decanted:(Y/N) N Date Extracted: 01/04/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/19/99

Injection Volume: 1.0 (uL) 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	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	900	JB
206-44-0	Fluoranthene	120	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	130	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.

B-38

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4162 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4162.18

Sample wt/vol: 10.06 (g/ml) G Lab File ID: BNA01953.D

Level: (low/med) LOW Date Received: 12/30/98

% Moisture: 10.75 decanted: (Y/N) N Date Extracted: 01/04/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/19/99

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. 017851-53-5	1,2-Benzenedicarboxylic acid, but	18.45	1600	JN
2. 074685-33-9	3-Eicosene, (E)-	23.91	2500	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-39

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4162 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4162.20

Sample wt/vol: 10.06 (g/ml) G Lab File ID: BNA01954.D

Level: (low/med) LOW Date Received: 12/30/98

% Moisture: 14.82 decanted:(Y/N) N Date Extracted: 01/04/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/19/99

Injection Volume: 1.0 (uL) 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.

B-39

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4162 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4162.20

Sample wt/vol: 10.06 (g/ml) G Lab File ID: BNA01954.D

Level: (low/med) LOW Date Received: 12/30/98

% Moisture: 14.82 decanted:(Y/N) N Date Extracted: 01/04/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/19/99

Injection Volume: 1.0 (uL) 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	150	J
120-12-7	Anthracene	1200	U
84-74-2	Di-n-butylphthalate	350	JB
206-44-0	Fluoranthene	220	J
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	220	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	170	J
117-81-7	bis(2-Ethylhexyl)phthalate	1200	U
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo[b]fluoranthene	150	J
207-08-9	Benzo[k]fluoranthene	140	J
50-32-8	Benzo[a]pyrene	130	J
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.

B-39

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4162 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4162.20

Sample wt/vol: 10.06 (g/ml) G Lab File ID: BNA01954.D

Level: (low/med) LOW Date Received: 12/30/98

% Moisture: 14.82 decanted: (Y/N) N Date Extracted: 01/04/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/19/99

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. 074685-33-9	3-Eicosene, (E)-	23.91	2800	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-40

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4162 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4162.22

Sample wt/vol: 10.06 (g/ml) G Lab File ID: BNA01955.D

Level: (low/med) LOW Date Received: 12/30/98

% Moisture: 14.76 decanted:(Y/N) N Date Extracted: 01/04/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/19/99

Injection Volume: 1.0 (uL) 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.

B-40

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4162 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4162.22

Sample wt/vol: 10.06 (g/ml) G Lab File ID: BNA01955.D

Level: (low/med) LOW Date Received: 12/30/98

% Moisture: 14.76 decanted:(Y/N) N Date Extracted: 01/04/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/19/99

Injection Volume: 1.0 (uL) 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	820	JB
206-44-0	Fluoranthene	1200	U
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	1200	U
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.

B-40

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4162 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4162.22

Sample wt/vol: 10.06 (g/ml) G Lab File ID: BNA01955.D

Level: (low/med) LOW Date Received: 12/30/98

% Moisture: 14.76 decanted: (Y/N) N Date Extracted: 01/04/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/19/99

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	18.45	1500	JN
2. 000629-96-9	1-Eicosanol	23.91	3300	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-41

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4162 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4162.24

Sample wt/vol: 10.03 (g/ml) G Lab File ID: BNA01956.D

Level: (low/med) LOW Date Received: 12/30/98

% Moisture: 14.46 decanted:(Y/N) N Date Extracted: 01/04/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/19/99

Injection Volume: 1.0 (uL) 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.

B-41

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4162 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4162.24

Sample wt/vol: 10.03 (g/ml) G Lab File ID: BNA01956.D

Level: (low/med) LOW Date Received: 12/30/98

% Moisture: 14.46 decanted:(Y/N) N Date Extracted: 01/04/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/19/99

Injection Volume: 1.0 (uL) 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	380	JB
206-44-0	Fluoranthene	140	J
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	190	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	130	J
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.

B-41

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4162 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4162.24

Sample wt/vol: 10.03 (g/ml) G Lab File ID: BNA01956.D

Level: (low/med) LOW Date Received: 12/30/98

% Moisture: 14.46 decanted: (Y/N) N Date Extracted: 01/04/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/19/99

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)-	23.92	3900	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-42

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4162 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4162.26

Sample wt/vol: 10.17 (g/ml) G Lab File ID: BNA01957.D

Level: (low/med) LOW Date Received: 12/30/98

% Moisture: 16.25 decanted:(Y/N) N Date Extracted: 01/04/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/19/99

Injection Volume: 1.0 (uL) 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.

B-42

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4162 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4162.26

Sample wt/vol: 10.17 (g/ml) G Lab File ID: BNA01957.D

Level: (low/med) LOW Date Received: 12/30/98

% Moisture: 16.25 decanted:(Y/N) N Date Extracted: 01/04/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/19/99

Injection Volume: 1.0 (uL) 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	440	JB
206-44-0	Fluoranthene	1200	U
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	1200	U
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.

B-42

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4162 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4162.26

Sample wt/vol: 10.17 (g/ml) G Lab File ID: BNA01957.D

Level: (low/med) LOW Date Received: 12/30/98

% Moisture: 16.25 decanted: (Y/N) N Date Extracted: 01/04/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/19/99

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	23.91	3800	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-43

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4162 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4162.28

Sample wt/vol: 10.11 (g/ml) G Lab File ID: BNA01958.D

Level: (low/med) LOW Date Received: 12/30/98

% Moisture: 13.95 decanted:(Y/N) N Date Extracted: 01/04/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/19/99

Injection Volume: 1.0 (uL) 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	160	J
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	140	J
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.

B-43

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4162 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4162.28

Sample wt/vol: 10.11 (g/ml) G Lab File ID: BNA01958.D

Level: (low/med) LOW Date Received: 12/30/98

% Moisture: 13.95 decanted:(Y/N) N Date Extracted: 01/04/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/19/99

Injection Volume: 1.0 (uL) 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	640	J
120-12-7	Anthracene	140	J
84-74-2	Di-n-butylphthalate	1100	JB
206-44-0	Fluoranthene	420	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	520	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	260	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	350	J
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	170	J
207-08-9	Benzo[k]fluoranthene	230	J
50-32-8	Benzo[a]pyrene	240	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	140	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-43

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4162 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4162.28

Sample wt/vol: 10.11 (g/ml) G Lab File ID: BNA01958.D

Level: (low/med) LOW Date Received: 12/30/98

% Moisture: 13.95 decanted: (Y/N) N Date Extracted: 01/04/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/19/99

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	12.49	1100	J
2.	unknown	12.78	1200	J
3. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.45	1400	JN
4. 000629-96-9	1-Eicosanol	23.91	3400	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-44

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4162 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4162.30

Sample wt/vol: 10.07 (g/ml) G Lab File ID: BNA01959.D

Level: (low/med) LOW Date Received: 12/30/98

% Moisture: 14.75 decanted:(Y/N) N Date Extracted: 01/04/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/19/99

Injection Volume: 1.0 (uL) 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.

B-44

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4162 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4162.30

Sample wt/vol: 10.07 (g/ml) G Lab File ID: BNA01959.D

Level: (low/med) LOW Date Received: 12/30/98

% Moisture: 14.75 decanted:(Y/N) N Date Extracted: 01/04/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/19/99

Injection Volume: 1.0 (uL) 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	1600	B
206-44-0	Fluoranthene	1200	U
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	1200	U
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.

B-44

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4162 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4162.30

Sample wt/vol: 10.07 (g/ml) G Lab File ID: BNA01959.D

Level: (low/med) LOW Date Received: 12/30/98

% Moisture: 14.75 decanted: (Y/N) N Date Extracted: 01/04/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/19/99

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	18.45	2200	JN
2. 077899-03-7	1-Heneicosyl formate	23.91	4300	JN
3. 000297-03-0	Cyclotetracosane	25.44	2200	JN
4. 000112-85-6	Docosanoic acid	26.01	2800	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-45

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4164 Location: M-14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4164.02

Sample wt/vol: 10.36 (g/ml) G Lab File ID: BNA01895.D

Level: (low/med) LOW Date Received: 12/31/98

% Moisture: 14.41 decanted:(Y/N) N Date Extracted: 01/04/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/12/99

Injection Volume: 1.0 (uL) 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.

B-45

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4164 Location: M-14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4164.02

Sample wt/vol: 10.36 (g/ml) G Lab File ID: BNA01895.D

Level: (low/med) LOW Date Received: 12/31/98

% Moisture: 14.41 decanted:(Y/N) N Date Extracted: 01/04/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/12/99

Injection Volume: 1.0 (uL) 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	140	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	1000	JB
206-44-0	Fluoranthene	190	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	220	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	100	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	140	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	120	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.

B-45

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4164 Location: M-14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4164.02

Sample wt/vol: 10.36 (g/ml) G Lab File ID: BNA01895.D

Level: (low/med) LOW Date Received: 12/31/98

% Moisture: 14.41 decanted: (Y/N) N Date Extracted: 01/04/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/12/99

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	18.49	1800	JN
2. 000112-88-9	1-Octadecene	23.94	3900	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-46

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4164 Location: M-14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4164.04

Sample wt/vol: 10.1 (g/ml) G Lab File ID: BNA01898.D

Level: (low/med) LOW Date Received: 12/31/98

% Moisture: 15.17 decanted:(Y/N) N Date Extracted: 01/04/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/13/99

Injection Volume: 1.0 (uL) 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.

B-46

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4164 Location: M-14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4164.04

Sample wt/vol: 10.1 (g/ml) G Lab File ID: BNA01898.D

Level: (low/med) LOW Date Received: 12/31/98

% Moisture: 15.17 decanted:(Y/N) N Date Extracted: 01/04/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/13/99

Injection Volume: 1.0 (uL) 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	210	J
120-12-7	Anthracene	1200	U
84-74-2	Di-n-butylphthalate	450	JB
206-44-0	Fluoranthene	280	J
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	310	J
85-68-7	Butylbenzylphthalate	1200	U
56-55-3	Benzo[a]anthracene	150	J
91-94-1	3,3'-Dichlorobenzidine	1200	U
218-01-9	Chrysene	210	J
117-81-7	bis(2-Ethylhexyl)phthalate	1200	U
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo[b]fluoranthene	130	J
207-08-9	Benzo[k]fluoranthene	160	J
50-32-8	Benzo[a]pyrene	160	J
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.

B-46

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4164 Location: M-14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4164.04

Sample wt/vol: 10.1 (g/ml) G Lab File ID: BNA01898.D

Level: (low/med) LOW Date Received: 12/31/98

% Moisture: 15.17 decanted: (Y/N) N Date Extracted: 01/04/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/13/99

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	23.94	3500	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-47

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4164 Location: M-14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4164.06

Sample wt/vol: 10.13 (g/ml) G Lab File ID: BNA01899.D

Level: (low/med) LOW Date Received: 12/31/98

% Moisture: 14.84 decanted:(Y/N) N Date Extracted: 01/04/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/13/99

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.

B-47

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4164 Location: M-14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4164.06

Sample wt/vol: 10.13 (g/ml) G Lab File ID: BNA01899.D

Level: (low/med) LOW Date Received: 12/31/98

% Moisture: 14.84 decanted:(Y/N) N Date Extracted: 01/04/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/13/99

Injection Volume: 1.0 (uL) 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	390	JB
206-44-0	Fluoranthene	120	J
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	150	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.

B-47

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4164 Location: M-14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4164.06

Sample wt/vol: 10.13 (g/ml) G Lab File ID: BNA01899.D

Level: (low/med) LOW Date Received: 12/31/98

% Moisture: 14.84 decanted: (Y/N) N Date Extracted: 01/04/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/13/99

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. 000112-88-9	1-Octadecene	23.93	3800	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-48

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4164 Location: M-14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4164.08

Sample wt/vol: 10.21 (g/ml) G Lab File ID: BNA01900.D

Level: (low/med) LOW Date Received: 12/31/98

% Moisture: 14.29 decanted:(Y/N) N Date Extracted: 01/04/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/13/99

Injection Volume: 1.0 (uL) 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.

B-48

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4164 Location: M-14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4164.08

Sample wt/vol: 10.21 (g/ml) G Lab File ID: BNA01900.D

Level: (low/med) LOW Date Received: 12/31/98

% Moisture: 14.29 decanted:(Y/N) N Date Extracted: 01/04/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/13/99

Injection Volume: 1.0 (uL) 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	120	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	1100	JB
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	130	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.

B-48

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4164 Location: M-14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4164.08

Sample wt/vol: 10.21 (g/ml) G Lab File ID: BNA01900.D

Level: (low/med) LOW Date Received: 12/31/98

% Moisture: 14.29 decanted: (Y/N) N Date Extracted: 01/04/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/13/99

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	18.47	1300	JN
2. 000629-96-9	1-Eicosanol	23.93	2600	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-49

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4164 Location: M-14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4164.10

Sample wt/vol: 10.05 (g/ml) G Lab File ID: BNA01901.D

Level: (low/med) LOW Date Received: 12/31/98

% Moisture: 15.4 decanted:(Y/N) N Date Extracted: 01/04/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/13/99

Injection Volume: 1.0 (uL) 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.

B-49

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4164 Location: M-14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4164.10

Sample wt/vol: 10.05 (g/ml) G Lab File ID: BNA01901.D

Level: (low/med) LOW Date Received: 12/31/98

% Moisture: 15.4 decanted:(Y/N) N Date Extracted: 01/04/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/13/99

Injection Volume: 1.0 (uL) 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	1200	B
206-44-0	Fluoranthene	1200	U
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	1200	U
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.

B-49

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4164 Location: M-14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4164.10

Sample wt/vol: 10.05 (g/ml) G Lab File ID: BNA01901.D

Level: (low/med) LOW Date Received: 12/31/98

% Moisture: 15.4 decanted: (Y/N) N Date Extracted: 01/04/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/13/99

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	18.48	2000	JN
2. 001454-84-8	1-Nonadecanol	23.93	2700	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-50

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4164 Location: M-14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4164.12

Sample wt/vol: 10.13 (g/ml) G Lab File ID: BNA01902.D

Level: (low/med) LOW Date Received: 12/31/98

% Moisture: 13.33 decanted:(Y/N) N Date Extracted: 01/04/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/13/99

Injection Volume: 1.0 (uL) 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.

B-50

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4164 Location: M-14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4164.12

Sample wt/vol: 10.13 (g/ml) G Lab File ID: BNA01902.D

Level: (low/med) LOW Date Received: 12/31/98

% Moisture: 13.33 decanted:(Y/N) N Date Extracted: 01/04/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/13/99

Injection Volume: 1.0 (uL) 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	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	2200	B
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
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.

B-50

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4164 Location: M-14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4164.12

Sample wt/vol: 10.13 (g/ml) G Lab File ID: BNA01902.D

Level: (low/med) LOW Date Received: 12/31/98

% Moisture: 13.33 decanted: (Y/N) N Date Extracted: 01/04/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/13/99

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	18.48	3100	JN
2. 010544-50-0	Sulfur, mol. (S8)	20.12	1600	JN
3. 074685-30-6	5-Eicosene, (E)-	23.93	3300	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-51

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4164 Location: M-14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4164.14

Sample wt/vol: 10.08 (g/ml) G Lab File ID: BNA01903.D

Level: (low/med) LOW Date Received: 12/31/98

% Moisture: 14.44 decanted:(Y/N) N Date Extracted: 01/04/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/13/99

Injection Volume: 1.0 (uL) 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.

B-51

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4164 Location: M-14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4164.14

Sample wt/vol: 10.08 (g/ml) G Lab File ID: BNA01903.D

Level: (low/med) LOW Date Received: 12/31/98

% Moisture: 14.44 decanted:(Y/N) N Date Extracted: 01/04/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/13/99

Injection Volume: 1.0 (uL) 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	1000	JB
206-44-0	Fluoranthene	1200	U
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	1200	U
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.

B-51

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4164 Location: M-14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4164.14

Sample wt/vol: 10.08 (g/ml) G Lab File ID: BNA01903.D

Level: (low/med) LOW Date Received: 12/31/98

% Moisture: 14.44 decanted: (Y/N) N Date Extracted: 01/04/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/13/99

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	18.47	1500	JN
2. 074685-33-9	3-Eicosene, (E)-	23.92	1800	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-52

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4164 Location: M-14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4164.16

Sample wt/vol: 10.06 (g/ml) G Lab File ID: BNA01904.D

Level: (low/med) LOW Date Received: 12/31/98

% Moisture: 17.33 decanted:(Y/N) N Date Extracted: 01/04/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/13/99

Injection Volume: 1.0 (uL) 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.

B-52

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4164 Location: M-14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4164.16

Sample wt/vol: 10.06 (g/ml) G Lab File ID: BNA01904.D

Level: (low/med) LOW Date Received: 12/31/98

% Moisture: 17.33 decanted:(Y/N) N Date Extracted: 01/04/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/13/99

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	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	1000	JB
206-44-0	Fluoranthene	1200	U
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	1200	U
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.

B-52

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4164 Location: M-14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4164.16

Sample wt/vol: 10.06 (g/ml) G Lab File ID: BNA01904.D

Level: (low/med) LOW Date Received: 12/31/98

% Moisture: 17.33 decanted: (Y/N) N Date Extracted: 01/04/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/13/99

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	18.47	1600	JN
2. 074685-30-6	5-Eicosene, (E)-	23.93	2100	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-53

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4164 Location: M-14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4164.18

Sample wt/vol: 10.05 (g/ml) G Lab File ID: BNA01905.D

Level: (low/med) LOW Date Received: 12/31/98

% Moisture: 15.19 decanted:(Y/N) N Date Extracted: 01/04/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/13/99

Injection Volume: 1.0 (uL) 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.

B-53

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4164 Location: M-14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4164.18

Sample wt/vol: 10.05 (g/ml) G Lab File ID: BNA01905.D

Level: (low/med) LOW Date Received: 12/31/98

% Moisture: 15.19 decanted:(Y/N) N Date Extracted: 01/04/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/13/99

Injection Volume: 1.0 (uL) 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	720	JB
206-44-0	Fluoranthene	130	J
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	1200	U
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.

B-53

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4164 Location: M-14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4164.18

Sample wt/vol: 10.05 (g/ml) G Lab File ID: BNA01905.D

Level: (low/med) LOW Date Received: 12/31/98

% Moisture: 15.19 decanted: (Y/N) N Date Extracted: 01/04/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/13/99

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	18.48	3800	JN
2. 074685-33-9	3-Eicosene, (E)-	23.93	2900	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-54

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4169 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4169.02

Sample wt/vol: 9.73 (g/ml) G Lab File ID: BNA01909.D

Level: (low/med) LOW Date Received: 01/05/99

% Moisture: 12 decanted:(Y/N) N Date Extracted: 01/07/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/13/99

Injection Volume: 1.0 (uL) 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.

B-54

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4169 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4169.02

Sample wt/vol: 9.73 (g/ml) G Lab File ID: BNA01909.D

Level: (low/med) LOW Date Received: 01/05/99

% Moisture: 12 decanted:(Y/N) N Date Extracted: 01/07/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/13/99

Injection Volume: 1.0 (uL) 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	130	J
120-12-7	Anthracene	1200	U
84-74-2	Di-n-butylphthalate	330	JB
206-44-0	Fluoranthene	220	J
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	240	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	120	J
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	130	J
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.

B-54

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4169 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4169.02

Sample wt/vol: 9.73 (g/ml) G Lab File ID: BNA01909.D

Level: (low/med) LOW Date Received: 01/05/99

% Moisture: 12 decanted: (Y/N) N Date Extracted: 01/07/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/13/99

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	23.93	3500	JN
2. 001599-67-3	1-Docosene	25.45	1000	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-55

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4169 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4169.04

Sample wt/vol: 10.05 (g/ml) G Lab File ID: BNA01919.D

Level: (low/med) LOW Date Received: 01/05/99

% Moisture: 17.34 decanted:(Y/N) N Date Extracted: 01/07/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/14/99

Injection Volume: 1.0 (uL) 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.

B-55

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4169 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4169.04

Sample wt/vol: 10.05 (g/ml) G Lab File ID: BNA01919.D

Level: (low/med) LOW Date Received: 01/05/99

% Moisture: 17.34 decanted:(Y/N) N Date Extracted: 01/07/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/14/99

Injection Volume: 1.0 (uL) 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	1900	B
206-44-0	Fluoranthene	1200	U
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	1200	U
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	140	JB
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.

B-55

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4169 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4169.04

Sample wt/vol: 10.05 (g/ml) G Lab File ID: BNA01919.D

Level: (low/med) LOW Date Received: 01/05/99

% Moisture: 17.34 decanted: (Y/N) N Date Extracted: 01/07/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/14/99

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	18.46	1200	JN
2. 074685-30-6	5-Eicosene, (E)-	23.91	2200	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-56

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4169 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4169.06

Sample wt/vol: 10.49 (g/ml) G Lab File ID: BNA01920.D

Level: (low/med) LOW Date Received: 01/05/99

% Moisture: 16.14 decanted:(Y/N) N Date Extracted: 01/07/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/14/99

Injection Volume: 1.0 (uL) 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.

B-56

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4169 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4169.06

Sample wt/vol: 10.49 (g/ml) G Lab File ID: BNA01920.D

Level: (low/med) LOW Date Received: 01/05/99

% Moisture: 16.14 decanted:(Y/N) N Date Extracted: 01/07/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/14/99

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	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	1100	JB
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
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.

B-56

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4169 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4169.06

Sample wt/vol: 10.49 (g/ml) G Lab File ID: BNA01920.D

Level: (low/med) LOW Date Received: 01/05/99

% Moisture: 16.14 decanted: (Y/N) N Date Extracted: 01/07/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/14/99

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)-	23.91	2000	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-57

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4169 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4169.08

Sample wt/vol: 11.01 (g/ml) G Lab File ID: BNA01921.D

Level: (low/med) LOW Date Received: 01/05/99

% Moisture: 16.34 decanted:(Y/N) N Date Extracted: 01/07/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/14/99

Injection Volume: 1.0 (uL) 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.

B-57

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4169 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4169.08

Sample wt/vol: 11.01 (g/ml) G Lab File ID: BNA01921.D

Level: (low/med) LOW Date Received: 01/05/99

% Moisture: 16.34 decanted:(Y/N) N Date Extracted: 01/07/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/14/99

Injection Volume: 1.0 (uL) 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	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	19000	EB
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
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.

B-57

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4169 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4169.08

Sample wt/vol: 11.01 (g/ml) G Lab File ID: BNA01921.D

Level: (low/med) LOW Date Received: 01/05/99

% Moisture: 16.34 decanted: (Y/N) N Date Extracted: 01/07/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/14/99

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	18.46	1200	JN
2. 074685-33-9	3-Eicosene, (E)-	23.91	1500	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-57

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4169 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4169.08 (1:5)

Sample wt/vol: 11.01 (g/ml) G Lab File ID: BNA01930.D

Level: (low/med) LOW Date Received: 01/05/99

% Moisture: 16.34 decanted:(Y/N) N Date Extracted: 01/07/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/15/99

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	5400	U
62-75-9	N-nitroso-dimethylamine	5400	U
62-53-3	Aniline	5400	U
108-95-2	Phenol	5400	U
111-44-4	bis(2-Chloroethyl)ether	5400	U
95-57-8	2-Chlorophenol	5400	U
541-73-1	1,3-Dichlorobenzene	5400	U
106-46-7	1,4-Dichlorobenzene	5400	U
100-51-6	Benzyl alcohol	5400	U
95-50-1	1,2-Dichlorobenzene	5400	U
	2-Methylphenol	5400	U
108-60-1	bis(2-chloroisopropyl)ether	5400	U
	4-Methylphenol	5400	U
621-64-7	n-Nitroso-di-n-propylamine	5400	U
67-72-1	Hexachloroethane	5400	U
98-95-3	Nitrobenzene	5400	U
78-59-1	Isophorone	5400	U
88-75-5	2-Nitrophenol	5400	U
105-67-9	2,4-Dimethylphenol	5400	U
111-91-1	bis(2-Chloroethoxy)methane	5400	U
120-83-2	2,4-Dichlorophenol	5400	U
65-85-0	Benzoic Acid	5400	U
120-82-1	1,2,4-Trichlorobenzene	5400	U
91-20-3	Naphthalene	5400	U
106-47-8	4-Chloroaniline	5400	U
87-68-3	Hexachlorobutadiene	5400	U
59-50-7	4-Chloro-3-methylphenol	5400	U
91-57-6	2-Methylnaphthalene	5400	U
77-47-4	Hexachlorocyclopentadiene	5400	U
88-06-2	2,4,6-Trichlorophenol	5400	U
	2,4,5-Trichlorophenol	5400	U
91-58-7	2-Chloronaphthalene	5400	U
88-74-4	2-Nitroaniline	5400	U
131-11-3	Dimethylphthalate	5400	U
208-96-8	Acenaphthylene	5400	U
606-20-2	2,6-Dinitrotoluene	5400	U
99-09-2	3-Nitroaniline	5400	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-57

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4169 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4169.08 (1:5)

Sample wt/vol: 11.01 (g/ml) G Lab File ID: BNA01930.D

Level: (low/med) LOW Date Received: 01/05/99

% Moisture: 16.34 decanted:(Y/N) N Date Extracted: 01/07/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/15/99

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	5400	U
51-28-5	2,4-Dinitrophenol	5400	U
132-64-9	Dibenzofuran	5400	U
100-02-7	4-Nitrophenol	5400	U
121-14-2	2,4-Dinitrotoluene	5400	U
84-66-2	Diethylphthalate	5400	U
86-73-7	Fluorene	5400	U
7005-72-3	4-Chlorophenyl-phenylether	5400	U
100-01-6	4-Nitroaniline	5400	U
534-52-1	4,6-Dinitro-2-methylphenol	5400	U
86-30-6	n-Nitrosodiphenylamine	5400	U
103-33-3	Azobenzene	5400	U
101-55-3	4-Bromophenyl-phenylether	5400	U
118-74-1	Hexachlorobenzene	5400	U
87-86-5	Pentachlorophenol	5400	U
85-01-8	Phenanthrene	5400	U
120-12-7	Anthracene	5400	U
84-74-2	Di-n-butylphthalate	22000	BD
206-44-0	Fluoranthene	5400	U
92-87-5	Benzidine	5400	U
129-00-0	Pyrene	5400	U
85-68-7	Butylbenzylphthalate	5400	U
56-55-3	Benzo[a]anthracene	5400	U
91-94-1	3,3'-Dichlorobenzidine	5400	U
218-01-9	Chrysene	5400	U
117-81-7	bis(2-Ethylhexyl)phthalate	5400	U
117-84-0	Di-n-octylphthalate	5400	U
205-99-2	Benzo[b]fluoranthene	5400	U
207-08-9	Benzo[k]fluoranthene	5400	U
50-32-8	Benzo[a]pyrene	5400	U
193-39-5	Indeno[1,2,3-cd]pyrene	5400	U
53-70-3	Dibenz[a,h]anthracene	5400	U
191-24-2	Benzo[g,h,i]perylene	5400	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-58

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4169 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4169.10

Sample wt/vol: 10.23 (g/ml) G Lab File ID: BNA01922.D

Level: (low/med) LOW Date Received: 01/05/99

% Moisture: 14.97 decanted:(Y/N) N Date Extracted: 01/07/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/14/99

Injection Volume: 1.0 (uL) 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.

B-58

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4169 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4169.10

Sample wt/vol: 10.23 (g/ml) G Lab File ID: BNA01922.D

Level: (low/med) LOW Date Received: 01/05/99

% Moisture: 14.97 decanted:(Y/N) N Date Extracted: 01/07/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/14/99

Injection Volume: 1.0 (uL) 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	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	2000	B
206-44-0	Fluoranthene	180	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	190	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	130	JB
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.

B-58

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4169 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4169.10

Sample wt/vol: 10.23 (g/ml) G Lab File ID: BNA01922.D

Level: (low/med) LOW Date Received: 01/05/99

% Moisture: 14.97 decanted: (Y/N) N Date Extracted: 01/07/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/14/99

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. 017851-53-5	1,2-Benzenedicarboxylic acid, but	18.47	1800	JN
2. 074685-30-6	5-Eicosene, (E)-	23.92	1900	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-59

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4169 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4169.12

Sample wt/vol: 10.41 (g/ml) G Lab File ID: BNA01923.D

Level: (low/med) LOW Date Received: 01/05/99

% Moisture: 14.26 decanted:(Y/N) N Date Extracted: 01/07/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/14/99

Injection Volume: 1.0 (uL) 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.

B-59

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4169 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4169.12

Sample wt/vol: 10.41 (g/ml) G Lab File ID: BNA01923.D

Level: (low/med) LOW Date Received: 01/05/99

% Moisture: 14.26 decanted:(Y/N) N Date Extracted: 01/07/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/14/99

Injection Volume: 1.0 (uL) 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	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	900	JB
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
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.

B-59

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4169 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4169.12

Sample wt/vol: 10.41 (g/ml) G Lab File ID: BNA01923.D

Level: (low/med) LOW Date Received: 01/05/99

% Moisture: 14.26 decanted: (Y/N) N Date Extracted: 01/07/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/14/99

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. 074685-33-9	3-Eicosene, (E)-	23.91	1700	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-60

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4169 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4169.14

Sample wt/vol: 10.65 (g/ml) G Lab File ID: BNA01945.D

Level: (low/med) LOW Date Received: 01/05/99

% Moisture: 15.89 decanted:(Y/N) N Date Extracted: 01/07/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/15/99

Injection Volume: 1.0 (uL) 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	3600	
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	480	J
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.

B-60

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4169 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4169.14

Sample wt/vol: 10.65 (g/ml) G Lab File ID: BNA01945.D

Level: (low/med) LOW Date Received: 01/05/99

% Moisture: 15.89 decanted:(Y/N) N Date Extracted: 01/07/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/15/99

Injection Volume: 1.0 (uL) 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	7300	
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	4200	
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	8100	
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	39000	E
120-12-7	Anthracene	14000	E
84-74-2	Di-n-butylphthalate	230	JB
206-44-0	Fluoranthene	43000	E
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	33000	E
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	24000	E
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	20000	E
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	46000	E
207-08-9	Benzo[k]fluoranthene	26000	E
50-32-8	Benzo[a]pyrene	27000	E
193-39-5	Indeno[1,2,3-cd]pyrene	13000	
53-70-3	Dibenz[a,h]anthracene	1100	J
191-24-2	Benzo[g,h,i]perylene	14000	E

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-60

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4169 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4169.14

Sample wt/vol: 10.65 (g/ml) G Lab File ID: BNA01945.D

Level: (low/med) LOW Date Received: 01/05/99

% Moisture: 15.89 decanted: (Y/N) N Date Extracted: 01/07/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/15/99

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. 000238-84-6	11H-Benzo[a]fluorene	21.79	1600	JN
2. 000243-17-4	11H-Benzo[b]fluorene	21.94	1600	JN
3.	unknown	23.29	1700	J
4. 025732-74-5	3,4-Dihydrocyclopenta(cd)pyrene	24.07	2000	JN
5. 000243-51-6	11H-Indeno(1,2-B)quinoline	24.29	960	JN
6. 000192-97-2	Benzo[e]pyrene	26.40	6200	JN
7.	unknown	26.88	29000	J
8. 000198-55-0	Perylene	27.01	7200	JN
9.	unknown	27.28	1800	J
10.	unknown	27.76	1900	J
11.	unknown	28.70	3200	J
12. 000000-00-0	1,2:7,8-Dibenzphenanthrene	29.08	1900	JN
13.	unknown	29.15	2000	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-60

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4169 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4169.14 (1:20)

Sample wt/vol: 10.65 (g/ml) G Lab File ID: BNA01948.D

Level: (low/med) LOW Date Received: 01/05/99

% Moisture: 15.89 decanted:(Y/N) N Date Extracted: 01/07/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/19/99

Injection Volume: 1.0 (uL) Dilution Factor: 20.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	22000	U
62-75-9	N-nitroso-dimethylamine	22000	U
62-53-3	Aniline	22000	U
108-95-2	Phenol	22000	U
111-44-4	bis(2-Chloroethyl)ether	22000	U
95-57-8	2-Chlorophenol	22000	U
541-73-1	1,3-Dichlorobenzene	22000	U
106-46-7	1,4-Dichlorobenzene	22000	U
100-51-6	Benzyl alcohol	22000	U
95-50-1	1,2-Dichlorobenzene	22000	U
	2-Methylphenol	22000	U
108-60-1	bis(2-chloroisopropyl)ether	22000	U
	4-Methylphenol	22000	U
621-64-7	n-Nitroso-di-n-propylamine	22000	U
67-72-1	Hexachloroethane	22000	U
98-95-3	Nitrobenzene	22000	U
78-59-1	Isophorone	22000	U
88-75-5	2-Nitrophenol	22000	U
105-67-9	2,4-Dimethylphenol	22000	U
111-91-1	bis(2-Chloroethoxy)methane	22000	U
120-83-2	2,4-Dichlorophenol	22000	U
65-85-0	Benzoic Acid	22000	U
120-82-1	1,2,4-Trichlorobenzene	22000	U
91-20-3	Naphthalene	3100	JD
106-47-8	4-Chloroaniline	22000	U
87-68-3	Hexachlorobutadiene	22000	U
59-50-7	4-Chloro-3-methylphenol	22000	U
91-57-6	2-Methylnaphthalene	22000	U
77-47-4	Hexachlorocyclopentadiene	22000	U
88-06-2	2,4,6-Trichlorophenol	22000	U
	2,4,5-Trichlorophenol	22000	U
91-58-7	2-Chloronaphthalene	22000	U
88-74-4	2-Nitroaniline	22000	U
131-11-3	Dimethylphthalate	22000	U
208-96-8	Acenaphthylene	22000	U
606-20-2	2,6-Dinitrotoluene	22000	U
99-09-2	3-Nitroaniline	22000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-60

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4169 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4169.14 (1:20)

Sample wt/vol: 10.65 (g/ml) G Lab File ID: BNA01948.D

Level: (low/med) LOW Date Received: 01/05/99

% Moisture: 15.89 decanted:(Y/N) N Date Extracted: 01/07/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/19/99

Injection Volume: 1.0 (uL) Dilution Factor: 20.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	5600	JD
51-28-5	2,4-Dinitrophenol	22000	U
132-64-9	Dibenzofuran	3400	JD
100-02-7	4-Nitrophenol	22000	U
121-14-2	2,4-Dinitrotoluene	22000	U
84-66-2	Diethylphthalate	22000	U
86-73-7	Fluorene	6300	JD
7005-72-3	4-Chlorophenyl-phenylether	22000	U
100-01-6	4-Nitroaniline	22000	U
534-52-1	4,6-Dinitro-2-methylphenol	22000	U
86-30-6	n-Nitrosodiphenylamine	22000	U
103-33-3	Azobenzene	22000	U
101-55-3	4-Bromophenyl-phenylether	22000	U
118-74-1	Hexachlorobenzene	22000	U
87-86-5	Pentachlorophenol	22000	U
85-01-8	Phenanthrene	76000	D
120-12-7	Anthracene	17000	JD
84-74-2	Di-n-butylphthalate	22000	U
206-44-0	Fluoranthene	89000	D
92-87-5	Benzidine	22000	U
129-00-0	Pyrene	60000	D
85-68-7	Butylbenzylphthalate	22000	U
56-55-3	Benzo[a]anthracene	27000	D
91-94-1	3,3'-Dichlorobenzidine	22000	U
218-01-9	Chrysene	29000	D
117-81-7	bis(2-Ethylhexyl)phthalate	22000	U
117-84-0	Di-n-octylphthalate	22000	U
205-99-2	Benzo[b]fluoranthene	23000	D
207-08-9	Benzo[k]fluoranthene	25000	D
50-32-8	Benzo[a]pyrene	26000	D
193-39-5	Indeno[1,2,3-cd]pyrene	14000	JD
53-70-3	Dibenz[a,h]anthracene	3100	JD
191-24-2	Benzo[g,h,i]perylene	18000	JD

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-61

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4169 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4169.16

Sample wt/vol: 10.84 (g/ml) G Lab File ID: BNA01924.D

Level: (low/med) LOW Date Received: 01/05/99

% Moisture: 18.37 decanted:(Y/N) N Date Extracted: 01/07/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/14/99

Injection Volume: 1.0 (uL) 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.

B-61

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4169 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4169.16

Sample wt/vol: 10.84 (g/ml) G Lab File ID: BNA01924.D

Level: (low/med) LOW Date Received: 01/05/99

% Moisture: 18.37 decanted:(Y/N) N Date Extracted: 01/07/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/14/99

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	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	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	330	JB
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
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.

B-61

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4169 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4169.16

Sample wt/vol: 10.84 (g/ml) G Lab File ID: BNA01924.D

Level: (low/med) LOW Date Received: 01/05/99

% Moisture: 18.37 decanted: (Y/N) N Date Extracted: 01/07/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/14/99

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	23.92	2700	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-62

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4169 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4169.18

Sample wt/vol: 10.54 (g/ml) G Lab File ID: BNA01925.D

Level: (low/med) LOW Date Received: 01/05/99

% Moisture: 13.66 decanted:(Y/N) N Date Extracted: 01/07/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/14/99

Injection Volume: 1.0 (uL) 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.

B-62

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4169 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4169.18

Sample wt/vol: 10.54 (g/ml) G Lab File ID: BNA01925.D

Level: (low/med) LOW Date Received: 01/05/99

% Moisture: 13.66 decanted:(Y/N) N Date Extracted: 01/07/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/14/99

Injection Volume: 1.0 (uL) 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	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	340	JB
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
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.

B-62

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4169 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4169.18

Sample wt/vol: 10.54 (g/ml) G Lab File ID: BNA01925.D

Level: (low/med) LOW Date Received: 01/05/99

% Moisture: 13.66 decanted: (Y/N) N Date Extracted: 01/07/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/14/99

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. 074685-33-9	3-Eicosene, (E)-	23.91	2400	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-63

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4169 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4169.20

Sample wt/vol: 10.13 (g/ml) G Lab File ID: BNA01926.D

Level: (low/med) LOW Date Received: 01/05/99

% Moisture: 16.9 decanted:(Y/N) N Date Extracted: 01/07/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/14/99

Injection Volume: 1.0 (uL) 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.

B-63

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4169 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4169.20

Sample wt/vol: 10.13 (g/ml) G Lab File ID: BNA01926.D

Level: (low/med) LOW Date Received: 01/05/99

% Moisture: 16.9 decanted:(Y/N) N Date Extracted: 01/07/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/14/99

Injection Volume: 1.0 (uL) 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	1800	B
206-44-0	Fluoranthene	130	J
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	120	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	130	JB
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.

B-63

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4169 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4169.20

Sample wt/vol: 10.13 (g/ml) G Lab File ID: BNA01926.D

Level: (low/med) LOW Date Received: 01/05/99

% Moisture: 16.9 decanted: (Y/N) N Date Extracted: 01/07/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/14/99

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	18.46	1600	JN
2. 074685-30-6	5-Eicosene, (E)-	23.92	3600	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-64

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4169 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4169.22

Sample wt/vol: 10.6 (g/ml) G Lab File ID: BNA01927.D

Level: (low/med) LOW Date Received: 01/05/99

% Moisture: 20.05 decanted:(Y/N) N Date Extracted: 01/07/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/14/99

Injection Volume: 1.0 (uL) 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.

B-64

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4169 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4169.22

Sample wt/vol: 10.6 (g/ml) G Lab File ID: BNA01927.D

Level: (low/med) LOW Date Received: 01/05/99

% Moisture: 20.05 decanted:(Y/N) N Date Extracted: 01/07/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/14/99

Injection Volume: 1.0 (uL) 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	490	JB
206-44-0	Fluoranthene	1200	U
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	1200	U
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.

B-64

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4169 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4169.22

Sample wt/vol: 10.6 (g/ml) G Lab File ID: BNA01927.D

Level: (low/med) LOW Date Received: 01/05/99

% Moisture: 20.05 decanted: (Y/N) N Date Extracted: 01/07/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/14/99

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	23.91	1800	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-65

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4169 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4169.24

Sample wt/vol: 10.59 (g/ml) G Lab File ID: BNA01931.D

Level: (low/med) LOW Date Received: 01/05/99

% Moisture: 13.99 decanted:(Y/N) N Date Extracted: 01/07/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/15/99

Injection Volume: 1.0 (uL) 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.

B-65

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4169 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4169.24

Sample wt/vol: 10.59 (g/ml) G Lab File ID: BNA01931.D

Level: (low/med) LOW Date Received: 01/05/99

% Moisture: 13.99 decanted:(Y/N) N Date Extracted: 01/07/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/15/99

Injection Volume: 1.0 (uL) 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	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	1200	B
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
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	140	JB
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.

B-65

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4169 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4169.24

Sample wt/vol: 10.59 (g/ml) G Lab File ID: BNA01931.D

Level: (low/med) LOW Date Received: 01/05/99

% Moisture: 13.99 decanted: (Y/N) N Date Extracted: 01/07/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/15/99

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	18.46	920	JN
2. 074685-30-6	5-Eicosene, (E)-	23.91	1100	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-66

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4169 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4169.26

Sample wt/vol: 11 (g/ml) G Lab File ID: BNA01932.D

Level: (low/med) LOW Date Received: 01/05/99

% Moisture: 16.53 decanted:(Y/N) N Date Extracted: 01/07/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/15/99

Injection Volume: 1.0 (uL) 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.

B-66

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4169 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4169.26

Sample wt/vol: 11 (g/ml) G Lab File ID: BNA01932.D

Level: (low/med) LOW Date Received: 01/05/99

% Moisture: 16.53 decanted:(Y/N) N Date Extracted: 01/07/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/15/99

Injection Volume: 1.0 (uL) 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	1100	B
206-44-0	Fluoranthene	210	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	230	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	150	J
117-81-7	bis(2-Ethylhexyl)phthalate	120	JB
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	120	J
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.

B-66

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4169 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4169.26

Sample wt/vol: 11 (g/ml) G Lab File ID: BNA01932.D

Level: (low/med) LOW Date Received: 01/05/99

% Moisture: 16.53 decanted: (Y/N) N Date Extracted: 01/07/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/15/99

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	18.46	1000	JN
2. 000789-02-6	o,p'-DDT	22.88	1200	JN
3. 074685-30-6	5-Eicosene, (E)-	23.91	1500	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-67

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4169 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4169.28

Sample wt/vol: 10.53 (g/ml) G Lab File ID: BNA01933.D

Level: (low/med) LOW Date Received: 01/05/99

% Moisture: 17.27 decanted:(Y/N) N Date Extracted: 01/07/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/15/99

Injection Volume: 1.0 (uL) 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.

B-67

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4169 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4169.28

Sample wt/vol: 10.53 (g/ml) G Lab File ID: BNA01933.D

Level: (low/med) LOW Date Received: 01/05/99

% Moisture: 17.27 decanted:(Y/N) N Date Extracted: 01/07/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/15/99

Injection Volume: 1.0 (uL) 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	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	1100	JB
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
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.

B-67

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4169 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4169.28

Sample wt/vol: 10.53 (g/ml) G Lab File ID: BNA01933.D

Level: (low/med) LOW Date Received: 01/05/99

% Moisture: 17.27 decanted: (Y/N) N Date Extracted: 01/07/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/15/99

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	18.46	1000	JN
2. 074685-33-9	3-Eicosene, (E)-	23.91	1500	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-68

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4169 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4169.30

Sample wt/vol: 10.02 (g/ml) G Lab File ID: BNA01934.D

Level: (low/med) LOW Date Received: 01/05/99

% Moisture: 18.48 decanted:(Y/N) N Date Extracted: 01/07/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/15/99

Injection Volume: 1.0 (uL) 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.

B-68

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4169 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4169.30

Sample wt/vol: 10.02 (g/ml) G Lab File ID: BNA01934.D

Level: (low/med) LOW Date Received: 01/05/99

% Moisture: 18.48 decanted:(Y/N) N Date Extracted: 01/07/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/15/99

Injection Volume: 1.0 (uL) 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	1700	B
206-44-0	Fluoranthene	1200	U
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	1200	U
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.

B-68

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4169 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4169.30

Sample wt/vol: 10.02 (g/ml) G Lab File ID: BNA01934.D

Level: (low/med) LOW Date Received: 01/05/99

% Moisture: 18.48 decanted: (Y/N) N Date Extracted: 01/07/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/15/99

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	18.46	1400	JN
2. 000629-96-9	1-Eicosanol	23.91	1900	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-69

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4169 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4169.32

Sample wt/vol: 10.17 (g/ml) G Lab File ID: BNA01935.D

Level: (low/med) LOW Date Received: 01/05/99

% Moisture: 16.28 decanted:(Y/N) N Date Extracted: 01/07/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/15/99

Injection Volume: 1.0 (uL) 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	610	J
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.

B-69

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4169 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4169.32

Sample wt/vol: 10.17 (g/ml) G Lab File ID: BNA01935.D

Level: (low/med) LOW Date Received: 01/05/99

% Moisture: 16.28 decanted:(Y/N) N Date Extracted: 01/07/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/15/99

Injection Volume: 1.0 (uL) 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	1000	JB
206-44-0	Fluoranthene	1200	U
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	1200	U
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.

B-69

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4169 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4169.32

Sample wt/vol: 10.17 (g/ml) G Lab File ID: BNA01935.D

Level: (low/med) LOW Date Received: 01/05/99

% Moisture: 16.28 decanted: (Y/N) N Date Extracted: 01/07/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/15/99

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	18.45	960	JN
2. 074685-30-6	5-Eicosene, (E)-	23.91	2000	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-70

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4169 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4169.34

Sample wt/vol: 10.19 (g/ml) G Lab File ID: BNA01936.D

Level: (low/med) LOW Date Received: 01/05/99

% Moisture: 19.91 decanted:(Y/N) N Date Extracted: 01/07/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/15/99

Injection Volume: 1.0 (uL) 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.

B-70

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4169 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4169.34

Sample wt/vol: 10.19 (g/ml) G Lab File ID: BNA01936.D

Level: (low/med) LOW Date Received: 01/05/99

% Moisture: 19.91 decanted:(Y/N) N Date Extracted: 01/07/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/15/99

Injection Volume: 1.0 (uL) 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	2700	B
206-44-0	Fluoranthene	1200	U
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	1200	U
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.

B-70

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4169 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4169.34

Sample wt/vol: 10.19 (g/ml) G Lab File ID: BNA01936.D

Level: (low/med) LOW Date Received: 01/05/99

% Moisture: 19.91 decanted: (Y/N) N Date Extracted: 01/07/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/15/99

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	18.46	1800	JN
2. 074685-30-6	5-Eicosene, (E)-	23.91	1700	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-71

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4169 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4169.36

Sample wt/vol: 10.16 (g/ml) G Lab File ID: BNA01937.D

Level: (low/med) LOW Date Received: 01/05/99

% Moisture: 16.03 decanted:(Y/N) N Date Extracted: 01/07/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/15/99

Injection Volume: 1.0 (uL) 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.

B-71

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4169 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4169.36

Sample wt/vol: 10.16 (g/ml) G Lab File ID: BNA01937.D

Level: (low/med) LOW Date Received: 01/05/99

% Moisture: 16.03 decanted:(Y/N) N Date Extracted: 01/07/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/15/99

Injection Volume: 1.0 (uL) 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	250	JB
206-44-0	Fluoranthene	1200	U
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	1200	U
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.

B-71

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4169 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4169.36

Sample wt/vol: 10.16 (g/ml) G Lab File ID: BNA01937.D

Level: (low/med) LOW Date Received: 01/05/99

% Moisture: 16.03 decanted: (Y/N) N Date Extracted: 01/07/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/15/99

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	18.45	1300	JN
2. 000112-88-9	1-Octadecene	23.92	2200	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-72

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4173 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4173.02

Sample wt/vol: 10.02 (g/ml) G Lab File ID: BNA01965.D

Level: (low/med) LOW Date Received: 01/06/99

% Moisture: 18.11 decanted:(Y/N) N Date Extracted: 01/07/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/20/99

Injection Volume: 1.0 (uL) 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.

B-72

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4173 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4173.02

Sample wt/vol: 10.02 (g/ml) G Lab File ID: BNA01965.D

Level: (low/med) LOW Date Received: 01/06/99

% Moisture: 18.11 decanted:(Y/N) N Date Extracted: 01/07/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/20/99

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	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	660	JB
206-44-0	Fluoranthene	1200	U
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	1200	U
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.

B-72

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4173 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4173.02

Sample wt/vol: 10.02 (g/ml) G Lab File ID: BNA01965.D

Level: (low/med) LOW Date Received: 01/06/99

% Moisture: 18.11 decanted: (Y/N) N Date Extracted: 01/07/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/20/99

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	18.45	3800	JN
2. 001454-84-8	1-Nonadecanol	23.90	2000	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-73

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4173 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4173-04

Sample wt/vol: 10.12 (g/ml) G Lab File ID: BNA01960.D

Level: (low/med) LOW Date Received: 01/06/99

% Moisture: 11.99 decanted:(Y/N) N Date Extracted: 01/07/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/19/99

Injection Volume: 1.0 (uL) 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.

B-73

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4173 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4173-04

Sample wt/vol: 10.12 (g/ml) G Lab File ID: BNA01960.D

Level: (low/med) LOW Date Received: 01/06/99

% Moisture: 11.99 decanted:(Y/N) N Date Extracted: 01/07/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/19/99

Injection Volume: 1.0 (uL) 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	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	280	JB
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
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.

B-73

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4173 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4173-04

Sample wt/vol: 10.12 (g/ml) G Lab File ID: BNA01960.D

Level: (low/med) LOW Date Received: 01/06/99

% Moisture: 11.99 decanted: (Y/N) N Date Extracted: 01/07/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/19/99

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	18.45	1600	JN
2. 001454-84-8	1-Nonadecanol	23.91	2200	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-74

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4173 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4173.06

Sample wt/vol: 10.16 (g/ml) G Lab File ID: BNA01966.D

Level: (low/med) LOW Date Received: 01/06/99

% Moisture: 14.1 decanted:(Y/N) N Date Extracted: 01/07/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/20/99

Injection Volume: 1.0 (uL) 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.

B-74

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4173 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4173.06

Sample wt/vol: 10.16 (g/ml) G Lab File ID: BNA01966.D

Level: (low/med) LOW Date Received: 01/06/99

% Moisture: 14.1 decanted:(Y/N) N Date Extracted: 01/07/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/20/99

Injection Volume: 1.0 (uL) 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	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	1300	B
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
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	130	J
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.

B-74

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4173 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4173.06

Sample wt/vol: 10.16 (g/ml) G Lab File ID: BNA01966.D

Level: (low/med) LOW Date Received: 01/06/99

% Moisture: 14.1 decanted: (Y/N) N Date Extracted: 01/07/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/20/99

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	18.46	4400	JN
2.	unknown	20.70	7000	J
3. 074685-30-6	5-Eicosene, (E)-	23.91	3500	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-75

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4173 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4173.08

Sample wt/vol: 10.08 (g/ml) G Lab File ID: BNA01981.D

Level: (low/med) LOW Date Received: 01/06/99

% Moisture: 17.01 decanted:(Y/N) N Date Extracted: 01/07/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/21/99

Injection Volume: 1.0 (uL) 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.

B-75

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4173 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4173.08

Sample wt/vol: 10.08 (g/ml) G Lab File ID: BNA01981.D

Level: (low/med) LOW Date Received: 01/06/99

% Moisture: 17.01 decanted:(Y/N) N Date Extracted: 01/07/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/21/99

Injection Volume: 1.0 (uL) 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	210	J
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	1200	JB
206-44-0	Fluoranthene	180	J
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.

B-75

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4173 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4173.08

Sample wt/vol: 10.08 (g/ml) G Lab File ID: BNA01981.D

Level: (low/med) LOW Date Received: 01/06/99

% Moisture: 17.01 decanted: (Y/N) N Date Extracted: 01/07/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/21/99

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	18.45	5300	JN
2. 000112-88-9	1-Octadecene	23.90	3000	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-76

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4173 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4173.10

Sample wt/vol: 10.05 (g/ml) G Lab File ID: BNA01977.D

Level: (low/med) LOW Date Received: 01/06/99

% Moisture: 14.71 decanted:(Y/N) N Date Extracted: 01/07/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/20/99

Injection Volume: 1.0 (uL) 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	160	J
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	130	J
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.

B-76

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4173 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4173.10

Sample wt/vol: 10.05 (g/ml) G Lab File ID: BNA01977.D

Level: (low/med) LOW Date Received: 01/06/99

% Moisture: 14.71 decanted:(Y/N) N Date Extracted: 01/07/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/20/99

Injection Volume: 1.0 (uL) 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	
51-28-5	2,4-Dinitrophenol	1200	U
132-64-9	Dibenzofuran	720	J
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	1500	
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	20000	E
120-12-7	Anthracene	6400	
84-74-2	Di-n-butylphthalate	910	JB
206-44-0	Fluoranthene	28000	E
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	18000	E
85-68-7	Butylbenzylphthalate	1200	U
56-55-3	Benzo[a]anthracene	11000	
91-94-1	3,3'-Dichlorobenzidine	1200	U
218-01-9	Chrysene	11000	
117-81-7	bis(2-Ethylhexyl)phthalate	1200	U
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo[b]fluoranthene	11000	
207-08-9	Benzo[k]fluoranthene	6600	
50-32-8	Benzo[a]pyrene	10000	
193-39-5	Indeno[1,2,3-cd]pyrene	4100	
53-70-3	Dibenz[a,h]anthracene	1200	
191-24-2	Benzo[g,h,i]perylene	4600	

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-76

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4173 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4173.10

Sample wt/vol: 10.05 (g/ml) G Lab File ID: BNA01977.D

Level: (low/med) LOW Date Received: 01/06/99

% Moisture: 14.71 decanted: (Y/N) N Date Extracted: 01/07/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/20/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 14 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000132-65-0	Dibenzothiophene	17.28	1100	JN
2. 017851-53-5	1,2-Benzenedicarboxylic acid, but	18.45	2600	JN
3. 002531-84-2	Phenanthrene, 2-methyl-	18.75	1800	JN
4. 000832-64-4	Phenanthrene, 4-methyl-	18.81	2300	JN
5. 000613-12-7	Anthracene, 2-methyl-	18.90	1200	JN
6. 000203-64-5	4H-Cyclopenta[def]phenanthrene	18.98	2500	JN
7. 000779-02-2	Anthracene, 9-methyl-	19.05	1200	JN
8. 035465-71-5	2-Phenylnaphthalene	19.50	1400	JN
9. 000629-96-9	1-Eicosanol	23.91	970	JN
10. 000192-97-2	Benzo[e]pyrene	26.33	2100	JN
11. 000198-55-0	Perylene	26.66	5800	JN
12. 001948-92-1	4-Nitro-4'-aminodiphenylsulphone	28.66	1500	JN
13. 000000-00-0	1,2:7,8-Dibenzphenanthrene	29.03	1300	JN
14.	unknown	29.09	1000	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-76

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4173 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4173.10 (1:10)

Sample wt/vol: 10.05 (g/ml) G Lab File ID: BNA01984.D

Level: (low/med) LOW Date Received: 01/06/99

% Moisture: 14.71 decanted:(Y/N) N Date Extracted: 01/07/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/21/99

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	12000	U
62-75-9	N-nitroso-dimethylamine	12000	U
62-53-3	Aniline	12000	U
108-95-2	Phenol	12000	U
111-44-4	bis(2-Chloroethyl)ether	12000	U
95-57-8	2-Chlorophenol	12000	U
541-73-1	1,3-Dichlorobenzene	12000	U
106-46-7	1,4-Dichlorobenzene	12000	U
100-51-6	Benzyl alcohol	12000	U
95-50-1	1,2-Dichlorobenzene	12000	U
	2-Methylphenol	12000	U
108-60-1	bis(2-chloroisopropyl)ether	12000	U
	4-Methylphenol	12000	U
621-64-7	n-Nitroso-di-n-propylamine	12000	U
67-72-1	Hexachloroethane	12000	U
98-95-3	Nitrobenzene	12000	U
78-59-1	Isophorone	12000	U
88-75-5	2-Nitrophenol	12000	U
105-67-9	2,4-Dimethylphenol	12000	U
111-91-1	bis(2-Chloroethoxy)methane	12000	U
120-83-2	2,4-Dichlorophenol	12000	U
65-85-0	Benzoic Acid	12000	U
120-82-1	1,2,4-Trichlorobenzene	12000	U
91-20-3	Naphthalene	12000	U
106-47-8	4-Chloroaniline	12000	U
87-68-3	Hexachlorobutadiene	12000	U
59-50-7	4-Chloro-3-methylphenol	12000	U
91-57-6	2-Methylnaphthalene	12000	U
77-47-4	Hexachlorocyclopentadiene	12000	U
88-06-2	2,4,6-Trichlorophenol	12000	U
	2,4,5-Trichlorophenol	12000	U
91-58-7	2-Chloronaphthalene	12000	U
88-74-4	2-Nitroaniline	12000	U
131-11-3	Dimethylphthalate	12000	U
208-96-8	Acenaphthylene	12000	U
606-20-2	2,6-Dinitrotoluene	12000	U
99-09-2	3-Nitroaniline	12000	U

000906

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-76

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4173 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4173.10 (1:10)

Sample wt/vol: 10.05 (g/ml) G Lab File ID: BNA01984.D

Level: (low/med) LOW Date Received: 01/06/99

% Moisture: 14.71 decanted:(Y/N) N Date Extracted: 01/07/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/21/99

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	12000	U
51-28-5	2,4-Dinitrophenol	12000	U
132-64-9	Dibenzofuran	12000	U
100-02-7	4-Nitrophenol	12000	U
121-14-2	2,4-Dinitrotoluene	12000	U
84-66-2	Diethylphthalate	12000	U
86-73-7	Fluorene	12000	U
7005-72-3	4-Chlorophenyl-phenylether	12000	U
100-01-6	4-Nitroaniline	12000	U
534-52-1	4,6-Dinitro-2-methylphenol	12000	U
86-30-6	n-Nitrosodiphenylamine	12000	U
103-33-3	Azobenzene	12000	U
101-55-3	4-Bromophenyl-phenylether	12000	U
118-74-1	Hexachlorobenzene	12000	U
87-86-5	Pentachlorophenol	12000	U
85-01-8	Phenanthrene	16000	D
120-12-7	Anthracene	4300	JD
84-74-2	Di-n-butylphthalate	12000	U
206-44-0	Fluoranthene	25000	D
92-87-5	Benzidine	12000	U
129-00-0	Pyrene	18000	D
85-68-7	Butylbenzylphthalate	12000	U
56-55-3	Benzo[a]anthracene	8400	JD
91-94-1	3,3'-Dichlorobenzidine	12000	U
218-01-9	Chrysene	8400	JD
117-81-7	bis(2-Ethylhexyl)phthalate	12000	U
117-84-0	Di-n-octylphthalate	12000	U
205-99-2	Benzo[b]fluoranthene	5400	JD
207-08-9	Benzo[k]fluoranthene	6800	JD
50-32-8	Benzo[a]pyrene	6700	JD
193-39-5	Indeno[1,2,3-cd]pyrene	3300	JD
53-70-3	Dibenz[a,h]anthracene	12000	U
191-24-2	Benzo[g,h,i]perylene	4200	JD

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-77

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4173 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4173.12

Sample wt/vol: 10.14 (g/ml) G Lab File ID: BNA01968.D

Level: (low/med) LOW Date Received: 01/06/99

% Moisture: 15.87 decanted:(Y/N) N Date Extracted: 01/07/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/20/99

Injection Volume: 1.0 (uL) 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.

B-77

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4173 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4173.12

Sample wt/vol: 10.14 (g/ml) G Lab File ID: BNA01968.D

Level: (low/med) LOW Date Received: 01/06/99

% Moisture: 15.87 decanted:(Y/N) N Date Extracted: 01/07/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/20/99

Injection Volume: 1.0 (uL) 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	340	JB
206-44-0	Fluoranthene	1200	U
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	1200	U
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.

B-77

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4173 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4173.12

Sample wt/vol: 10.14 (g/ml) G Lab File ID: BNA01968.D

Level: (low/med) LOW Date Received: 01/06/99

% Moisture: 15.87 decanted: (Y/N) N Date Extracted: 01/07/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/20/99

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	18.44	2000	JN
2. 001599-67-3	1-Docosene	23.90	2900	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-78

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4173 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4173.14

Sample wt/vol: 10.09 (g/ml) G Lab File ID: BNA01969.D

Level: (low/med) LOW Date Received: 01/06/99

% Moisture: 14.68 decanted:(Y/N) N Date Extracted: 01/07/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/20/99

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	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.

B-78

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4173 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4173.14

Sample wt/vol: 10.09 (g/ml) G Lab File ID: BNA01969.D

Level: (low/med) LOW Date Received: 01/06/99

% Moisture: 14.68 decanted:(Y/N) N Date Extracted: 01/07/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/20/99

Injection Volume: 1.0 (uL) 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	250	J
120-12-7	Anthracene	1200	U
84-74-2	Di-n-butylphthalate	1400	B
206-44-0	Fluoranthene	280	J
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	430	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	260	J
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	150	J
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.

B-78

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4173 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4173.14

Sample wt/vol: 10.09 (g/ml) G Lab File ID: BNA01969.D

Level: (low/med) LOW Date Received: 01/06/99

% Moisture: 14.68 decanted: (Y/N) N Date Extracted: 01/07/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/20/99

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	18.46	6800	JN
2. 010544-50-0	Sulfur, mol. (S8)	20.10	1700	JN
3. 000072-54-8	1,1-Dichloro-2,2-bis(p-chlorophen	22.21	930	JN
4. 074685-30-6	5-Eicosene, (E)-	23.90	3000	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-79

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4173 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4173.16

Sample wt/vol: 10.14 (g/ml) G Lab File ID: BNA01982.D

Level: (low/med) LOW Date Received: 01/06/99

% Moisture: 17.21 decanted:(Y/N) N Date Extracted: 01/07/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/21/99

Injection Volume: 1.0 (uL) 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.

B-79

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4173 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4173.16

Sample wt/vol: 10.14 (g/ml) G Lab File ID: BNA01982.D

Level: (low/med) LOW Date Received: 01/06/99

% Moisture: 17.21 decanted:(Y/N) N Date Extracted: 01/07/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/21/99

Injection Volume: 1.0 (uL) 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	1000	JB
206-44-0	Fluoranthene	1200	U
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	1200	U
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.

B-79

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4173 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4173.16

Sample wt/vol: 10.14 (g/ml) G Lab File ID: BNA01982.D

Level: (low/med) LOW Date Received: 01/06/99

% Moisture: 17.21 decanted: (Y/N) N Date Extracted: 01/07/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/21/99

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	18.45	4600	JN
2. 074685-30-6	5-Eicosene, (E)-	23.90	3300	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-80

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4173 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4173.18

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA01971.D

Level: (low/med) LOW Date Received: 01/06/99

% Moisture: 14.38 decanted:(Y/N) N Date Extracted: 01/07/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/20/99

Injection Volume: 1.0 (uL) 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.

B-80

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4173 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4173.18

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA01971.D

Level: (low/med) LOW Date Received: 01/06/99

% Moisture: 14.38 decanted:(Y/N) N Date Extracted: 01/07/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/20/99

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	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	1200	B
206-44-0	Fluoranthene	1200	U
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	1200	U
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.

B-80

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4173 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4173.18

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA01971.D

Level: (low/med) LOW Date Received: 01/06/99

% Moisture: 14.38 decanted: (Y/N) N Date Extracted: 01/07/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/20/99

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	18.46	5600	JN
2. 000629-96-9	1-Eicosanol	23.91	3500	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-81

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4173 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4173.20

Sample wt/vol: 10.02 (g/ml) G Lab File ID: BNA01972.D

Level: (low/med) LOW Date Received: 01/06/99

% Moisture: 17.58 decanted:(Y/N) N Date Extracted: 01/07/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/20/99

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.

B-81

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4173 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4173.20

Sample wt/vol: 10.02 (g/ml) G Lab File ID: BNA01972.D

Level: (low/med) LOW Date Received: 01/06/99

% Moisture: 17.58 decanted:(Y/N) N Date Extracted: 01/07/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/20/99

Injection Volume: 1.0 (uL) 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	170	J
120-12-7	Anthracene	1200	U
84-74-2	Di-n-butylphthalate	870	JB
206-44-0	Fluoranthene	430	J
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	340	J
85-68-7	Butylbenzylphthalate	1200	U
56-55-3	Benzo[a]anthracene	190	J
91-94-1	3,3'-Dichlorobenzidine	1200	U
218-01-9	Chrysene	220	J
117-81-7	bis(2-Ethylhexyl)phthalate	1200	U
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo[b]fluoranthene	140	J
207-08-9	Benzo[k]fluoranthene	200	J
50-32-8	Benzo[a]pyrene	190	J
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	140	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-81

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4173 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4173.20

Sample wt/vol: 10.02 (g/ml) G Lab File ID: BNA01972.D

Level: (low/med) LOW Date Received: 01/06/99

% Moisture: 17.58 decanted: (Y/N) N Date Extracted: 01/07/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/20/99

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	18.45	4000	JN
2. 074685-30-6	5-Eicosene, (E)-	23.90	2600	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-82

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4173 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4173.22

Sample wt/vol: 10.05 (g/ml) G Lab File ID: BNA01983.D

Level: (low/med) LOW Date Received: 01/06/99

% Moisture: 15.8 decanted:(Y/N) N Date Extracted: 01/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/21/99

Injection Volume: 1.0 (uL) 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.

B-82

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4173 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4173.22

Sample wt/vol: 10.05 (g/ml) G Lab File ID: BNA01983.D

Level: (low/med) LOW Date Received: 01/06/99

% Moisture: 15.8 decanted:(Y/N) N Date Extracted: 01/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/21/99

Injection Volume: 1.0 (uL) 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	130	J
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	2200	B
206-44-0	Fluoranthene	1200	U
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	1200	U
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.

B-82

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4173 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4173.22

Sample wt/vol: 10.05 (g/ml) G Lab File ID: BNA01983.D

Level: (low/med) LOW Date Received: 01/06/99

% Moisture: 15.8 decanted: (Y/N) N Date Extracted: 01/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/21/99

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	12.48	1300	J
2. 074367-34-3	Propanoic acid, 2-methyl-, 3-hydr	12.77	1600	JN
3. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.44	1600	JN
4. 001599-67-3	1-Docosene	23.89	1800	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-83

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4173 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4173.24

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA01973.D

Level: (low/med) LOW Date Received: 01/06/99

% Moisture: 10.39 decanted:(Y/N) N Date Extracted: 01/07/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/20/99

Injection Volume: 1.0 (uL) 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.

B-83

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4173 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4173.24

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA01973.D

Level: (low/med) LOW Date Received: 01/06/99

% Moisture: 10.39 decanted:(Y/N) N Date Extracted: 01/07/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/20/99

Injection Volume: 1.0 (uL) 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	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	300	JB
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
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.

B-83

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4173 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4173.24

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA01973.D

Level: (low/med) LOW Date Received: 01/06/99

% Moisture: 10.39 decanted: (Y/N) N Date Extracted: 01/07/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/20/99

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. 017851-53-5	1,2-Benzenedicarboxylic acid, but	18.44	1700	JN
2. 074685-30-6	5-Eicosene, (E)-	23.90	2700	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-84

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4173 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4173.26

Sample wt/vol: 10.23 (g/ml) G Lab File ID: BNA01985.D

Level: (low/med) LOW Date Received: 01/06/99

% Moisture: 9.7 decanted:(Y/N) N Date Extracted: 01/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/21/99

Injection Volume: 1.0 (uL) 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.

B-84

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4173 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4173.26

Sample wt/vol: 10.23 (g/ml) G Lab File ID: BNA01985.D

Level: (low/med) LOW Date Received: 01/06/99

% Moisture: 9.7 decanted:(Y/N) N Date Extracted: 01/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/21/99

Injection Volume: 1.0 (uL) 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	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	360	JB
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
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.

B-84

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4173 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4173.26

Sample wt/vol: 10.23 (g/ml) G Lab File ID: BNA01985.D

Level: (low/med) LOW Date Received: 01/06/99

% Moisture: 9.7 decanted: (Y/N) N Date Extracted: 01/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/21/99

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	18.44	2300	JN
2. 074685-30-6	5-Eicosene, (E)-	23.90	2900	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-85

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4173 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4173.28

Sample wt/vol: 10.07 (g/ml) G Lab File ID: BNA01976.D

Level: (low/med) LOW Date Received: 01/06/99

% Moisture: 18.03 decanted:(Y/N) N Date Extracted: 01/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/20/99

Injection Volume: 1.0 (uL) 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.

B-85

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4173 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4173.28

Sample wt/vol: 10.07 (g/ml) G Lab File ID: BNA01976.D

Level: (low/med) LOW Date Received: 01/06/99

% Moisture: 18.03 decanted:(Y/N) N Date Extracted: 01/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/20/99

Injection Volume: 1.0 (uL) 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	1900	B
206-44-0	Fluoranthene	140	J
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	1200	U
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.

B-85

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4173 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4173.28

Sample wt/vol: 10.07 (g/ml) G Lab File ID: BNA01976.D

Level: (low/med) LOW Date Received: 01/06/99

% Moisture: 18.03 decanted: (Y/N) N Date Extracted: 01/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/20/99

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	18.44	1200	JN
2. 000057-11-4	Octadecanoic acid	21.21	1200	JN
3. 001599-67-3	1-Docosene	23.90	2300	JN

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-86

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4173 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4173.30

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA01974.D

Level: (low/med) LOW Date Received: 01/06/99

% Moisture: 16.28 decanted:(Y/N) N Date Extracted: 01/07/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/20/99

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	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.

B-86

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4173 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4173.30

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA01974.D

Level: (low/med) LOW Date Received: 01/06/99

% Moisture: 16.28 decanted:(Y/N) N Date Extracted: 01/07/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/20/99

Injection Volume: 1.0 (uL) 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	1300	B
206-44-0	Fluoranthene	1200	U
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	1200	U
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.

B-86

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4173 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4173.30

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA01974.D

Level: (low/med) LOW Date Received: 01/06/99

% Moisture: 16.28 decanted: (Y/N) N Date Extracted: 01/07/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/20/99

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	18.45	4700	JN
2. 074685-33-9	3-Eicosene, (E)-	23.90	2600	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **B-87**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4177 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4177.02

Sample wt/vol: 10.05 (g/ml) G Lab File ID: BN02650.D

Level: (low/med) LOW Date Received: 1/7/99

% Moisture: 19.12 decanted:(Y/N) N Date Extracted: 1/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/19/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		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: **B-87**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4177 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4177.02

Sample wt/vol: 10.05 (g/ml) G Lab File ID: BN02650.D

Level: (low/med) LOW Date Received: 1/7/99

% Moisture: 19.12 decanted:(Y/N) N Date Extracted: 1/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/19/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
83-32-9	Acenaphthene	150	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	130	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	1500	
120-12-7	Anthracene	370	J
84-74-2	Di-n-butylphthalate	830	JB
206-44-0	Fluoranthene	1700	
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	1500	
85-68-7	Butylbenzylphthalate	1200	U
56-55-3	Benzo[a]anthracene	620	J
91-94-1	3,3'-Dichlorobenzidine	1200	U
218-01-9	Chrysene	880	J
117-81-7	bis(2-Ethylhexyl)phthalate	140	J
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo[b]fluoranthene	480	J
207-08-9	Benzo[k]fluoranthene	520	J
50-32-8	Benzo[a]pyrene	540	J
193-39-5	Indeno[1,2,3-cd]pyrene	270	J
53-70-3	Dibenz[a,h]anthracene	1200	U
191-24-2	Benzo[g,h,i]perylene	260	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **B-87**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4177 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4177.02

Sample wt/vol: 10.05 (g/ml) G Lab File ID: BN02650.D

Level: (low/med) LOW Date Received: 1/7/99

% Moisture: 19.12 decanted: (Y/N) N Date Extracted: 1/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/19/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 5

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000109-21-7	Butanoic acid, butyl ester	13.08	1100	JN
2.	unknown	18.75	4900	J
3. 000057-10-3	Hexadecanoic acid	19.61	1900	JN
4. 001454-84-8	1-Nonadecanol	25.66	1100	JN
5. 001599-67-3	1-Docosene	28.40	1600	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **B-88**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4177 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4177.04

Sample wt/vol: 10.06 (g/ml) G Lab File ID: BN02651.D

Level: (low/med) LOW Date Received: 1/7/99

% Moisture: 12.06 decanted:(Y/N) N Date Extracted: 1/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/19/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

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: **B-88**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4177 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4177.04

Sample wt/vol: 10.06 (g/ml) G Lab File ID: BN02651.D

Level: (low/med) LOW Date Received: 1/7/99

% Moisture: 12.06 decanted:(Y/N) N Date Extracted: 1/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/19/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		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	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	230	JB
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
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: **B-88**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4177 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4177.04

Sample wt/vol: 10.06 (g/ml) G Lab File ID: BN02651.D

Level: (low/med) LOW Date Received: 1/7/99

% Moisture: 12.06 decanted: (Y/N) N Date Extracted: 1/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/19/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

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	18.73	2100	JN
2. 001599-67-3	1-Docosene	24.15	4500	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **B-89**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4177 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4177.06

Sample wt/vol: 10.02 (g/ml) G Lab File ID: BN02652.D

Level: (low/med) LOW Date Received: 1/7/99

% Moisture: 14.18 decanted:(Y/N) N Date Extracted: 1/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/19/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		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: **B-89**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4177 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4177.06

Sample wt/vol: 10.02 (g/ml) G Lab File ID: BN02652.D

Level: (low/med) LOW Date Received: 1/7/99

% Moisture: 14.18 decanted:(Y/N) N Date Extracted: 1/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/19/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		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	310	JB
206-44-0	Fluoranthene	1200	U
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	1200	U
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: **B-89**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4177 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4177.06

Sample wt/vol: 10.02 (g/ml) G Lab File ID: BN02652.D

Level: (low/med) LOW Date Received: 1/7/99

% Moisture: 14.18 decanted: (Y/N) N Date Extracted: 1/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/19/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 4 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-64-0	1,2-Benzenedicarboxylic acid, but	18.74	2900	JN
2. 001599-67-3	1-Docosene	24.15	6100	JN
3. 006971-40-0	17-Pentatriacontene	25.66	1200	JN
4. 000629-96-9	1-Eicosanol	28.39	1600	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **B-90**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4177 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4177.08

Sample wt/vol: 10.03 (g/ml) G Lab File ID: BN02653.D

Level: (low/med) LOW Date Received: 1/7/99

% Moisture: 10.06 decanted:(Y/N) N Date Extracted: 1/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/19/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

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: **B-90**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4177 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4177.08

Sample wt/vol: 10.03 (g/ml) G Lab File ID: BN02653.D

Level: (low/med) LOW Date Received: 1/7/99

% Moisture: 10.06 decanted:(Y/N) N Date Extracted: 1/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/19/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		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	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	700	JB
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
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: **B-90**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4177 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4177.08

Sample wt/vol: 10.03 (g/ml) G Lab File ID: BN02653.D

Level: (low/med) LOW Date Received: 1/7/99

% Moisture: 10.06 decanted: (Y/N) N Date Extracted: 1/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/19/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 7

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	12.80	1600	J
2. 074367-34-3	Propanoic acid, 2-methyl-, 3-hydr	13.08	2000	JN
3. 000084-64-0	1,2-Benzenedicarboxylic acid, but	18.73	1200	JN
4. 001599-67-3	1-Docosene	24.16	5700	JN
5. 006624-79-9	1-Dotriacontanol	25.66	1500	JN
6. 006971-40-0	17-Pentatriacontene	27.08	1000	JN
7. 000112-92-5	1-Octadecanol	28.40	1600	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **B-91**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4177 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4177.10

Sample wt/vol: 10.01 (g/ml) G Lab File ID: BN02654.D

Level: (low/med) LOW Date Received: 1/7/99

% Moisture: 15.73 decanted:(Y/N) N Date Extracted: 1/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/19/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		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: **B-91**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4177 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4177.10

Sample wt/vol: 10.01 (g/ml) G Lab File ID: BN02654.D

Level: (low/med) LOW Date Received: 1/7/99

% Moisture: 15.73 decanted:(Y/N) N Date Extracted: 1/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/19/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		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	210	J
120-12-7	Anthracene	1200	U
84-74-2	Di-n-butylphthalate	920	JB
206-44-0	Fluoranthene	300	J
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	260	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	180	J
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	120	J
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: **B-91**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4177 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4177.10

Sample wt/vol: 10.01 (g/ml) G Lab File ID: BN02654.D

Level: (low/med) LOW Date Received: 1/7/99

% Moisture: 15.73 decanted: (Y/N) N Date Extracted: 1/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/19/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 3 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-64-0	1,2-Benzenedicarboxylic acid, but	18.75	5400	JN
2. 001599-67-3	1-Docosene	24.15	4900	JN
3. 000629-96-9	1-Eicosanol	28.40	1500	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **B-92**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4177 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4177.12

Sample wt/vol: 10.04 (g/ml) G Lab File ID: BN02655.D

Level: (low/med) LOW Date Received: 1/7/99

% Moisture: 15.17 decanted:(Y/N) N Date Extracted: 1/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/19/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		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: **B-92**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4177 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4177.12

Sample wt/vol: 10.04 (g/ml) G Lab File ID: BN02655.D

Level: (low/med) LOW Date Received: 1/7/99

% Moisture: 15.17 decanted:(Y/N) N Date Extracted: 1/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/19/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		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	1500	B
206-44-0	Fluoranthene	1200	U
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	1200	U
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	160	J
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: **B-92**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4177 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4177.12

Sample wt/vol: 10.04 (g/ml) G Lab File ID: BN02655.D

Level: (low/med) LOW Date Received: 1/7/99

% Moisture: 15.17 decanted: (Y/N) N Date Extracted: 1/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/19/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 8 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	12.80	2200	J
2.	unknown	13.08	2900	J
3. 000084-64-0	1,2-Benzenedicarboxylic acid, but	18.74	1800	JN
4. 000112-88-9	1-Octadecene	24.15	7000	JN
5. 000629-96-9	1-Eicosanol	25.66	1300	JN
6. 006971-40-0	17-Pentatriacontene	27.07	1400	JN
7. 001599-67-3	1-Docosene	28.40	2600	JN
8. 006624-79-9	1-Dotriacontanol	29.69	1000	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **B-93**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4177 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4177.14

Sample wt/vol: 10.05 (g/ml) G Lab File ID: BN02658.D

Level: (low/med) LOW Date Received: 1/7/99

% Moisture: 16.2 decanted:(Y/N) N Date Extracted: 1/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/19/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

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: **B-93**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4177 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4177.14

Sample wt/vol: 10.05 (g/ml) G Lab File ID: BN02658.D

Level: (low/med) LOW Date Received: 1/7/99

% Moisture: 16.2 decanted:(Y/N) N Date Extracted: 1/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/19/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		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	1000	JB
206-44-0	Fluoranthene	1200	U
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	1200	U
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	140	J
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: **B-93**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4177 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4177.14

Sample wt/vol: 10.05 (g/ml) G Lab File ID: BN02658.D

Level: (low/med) LOW Date Received: 1/7/99

% Moisture: 16.2 decanted: (Y/N) N Date Extracted: 1/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/19/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 6

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	12.80	1600	J
2. 074367-34-3	Propanoic acid, 2-methyl-, 3-hydr	13.08	2000	JN
3. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.73	1400	JN
4. 000057-10-3	Hexadecanoic acid	19.60	1600	JN
5. 001599-67-3	1-Docosene	24.15	5700	JN
6. 000506-51-4	1-Tetracosanol	28.39	2000	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **B-94**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4177 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4177.16

Sample wt/vol: 10.05 (g/ml) G Lab File ID: BN02659.D

Level: (low/med) LOW Date Received: 1/7/99

% Moisture: 14.38 decanted:(Y/N) N Date Extracted: 1/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/19/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		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: **B-94**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4177 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4177.16

Sample wt/vol: 10.05 (g/ml) G Lab File ID: BN02659.D

Level: (low/med) LOW Date Received: 1/7/99

% Moisture: 14.38 decanted:(Y/N) N Date Extracted: 1/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/19/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		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	200	JB
206-44-0	Fluoranthene	1200	U
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	1200	U
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: **B-94**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4177 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4177.16

Sample wt/vol: 10.05 (g/ml) G Lab File ID: BN02659.D

Level: (low/med) LOW Date Received: 1/7/99

% Moisture: 14.38 decanted: (Y/N) N Date Extracted: 1/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/19/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 5

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000057-10-3	Hexadecanoic acid	19.61	1600	JN
2. 001454-84-8	1-Nonadecanol	24.15	6800	JN
3. 006971-40-0	17-Pentatriacontene	25.66	1200	JN
4. 000629-96-9	1-Eicosanol	28.40	2700	JN
5. 000506-52-5	1-Hexacosanol	29.68	1100	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **B-95**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4177 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4177.18

Sample wt/vol: 10.05 (g/ml) G Lab File ID: BN02660.D

Level: (low/med) LOW Date Received: 1/7/99

% Moisture: 13.65 decanted:(Y/N) N Date Extracted: 1/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/19/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		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: **B-95**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4177 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4177.18

Sample wt/vol: 10.05 (g/ml) G Lab File ID: BN02660.D

Level: (low/med) LOW Date Received: 1/7/99

% Moisture: 13.65 decanted:(Y/N) N Date Extracted: 1/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/19/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		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	270	JB
206-44-0	Fluoranthene	1200	U
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	1200	U
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: **B-95**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4177 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4177.18

Sample wt/vol: 10.05 (g/ml) G Lab File ID: BN02660.D

Level: (low/med) LOW Date Received: 1/7/99

% Moisture: 13.65 decanted: (Y/N) N Date Extracted: 1/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/19/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

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	24.15	5200	JN
2. 006624-79-9	1-Dotriacontanol	25.66	1000	JN
3. 000629-96-9	1-Eicosanol	28.40	2100	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **B-96**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4179 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4179.02

Sample wt/vol: 10.2 (g/ml) G Lab File ID: BN02664.D

Level: (low/med) LOW Date Received: 1/11/99

% Moisture: 28.68 decanted:(Y/N) N Date Extracted: 1/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/20/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		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: **B-96**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4179 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4179.02

Sample wt/vol: 10.2 (g/ml) G Lab File ID: BN02664.D

Level: (low/med) LOW Date Received: 1/11/99

% Moisture: 28.68 decanted:(Y/N) N Date Extracted: 1/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/20/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		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	190	J
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	540	JB
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: **B-96**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4179 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4179.02

Sample wt/vol: 10.2 (g/ml) G Lab File ID: BN02664.D

Level: (low/med) LOW Date Received: 1/11/99

% Moisture: 28.68 decanted: (Y/N) N Date Extracted: 1/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/20/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 2

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000057-10-3	Hexadecanoic acid	19.63	1900	JN
2. 018435-45-5	1-Nonadecene	24.17	5600	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **B-97**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4179 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4179.04

Sample wt/vol: 10.09 (g/ml) G Lab File ID: BN02665.D

Level: (low/med) LOW Date Received: 1/11/99

% Moisture: 13.73 decanted:(Y/N) N Date Extracted: 1/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/20/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		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: **B-97**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4179 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4179.04

Sample wt/vol: 10.09 (g/ml) G Lab File ID: BN02665.D

Level: (low/med) LOW Date Received: 1/11/99

% Moisture: 13.73 decanted:(Y/N) N Date Extracted: 1/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/20/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		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	300	JB
206-44-0	Fluoranthene	1200	U
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	1200	U
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	120	J
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: **B-97**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4179 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4179.04

Sample wt/vol: 10.09 (g/ml) G Lab File ID: BN02665.D

Level: (low/med) LOW Date Received: 1/11/99

% Moisture: 13.73 decanted: (Y/N) N Date Extracted: 1/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/20/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 2

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000057-10-3	Hexadecanoic acid	19.63	1500	JN
2. 001599-67-3	1-Docosene	24.17	5000	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **B-98**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4179 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4179.06

Sample wt/vol: 10.08 (g/ml) G Lab File ID: BN02666.D

Level: (low/med) LOW Date Received: 1/11/99

% Moisture: 14.43 decanted:(Y/N) N Date Extracted: 1/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/20/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		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: **B-98**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4179 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4179.06

Sample wt/vol: 10.08 (g/ml) G Lab File ID: BN02666.D

Level: (low/med) LOW Date Received: 1/11/99

% Moisture: 14.43 decanted:(Y/N) N Date Extracted: 1/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/20/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		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	1300	B
206-44-0	Fluoranthene	1200	U
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	1200	U
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	160	J
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: **B-98**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4179 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4179.06

Sample wt/vol: 10.08 (g/ml) G Lab File ID: BN02666.D

Level: (low/med) LOW Date Received: 1/11/99

% Moisture: 14.43 decanted: (Y/N) N Date Extracted: 1/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/20/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 10

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	12.81	1600	J
2. 000109-21-7	Butanoic acid, butyl ester	13.09	2100	JN
3. 000084-64-0	1,2-Benzenedicarboxylic acid, but	18.75	1500	JN
4. 000057-10-3	Hexadecanoic acid	19.63	1500	JN
5. 000112-92-5	1-Octadecanol	24.17	6500	JN
6.	unknown	25.68	1100	J
7. 000630-02-4	Octacosane	27.07	1200	JN
8. 002765-11-9	Pentadecanal-	28.02	1200	JN
9. 000629-96-9	1-Eicosanol	28.42	1700	JN
10. 056554-90-6	13-Octadecenal	29.30	2000	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **B-99**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4179 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4179.08

Sample wt/vol: 10.14 (g/ml) G Lab File ID: BN02667.D

Level: (low/med) LOW Date Received: 1/11/99

% Moisture: 16.96 decanted:(Y/N) N Date Extracted: 1/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/20/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

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: **B-99**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4179 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4179.08

Sample wt/vol: 10.14 (g/ml) G Lab File ID: BN02667.D

Level: (low/med) LOW Date Received: 1/11/99

% Moisture: 16.96 decanted:(Y/N) N Date Extracted: 1/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/20/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		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	380	JB
206-44-0	Fluoranthene	1200	U
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	1200	U
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: **B-99**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4179 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4179.08

Sample wt/vol: 10.14 (g/ml) G Lab File ID: BN02667.D

Level: (low/med) LOW Date Received: 1/11/99

% Moisture: 16.96 decanted: (Y/N) N Date Extracted: 1/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/20/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 4

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000629-96-9	1-Eicosanol	24.17	5600	JN
2. 000544-85-4	Dotriacontane	27.07	1100	JN
3. 001599-67-3	1-Docosene	28.42	1300	JN
4. 002765-11-9	Pentadecanal-	29.30	1000	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **B-100**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4179 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4179.10

Sample wt/vol: 10.15 (g/ml) G Lab File ID: BN02668.D

Level: (low/med) LOW Date Received: 1/11/99

% Moisture: 19.08 decanted:(Y/N) N Date Extracted: 1/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/20/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		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: **B-100**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4179 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4179.10

Sample wt/vol: 10.15 (g/ml) G Lab File ID: BN02668.D

Level: (low/med) LOW Date Received: 1/11/99

% Moisture: 19.08 decanted:(Y/N) N Date Extracted: 1/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/20/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		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	1400	B
206-44-0	Fluoranthene	1200	U
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	1200	U
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	130	J
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: **B-100**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4179 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4179.10

Sample wt/vol: 10.15 (g/ml) G Lab File ID: BN02668.D

Level: (low/med) LOW Date Received: 1/11/99

% Moisture: 19.08 decanted: (Y/N) N Date Extracted: 1/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/20/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

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	18.76	2100	JN
2. 000057-10-3	Hexadecanoic acid	19.63	2400	JN
3. 000112-92-5	1-Octadecanol	24.17	6100	JN
4. 001599-67-3	1-Docosene	28.42	1300	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **B-101**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4179 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4179.12

Sample wt/vol: 10.22 (g/ml) G Lab File ID: BN02669.D

Level: (low/med) LOW Date Received: 1/11/99

% Moisture: 11.68 decanted:(Y/N) N Date Extracted: 1/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/20/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

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: **B-101**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4179 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4179.12

Sample wt/vol: 10.22 (g/ml) G Lab File ID: BN02669.D

Level: (low/med) LOW Date Received: 1/11/99

% Moisture: 11.68 decanted:(Y/N) N Date Extracted: 1/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/20/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

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	1100	U
84-74-2	Di-n-butylphthalate	370	JB
206-44-0	Fluoranthene	640	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	770	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	330	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	660	J
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	240	J
207-08-9	Benzo[k]fluoranthene	290	J
50-32-8	Benzo[a]pyrene	270	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: **B-101**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4179 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4179.12

Sample wt/vol: 10.22 (g/ml) G Lab File ID: BN02669.D

Level: (low/med) LOW Date Received: 1/11/99

% Moisture: 11.68 decanted: (Y/N) N Date Extracted: 1/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/20/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 6

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 001599-67-3	1-Docosene	24.17	5500	JN
2. 002461-18-9	Oxirane, [(dodecyloxy)methyl]-	25.69	1600	JN
3. 056554-90-6	13-Octadecenal	28.03	950	JN
4. 000112-95-8	Eicosane	28.37	1100	JN
5. 000629-96-9	1-Eicosanol	28.42	1800	JN
6. 002765-11-9	Pentadecanal-	29.30	1200	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **B-102**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4179 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4179.14

Sample wt/vol: 10.09 (g/ml) G Lab File ID: BN02670.D

Level: (low/med) LOW Date Received: 1/11/99

% Moisture: 16.25 decanted:(Y/N) N Date Extracted: 1/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/20/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

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: **B-102**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4179 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4179.14

Sample wt/vol: 10.09 (g/ml) G Lab File ID: BN02670.D

Level: (low/med) LOW Date Received: 1/11/99

% Moisture: 16.25 decanted:(Y/N) N Date Extracted: 1/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/20/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

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	380	JB
206-44-0	Fluoranthene	1200	U
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	1200	U
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: **B-102**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4179 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4179.14

Sample wt/vol: 10.09 (g/ml) G Lab File ID: BN02670.D

Level: (low/med) LOW Date Received: 1/11/99

% Moisture: 16.25 decanted: (Y/N) N Date Extracted: 1/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/20/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 2

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 001599-67-3	1-Docosene	24.17	5000	JN
2. 000629-96-9	1-Eicosanol	28.41	1100	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **B-103**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4179 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4179.16

Sample wt/vol: 10.06 (g/ml) G Lab File ID: BN02671.D

Level: (low/med) LOW Date Received: 1/11/99

% Moisture: 12.34 decanted:(Y/N) N Date Extracted: 1/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/20/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

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: **B-103**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4179 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4179.16

Sample wt/vol: 10.06 (g/ml) G Lab File ID: BN02671.D

Level: (low/med) LOW Date Received: 1/11/99

% Moisture: 12.34 decanted:(Y/N) N Date Extracted: 1/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/20/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

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	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	1300	B
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
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: **B-103**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4179 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4179.16

Sample wt/vol: 10.06 (g/ml) G Lab File ID: BN02671.D

Level: (low/med) LOW Date Received: 1/11/99

% Moisture: 12.34 decanted: (Y/N) N Date Extracted: 1/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/20/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

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	18.76	2100	JN
2. 000112-88-9	1-Octadecene	24.17	6900	JN
3. 001599-67-3	1-Docosene	25.68	1100	JN
4. 000506-52-5	1-Hexacosanol	28.41	1900	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **B-104**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4179 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4179.18

Sample wt/vol: 10.05 (g/ml) G Lab File ID: BN02672.D

Level: (low/med) LOW Date Received: 1/11/99

% Moisture: 9.37 decanted:(Y/N) N Date Extracted: 1/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/20/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

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: **B-104**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4179 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4179.18

Sample wt/vol: 10.05 (g/ml) G Lab File ID: BN02672.D

Level: (low/med) LOW Date Received: 1/11/99

% Moisture: 9.37 decanted:(Y/N) N Date Extracted: 1/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/20/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		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	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	880	JB
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
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	110	J
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: **B-104**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4179 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4179.18

Sample wt/vol: 10.05 (g/ml) G Lab File ID: BN02672.D

Level: (low/med) LOW Date Received: 1/11/99

% Moisture: 9.37 decanted: (Y/N) N Date Extracted: 1/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/20/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 6

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	18.75	1900	JN
2. 000057-10-3	Hexadecanoic acid	19.62	1500	JN
3. 018435-45-5	1-Nonadecene	24.17	7200	JN
4. 001599-67-3	1-Docosene	25.69	2000	JN
5. 006624-79-9	1-Dotriacontanol	27.09	1300	JN
6. 000629-96-9	1-Eicosanol	28.42	2100	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **B-105**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4179 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4179.20

Sample wt/vol: 10.04 (g/ml) G Lab File ID: BN02673.D

Level: (low/med) LOW Date Received: 1/11/99

% Moisture: 19.53 decanted:(Y/N) N Date Extracted: 1/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/20/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

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: **B-105**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4179 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4179.20

Sample wt/vol: 10.04 (g/ml) G Lab File ID: BN02673.D

Level: (low/med) LOW Date Received: 1/11/99

% Moisture: 19.53 decanted:(Y/N) N Date Extracted: 1/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/20/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (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	1300	B
206-44-0	Fluoranthene	140	J
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	130	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	160	J
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: **B-105**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4179 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4179.20

Sample wt/vol: 10.04 (g/ml) G Lab File ID: BN02673.D

Level: (low/med) LOW Date Received: 1/11/99

% Moisture: 19.53 decanted: (Y/N) N Date Extracted: 1/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/20/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 9

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.75	2100	JN
2. 000112-88-9	1-Octadecene	24.17	7300	JN
3. 000112-85-6	Docosanoic acid	24.75	1500	JN
4. 006624-79-9	1-Dotriacontanol	25.68	1600	JN
5. 000124-25-4	Tetradecanal	26.68	1000	JN
6. 000629-96-9	1-Eicosanol	27.09	1600	JN
7. 000112-92-5	1-Octadecanol	28.42	2400	JN
8. 002765-11-9	Pentadecanal-	29.29	1000	JN
9. 006971-40-0	17-Pentatriacontene	29.71	1200	JN

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-106

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4179 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4179.22

Sample wt/vol: 10.06 (g/ml) G Lab File ID: BNA01990.D

Level: (low/med) LOW Date Received: 01/11/99

% Moisture: 15.82 decanted:(Y/N) N Date Extracted: 01/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/21/99

Injection Volume: 1.0 (uL) 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.

B-106

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4179 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4179.22

Sample wt/vol: 10.06 (g/ml) G Lab File ID: BNA01990.D

Level: (low/med) LOW Date Received: 01/11/99

% Moisture: 15.82 decanted:(Y/N) N Date Extracted: 01/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/21/99

Injection Volume: 1.0 (uL) 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	370	JB
206-44-0	Fluoranthene	140	J
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	120	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.

B-106

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4179 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4179.22

Sample wt/vol: 10.06 (g/ml) G Lab File ID: BNA01990.D

Level: (low/med) LOW Date Received: 01/11/99

% Moisture: 15.82 decanted: (Y/N) N Date Extracted: 01/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/21/99

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)-	23.90	3600	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **B-107**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4184 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4184.02

Sample wt/vol: 10.11 (g/ml) G Lab File ID: BN02674.D

Level: (low/med) LOW Date Received: 1/12/99

% Moisture: 14.19 decanted:(Y/N) N Date Extracted: 1/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/20/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		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: **B-107**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4184 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4184.02

Sample wt/vol: 10.11 (g/ml) G Lab File ID: BN02674.D

Level: (low/med) LOW Date Received: 1/12/99

% Moisture: 14.19 decanted:(Y/N) N Date Extracted: 1/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/20/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

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	
120-12-7	Anthracene	300	J
84-74-2	Di-n-butylphthalate	1900	B
206-44-0	Fluoranthene	1600	
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	1300	
85-68-7	Butylbenzylphthalate	1200	U
56-55-3	Benzo[a]anthracene	640	J
91-94-1	3,3'-Dichlorobenzidine	1200	U
218-01-9	Chrysene	920	J
117-81-7	bis(2-Ethylhexyl)phthalate	150	J
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo[b]fluoranthene	400	J
207-08-9	Benzo[k]fluoranthene	490	J
50-32-8	Benzo[a]pyrene	480	J
193-39-5	Indeno[1,2,3-cd]pyrene	280	J
53-70-3	Dibenz[a,h]anthracene	1200	U
191-24-2	Benzo[g,h,i]perylene	260	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **B-107**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4184 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4184.02

Sample wt/vol: 10.11 (g/ml) G Lab File ID: BN02674.D

Level: (low/med) LOW Date Received: 1/12/99

% Moisture: 14.19 decanted: (Y/N) N Date Extracted: 1/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/20/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 4

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	18.76	3200	J
2. 000629-96-9	1-Eicosanol	24.17	5300	JN
3. 006971-40-0	17-Pentatriacontene	25.68	1100	JN
4. 000629-96-9	1-Eicosanol	28.42	2200	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **B-108**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4184 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4184.04

Sample wt/vol: 10.09 (g/ml) G Lab File ID: BN02675.D

Level: (low/med) LOW Date Received: 1/12/99

% Moisture: 15.18 decanted:(Y/N) N Date Extracted: 1/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/20/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		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: **B-108**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4184 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4184.04

Sample wt/vol: 10.09 (g/ml) G Lab File ID: BN02675.D

Level: (low/med) LOW Date Received: 1/12/99

% Moisture: 15.18 decanted:(Y/N) N Date Extracted: 1/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/20/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		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	1200	B
206-44-0	Fluoranthene	1200	U
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	1200	U
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	170	J
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: **B-108**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4184 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4184.04

Sample wt/vol: 10.09 (g/ml) G Lab File ID: BN02675.D

Level: (low/med) LOW Date Received: 1/12/99

% Moisture: 15.18 decanted: (Y/N) N Date Extracted: 1/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/20/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 4

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.75	2300	JN
2. 000057-11-4	Octadecanoic acid	21.46	1000	JN
3. 000112-92-5	1-Octadecanol	24.17	6600	JN
4. 001599-67-3	1-Docosene	28.41	1900	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **B-109**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4184 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4184.06

Sample wt/vol: 10 (g/ml) G Lab File ID: BN02676.D

Level: (low/med) LOW Date Received: 1/12/99

% Moisture: 15.19 decanted:(Y/N) N Date Extracted: 1/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/20/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		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: **B-109**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4184 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4184.06

Sample wt/vol: 10 (g/ml) G Lab File ID: BN02676.D

Level: (low/med) LOW Date Received: 1/12/99

% Moisture: 15.19 decanted:(Y/N) N Date Extracted: 1/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/20/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		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	21000	EB
206-44-0	Fluoranthene	1200	U
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	1200	U
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	200	J
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: **B-109**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4184 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4184.06

Sample wt/vol: 10 (g/ml) G Lab File ID: BN02676.D

Level: (low/med) LOW Date Received: 1/12/99

% Moisture: 15.19 decanted: (Y/N) N Date Extracted: 1/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/20/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 6

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	12.81	1300	J
2. 000109-21-7	Butanoic acid, butyl ester	13.09	1500	JN
3.	unknown	18.76	2400	J
4. 000057-10-3	Hexadecanoic acid	19.64	2500	JN
5. 001454-84-8	1-Nonadecanol	24.17	5400	JN
6. 001599-67-3	1-Docosene	28.41	1600	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-109

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4184 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4184.06 (1:5)

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA01987.D

Level: (low/med) LOW Date Received: 01/12/99

% Moisture: 15.19 decanted:(Y/N) N Date Extracted: 01/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/21/99

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	5900	U
62-75-9	N-nitroso-dimethylamine	5900	U
62-53-3	Aniline	5900	U
108-95-2	Phenol	5900	U
111-44-4	bis(2-Chloroethyl)ether	5900	U
95-57-8	2-Chlorophenol	5900	U
541-73-1	1,3-Dichlorobenzene	5900	U
106-46-7	1,4-Dichlorobenzene	5900	U
100-51-6	Benzyl alcohol	5900	U
95-50-1	1,2-Dichlorobenzene	5900	U
	2-Methylphenol	5900	U
108-60-1	bis(2-chloroisopropyl)ether	5900	U
	4-Methylphenol	5900	U
621-64-7	n-Nitroso-di-n-propylamine	5900	U
67-72-1	Hexachloroethane	5900	U
98-95-3	Nitrobenzene	5900	U
78-59-1	Isophorone	5900	U
88-75-5	2-Nitrophenol	5900	U
105-67-9	2,4-Dimethylphenol	5900	U
111-91-1	bis(2-Chloroethoxy)methane	5900	U
120-83-2	2,4-Dichlorophenol	5900	U
65-85-0	Benzoic Acid	5900	U
120-82-1	1,2,4-Trichlorobenzene	5900	U
91-20-3	Naphthalene	5900	U
106-47-8	4-Chloroaniline	5900	U
87-68-3	Hexachlorobutadiene	5900	U
59-50-7	4-Chloro-3-methylphenol	5900	U
91-57-6	2-Methylnaphthalene	5900	U
77-47-4	Hexachlorocyclopentadiene	5900	U
88-06-2	2,4,6-Trichlorophenol	5900	U
	2,4,5-Trichlorophenol	5900	U
91-58-7	2-Chloronaphthalene	5900	U
88-74-4	2-Nitroaniline	5900	U
131-11-3	Dimethylphthalate	5900	U
208-96-8	Acenaphthylene	5900	U
606-20-2	2,6-Dinitrotoluene	5900	U
99-09-2	3-Nitroaniline	5900	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-109

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4184 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4184.06 (1:5)

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA01987.D

Level: (low/med) LOW Date Received: 01/12/99

% Moisture: 15.19 decanted:(Y/N) N Date Extracted: 01/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/21/99

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	5900	U
51-28-5	2,4-Dinitrophenol	5900	U
132-64-9	Dibenzofuran	5900	U
100-02-7	4-Nitrophenol	5900	U
121-14-2	2,4-Dinitrotoluene	5900	U
84-66-2	Diethylphthalate	5900	U
86-73-7	Fluorene	5900	U
7005-72-3	4-Chlorophenyl-phenylether	5900	U
100-01-6	4-Nitroaniline	5900	U
534-52-1	4,6-Dinitro-2-methylphenol	5900	U
86-30-6	n-Nitrosodiphenylamine	5900	U
103-33-3	Azobenzene	5900	U
101-55-3	4-Bromophenyl-phenylether	5900	U
118-74-1	Hexachlorobenzene	5900	U
87-86-5	Pentachlorophenol	5900	U
85-01-8	Phenanthrene	5900	U
120-12-7	Anthracene	5900	U
84-74-2	Di-n-butylphthalate	30000	BD
206-44-0	Fluoranthene	5900	U
92-87-5	Benzidine	5900	U
129-00-0	Pyrene	5900	U
85-68-7	Butylbenzylphthalate	5900	U
56-55-3	Benzo[a]anthracene	5900	U
91-94-1	3,3'-Dichlorobenzidine	5900	U
218-01-9	Chrysene	5900	U
117-81-7	bis(2-Ethylhexyl)phthalate	5900	U
117-84-0	Di-n-octylphthalate	5900	U
205-99-2	Benzo[b]fluoranthene	5900	U
207-08-9	Benzo[k]fluoranthene	5900	U
50-32-8	Benzo[a]pyrene	5900	U
193-39-5	Indeno[1,2,3-cd]pyrene	5900	U
53-70-3	Dibenz[a,h]anthracene	5900	U
191-24-2	Benzo[g,h,i]perylene	5900	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **B-110**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4184 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4184.08

Sample wt/vol: 10.03 (g/ml) G Lab File ID: BN02677.D

Level: (low/med) LOW Date Received: 1/12/99

% Moisture: 7.85 decanted:(Y/N) N Date Extracted: 1/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/20/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

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: **B-110**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4184 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4184.08

Sample wt/vol: 10.03 (g/ml) G Lab File ID: BN02677.D

Level: (low/med) LOW Date Received: 1/12/99

% Moisture: 7.85 decanted:(Y/N) N Date Extracted: 1/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/20/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		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	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	2000	B
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
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	130	J
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: **B-110**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4184 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4184.08

Sample wt/vol: 10.03 (g/ml) G Lab File ID: BN02677.D

Level: (low/med) LOW Date Received: 1/12/99

% Moisture: 7.85 decanted: (Y/N) N Date Extracted: 1/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/20/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 3

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	18.75	2000	J
2. 001599-67-3	1-Docosene	24.17	4900	JN
3. 001454-84-8	1-Nonadecanol	28.41	1300	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **B-111**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4184 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4184.10

Sample wt/vol: 10.11 (g/ml) G Lab File ID: BN02678.D

Level: (low/med) LOW Date Received: 1/12/99

% Moisture: 12.06 decanted:(Y/N) N Date Extracted: 1/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/20/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

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: **B-111**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4184 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4184.10

Sample wt/vol: 10.11 (g/ml) G Lab File ID: BN02678.D

Level: (low/med) LOW Date Received: 1/12/99

% Moisture: 12.06 decanted:(Y/N) N Date Extracted: 1/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/20/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

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	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	1100	JB
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
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	140	J
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: **B-111**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4184 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4184.10

Sample wt/vol: 10.11 (g/ml) G Lab File ID: BN02678.D

Level: (low/med) LOW Date Received: 1/12/99

% Moisture: 12.06 decanted: (Y/N) N Date Extracted: 1/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 1/20/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 15

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.75	2000	JN
2. 001454-84-8	1-Nonadecanol	24.17	7300	JN
3. 000112-85-6	Docosanoic acid	24.74	1100	JN
4. 006624-79-9	1-Dotriacontanol	25.68	3700	JN
5. 000506-12-7	Heptadecanoic acid	26.21	980	JN
6. 000000-00-0	1-Hexacosanal	26.68	1600	JN
7. 000630-07-9	Pentatriacontane	27.07	4400	JN
8. 000638-66-4	Octadecanal	28.02	2100	JN
9. 013287-24-6	Nonadecane, 9-methyl-	28.37	2500	JN
10. 000629-96-9	1-Eicosanol	28.42	3700	JN
11. 002765-11-9	Pentadecanal-	29.30	2600	JN
12. 000112-95-8	Eicosane	29.62	1000	JN
13. 006971-40-0	17-Pentatriacontene	29.71	2000	JN
14. 000083-47-6	.gamma.-Sitosterol	29.99	2500	JN
15.	unknown	30.78	1700	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-112

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4184 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4184.12

Sample wt/vol: 10.13 (g/ml) G Lab File ID: BNA01993.D

Level: (low/med) LOW Date Received: 01/12/99

% Moisture: 5.86 decanted:(Y/N) N Date Extracted: 01/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/21/99

Injection Volume: 1.0 (uL) 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	110	J
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	520	J
606-20-2	2,6-Dinitrotoluene	1000	U
99-09-2	3-Nitroaniline	1000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-112

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4184 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4184.12

Sample wt/vol: 10.13 (g/ml) G Lab File ID: BNA01993.D

Level: (low/med) LOW Date Received: 01/12/99

% Moisture: 5.86 decanted:(Y/N) N Date Extracted: 01/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/21/99

Injection Volume: 1.0 (uL) 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	130	J
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	310	J
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	6400	
120-12-7	Anthracene	860	J
84-74-2	Di-n-butylphthalate	1200	B
206-44-0	Fluoranthene	7900	
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	6400	
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	2800	
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	3900	
117-81-7	bis(2-Ethylhexyl)phthalate	150	J
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	2000	
207-08-9	Benzo[k]fluoranthene	2100	
50-32-8	Benzo[a]pyrene	2300	
193-39-5	Indeno[1,2,3-cd]pyrene	950	J
53-70-3	Dibenz[a,h]anthracene	310	J
191-24-2	Benzo[g,h,i]perylene	1100	

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-112

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4184 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4184.12

Sample wt/vol: 10.13 (g/ml) G Lab File ID: BNA01993.D

Level: (low/med) LOW Date Received: 01/12/99

% Moisture: 5.86 decanted: (Y/N) N Date Extracted: 01/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/21/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 9

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	18.44	1000	JN
2. 002531-84-2	Phenanthrene, 2-methyl-	18.75	1300	JN
3. 000832-69-9	Phenanthrene, 1-methyl-	18.81	1500	JN
4. 000883-20-5	Phenanthrene, 9-methyl-	19.00	950	JN
5. 000832-64-4	Phenanthrene, 4-methyl-	19.05	1100	JN
6. 000084-65-1	9,10-Anthracenedione	19.52	1400	JN
7. 003674-66-6	Phenanthrene, 2,5-dimethyl-	20.09	1400	JN
8. 074685-33-9	3-Eicosene, (E)-	23.90	1300	JN
9. 000192-97-2	Benzo[e]pyrene	26.63	1300	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-113

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4189 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4189.02

Sample wt/vol: 10.1 (g/ml) G Lab File ID: BNA01998.D

Level: (low/med) LOW Date Received: 01/13/99

% Moisture: 9.3 decanted:(Y/N) N Date Extracted: 01/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/22/99

Injection Volume: 1.0 (uL) 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.

B-113

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4189 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4189.02

Sample wt/vol: 10.1 (g/ml) G Lab File ID: BNA01998.D

Level: (low/med) LOW Date Received: 01/13/99

% Moisture: 9.3 decanted:(Y/N) N Date Extracted: 01/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/22/99

Injection Volume: 1.0 (uL) 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	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	380	JB
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
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.

B-113

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4189 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4189.02

Sample wt/vol: 10.1 (g/ml) G Lab File ID: BNA01998.D

Level: (low/med) LOW Date Received: 01/13/99

% Moisture: 9.3 decanted: (Y/N) N Date Extracted: 01/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/22/99

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. 074685-33-9	3-Eicosene, (E)-	23.87	2300	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-114

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4189 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4189.04

Sample wt/vol: 10.03 (g/ml) G Lab File ID: BNA01999.D

Level: (low/med) LOW Date Received: 01/13/99

% Moisture: 17.03 decanted:(Y/N) N Date Extracted: 01/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/22/99

Injection Volume: 1.0 (uL) 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	170	J
606-20-2	2,6-Dinitrotoluene	1200	U
99-09-2	3-Nitroaniline	1200	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-114

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4189 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4189.04

Sample wt/vol: 10.03 (g/ml) G Lab File ID: BNA01999.D

Level: (low/med) LOW Date Received: 01/13/99

% Moisture: 17.03 decanted:(Y/N) N Date Extracted: 01/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/22/99

Injection Volume: 1.0 (uL) 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	860	J
120-12-7	Anthracene	270	J
84-74-2	Di-n-butylphthalate	470	JB
206-44-0	Fluoranthene	6400	
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	4800	
85-68-7	Butylbenzylphthalate	1200	U
56-55-3	Benzo[a]anthracene	2400	
91-94-1	3,3'-Dichlorobenzidine	1200	U
218-01-9	Chrysene	2600	
117-81-7	bis(2-Ethylhexyl)phthalate	1200	U
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo[b]fluoranthene	2200	
207-08-9	Benzo[k]fluoranthene	2100	
50-32-8	Benzo[a]pyrene	2500	
193-39-5	Indeno[1,2,3-cd]pyrene	1200	J
53-70-3	Dibenz[a,h]anthracene	340	J
191-24-2	Benzo[g,h,i]perylene	1500	

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-114

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4189 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4189.04

Sample wt/vol: 10.03 (g/ml) G Lab File ID: BNA01999.D

Level: (low/med) LOW Date Received: 01/13/99

% Moisture: 17.03 decanted: (Y/N) N Date Extracted: 01/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/22/99

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. 074685-33-9	3-Eicosene, (E)-	23.87	2400	JN
2. 000192-97-2	Benzo[e]pyrene	26.59	1300	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-115

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4189 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4189.06

Sample wt/vol: 10.02 (g/ml) G Lab File ID: BNA02000.D

Level: (low/med) LOW Date Received: 01/13/99

% Moisture: 14.02 decanted:(Y/N) N Date Extracted: 01/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/22/99

Injection Volume: 1.0 (uL) 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.

B-115

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4189 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4189.06

Sample wt/vol: 10.02 (g/ml) G Lab File ID: BNA02000.D

Level: (low/med) LOW Date Received: 01/13/99

% Moisture: 14.02 decanted:(Y/N) N Date Extracted: 01/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/22/99

Injection Volume: 1.0 (uL) 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	380	JB
206-44-0	Fluoranthene	1200	U
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	1200	U
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.

B-115

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4189 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4189.06

Sample wt/vol: 10.02 (g/ml) G Lab File ID: BNA02000.D

Level: (low/med) LOW Date Received: 01/13/99

% Moisture: 14.02 decanted: (Y/N) N Date Extracted: 01/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/22/99

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. 074685-33-9	3-Eicosene, (E)-	23.87	2100	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-116

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4189 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4189.08

Sample wt/vol: 10.03 (g/ml) G Lab File ID: BNA02001.D

Level: (low/med) LOW Date Received: 01/13/99

% Moisture: 15.33 decanted:(Y/N) N Date Extracted: 01/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/22/99

Injection Volume: 1.0 (uL) 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.

B-116

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4189 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4189.08

Sample wt/vol: 10.03 (g/ml) G Lab File ID: BNA02001.D

Level: (low/med) LOW Date Received: 01/13/99

% Moisture: 15.33 decanted:(Y/N) N Date Extracted: 01/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/22/99

Injection Volume: 1.0 (uL) 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	1200	JB
206-44-0	Fluoranthene	1200	U
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	1200	U
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.

B-116

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4189 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4189.08

Sample wt/vol: 10.03 (g/ml) G Lab File ID: BNA02001.D

Level: (low/med) LOW Date Received: 01/13/99

% Moisture: 15.33 decanted: (Y/N) N Date Extracted: 01/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/22/99

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. 017851-53-5	1,2-Benzenedicarboxylic acid, but	18.41	990	JN
2. 000629-96-9	1-Eicosanol	23.87	2700	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-117

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4189 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4189.10

Sample wt/vol: 10.16 (g/ml) G Lab File ID: BNA02002.D

Level: (low/med) LOW Date Received: 01/13/99

% Moisture: 5.87 decanted:(Y/N) N Date Extracted: 01/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/22/99

Injection Volume: 1.0 (uL) 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.

B-117

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4189 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4189.10

Sample wt/vol: 10.16 (g/ml) G Lab File ID: BNA02002.D

Level: (low/med) LOW Date Received: 01/13/99

% Moisture: 5.87 decanted:(Y/N) N Date Extracted: 01/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/22/99

Injection Volume: 1.0 (uL) 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	310	JB
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	120	J
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.

B-117

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4189 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4189.10

Sample wt/vol: 10.16 (g/ml) G Lab File ID: BNA02002.D

Level: (low/med) LOW Date Received: 01/13/99

% Moisture: 5.87 decanted: (Y/N) N Date Extracted: 01/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/22/99

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	23.87	2500	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-118

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4189 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4189.12

Sample wt/vol: 10.13 (g/ml) G Lab File ID: BNA02003.D

Level: (low/med) LOW Date Received: 01/13/99

% Moisture: 10.58 decanted:(Y/N) N Date Extracted: 01/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/22/99

Injection Volume: 1.0 (uL) 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.

B-118

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4189 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4189.12

Sample wt/vol: 10.13 (g/ml) G Lab File ID: BNA02003.D

Level: (low/med) LOW Date Received: 01/13/99

% Moisture: 10.58 decanted:(Y/N) N Date Extracted: 01/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/22/99

Injection Volume: 1.0 (uL) 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	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	1400	B
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	110	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	170	J
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.

B-118

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4189 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4189.12

Sample wt/vol: 10.13 (g/ml) G Lab File ID: BNA02003.D

Level: (low/med) LOW Date Received: 01/13/99

% Moisture: 10.58 decanted: (Y/N) N Date Extracted: 01/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/22/99

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. 000094-59-7	1,3-Benzodioxole, 5-(2-propenyl)-	11.62	1300	JN
2. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.41	1400	JN
3. 074685-30-6	5-Eicosene, (E)-	23.87	3200	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-119

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4189 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4189.14

Sample wt/vol: 10.06 (g/ml) G Lab File ID: BNA02004.D

Level: (low/med) LOW Date Received: 01/13/99

% Moisture: 8.8 decanted:(Y/N) N Date Extracted: 01/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/22/99

Injection Volume: 1.0 (uL) 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

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-119

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4189 Location: M14 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4189.14

Sample wt/vol: 10.06 (g/ml) G Lab File ID: BNA02004.D

Level: (low/med) LOW Date Received: 01/13/99

% Moisture: 8.8 decanted: (Y/N) N Date Extracted: 01/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/22/99

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	12.46	880	J
2. 074367-34-3	Propanoic acid, 2-methyl-, 3-hydr	12.75	1100	JN
3.	unknown	18.42	1600	J
4. 074685-33-9	3-Eicosene, (E)-	23.87	2500	JN

METHOD BLANKS

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	BLK264
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	12/24/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/23/99
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/.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 # :**	BLK265
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	12/29/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/15/99
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/.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 # :**	BLK266
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	12/30/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/15/99
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
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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
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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

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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 # :**	BLK267
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	12/31/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/25/99
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
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Endrin	1	100.00	0.0005	ND	17
Endosulfan II	1	100.00	0.0004	ND	NLE
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Toxaphene	1	100.00	0.0003	ND	0.1
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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 # :**	BLK268
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	1/6/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/26/99
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
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4,4'-DDE	1	100.00	0.0004	ND	2
Dieldrin	1	100.00	0.0005	ND	0.042
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alpha-Chlordane	1	100.00	0.0005	ND	NLE
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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

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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 # :**	BLK269
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	1/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/29/99
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
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Dieldrin	1	100.00	0.0005	ND	0.042
Endrin	1	100.00	0.0005	ND	17
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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
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Arochlor 1254	1	100.00	0.0040	ND	0.49
Arochlor 1260	1	100.00	0.0036	ND	0.49

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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 # :**	BLK270
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	1/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/10/99
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
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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
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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
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Toxaphene	1	100.00	0.0003	ND	0.1
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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/.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 # :**	BLK271
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	1/13/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/3/99
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
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4,4'-DDE	1	100.00	0.0004	ND	2
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4,4'-DDD	1	100.00	0.0006	ND	3
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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 # :**	BLK272
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	1/20/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/25/99
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/.25um
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25um

FIELD DUPLICATES

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4160.22
	DPW. SELFM-PW-EV	**Date Rec'd:**	12/29/98
	Bldg. 173	**Extraction Date:**	12/30/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/21/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
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	85.39	0.0004	ND	NLE
beta-BHC	1	85.39	0.0004	ND	NLE
gamma-BHC	1	85.39	0.0005	ND	0.52
delta-BHC	1	85.39	0.0005	ND	NLE
Heptachlor	1	85.39	0.0004	ND	0.15
Aldrin	1	85.39	0.0005	ND	0.04
Heptachlor Epoxide	1	85.39	0.0007	ND	NLE
Endosulfan I	1	85.39	0.0006	ND	NLE
4,4'-DDE	1	85.39	0.0005	0.013	2
Dieldrin	1	85.39	0.0006	ND	0.042
Endrin	1	85.39	0.0006	ND	17
Endosulfan II	1	85.39	0.0005	ND	NLE
4,4'-DDD	1	85.39	0.0007	0.018	3
Endrin Aldehyde	1	85.39	0.0006	ND	NLE
4,4'-DDT	1	85.39	0.0013	0.022	2
Endosulfan-Sulfate	1	85.39	0.0005	ND	NLE
gamma -Chlordane	1	85.39	0.0006	ND	NLE
alpha-Chlordane	1	85.39	0.0006	ND	NLE
Toxaphene	1	85.39	0.0004	ND	0.1
Arochlor 1016	1	85.39	0.0131	ND	0.49
Arochlor 1221	1	85.39	0.0241	ND	0.49
Arochlor 1232	1	85.39	0.0163	ND	0.49
Arochlor 1242	1	85.39	0.0187	ND	0.49
Arochlor 1248	1	85.39	0.0075	ND	0.49
Arochlor 1254	1	85.39	0.0047	ND	0.49
Arochlor 1260	1	85.39	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 # :**	4164.20
	DPW. SELFM-PW-EV	**Date Rec'd:**	12/31/98
	Bldg. 173	**Extraction Date:**	1/6/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/29/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
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	20	85.80	0.0068	ND	NLE
beta-BHC	20	85.80	0.0068	ND	NLE
gamma-BHC	20	85.80	0.0091	ND	0.52
delta-BHC	20	85.80	0.0091	ND	NLE
Heptachlor	20	85.80	0.0068	ND	0.15
Aldrin	20	85.80	0.0091	ND	0.04
Heptachlor Epoxide	20	85.80	0.0136	ND	NLE
Endosulfan I	20	85.80	0.0113	ND	NLE
4,4'-DDE	20	85.80	0.0091	0.010	2
Dieldrin	20	85.80	0.0113	ND	0.042
Endrin	20	85.80	0.0113	ND	17
Endosulfan II	20	85.80	0.0091	ND	NLE
4,4'-DDD	20	85.80	0.0136	ND	3
Endrin Aldehyde	20	85.80	0.0113	ND	NLE
4,4'-DDT	20	85.80	0.0249	ND	2
Endosulfan-Sulfate	20	85.80	0.0091	ND	NLE
gamma -Chlordane	20	85.80	0.0113	ND	NLE
alpha-Chlordane	20	85.80	0.0113	ND	NLE
Toxaphene	20	85.80	0.0068	ND	0.1
Arochlor 1016	20	85.80	0.2540	ND	0.49
Arochlor 1221	20	85.80	0.4671	ND	0.49
Arochlor 1232	20	85.80	0.3175	ND	0.49
Arochlor 1242	20	85.80	0.3628	ND	0.49
Arochlor 1248	20	85.80	0.1451	ND	0.49
Arochlor 1254	20	85.80	0.0907	ND	0.49
Arochlor 1260	20	85.80	0.0816	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 # :**	4169.38
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/5/99
	Bldg. 173	**Extraction Date:**	1/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/30/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
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	20	85.07	0.0070	ND	NLE
beta-BHC	20	85.07	0.0070	ND	NLE
gamma-BHC	20	85.07	0.0093	ND	0.52
delta-BHC	20	85.07	0.0093	ND	NLE
Heptachlor	20	85.07	0.0070	ND	0.15
Aldrin	20	85.07	0.0093	ND	0.04
Heptachlor Epoxide	20	85.07	0.0139	ND	NLE
Endosulfan I	20	85.07	0.0116	ND	NLE
4,4'-DDE	20	85.07	0.0093	0.177	2
Dieldrin	20	85.07	0.0116	ND	0.042
Endrin	20	85.07	0.0116	ND	17
Endosulfan II	20	85.07	0.0093	ND	NLE
4,4'-DDD	20	85.07	0.0139	0.128	3
Endrin Aldehyde	20	85.07	0.0116	ND	NLE
4,4'-DDT	20	85.07	0.0255	0.117	2
Endosulfan-Sulfate	20	85.07	0.0093	ND	NLE
gamma -Chlordane	20	85.07	0.0116	0.080	NLE
alpha-Chlordane	20	85.07	0.0116	0.057	NLE
Toxaphene	20	85.07	0.0070	ND	0.1
Arochlor 1016	20	85.07	0.2599	ND	0.49
Arochlor 1221	20	85.07	0.4781	ND	0.49
Arochlor 1232	20	85.07	0.3249	ND	0.49
Arochlor 1242	20	85.07	0.3713	ND	0.49
Arochlor 1248	20	85.07	0.1485	ND	0.49
Arochlor 1254	20	85.07	0.0928	ND	0.49
Arochlor 1260	20	85.07	0.0836	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 # :**	4177.20
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/7/99
	Bldg. 173	**Extraction Date:**	1/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/11/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	Dupe

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	86.18	0.0003	ND	NLE
beta-BHC	1	86.18	0.0003	ND	NLE
gamma-BHC	1	86.18	0.0005	ND	0.52
delta-BHC	1	86.18	0.0005	ND	NLE
Heptachlor	1	86.18	0.0003	ND	0.15
Aldrin	1	86.18	0.0005	ND	0.04
Heptachlor Epoxide	1	86.18	0.0007	ND	NLE
Endosulfan I	1	86.18	0.0006	ND	NLE
4,4'-DDE	5	86.18	0.0023	0.269	2
Dieldrin	1	86.18	0.0006	ND	0.042
Endrin	1	86.18	0.0006	ND	17
Endosulfan II	1	86.18	0.0005	ND	NLE
4,4'-DDD	1	86.18	0.0007	0.025	3
Endrin Aldehyde	1	86.18	0.0006	ND	NLE
4,4'-DDT	5	86.18	0.0064	0.202	2
Endosulfan-Sulfate	1	86.18	0.0005	ND	NLE
gamma -Chlordane	1	86.18	0.0006	ND	NLE
alpha-Chlordane	1	86.18	0.0006	ND	NLE
Toxaphene	1	86.18	0.0003	ND	0.1
Arochlor 1016	1	86.18	0.0129	ND	0.49
Arochlor 1221	1	86.18	0.0238	ND	0.49
Arochlor 1232	1	86.18	0.0162	ND	0.49
Arochlor 1242	1	86.18	0.0185	ND	0.49
Arochlor 1248	1	86.18	0.0074	ND	0.49
Arochlor 1254	1	86.18	0.0046	ND	0.49
Arochlor 1260	1	86.18	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 # :**	4189.16
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/13/99
	Bldg. 173	**Extraction Date:**	1/20/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/24/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
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	20	91.63	0.0065	ND	NLE
beta-BHC	20	91.63	0.0065	ND	NLE
gamma-BHC	20	91.63	0.0086	ND	0.52
delta-BHC	20	91.63	0.0086	ND	NLE
Heptachlor	20	91.63	0.0065	ND	0.15
Aldrin	20	91.63	0.0086	ND	0.04
Heptachlor Epoxide	20	91.63	0.0129	ND	NLE
Endosulfan I	20	91.63	0.0108	ND	NLE
4,4'-DDE	20	91.63	0.0086	0.092	2
Dieldrin	20	91.63	0.0108	ND	0.042
Endrin	20	91.63	0.0108	ND	17
Endosulfan II	20	91.63	0.0086	ND	NLE
4,4'-DDD	20	91.63	0.0129	ND	3
Endrin Aldehyde	20	91.63	0.0108	ND	NLE
4,4'-DDT	20	91.63	0.0237	0.057	2
Endosulfan-Sulfate	20	91.63	0.0086	ND	NLE
gamma -Chlordane	20	91.63	0.0108	ND	NLE
alpha-Chlordane	20	91.63	0.0108	ND	NLE
Toxaphene	20	91.63	0.0065	ND	0.1
Arochlor 1016	20	91.63	0.2413	ND	0.49
Arochlor 1221	20	91.63	0.4439	ND	0.49
Arochlor 1232	20	91.63	0.3017	ND	0.49
Arochlor 1242	20	91.63	0.3447	ND	0.49
Arochlor 1248	20	91.63	0.1379	ND	0.49
Arochlor 1254	20	91.63	0.0862	ND	0.49
Arochlor 1260	20	91.63	0.0776	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

SAMPLES

0C1C56

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4156.02
	DPW. SELFM-PW-EV	**Date Rec'd:**	12/23/98
	Bldg. 173	**Extraction Date:**	12/24/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/22/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	1

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	90.37	0.0003	ND	NLE
beta-BHC	1	90.37	0.0003	ND	NLE
gamma-BHC	1	90.37	0.0004	ND	0.52
delta-BHC	1	90.37	0.0004	ND	NLE
Heptachlor	1	90.37	0.0003	ND	0.15
Aldrin	1	90.37	0.0004	ND	0.04
Heptachlor Epoxide	1	90.37	0.0007	ND	NLE
Endosulfan I	1	90.37	0.0006	ND	NLE
4,4'-DDE	5	90.37	0.0022	0.237	2
Dieldrin	1	90.37	0.0006	ND	0.042
Endrin	1	90.37	0.0006	ND	17
Endosulfan II	1	90.37	0.0004	ND	NLE
4,4'-DDD	1	90.37	0.0007	0.017	3
Endrin Aldehyde	1	90.37	0.0006	ND	NLE
4,4'-DDT	5	90.37	0.0061	0.113	2
Endosulfan-Sulfate	1	90.37	0.0004	ND	NLE
gamma -Chlordane	1	90.37	0.0006	ND	NLE
alpha-Chlordane	1	90.37	0.0006	ND	NLE
Toxaphene	1	90.37	0.0003	ND	0.1
Arochlor 1016	1	90.37	0.0123	ND	0.49
Arochlor 1221	1	90.37	0.0227	ND	0.49
Arochlor 1232	1	90.37	0.0154	ND	0.49
Arochlor 1242	1	90.37	0.0176	ND	0.49
Arochlor 1248	1	90.37	0.0071	ND	0.49
Arochlor 1254	1	90.37	0.0044	ND	0.49
Arochlor 1260	1	90.37	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 # :**	4156.04
	DPW. SELFM-PW-EV	**Date Rec'd:**	12/23/98
	Bldg. 173	**Extraction Date:**	12/24/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/22/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	2

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	92.26	0.0003	ND	NLE
beta-BHC	1	92.26	0.0003	ND	NLE
gamma-BHC	1	92.26	0.0004	ND	0.52
delta-BHC	1	92.26	0.0004	ND	NLE
Heptachlor	1	92.26	0.0003	ND	0.15
Aldrin	1	92.26	0.0004	ND	0.04
Heptachlor Epoxide	1	92.26	0.0006	ND	NLE
Endosulfan I	1	92.26	0.0005	ND	NLE
4,4'-DDE	1	92.26	0.0004	0.054	2
Dieldrin	1	92.26	0.0005	0.001	0.042
Endrin	1	92.26	0.0005	ND	17
Endosulfan II	1	92.26	0.0004	ND	NLE
4,4'-DDD	1	92.26	0.0006	0.054	3
Endrin Aldehyde	1	92.26	0.0005	ND	NLE
4,4'-DDT	1	92.26	0.0012	0.106	2
Endosulfan-Sulfate	1	92.26	0.0004	ND	NLE
gamma -Chlordane	1	92.26	0.0005	0.002	NLE
alpha-Chlordane	1	92.26	0.0005	0.001	NLE
Toxaphene	1	92.26	0.0003	ND	0.1
Arochlor 1016	1	92.26	0.0118	ND	0.49
Arochlor 1221	1	92.26	0.0218	ND	0.49
Arochlor 1232	1	92.26	0.0148	ND	0.49
Arochlor 1242	1	92.26	0.0169	ND	0.49
Arochlor 1248	1	92.26	0.0068	ND	0.49
Arochlor 1254	1	92.26	0.0042	ND	0.49
Arochlor 1260	1	92.26	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 # :**	4156.06
	DPW. SELFM-PW-EV	**Date Rec'd:**	12/23/98
	Bldg. 173	**Extraction Date:**	12/24/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/22/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	3

Pesticide/PCB	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	0.0007	ND	NLE
Endosulfan I	1	89.84	0.0006	ND	NLE
4,4'-DDE	1	89.84	0.0004	0.027	2
Dieldrin	1	89.84	0.0006	ND	0.042
Endrin	1	89.84	0.0006	ND	17
Endosulfan II	1	89.84	0.0004	ND	NLE
4,4'-DDD	1	89.84	0.0007	0.022	3
Endrin Aldehyde	1	89.84	0.0006	ND	NLE
4,4'-DDT	2	89.84	0.0024	0.109	2
Endosulfan-Sulfate	1	89.84	0.0004	ND	NLE
gamma -Chlordane	1	89.84	0.0006	0.003	NLE
alpha-Chlordane	1	89.84	0.0006	0.001	NLE
Toxaphene	1	89.84	0.0003	ND	0.1
Arochlor 1016	1	89.84	0.0124	ND	0.49
Arochlor 1221	1	89.84	0.0228	ND	0.49
Arochlor 1232	1	89.84	0.0155	ND	0.49
Arochlor 1242	1	89.84	0.0177	ND	0.49
Arochlor 1248	1	89.84	0.0071	ND	0.49
Arochlor 1254	1	89.84	0.0044	ND	0.49
Arochlor 1260	1	89.84	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 # :**	4156.08
	DPW. SELFM-PW-EV	**Date Rec'd:**	12/23/98
	Bldg. 173	**Extraction Date:**	12/24/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/22/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	4

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	91.38	0.0003	ND	NLE
beta-BHC	1	91.38	0.0003	ND	NLE
gamma-BHC	1	91.38	0.0004	ND	0.52
delta-BHC	1	91.38	0.0004	ND	NLE
Heptachlor	1	91.38	0.0003	ND	0.15
Aldrin	1	91.38	0.0004	ND	0.04
Heptachlor Epoxide	1	91.38	0.0006	ND	NLE
Endosulfan I	1	91.38	0.0005	ND	NLE
4,4'-DDE	10	91.38	0.0043	0.253	2
Dieldrin	1	91.38	0.0005	ND	0.042
Endrin	1	91.38	0.0005	ND	17
Endosulfan II	1	91.38	0.0004	ND	NLE
4,4'-DDD	1	91.38	0.0006	0.031	3
Endrin Aldehyde	1	91.38	0.0005	ND	NLE
4,4'-DDT	10	91.38	0.0117	0.273	2
Endosulfan-Sulfate	1	91.38	0.0004	ND	NLE
gamma -Chlordane	1	91.38	0.0005	0.002	NLE
alpha-Chlordane	1	91.38	0.0005	ND	NLE
Toxaphene	1	91.38	0.0003	ND	0.1
Arochlor 1016	1	91.38	0.0119	ND	0.49
Arochlor 1221	1	91.38	0.0220	ND	0.49
Arochlor 1232	1	91.38	0.0149	ND	0.49
Arochlor 1242	1	91.38	0.0171	ND	0.49
Arochlor 1248	1	91.38	0.0068	ND	0.49
Arochlor 1254	1	91.38	0.0043	ND	0.49
Arochlor 1260	1	91.38	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 # :**	4156.10
	DPW. SELFM-PW-EV	**Date Rec'd:**	12/23/98
	Bldg. 173	**Extraction Date:**	12/24/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/22/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	5

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	84.71	0.0004	ND	NLE
beta-BHC	1	84.71	0.0004	ND	NLE
gamma-BHC	1	84.71	0.0005	ND	0.52
delta-BHC	1	84.71	0.0005	ND	NLE
Heptachlor	1	84.71	0.0004	ND	0.15
Aldrin	1	84.71	0.0005	ND	0.04
Heptachlor Epoxide	1	84.71	0.0007	ND	NLE
Endosulfan I	1	84.71	0.0006	ND	NLE
4,4'-DDE	1	84.71	0.0005	0.031	2
Dieldrin	1	84.71	0.0006	ND	0.042
Endrin	1	84.71	0.0006	ND	17
Endosulfan II	1	84.71	0.0005	ND	NLE
4,4'-DDD	1	84.71	0.0007	0.051	3
Endrin Aldehyde	1	84.71	0.0006	ND	NLE
4,4'-DDT	1	84.71	0.0013	0.028	2
Endosulfan-Sulfate	1	84.71	0.0005	ND	NLE
gamma -Chlordane	1	84.71	0.0006	ND	NLE
alpha-Chlordane	1	84.71	0.0006	ND	NLE
Toxaphene	1	84.71	0.0004	ND	0.1
Arochlor 1016	1	84.71	0.0131	ND	0.49
Arochlor 1221	1	84.71	0.0241	ND	0.49
Arochlor 1232	1	84.71	0.0164	ND	0.49
Arochlor 1242	1	84.71	0.0187	ND	0.49
Arochlor 1248	1	84.71	0.0075	ND	0.49
Arochlor 1254	1	84.71	0.0047	ND	0.49
Arochlor 1260	1	84.71	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 # :**	4156.12
	DPW. SELFM-PW-EV	**Date Rec'd:**	12/23/98
	Bldg. 173	**Extraction Date:**	12/24/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/22/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	6

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	85.54	0.0003	ND	NLE
beta-BHC	1	85.54	0.0003	ND	NLE
gamma-BHC	1	85.54	0.0005	ND	0.52
delta-BHC	1	85.54	0.0005	ND	NLE
Heptachlor	1	85.54	0.0003	ND	0.15
Aldrin	1	85.54	0.0005	ND	0.04
Heptachlor Epoxide	1	85.54	0.0007	ND	NLE
Endosulfan I	1	85.54	0.0006	ND	NLE
4,4'-DDE	1	85.54	0.0005	0.010	2
Dieldrin	1	85.54	0.0006	ND	0.042
Endrin	1	85.54	0.0006	ND	17
Endosulfan II	1	85.54	0.0005	ND	NLE
4,4'-DDD	1	85.54	0.0007	0.013	3
Endrin Aldehyde	1	85.54	0.0006	ND	NLE
4,4'-DDT	1	85.54	0.0013	0.017	2
Endosulfan-Sulfate	1	85.54	0.0005	ND	NLE
gamma -Chlordane	1	85.54	0.0006	ND	NLE
alpha-Chlordane	1	85.54	0.0006	ND	NLE
Toxaphene	1	85.54	0.0003	ND	0.1
Arochlor 1016	1	85.54	0.0130	ND	0.49
Arochlor 1221	1	85.54	0.0240	ND	0.49
Arochlor 1232	1	85.54	0.0163	ND	0.49
Arochlor 1242	1	85.54	0.0186	ND	0.49
Arochlor 1248	1	85.54	0.0074	ND	0.49
Arochlor 1254	1	85.54	0.0047	ND	0.49
Arochlor 1260	1	85.54	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 # :**	4159.02
	DPW. SELFM-PW-EV	**Date Rec'd:**	12/28/98
	Bldg. 173	**Extraction Date:**	12/29/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/15/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	7

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	87.50	0.0003	ND	NLE
beta-BHC	1	87.50	0.0003	ND	NLE
gamma-BHC	1	87.50	0.0005	ND	0.52
delta-BHC	1	87.50	0.0005	ND	NLE
Heptachlor	1	87.50	0.0003	ND	0.15
Aldrin	1	87.50	0.0005	ND	0.04
Heptachlor Epoxide	1	87.50	0.0007	ND	NLE
Endosulfan I	1	87.50	0.0006	ND	NLE
4,4'-DDE	1	87.50	0.0005	0.021	2
Dieldrin	1	87.50	0.0006	ND	0.042
Endrin	1	87.50	0.0006	ND	17
Endosulfan II	1	87.50	0.0005	ND	NLE
4,4'-DDD	1	87.50	0.0007	0.028	3
Endrin Aldehyde	1	87.50	0.0006	ND	NLE
4,4'-DDT	1	87.50	0.0013	0.069	2
Endosulfan-Sulfate	1	87.50	0.0005	ND	NLE
gamma -Chlordane	1	87.50	0.0006	ND	NLE
alpha-Chlordane	1	87.50	0.0006	ND	NLE
Toxaphene	1	87.50	0.0003	ND	0.1
Arochlor 1016	1	87.50	0.0127	ND	0.49
Arochlor 1221	1	87.50	0.0234	ND	0.49
Arochlor 1232	1	87.50	0.0159	ND	0.49
Arochlor 1242	1	87.50	0.0182	ND	0.49
Arochlor 1248	1	87.50	0.0073	ND	0.49
Arochlor 1254	1	87.50	0.0046	ND	0.49
Arochlor 1260	1	87.50	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 # :**	4159.04
	DPW. SELFM-PW-EV	**Date Rec'd:**	12/28/98
	Bldg. 173	**Extraction Date:**	12/29/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/15/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	8

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	90.52	0.0003	ND	NLE
beta-BHC	1	90.52	0.0003	ND	NLE
gamma-BHC	1	90.52	0.0004	ND	0.52
delta-BHC	1	90.52	0.0004	ND	NLE
Heptachlor	1	90.52	0.0003	ND	0.15
Aldrin	1	90.52	0.0004	ND	0.04
Heptachlor Epoxide	1	90.52	0.0007	ND	NLE
Endosulfan I	1	90.52	0.0006	ND	NLE
4,4'-DDE	1	90.52	0.0004	0.026	2
Dieldrin	1	90.52	0.0006	ND	0.042
Endrin	1	90.52	0.0006	ND	17
Endosulfan II	1	90.52	0.0004	ND	NLE
4,4'-DDD	1	90.52	0.0007	0.048	3
Endrin Aldehyde	1	90.52	0.0006	ND	NLE
4,4'-DDT	1	90.52	0.0012	0.046	2
Endosulfan-Sulfate	1	90.52	0.0004	ND	NLE
gamma -Chlordane	1	90.52	0.0006	ND	NLE
alpha-Chlordane	1	90.52	0.0006	ND	NLE
Toxaphene	1	90.52	0.0003	ND	0.1
Arochlor 1016	1	90.52	0.0123	ND	0.49
Arochlor 1221	1	90.52	0.0227	ND	0.49
Arochlor 1232	1	90.52	0.0154	ND	0.49
Arochlor 1242	1	90.52	0.0176	ND	0.49
Arochlor 1248	1	90.52	0.0070	ND	0.49
Arochlor 1254	1	90.52	0.0044	ND	0.49
Arochlor 1260	1	90.52	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 # :**	4159.06
	DPW. SELFM-PW-EV	**Date Rec'd:**	12/28/98
	Bldg. 173	**Extraction Date:**	12/29/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/15/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	9

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	86.48	0.0003	ND	NLE
beta-BHC	1	86.48	0.0003	ND	NLE
gamma-BHC	1	86.48	0.0005	ND	0.52
delta-BHC	1	86.48	0.0005	ND	NLE
Heptachlor	1	86.48	0.0003	ND	0.15
Aldrin	1	86.48	0.0005	ND	0.04
Heptachlor Epoxide	1	86.48	0.0007	ND	NLE
Endosulfan I	1	86.48	0.0006	ND	NLE
4,4'-DDE	1	86.48	0.0005	0.012	2
Dieldrin	1	86.48	0.0006	ND	0.042
Endrin	1	86.48	0.0006	ND	17
Endosulfan II	1	86.48	0.0005	ND	NLE
4,4'-DDD	1	86.48	0.0007	0.014	3
Endrin Aldehyde	1	86.48	0.0006	ND	NLE
4,4'-DDT	1	86.48	0.0013	0.014	2
Endosulfan-Sulfate	1	86.48	0.0005	ND	NLE
gamma -Chlordane	1	86.48	0.0006	ND	NLE
alpha-Chlordane	1	86.48	0.0006	ND	NLE
Toxaphene	1	86.48	0.0003	ND	0.1
Arochlor 1016	1	86.48	0.0129	ND	0.49
Arochlor 1221	1	86.48	0.0237	ND	0.49
Arochlor 1232	1	86.48	0.0161	ND	0.49
Arochlor 1242	1	86.48	0.0184	ND	0.49
Arochlor 1248	1	86.48	0.0074	ND	0.49
Arochlor 1254	1	86.48	0.0046	ND	0.49
Arochlor 1260	1	86.48	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 # :**	4159.08
	DPW. SELFM-PW-EV	**Date Rec'd:**	12/28/98
	Bldg. 173	**Extraction Date:**	12/29/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/15/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	10

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	89.71	0.0003	ND	NLE
beta-BHC	1	89.71	0.0003	ND	NLE
gamma-BHC	1	89.71	0.0004	ND	0.52
delta-BHC	1	89.71	0.0004	ND	NLE
Heptachlor	1	89.71	0.0003	ND	0.15
Aldrin	1	89.71	0.0004	ND	0.04
Heptachlor Epoxide	1	89.71	0.0007	ND	NLE
Endosulfan I	1	89.71	0.0006	ND	NLE
4,4'-DDE	1	89.71	0.0004	0.024	2
Dieldrin	1	89.71	0.0006	0.001	0.042
Endrin	1	89.71	0.0006	ND	17
Endosulfan II	1	89.71	0.0004	ND	NLE
4,4'-DDD	1	89.71	0.0007	0.027	3
Endrin Aldehyde	1	89.71	0.0006	ND	NLE
4,4'-DDT	1	89.71	0.0012	0.055	2
Endosulfan-Sulfate	1	89.71	0.0004	ND	NLE
gamma -Chlordane	1	89.71	0.0006	ND	NLE
alpha-Chlordane	1	89.71	0.0006	ND	NLE
Toxaphene	1	89.71	0.0003	ND	0.1
Arochlor 1016	1	89.71	0.0124	ND	0.49
Arochlor 1221	1	89.71	0.0228	ND	0.49
Arochlor 1232	1	89.71	0.0155	ND	0.49
Arochlor 1242	1	89.71	0.0177	ND	0.49
Arochlor 1248	1	89.71	0.0071	ND	0.49
Arochlor 1254	1	89.71	0.0044	ND	0.49
Arochlor 1260	1	89.71	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 # :**	4159.10
	DPW. SELFM-PW-EV	**Date Rec'd:**	12/28/98
	Bldg. 173	**Extraction Date:**	12/29/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/15/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	11

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	89.53	0.0003	ND	NLE
beta-BHC	1	89.53	0.0003	ND	NLE
gamma-BHC	1	89.53	0.0004	ND	0.52
delta-BHC	1	89.53	0.0004	ND	NLE
Heptachlor	1	89.53	0.0003	ND	0.15
Aldrin	1	89.53	0.0004	ND	0.04
Heptachlor Epoxide	1	89.53	0.0007	ND	NLE
Endosulfan I	1	89.53	0.0006	ND	NLE
4,4'-DDE	1	89.53	0.0004	0.013	2
Dieldrin	1	89.53	0.0006	ND	0.042
Endrin	1	89.53	0.0006	ND	17
Endosulfan II	1	89.53	0.0004	ND	NLE
4,4'-DDD	1	89.53	0.0007	0.014	3
Endrin Aldehyde	1	89.53	0.0006	ND	NLE
4,4'-DDT	1	89.53	0.0012	0.008	2
Endosulfan-Sulfate	1	89.53	0.0004	ND	NLE
gamma -Chlordane	1	89.53	0.0006	ND	NLE
alpha-Chlordane	1	89.53	0.0006	ND	NLE
Toxaphene	1	89.53	0.0003	ND	0.1
Arochlor 1016	1	89.53	0.0123	ND	0.49
Arochlor 1221	1	89.53	0.0227	ND	0.49
Arochlor 1232	1	89.53	0.0154	ND	0.49
Arochlor 1242	1	89.53	0.0176	ND	0.49
Arochlor 1248	1	89.53	0.0070	ND	0.49
Arochlor 1254	1	89.53	0.0044	ND	0.49
Arochlor 1260	1	89.53	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 # :**	4159.12
	DPW. SELFM-PW-EV	**Date Rec'd:**	12/28/98
	Bldg. 173	**Extraction Date:**	12/29/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/15/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	12

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	88.14	0.0003	ND	NLE
beta-BHC	1	88.14	0.0003	ND	NLE
gamma-BHC	1	88.14	0.0004	ND	0.52
delta-BHC	1	88.14	0.0004	ND	NLE
Heptachlor	1	88.14	0.0003	ND	0.15
Aldrin	1	88.14	0.0004	ND	0.04
Heptachlor Epoxide	1	88.14	0.0007	ND	NLE
Endosulfan I	1	88.14	0.0006	ND	NLE
4,4'-DDE	1	88.14	0.0004	0.060	2
Dieldrin	1	88.14	0.0006	ND	0.042
Endrin	1	88.14	0.0006	ND	17
Endosulfan II	1	88.14	0.0004	ND	NLE
4,4'-DDD	2	88.14	0.0013	0.169	3
Endrin Aldehyde	1	88.14	0.0006	ND	NLE
4,4'-DDT	2	88.14	0.0025	0.173	2
Endosulfan-Sulfate	1	88.14	0.0004	ND	NLE
gamma -Chlordane	1	88.14	0.0006	0.003	NLE
alpha-Chlordane	1	88.14	0.0006	0.001	NLE
Toxaphene	1	88.14	0.0003	ND	0.1
Arochlor 1016	1	88.14	0.0125	ND	0.49
Arochlor 1221	1	88.14	0.0230	ND	0.49
Arochlor 1232	1	88.14	0.0156	ND	0.49
Arochlor 1242	1	88.14	0.0178	ND	0.49
Arochlor 1248	1	88.14	0.0071	ND	0.49
Arochlor 1254	1	88.14	0.0045	ND	0.49
Arochlor 1260	1	88.14	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 # :**	4159.14
	DPW. SELFM-PW-EV	**Date Rec'd:**	12/28/98
	Bldg. 173	**Extraction Date:**	12/30/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/15/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	13

Pesticide/PCB	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	0.0005	ND	0.52
delta-BHC	1	87.94	0.0005	ND	NLE
Heptachlor	1	87.94	0.0003	ND	0.15
Aldrin	1	87.94	0.0005	ND	0.04
Heptachlor Epoxide	1	87.94	0.0007	ND	NLE
Endosulfan I	1	87.94	0.0006	ND	NLE
4,4'-DDE	1	87.94	0.0005	0.009	2
Dieldrin	1	87.94	0.0006	ND	0.042
Endrin	1	87.94	0.0006	ND	17
Endosulfan II	1	87.94	0.0005	ND	NLE
4,4'-DDD	1	87.94	0.0007	0.011	3
Endrin Aldehyde	1	87.94	0.0006	ND	NLE
4,4'-DDT	1	87.94	0.0012	0.015	2
Endosulfan-Sulfate	1	87.94	0.0005	ND	NLE
gamma -Chlordane	1	87.94	0.0006	ND	NLE
alpha-Chlordane	1	87.94	0.0006	ND	NLE
Toxaphene	1	87.94	0.0003	ND	0.1
Arochlor 1016	1	87.94	0.0127	ND	0.49
Arochlor 1221	1	87.94	0.0233	ND	0.49
Arochlor 1232	1	87.94	0.0158	ND	0.49
Arochlor 1242	1	87.94	0.0181	ND	0.49
Arochlor 1248	1	87.94	0.0072	ND	0.49
Arochlor 1254	1	87.94	0.0045	ND	0.49
Arochlor 1260	1	87.94	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 # :**	4159.16
	DPW. SELFM-PW-EV	**Date Rec'd:**	12/28/98
	Bldg. 173	**Extraction Date:**	12/29/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/16/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	14

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	84.77	0.0004	ND	NLE
beta-BHC	1	84.77	0.0004	ND	NLE
gamma-BHC	1	84.77	0.0005	ND	0.52
delta-BHC	1	84.77	0.0005	ND	NLE
Heptachlor	1	84.77	0.0004	ND	0.15
Aldrin	1	84.77	0.0005	ND	0.04
Heptachlor Epoxide	1	84.77	0.0007	ND	NLE
Endosulfan I	1	84.77	0.0006	ND	NLE
4,4'-DDE	1	84.77	0.0005	0.008	2
Dieldrin	1	84.77	0.0006	ND	0.042
Endrin	1	84.77	0.0006	ND	17
Endosulfan II	1	84.77	0.0005	ND	NLE
4,4'-DDD	1	84.77	0.0007	0.011	3
Endrin Aldehyde	1	84.77	0.0006	ND	NLE
4,4'-DDT	1	84.77	0.0013	0.012	2
Endosulfan-Sulfate	1	84.77	0.0005	ND	NLE
gamma -Chlordane	1	84.77	0.0006	ND	NLE
alpha-Chlordane	1	84.77	0.0006	ND	NLE
Toxaphene	1	84.77	0.0004	ND	0.1
Arochlor 1016	1	84.77	0.0132	ND	0.49
Arochlor 1221	1	84.77	0.0242	ND	0.49
Arochlor 1232	1	84.77	0.0164	ND	0.49
Arochlor 1242	1	84.77	0.0188	ND	0.49
Arochlor 1248	1	84.77	0.0075	ND	0.49
Arochlor 1254	1	84.77	0.0047	ND	0.49
Arochlor 1260	1	84.77	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 # :**	4159.18
	DPW. SELFM-PW-EV	**Date Rec'd:**	12/28/98
	Bldg. 173	**Extraction Date:**	12/30/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/16/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	15

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	86.06	0.0003	ND	NLE
beta-BHC	1	86.06	0.0003	ND	NLE
gamma-BHC	1	86.06	0.0005	ND	0.52
delta-BHC	1	86.06	0.0005	ND	NLE
Heptachlor	1	86.06	0.0003	ND	0.15
Aldrin	1	86.06	0.0005	ND	0.04
Heptachlor Epoxide	1	86.06	0.0007	ND	NLE
Endosulfan I	1	86.06	0.0006	ND	NLE
4,4'-DDE	1	86.06	0.0005	0.025	2
Dieldrin	1	86.06	0.0006	ND	0.042
Endrin	1	86.06	0.0006	ND	17
Endosulfan II	1	86.06	0.0005	ND	NLE
4,4'-DDD	1	86.06	0.0007	0.066	3
Endrin Aldehyde	1	86.06	0.0006	ND	NLE
4,4'-DDT	1	86.06	0.0013	0.108	2
Endosulfan-Sulfate	1	86.06	0.0005	ND	NLE
gamma -Chlordane	1	86.06	0.0006	ND	NLE
alpha-Chlordane	1	86.06	0.0006	ND	NLE
Toxaphene	1	86.06	0.0003	ND	0.1
Arochlor 1016	1	86.06	0.0129	ND	0.49
Arochlor 1221	1	86.06	0.0238	ND	0.49
Arochlor 1232	1	86.06	0.0162	ND	0.49
Arochlor 1242	1	86.06	0.0185	ND	0.49
Arochlor 1248	1	86.06	0.0074	ND	0.49
Arochlor 1254	1	86.06	0.0046	ND	0.49
Arochlor 1260	1	86.06	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 # :**	4159.20
	DPW. SELFM-PW-EV	**Date Rec'd:**	12/28/98
	Bldg. 173	**Extraction Date:**	12/30/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/16/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	16

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	89.35	0.0003	ND	NLE
beta-BHC	1	89.35	0.0003	ND	NLE
gamma-BHC	1	89.35	0.0004	ND	0.52
delta-BHC	1	89.35	0.0004	ND	NLE
Heptachlor	1	89.35	0.0003	ND	0.15
Aldrin	1	89.35	0.0004	ND	0.04
Heptachlor Epoxide	1	89.35	0.0007	ND	NLE
Endosulfan I	1	89.35	0.0006	ND	NLE
4,4'-DDE	1	89.35	0.0004	0.039	2
Dieldrin	1	89.35	0.0006	ND	0.042
Endrin	1	89.35	0.0006	ND	17
Endosulfan II	1	89.35	0.0004	ND	NLE
4,4'-DDD	1	89.35	0.0007	0.047	3
Endrin Aldehyde	1	89.35	0.0006	ND	NLE
4,4'-DDT	1	89.35	0.0012	0.088	2
Endosulfan-Sulfate	1	89.35	0.0004	ND	NLE
gamma -Chlordane	1	89.35	0.0006	ND	NLE
alpha-Chlordane	1	89.35	0.0006	ND	NLE
Toxaphene	1	89.35	0.0003	ND	0.1
Arochlor 1016	1	89.35	0.0125	ND	0.49
Arochlor 1221	1	89.35	0.0230	ND	0.49
Arochlor 1232	1	89.35	0.0156	ND	0.49
Arochlor 1242	1	89.35	0.0179	ND	0.49
Arochlor 1248	1	89.35	0.0071	ND	0.49
Arochlor 1254	1	89.35	0.0045	ND	0.49
Arochlor 1260	1	89.35	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 # :**	4159.22
	DPW. SELFM-PW-EV	**Date Rec'd:**	12/28/98
	Bldg. 173	**Extraction Date:**	12/29/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/16/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	17

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	88.85	0.0003	ND	NLE
beta-BHC	1	88.85	0.0003	ND	NLE
gamma-BHC	1	88.85	0.0004	ND	0.52
delta-BHC	1	88.85	0.0004	ND	NLE
Heptachlor	1	88.85	0.0003	ND	0.15
Aldrin	1	88.85	0.0004	ND	0.04
Heptachlor Epoxide	1	88.85	0.0007	ND	NLE
Endosulfan I	1	88.85	0.0006	ND	NLE
4,4'-DDE	1	88.85	0.0004	0.014	2
Dieldrin	1	88.85	0.0006	ND	0.042
Endrin	1	88.85	0.0006	ND	17
Endosulfan II	1	88.85	0.0004	ND	NLE
4,4'-DDD	1	88.85	0.0007	0.018	3
Endrin Aldehyde	1	88.85	0.0006	ND	NLE
4,4'-DDT	1	88.85	0.0012	0.026	2
Endosulfan-Sulfate	1	88.85	0.0004	ND	NLE
gamma -Chlordane	1	88.85	0.0006	ND	NLE
alpha-Chlordane	1	88.85	0.0006	ND	NLE
Toxaphene	1	88.85	0.0003	ND	0.1
Arochlor 1016	1	88.85	0.0125	ND	0.49
Arochlor 1221	1	88.85	0.0229	ND	0.49
Arochlor 1232	1	88.85	0.0156	ND	0.49
Arochlor 1242	1	88.85	0.0178	ND	0.49
Arochlor 1248	1	88.85	0.0071	ND	0.49
Arochlor 1254	1	88.85	0.0045	ND	0.49
Arochlor 1260	1	88.85	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 # :**	4159.24
	DPW. SELFM-PW-EV	**Date Rec'd:**	12/28/98
	Bldg. 173	**Extraction Date:**	12/30/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/16/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	18

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	86.74	0.0003	ND	NLE
beta-BHC	1	86.74	0.0003	ND	NLE
gamma-BHC	1	86.74	0.0005	ND	0.52
delta-BHC	1	86.74	0.0005	ND	NLE
Heptachlor	1	86.74	0.0003	ND	0.15
Aldrin	1	86.74	0.0005	ND	0.04
Heptachlor Epoxide	1	86.74	0.0007	ND	NLE
Endosulfan I	1	86.74	0.0006	ND	NLE
4,4'-DDE	1	86.74	0.0005	0.067	2
Dieldrin	1	86.74	0.0006	ND	0.042
Endrin	1	86.74	0.0006	ND	17
Endosulfan II	1	86.74	0.0005	ND	NLE
4,4'-DDD	2	86.74	0.0014	0.119	3
Endrin Aldehyde	1	86.74	0.0006	ND	NLE
4,4'-DDT	1	86.74	0.0012	0.097	2
Endosulfan-Sulfate	1	86.74	0.0005	ND	NLE
gamma -Chlordane	1	86.74	0.0006	ND	NLE
alpha-Chlordane	1	86.74	0.0006	ND	NLE
Toxaphene	1	86.74	0.0003	ND	0.1
Arochlor 1016	1	86.74	0.0127	ND	0.49
Arochlor 1221	1	86.74	0.0233	ND	0.49
Arochlor 1232	1	86.74	0.0159	ND	0.49
Arochlor 1242	1	86.74	0.0181	ND	0.49
Arochlor 1248	1	86.74	0.0072	ND	0.49
Arochlor 1254	1	86.74	0.0045	ND	0.49
Arochlor 1260	1	86.74	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 # :**	4159.26
	DPW. SELFM-PW-EV	**Date Rec'd:**	12/28/98
	Bldg. 173	**Extraction Date:**	12/30/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/16/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	19

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	87.20	0.0003	ND	NLE
beta-BHC	1	87.20	0.0003	ND	NLE
gamma-BHC	1	87.20	0.0005	ND	0.52
delta-BHC	1	87.20	0.0005	ND	NLE
Heptachlor	1	87.20	0.0003	ND	0.15
Aldrin	1	87.20	0.0005	ND	0.04
Heptachlor Epoxide	1	87.20	0.0007	ND	NLE
Endosulfan I	1	87.20	0.0006	ND	NLE
4,4'-DDE	1	87.20	0.0005	0.061	2
Dieldrin	1	87.20	0.0006	ND	0.042
Endrin	1	87.20	0.0006	ND	17
Endosulfan II	1	87.20	0.0005	ND	NLE
4,4'-DDD	1	87.20	0.0007	0.088	3
Endrin Aldehyde	1	87.20	0.0006	ND	NLE
4,4'-DDT	1	87.20	0.0013	0.065	2
Endosulfan-Sulfate	1	87.20	0.0005	ND	NLE
gamma -Chlordane	1	87.20	0.0006	ND	NLE
alpha-Chlordane	1	87.20	0.0006	ND	NLE
Toxaphene	1	87.20	0.0003	ND	0.1
Arochlor 1016	1	87.20	0.0128	ND	0.49
Arochlor 1221	1	87.20	0.0236	ND	0.49
Arochlor 1232	1	87.20	0.0160	ND	0.49
Arochlor 1242	1	87.20	0.0183	ND	0.49
Arochlor 1248	1	87.20	0.0073	ND	0.49
Arochlor 1254	1	87.20	0.0046	ND	0.49
Arochlor 1260	1	87.20	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 # :**	4160.02
	DPW. SELFM-PW-EV	**Date Rec'd:**	12/29/98
	Bldg. 173	**Extraction Date:**	12/30/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/16/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	20

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	88.74	0.0003	ND	NLE
beta-BHC	1	88.74	0.0003	ND	NLE
gamma-BHC	1	88.74	0.0004	ND	0.52
delta-BHC	1	88.74	0.0004	ND	NLE
Heptachlor	1	88.74	0.0003	ND	0.15
Aldrin	1	88.74	0.0004	ND	0.04
Heptachlor Epoxide	1	88.74	0.0007	ND	NLE
Endosulfan I	1	88.74	0.0006	ND	NLE
4,4'-DDE	1	88.74	0.0004	0.023	2
Dieldrin	1	88.74	0.0006	ND	0.042
Endrin	1	88.74	0.0006	ND	17
Endosulfan II	1	88.74	0.0004	ND	NLE
4,4'-DDD	1	88.74	0.0007	0.031	3
Endrin Aldehyde	1	88.74	0.0006	ND	NLE
4,4'-DDT	1	88.74	0.0012	0.072	2
Endosulfan-Sulfate	1	88.74	0.0004	ND	NLE
gamma -Chlordane	1	88.74	0.0006	ND	NLE
alpha-Chlordane	1	88.74	0.0006	ND	NLE
Toxaphene	1	88.74	0.0003	ND	0.1
Arochlor 1016	1	88.74	0.0125	ND	0.49
Arochlor 1221	1	88.74	0.0231	ND	0.49
Arochlor 1232	1	88.74	0.0157	ND	0.49
Arochlor 1242	1	88.74	0.0179	ND	0.49
Arochlor 1248	1	88.74	0.0072	ND	0.49
Arochlor 1254	1	88.74	0.0045	ND	0.49
Arochlor 1260	1	88.74	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 # :**	4160.04
	DPW. SELFM-PW-EV	**Date Rec'd:**	12/29/98
	Bldg. 173	**Extraction Date:**	12/30/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/16/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	21

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	91.02	0.0003	ND	NLE
beta-BHC	1	91.02	0.0003	ND	NLE
gamma-BHC	1	91.02	0.0004	ND	0.52
delta-BHC	1	91.02	0.0004	ND	NLE
Heptachlor	1	91.02	0.0003	ND	0.15
Aldrin	1	91.02	0.0004	ND	0.04
Heptachlor Epoxide	1	91.02	0.0006	ND	NLE
Endosulfan I	1	91.02	0.0005	ND	NLE
4,4'-DDE	1	91.02	0.0004	0.065	2
Dieldrin	1	91.02	0.0005	ND	0.042
Endrin	1	91.02	0.0005	ND	17
Endosulfan II	1	91.02	0.0004	ND	NLE
4,4'-DDD	1	91.02	0.0006	0.070	3
Endrin Aldehyde	1	91.02	0.0005	ND	NLE
4,4'-DDT	2	91.02	0.0024	0.157	2
Endosulfan-Sulfate	1	91.02	0.0004	ND	NLE
gamma -Chlordane	1	91.02	0.0005	ND	NLE
alpha-Chlordane	1	91.02	0.0005	ND	NLE
Toxaphene	1	91.02	0.0003	ND	0.1
Arochlor 1016	1	91.02	0.0121	ND	0.49
Arochlor 1221	1	91.02	0.0222	ND	0.49
Arochlor 1232	1	91.02	0.0151	ND	0.49
Arochlor 1242	1	91.02	0.0173	ND	0.49
Arochlor 1248	1	91.02	0.0069	ND	0.49
Arochlor 1254	1	91.02	0.0043	ND	0.49
Arochlor 1260	1	91.02	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 # :**	4160.06
	DPW. SELFM-PW-EV	**Date Rec'd:**	12/29/98
	Bldg. 173	**Extraction Date:**	12/30/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/16/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	22

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	86.27	0.0003	ND	NLE
beta-BHC	1	86.27	0.0003	ND	NLE
gamma-BHC	1	86.27	0.0005	ND	0.52
delta-BHC	1	86.27	0.0005	ND	NLE
Heptachlor	1	86.27	0.0003	ND	0.15
Aldrin	1	86.27	0.0005	ND	0.04
Heptachlor Epoxide	1	86.27	0.0007	ND	NLE
Endosulfan I	1	86.27	0.0006	ND	NLE
4,4'-DDE	1	86.27	0.0005	0.021	2
Dieldrin	1	86.27	0.0006	ND	0.042
Endrin	1	86.27	0.0006	ND	17
Endosulfan II	1	86.27	0.0005	ND	NLE
4,4'-DDD	1	86.27	0.0007	0.030	3
Endrin Aldehyde	1	86.27	0.0006	ND	NLE
4,4'-DDT	1	86.27	0.0013	0.030	2
Endosulfan-Sulfate	1	86.27	0.0005	ND	NLE
gamma -Chlordane	1	86.27	0.0006	ND	NLE
alpha-Chlordane	1	86.27	0.0006	ND	NLE
Toxaphene	1	86.27	0.0003	ND	0.1
Arochlor 1016	1	86.27	0.0128	ND	0.49
Arochlor 1221	1	86.27	0.0235	ND	0.49
Arochlor 1232	1	86.27	0.0160	ND	0.49
Arochlor 1242	1	86.27	0.0183	ND	0.49
Arochlor 1248	1	86.27	0.0073	ND	0.49
Arochlor 1254	1	86.27	0.0046	ND	0.49
Arochlor 1260	1	86.27	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 # :**	4160.08
	DPW. SELFM-PW-EV	**Date Rec'd:**	12/29/98
	Bldg. 173	**Extraction Date:**	12/30/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/16/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	23

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	88.58	0.0003	ND	NLE
beta-BHC	1	88.58	0.0003	ND	NLE
gamma-BHC	1	88.58	0.0005	ND	0.52
delta-BHC	1	88.58	0.0005	ND	NLE
Heptachlor	1	88.58	0.0003	ND	0.15
Aldrin	1	88.58	0.0005	ND	0.04
Heptachlor Epoxide	1	88.58	0.0007	ND	NLE
Endosulfan I	1	88.58	0.0006	ND	NLE
4,4'-DDE	1	88.58	0.0005	0.023	2
Dieldrin	1	88.58	0.0006	ND	0.042
Endrin	1	88.58	0.0006	ND	17
Endosulfan II	1	88.58	0.0005	ND	NLE
4,4'-DDD	1	88.58	0.0007	0.041	3
Endrin Aldehyde	1	88.58	0.0006	ND	NLE
4,4'-DDT	1	88.58	0.0012	0.026	2
Endosulfan-Sulfate	1	88.58	0.0005	ND	NLE
gamma -Chlordane	1	88.58	0.0006	ND	NLE
alpha-Chlordane	1	88.58	0.0006	ND	NLE
Toxaphene	1	88.58	0.0003	ND	0.1
Arochlor 1016	1	88.58	0.0126	ND	0.49
Arochlor 1221	1	88.58	0.0232	ND	0.49
Arochlor 1232	1	88.58	0.0158	ND	0.49
Arochlor 1242	1	88.58	0.0180	ND	0.49
Arochlor 1248	1	88.58	0.0072	ND	0.49
Arochlor 1254	1	88.58	0.0045	ND	0.49
Arochlor 1260	1	88.58	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 # :**	4160.10
	DPW. SELFM-PW-EV	**Date Rec'd:**	12/29/98
	Bldg. 173	**Extraction Date:**	12/30/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/16/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	24

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	87.02	0.0003	ND	NLE
beta-BHC	1	87.02	0.0003	ND	NLE
gamma-BHC	1	87.02	0.0005	ND	0.52
delta-BHC	1	87.02	0.0005	ND	NLE
Heptachlor	1	87.02	0.0003	ND	0.15
Aldrin	1	87.02	0.0005	ND	0.04
Heptachlor Epoxide	1	87.02	0.0007	ND	NLE
Endosulfan I	1	87.02	0.0006	ND	NLE
4,4'-DDE	1	87.02	0.0005	0.012	2
Dieldrin	1	87.02	0.0006	ND	0.042
Endrin	1	87.02	0.0006	ND	17
Endosulfan II	1	87.02	0.0005	ND	NLE
4,4'-DDD	1	87.02	0.0007	0.016	3
Endrin Aldehyde	1	87.02	0.0006	ND	NLE
4,4'-DDT	1	87.02	0.0013	0.025	2
Endosulfan-Sulfate	1	87.02	0.0005	ND	NLE
gamma -Chlordane	1	87.02	0.0006	ND	NLE
alpha-Chlordane	1	87.02	0.0006	ND	NLE
Toxaphene	1	87.02	0.0003	ND	0.1
Arochlor 1016	1	87.02	0.0128	ND	0.49
Arochlor 1221	1	87.02	0.0236	ND	0.49
Arochlor 1232	1	87.02	0.0160	ND	0.49
Arochlor 1242	1	87.02	0.0183	ND	0.49
Arochlor 1248	1	87.02	0.0073	ND	0.49
Arochlor 1254	1	87.02	0.0046	ND	0.49
Arochlor 1260	1	87.02	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 # :**	4160.12
	DPW. SELFM-PW-EV	**Date Rec'd:**	12/29/98
	Bldg. 173	**Extraction Date:**	12/30/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/16/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	25

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	88.53	0.0003	ND	NLE
beta-BHC	1	88.53	0.0003	ND	NLE
gamma-BHC	1	88.53	0.0004	ND	0.52
delta-BHC	1	88.53	0.0004	ND	NLE
Heptachlor	1	88.53	0.0003	ND	0.15
Aldrin	1	88.53	0.0004	ND	0.04
Heptachlor Epoxide	1	88.53	0.0007	ND	NLE
Endosulfan I	1	88.53	0.0006	ND	NLE
4,4'-DDE	1	88.53	0.0004	0.013	2
Dieldrin	1	88.53	0.0006	ND	0.042
Endrin	1	88.53	0.0006	ND	17
Endosulfan II	1	88.53	0.0004	ND	NLE
4,4'-DDD	1	88.53	0.0007	0.012	3
Endrin Aldehyde	1	88.53	0.0006	ND	NLE
4,4'-DDT	1	88.53	0.0012	0.034	2
Endosulfan-Sulfate	1	88.53	0.0004	ND	NLE
gamma -Chlordane	1	88.53	0.0006	ND	NLE
alpha-Chlordane	1	88.53	0.0006	ND	NLE
Toxaphene	1	88.53	0.0003	ND	0.1
Arochlor 1016	1	88.53	0.0125	ND	0.49
Arochlor 1221	1	88.53	0.0230	ND	0.49
Arochlor 1232	1	88.53	0.0156	ND	0.49
Arochlor 1242	1	88.53	0.0179	ND	0.49
Arochlor 1248	1	88.53	0.0072	ND	0.49
Arochlor 1254	1	88.53	0.0045	ND	0.49
Arochlor 1260	1	88.53	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 # :**	4160.14
	DPW. SELFM-PW-EV	**Date Rec'd:**	12/29/98
	Bldg. 173	**Extraction Date:**	12/30/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/16/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	26

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	87.93	0.0003	ND	NLE
beta-BHC	1	87.93	0.0003	ND	NLE
gamma-BHC	1	87.93	0.0004	ND	0.52
delta-BHC	1	87.93	0.0004	ND	NLE
Heptachlor	1	87.93	0.0003	ND	0.15
Aldrin	1	87.93	0.0004	ND	0.04
Heptachlor Epoxide	1	87.93	0.0007	ND	NLE
Endosulfan I	1	87.93	0.0006	ND	NLE
4,4'-DDE	1	87.93	0.0004	0.020	2
Dieldrin	1	87.93	0.0006	ND	0.042
Endrin	1	87.93	0.0006	ND	17
Endosulfan II	1	87.93	0.0004	ND	NLE
4,4'-DDD	1	87.93	0.0007	0.044	3
Endrin Aldehyde	1	87.93	0.0006	ND	NLE
4,4'-DDT	1	87.93	0.0012	0.079	2
Endosulfan-Sulfate	1	87.93	0.0004	ND	NLE
gamma -Chlordane	1	87.93	0.0006	ND	NLE
alpha-Chlordane	1	87.93	0.0006	ND	NLE
Toxaphene	1	87.93	0.0003	ND	0.1
Arochlor 1016	1	87.93	0.0124	ND	0.49
Arochlor 1221	1	87.93	0.0229	ND	0.49
Arochlor 1232	1	87.93	0.0155	ND	0.49
Arochlor 1242	1	87.93	0.0178	ND	0.49
Arochlor 1248	1	87.93	0.0071	ND	0.49
Arochlor 1254	1	87.93	0.0044	ND	0.49
Arochlor 1260	1	87.93	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 # :**	4160.16
	DPW. SELFM-PW-EV	**Date Rec'd:**	12/29/98
	Bldg. 173	**Extraction Date:**	12/30/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/16/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	27

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	86.54	0.0003	ND	NLE
beta-BHC	1	86.54	0.0003	ND	NLE
gamma-BHC	1	86.54	0.0005	ND	0.52
delta-BHC	1	86.54	0.0005	ND	NLE
Heptachlor	1	86.54	0.0003	ND	0.15
Aldrin	1	86.54	0.0005	ND	0.04
Heptachlor Epoxide	1	86.54	0.0007	ND	NLE
Endosulfan I	1	86.54	0.0006	ND	NLE
4,4'-DDE	1	86.54	0.0005	0.029	2
Dieldrin	1	86.54	0.0006	ND	0.042
Endrin	1	86.54	0.0006	ND	17
Endosulfan II	1	86.54	0.0005	ND	NLE
4,4'-DDD	1	86.54	0.0007	0.055	3
Endrin Aldehyde	1	86.54	0.0006	ND	NLE
4,4'-DDT	1	86.54	0.0013	0.033	2
Endosulfan-Sulfate	1	86.54	0.0005	ND	NLE
gamma -Chlordane	1	86.54	0.0006	ND	NLE
alpha-Chlordane	1	86.54	0.0006	ND	NLE
Toxaphene	1	86.54	0.0003	ND	0.1
Arochlor 1016	1	86.54	0.0128	ND	0.49
Arochlor 1221	1	86.54	0.0236	ND	0.49
Arochlor 1232	1	86.54	0.0160	ND	0.49
Arochlor 1242	1	86.54	0.0183	ND	0.49
Arochlor 1248	1	86.54	0.0073	ND	0.49
Arochlor 1254	1	86.54	0.0046	ND	0.49
Arochlor 1260	1	86.54	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 # :**	4160.18
	DPW. SELFM-PW-EV	**Date Rec'd:**	12/29/98
	Bldg. 173	**Extraction Date:**	12/30/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/16/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	28

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	87.61	0.0003	ND	NLE
beta-BHC	1	87.61	0.0003	ND	NLE
gamma-BHC	1	87.61	0.0004	ND	0.52
delta-BHC	1	87.61	0.0004	ND	NLE
Heptachlor	1	87.61	0.0003	ND	0.15
Aldrin	1	87.61	0.0004	ND	0.04
Heptachlor Epoxide	1	87.61	0.0007	ND	NLE
Endosulfan I	1	87.61	0.0006	ND	NLE
4,4'-DDE	1	87.61	0.0004	0.015	2
Dieldrin	1	87.61	0.0006	ND	0.042
Endrin	1	87.61	0.0006	ND	17
Endosulfan II	1	87.61	0.0004	ND	NLE
4,4'-DDD	1	87.61	0.0007	0.024	3
Endrin Aldehyde	1	87.61	0.0006	ND	NLE
4,4'-DDT	1	87.61	0.0012	0.026	2
Endosulfan-Sulfate	1	87.61	0.0004	ND	NLE
gamma -Chlordane	1	87.61	0.0006	ND	NLE
alpha-Chlordane	1	87.61	0.0006	ND	NLE
Toxaphene	1	87.61	0.0003	ND	0.1
Arochlor 1016	1	87.61	0.0125	ND	0.49
Arochlor 1221	1	87.61	0.0231	ND	0.49
Arochlor 1232	1	87.61	0.0157	ND	0.49
Arochlor 1242	1	87.61	0.0179	ND	0.49
Arochlor 1248	1	87.61	0.0072	ND	0.49
Arochlor 1254	1	87.61	0.0045	ND	0.49
Arochlor 1260	1	87.61	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 # :**	4160.20
	DPW. SELFM-PW-EV	**Date Rec'd:**	12/29/98
	Bldg. 173	**Extraction Date:**	12/30/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/16/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	29

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	87.13	0.0003	ND	NLE
beta-BHC	1	87.13	0.0003	ND	NLE
gamma-BHC	1	87.13	0.0005	ND	0.52
delta-BHC	1	87.13	0.0005	ND	NLE
Heptachlor	1	87.13	0.0003	ND	0.15
Aldrin	1	87.13	0.0005	ND	0.04
Heptachlor Epoxide	1	87.13	0.0007	ND	NLE
Endosulfan I	1	87.13	0.0006	ND	NLE
4,4'-DDE	1	87.13	0.0005	0.006	2
Dieldrin	1	87.13	0.0006	ND	0.042
Endrin	1	87.13	0.0006	ND	17
Endosulfan II	1	87.13	0.0005	ND	NLE
4,4'-DDD	1	87.13	0.0007	0.007	3
Endrin Aldehyde	1	87.13	0.0006	ND	NLE
4,4'-DDT	1	87.13	0.0013	0.027	2
Endosulfan-Sulfate	1	87.13	0.0005	ND	NLE
gamma -Chlordane	1	87.13	0.0006	ND	NLE
alpha-Chlordane	1	87.13	0.0006	ND	NLE
Toxaphene	1	87.13	0.0003	ND	0.1
Arochlor 1016	1	87.13	0.0129	ND	0.49
Arochlor 1221	1	87.13	0.0236	ND	0.49
Arochlor 1232	1	87.13	0.0161	ND	0.49
Arochlor 1242	1	87.13	0.0184	ND	0.49
Arochlor 1248	1	87.13	0.0073	ND	0.49
Arochlor 1254	1	87.13	0.0046	ND	0.49
Arochlor 1260	1	87.13	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 # :**	4162.02
	DPW. SELFM-PW-EV	**Date Rec'd:**	12/30/98
	Bldg. 173	**Extraction Date:**	12/30/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/25/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	30

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	86.41	0.0068	ND	NLE
beta-BHC	20	86.41	0.0068	ND	NLE
gamma-BHC	20	86.41	0.0091	ND	0.52
delta-BHC	20	86.41	0.0091	ND	NLE
Heptachlor	20	86.41	0.0068	ND	0.15
Aldrin	20	86.41	0.0091	ND	0.04
Heptachlor Epoxide	20	86.41	0.0136	ND	NLE
Endosulfan I	20	86.41	0.0113	ND	NLE
4,4'-DDE	20	86.41	0.0091	0.045	2
Dieldrin	20	86.41	0.0113	ND	0.042
Endrin	20	86.41	0.0113	ND	17
Endosulfan II	20	86.41	0.0091	ND	NLE
4,4'-DDD	20	86.41	0.0136	0.084	3
Endrin Aldehyde	20	86.41	0.0113	ND	NLE
4,4'-DDT	20	86.41	0.0249	0.053	2
Endosulfan-Sulfate	20	86.41	0.0091	ND	NLE
gamma -Chlordane	20	86.41	0.0113	ND	NLE
alpha-Chlordane	20	86.41	0.0113	ND	NLE
Toxaphene	20	86.41	0.0068	ND	0.1
Arochlor 1016	20	86.41	0.2539	ND	0.49
Arochlor 1221	20	86.41	0.4670	ND	0.49
Arochlor 1232	20	86.41	0.3174	ND	0.49
Arochlor 1242	20	86.41	0.3627	ND	0.49
Arochlor 1248	20	86.41	0.1451	ND	0.49
Arochlor 1254	20	86.41	0.0907	ND	0.49
Arochlor 1260	20	86.41	0.0816	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 # :**	4162.04
	DPW. SELFM-PW-EV	**Date Rec'd:**	12/30/98
	Bldg. 173	**Extraction Date:**	12/30/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/25/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	31

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	86.72	0.0069	ND	NLE
beta-BHC	20	86.72	0.0069	ND	NLE
gamma-BHC	20	86.72	0.0092	ND	0.52
delta-BHC	20	86.72	0.0092	ND	NLE
Heptachlor	20	86.72	0.0069	ND	0.15
Aldrin	20	86.72	0.0092	ND	0.04
Heptachlor Epoxide	20	86.72	0.0138	ND	NLE
Endosulfan I	20	86.72	0.0115	ND	NLE
4,4'-DDE	20	86.72	0.0092	0.053	2
Dieldrin	20	86.72	0.0115	ND	0.042
Endrin	20	86.72	0.0115	ND	17
Endosulfan II	20	86.72	0.0092	ND	NLE
4,4'-DDD	20	86.72	0.0138	0.099	3
Endrin Aldehyde	20	86.72	0.0115	ND	NLE
4,4'-DDT	20	86.72	0.0253	0.117	2
Endosulfan-Sulfate	20	86.72	0.0092	ND	NLE
gamma -Chlordane	20	86.72	0.0115	ND	NLE
alpha-Chlordane	20	86.72	0.0115	ND	NLE
Toxaphene	20	86.72	0.0069	ND	0.1
Arochlor 1016	20	86.72	0.2578	ND	0.49
Arochlor 1221	20	86.72	0.4741	ND	0.49
Arochlor 1232	20	86.72	0.3222	ND	0.49
Arochlor 1242	20	86.72	0.3683	ND	0.49
Arochlor 1248	20	86.72	0.1473	ND	0.49
Arochlor 1254	20	86.72	0.0921	ND	0.49
Arochlor 1260	20	86.72	0.0829	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 # :**	4162.06
	DPW. SELFM-PW-EV	**Date Rec'd:**	12/30/98
	Bldg. 173	**Extraction Date:**	12/30/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/25/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	32

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	86.19	0.0069	ND	NLE
beta-BHC	20	86.19	0.0069	ND	NLE
gamma-BHC	20	86.19	0.0091	ND	0.52
delta-BHC	20	86.19	0.0091	ND	NLE
Heptachlor	20	86.19	0.0069	ND	0.15
Aldrin	20	86.19	0.0091	ND	0.04
Heptachlor Epoxide	20	86.19	0.0137	ND	NLE
Endosulfan I	20	86.19	0.0114	ND	NLE
4,4'-DDE	20	86.19	0.0091	0.062	2
Dieldrin	20	86.19	0.0114	ND	0.042
Endrin	20	86.19	0.0114	ND	17
Endosulfan II	20	86.19	0.0091	ND	NLE
4,4'-DDD	20	86.19	0.0137	0.117	3
Endrin Aldehyde	20	86.19	0.0114	ND	NLE
4,4'-DDT	20	86.19	0.0251	0.171	2
Endosulfan-Sulfate	20	86.19	0.0091	ND	NLE
gamma -Chlordane	20	86.19	0.0114	ND	NLE
alpha-Chlordane	20	86.19	0.0114	ND	NLE
Toxaphene	20	86.19	0.0069	ND	0.1
Arochlor 1016	20	86.19	0.2558	ND	0.49
Arochlor 1221	20	86.19	0.4705	ND	0.49
Arochlor 1232	20	86.19	0.3197	ND	0.49
Arochlor 1242	20	86.19	0.3654	ND	0.49
Arochlor 1248	20	86.19	0.1462	ND	0.49
Arochlor 1254	20	86.19	0.0914	ND	0.49
Arochlor 1260	20	86.19	0.0822	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 # :**	4162.08
	DPW. SELFM-PW-EV	**Date Rec'd:**	12/30/98
	Bldg. 173	**Extraction Date:**	12/30/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/25/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	33

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	93.76	0.0064	ND	NLE
beta-BHC	20	93.76	0.0064	ND	NLE
gamma-BHC	20	93.76	0.0085	ND	0.52
delta-BHC	20	93.76	0.0085	ND	NLE
Heptachlor	20	93.76	0.0064	ND	0.15
Aldrin	20	93.76	0.0085	ND	0.04
Heptachlor Epoxide	20	93.76	0.0128	ND	NLE
Endosulfan I	20	93.76	0.0106	ND	NLE
4,4'-DDE	20	93.76	0.0085	0.068	2
Dieldrin	20	93.76	0.0106	ND	0.042
Endrin	20	93.76	0.0106	ND	17
Endosulfan II	20	93.76	0.0085	ND	NLE
4,4'-DDD	20	93.76	0.0128	0.354	3
Endrin Aldehyde	20	93.76	0.0106	ND	NLE
4,4'-DDT	50	93.76	0.0585	4.095	2
Endosulfan-Sulfate	20	93.76	0.0085	ND	NLE
gamma -Chlordane	20	93.76	0.0106	ND	NLE
alpha-Chlordane	20	93.76	0.0106	ND	NLE
Toxaphene	20	93.76	0.0064	ND	0.1
Arochlor 1016	20	93.76	0.2384	ND	0.49
Arochlor 1221	20	93.76	0.4385	ND	0.49
Arochlor 1232	20	93.76	0.2980	ND	0.49
Arochlor 1242	20	93.76	0.3406	ND	0.49
Arochlor 1248	20	93.76	0.1362	ND	0.49
Arochlor 1254	20	93.76	0.0852	ND	0.49
Arochlor 1260	20	93.76	0.0766	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 # :**	4162.10
	DPW. SELFM-PW-EV	**Date Rec'd:**	12/30/98
	Bldg. 173	**Extraction Date:**	12/31/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/25/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	34

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	91.35	0.0065	ND	NLE
beta-BHC	20	91.35	0.0065	ND	NLE
gamma-BHC	20	91.35	0.0087	ND	0.52
delta-BHC	20	91.35	0.0087	ND	NLE
Heptachlor	20	91.35	0.0065	ND	0.15
Aldrin	20	91.35	0.0087	ND	0.04
Heptachlor Epoxide	20	91.35	0.0130	ND	NLE
Endosulfan I	20	91.35	0.0109	ND	NLE
4,4'-DDE	20	91.35	0.0087	0.044	2
Dieldrin	20	91.35	0.0109	ND	0.042
Endrin	20	91.35	0.0109	ND	17
Endosulfan II	20	91.35	0.0087	ND	NLE
4,4'-DDD	20	91.35	0.0130	0.049	3
Endrin Aldehyde	20	91.35	0.0109	ND	NLE
4,4'-DDT	20	91.35	0.0239	0.098	2
Endosulfan-Sulfate	20	91.35	0.0087	ND	NLE
gamma -Chlordane	20	91.35	0.0109	ND	NLE
alpha-Chlordane	20	91.35	0.0109	ND	NLE
Toxaphene	20	91.35	0.0065	ND	0.1
Arochlor 1016	20	91.35	0.2433	ND	0.49
Arochlor 1221	20	91.35	0.4474	ND	0.49
Arochlor 1232	20	91.35	0.3041	ND	0.49
Arochlor 1242	20	91.35	0.3475	ND	0.49
Arochlor 1248	20	91.35	0.1390	ND	0.49
Arochlor 1254	20	91.35	0.0869	ND	0.49
Arochlor 1260	20	91.35	0.0782	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 # :**	4162.12
	DPW. SELFM-PW-EV	**Date Rec'd:**	12/30/98
	Bldg. 173	**Extraction Date:**	12/31/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/25/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	35

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	88.90	0.0067	ND	NLE
beta-BHC	20	88.90	0.0067	ND	NLE
gamma-BHC	20	88.90	0.0089	ND	0.52
delta-BHC	20	88.90	0.0089	ND	NLE
Heptachlor	20	88.90	0.0067	ND	0.15
Aldrin	20	88.90	0.0089	ND	0.04
Heptachlor Epoxide	20	88.90	0.0133	ND	NLE
Endosulfan I	20	88.90	0.0111	ND	NLE
4,4'-DDE	20	88.90	0.0089	0.025	2
Dieldrin	20	88.90	0.0111	ND	0.042
Endrin	20	88.90	0.0111	ND	17
Endosulfan II	20	88.90	0.0089	ND	NLE
4,4'-DDD	20	88.90	0.0133	0.033	3
Endrin Aldehyde	20	88.90	0.0111	ND	NLE
4,4'-DDT	20	88.90	0.0244	0.057	2
Endosulfan-Sulfate	20	88.90	0.0089	ND	NLE
gamma -Chlordane	20	88.90	0.0111	ND	NLE
alpha-Chlordane	20	88.90	0.0111	ND	NLE
Toxaphene	20	88.90	0.0067	ND	0.1
Arochlor 1016	20	88.90	0.2487	ND	0.49
Arochlor 1221	20	88.90	0.4575	ND	0.49
Arochlor 1232	20	88.90	0.3109	ND	0.49
Arochlor 1242	20	88.90	0.3553	ND	0.49
Arochlor 1248	20	88.90	0.1421	ND	0.49
Arochlor 1254	20	88.90	0.0888	ND	0.49
Arochlor 1260	20	88.90	0.0800	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 # :**	4162.14
	DPW. SELFM-PW-EV	**Date Rec'd:**	12/30/98
	Bldg. 173	**Extraction Date:**	12/31/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/25/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	36

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	86.63	0.0069	ND	NLE
beta-BHC	20	86.63	0.0069	ND	NLE
gamma-BHC	20	86.63	0.0091	ND	0.52
delta-BHC	20	86.63	0.0091	ND	NLE
Heptachlor	20	86.63	0.0069	ND	0.15
Aldrin	20	86.63	0.0091	ND	0.04
Heptachlor Epoxide	20	86.63	0.0137	ND	NLE
Endosulfan I	20	86.63	0.0114	ND	NLE
4,4'-DDE	20	86.63	0.0091	0.054	2
Dieldrin	20	86.63	0.0114	ND	0.042
Endrin	20	86.63	0.0114	ND	17
Endosulfan II	20	86.63	0.0091	ND	NLE
4,4'-DDD	20	86.63	0.0137	0.081	3
Endrin Aldehyde	20	86.63	0.0114	ND	NLE
4,4'-DDT	20	86.63	0.0251	0.108	2
Endosulfan-Sulfate	20	86.63	0.0091	ND	NLE
gamma -Chlordane	20	86.63	0.0114	ND	NLE
alpha-Chlordane	20	86.63	0.0114	ND	NLE
Toxaphene	20	86.63	0.0069	ND	0.1
Arochlor 1016	20	86.63	0.2558	ND	0.49
Arochlor 1221	20	86.63	0.4704	ND	0.49
Arochlor 1232	20	86.63	0.3197	ND	0.49
Arochlor 1242	20	86.63	0.3654	ND	0.49
Arochlor 1248	20	86.63	0.1461	ND	0.49
Arochlor 1254	20	86.63	0.0913	ND	0.49
Arochlor 1260	20	86.63	0.0822	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 # :**	4162.16
	DPW. SELFM-PW-EV	**Date Rec'd:**	12/30/98
	Bldg. 173	**Extraction Date:**	12/31/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/25/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	37

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	86.81	0.0068	ND	NLE
beta-BHC	20	86.81	0.0068	ND	NLE
gamma-BHC	20	86.81	0.0091	ND	0.52
delta-BHC	20	86.81	0.0091	ND	NLE
Heptachlor	20	86.81	0.0068	ND	0.15
Aldrin	20	86.81	0.0091	ND	0.04
Heptachlor Epoxide	20	86.81	0.0136	ND	NLE
Endosulfan I	20	86.81	0.0113	ND	NLE
4,4'-DDE	20	86.81	0.0091	0.038	2
Dieldrin	20	86.81	0.0113	ND	0.042
Endrin	20	86.81	0.0113	ND	17
Endosulfan II	20	86.81	0.0091	ND	NLE
4,4'-DDD	20	86.81	0.0136	0.061	3
Endrin Aldehyde	20	86.81	0.0113	ND	NLE
4,4'-DDT	20	86.81	0.0249	0.063	2
Endosulfan-Sulfate	20	86.81	0.0091	ND	NLE
gamma -Chlordane	20	86.81	0.0113	ND	NLE
alpha-Chlordane	20	86.81	0.0113	ND	NLE
Toxaphene	20	86.81	0.0068	ND	0.1
Arochlor 1016	20	86.81	0.2535	ND	0.49
Arochlor 1221	20	86.81	0.4662	ND	0.49
Arochlor 1232	20	86.81	0.3168	ND	0.49
Arochlor 1242	20	86.81	0.3621	ND	0.49
Arochlor 1248	20	86.81	0.1448	ND	0.49
Arochlor 1254	20	86.81	0.0905	ND	0.49
Arochlor 1260	20	86.81	0.0815	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 # :**	4162.18
	DPW. SELFM-PW-EV	**Date Rec'd:**	12/30/98
	Bldg. 173	**Extraction Date:**	12/31/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/25/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	38

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	89.25	0.0067	ND	NLE
beta-BHC	20	89.25	0.0067	ND	NLE
gamma-BHC	20	89.25	0.0089	ND	0.52
delta-BHC	20	89.25	0.0089	ND	NLE
Heptachlor	20	89.25	0.0067	ND	0.15
Aldrin	20	89.25	0.0089	ND	0.04
Heptachlor Epoxide	20	89.25	0.0133	ND	NLE
Endosulfan I	20	89.25	0.0111	ND	NLE
4,4'-DDE	20	89.25	0.0089	0.032	2
Dieldrin	20	89.25	0.0111	ND	0.042
Endrin	20	89.25	0.0111	ND	17
Endosulfan II	20	89.25	0.0089	ND	NLE
4,4'-DDD	20	89.25	0.0133	0.043	3
Endrin Aldehyde	20	89.25	0.0111	ND	NLE
4,4'-DDT	20	89.25	0.0244	0.067	2
Endosulfan-Sulfate	20	89.25	0.0089	ND	NLE
gamma -Chlordane	20	89.25	0.0111	ND	NLE
alpha-Chlordane	20	89.25	0.0111	ND	NLE
Toxaphene	20	89.25	0.0067	ND	0.1
Arochlor 1016	20	89.25	0.2485	ND	0.49
Arochlor 1221	20	89.25	0.4571	ND	0.49
Arochlor 1232	20	89.25	0.3106	ND	0.49
Arochlor 1242	20	89.25	0.3550	ND	0.49
Arochlor 1248	20	89.25	0.1420	ND	0.49
Arochlor 1254	20	89.25	0.0887	ND	0.49
Arochlor 1260	20	89.25	0.0799	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 # :**	4162.20
	DPW. SELFM-PW-EV	**Date Rec'd:**	12/30/98
	Bldg. 173	**Extraction Date:**	12/31/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/25/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	39

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	85.18	0.0069	ND	NLE
beta-BHC	20	85.18	0.0069	ND	NLE
gamma-BHC	20	85.18	0.0092	ND	0.52
delta-BHC	20	85.18	0.0092	ND	NLE
Heptachlor	20	85.18	0.0069	ND	0.15
Aldrin	20	85.18	0.0092	ND	0.04
Heptachlor Epoxide	20	85.18	0.0138	ND	NLE
Endosulfan I	20	85.18	0.0115	ND	NLE
4,4'-DDE	20	85.18	0.0092	0.030	2
Dieldrin	20	85.18	0.0115	ND	0.042
Endrin	20	85.18	0.0115	ND	17
Endosulfan II	20	85.18	0.0092	ND	NLE
4,4'-DDD	20	85.18	0.0138	0.042	3
Endrin Aldehyde	20	85.18	0.0115	ND	NLE
4,4'-DDT	20	85.18	0.0254	0.138	2
Endosulfan-Sulfate	20	85.18	0.0092	ND	NLE
gamma -Chlordane	20	85.18	0.0115	ND	NLE
alpha-Chlordane	20	85.18	0.0115	ND	NLE
Toxaphene	20	85.18	0.0069	ND	0.1
Arochlor 1016	20	85.18	0.2583	ND	0.49
Arochlor 1221	20	85.18	0.4751	ND	0.49
Arochlor 1232	20	85.18	0.3229	ND	0.49
Arochlor 1242	20	85.18	0.3690	ND	0.49
Arochlor 1248	20	85.18	0.1476	ND	0.49
Arochlor 1254	20	85.18	0.0923	ND	0.49
Arochlor 1260	20	85.18	0.0830	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 # :**	4162.22
	DPW. SELFM-PW-EV	**Date Rec'd:**	12/30/98
	Bldg. 173	**Extraction Date:**	12/31/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/25/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	40

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	85.24	0.0069	ND	NLE
beta-BHC	20	85.24	0.0069	ND	NLE
gamma-BHC	20	85.24	0.0092	ND	0.52
delta-BHC	20	85.24	0.0092	ND	NLE
Heptachlor	20	85.24	0.0069	ND	0.15
Aldrin	20	85.24	0.0092	ND	0.04
Heptachlor Epoxide	20	85.24	0.0138	ND	NLE
Endosulfan I	20	85.24	0.0115	ND	NLE
4,4'-DDE	20	85.24	0.0092	0.052	2
Dieldrin	20	85.24	0.0115	ND	0.042
Endrin	20	85.24	0.0115	ND	17
Endosulfan II	20	85.24	0.0092	ND	NLE
4,4'-DDD	20	85.24	0.0138	0.077	3
Endrin Aldehyde	20	85.24	0.0115	ND	NLE
4,4'-DDT	20	85.24	0.0252	0.293	2
Endosulfan-Sulfate	20	85.24	0.0092	ND	NLE
gamma -Chlordane	20	85.24	0.0115	ND	NLE
alpha-Chlordane	20	85.24	0.0115	ND	NLE
Toxaphene	20	85.24	0.0069	ND	0.1
Arochlor 1016	20	85.24	0.2569	ND	0.49
Arochlor 1221	20	85.24	0.4725	ND	0.49
Arochlor 1232	20	85.24	0.3211	ND	0.49
Arochlor 1242	20	85.24	0.3670	ND	0.49
Arochlor 1248	20	85.24	0.1468	ND	0.49
Arochlor 1254	20	85.24	0.0917	ND	0.49
Arochlor 1260	20	85.24	0.0826	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 # :**	4162.24
	DPW. SELFM-PW-EV	**Date Rec'd:**	12/30/98
	Bldg. 173	**Extraction Date:**	12/31/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/25/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	41

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	85.54	0.0070	ND	NLE
beta-BHC	20	85.54	0.0070	ND	NLE
gamma-BHC	20	85.54	0.0093	ND	0.52
delta-BHC	20	85.54	0.0093	ND	NLE
Heptachlor	20	85.54	0.0070	ND	0.15
Aldrin	20	85.54	0.0093	ND	0.04
Heptachlor Epoxide	20	85.54	0.0139	ND	NLE
Endosulfan I	20	85.54	0.0116	ND	NLE
4,4'-DDE	20	85.54	0.0093	0.032	2
Dieldrin	20	85.54	0.0116	ND	0.042
Endrin	20	85.54	0.0116	ND	17
Endosulfan II	20	85.54	0.0093	ND	NLE
4,4'-DDD	20	85.54	0.0139	0.043	3
Endrin Aldehyde	20	85.54	0.0116	ND	NLE
4,4'-DDT	20	85.54	0.0256	0.114	2
Endosulfan-Sulfate	20	85.54	0.0093	ND	NLE
gamma -Chlordane	20	85.54	0.0116	ND	NLE
alpha-Chlordane	20	85.54	0.0116	ND	NLE
Toxaphene	20	85.54	0.0070	ND	0.1
Arochlor 1016	20	85.54	0.2603	ND	0.49
Arochlor 1221	20	85.54	0.4788	ND	0.49
Arochlor 1232	20	85.54	0.3254	ND	0.49
Arochlor 1242	20	85.54	0.3719	ND	0.49
Arochlor 1248	20	85.54	0.1487	ND	0.49
Arochlor 1254	20	85.54	0.0930	ND	0.49
Arochlor 1260	20	85.54	0.0837	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 # :**	4162.26
	DPW. SELFM-PW-EV	**Date Rec'd:**	12/30/98
	Bldg. 173	**Extraction Date:**	12/31/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/25/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	42

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	83.75	0.0071	ND	NLE
beta-BHC	20	83.75	0.0071	ND	NLE
gamma-BHC	20	83.75	0.0094	ND	0.52
delta-BHC	20	83.75	0.0094	ND	NLE
Heptachlor	20	83.75	0.0071	ND	0.15
Aldrin	20	83.75	0.0094	ND	0.04
Heptachlor Epoxide	20	83.75	0.0141	ND	NLE
Endosulfan I	20	83.75	0.0118	ND	NLE
4,4'-DDE	20	83.75	0.0094	ND	2
Dieldrin	20	83.75	0.0118	ND	0.042
Endrin	20	83.75	0.0118	ND	17
Endosulfan II	20	83.75	0.0094	ND	NLE
4,4'-DDD	20	83.75	0.0141	ND	3
Endrin Aldehyde	20	83.75	0.0118	ND	NLE
4,4'-DDT	20	83.75	0.0259	0.039	2
Endosulfan-Sulfate	20	83.75	0.0094	ND	NLE
gamma -Chlordane	20	83.75	0.0118	ND	NLE
alpha-Chlordane	20	83.75	0.0118	ND	NLE
Toxaphene	20	83.75	0.0071	ND	0.1
Arochlor 1016	20	83.75	0.2633	ND	0.49
Arochlor 1221	20	83.75	0.4842	ND	0.49
Arochlor 1232	20	83.75	0.3291	ND	0.49
Arochlor 1242	20	83.75	0.3761	ND	0.49
Arochlor 1248	20	83.75	0.1504	ND	0.49
Arochlor 1254	20	83.75	0.0940	ND	0.49
Arochlor 1260	20	83.75	0.0846	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 # :**	4162.28
	DPW. SELFM-PW-EV	**Date Rec'd:**	12/30/98
	Bldg. 173	**Extraction Date:**	12/31/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/25/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	43

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	86.05	0.0069	ND	NLE
beta-BHC	20	86.05	0.0069	ND	NLE
gamma-BHC	20	86.05	0.0093	ND	0.52
delta-BHC	20	86.05	0.0093	ND	NLE
Heptachlor	20	86.05	0.0069	ND	0.15
Aldrin	20	86.05	0.0093	ND	0.04
Heptachlor Epoxide	20	86.05	0.0139	ND	NLE
Endosulfan I	20	86.05	0.0116	ND	NLE
4,4'-DDE	20	86.05	0.0093	0.028	2
Dieldrin	20	86.05	0.0116	ND	0.042
Endrin	20	86.05	0.0116	ND	17
Endosulfan II	20	86.05	0.0093	ND	NLE
4,4'-DDD	20	86.05	0.0139	0.040	3
Endrin Aldehyde	20	86.05	0.0116	ND	NLE
4,4'-DDT	20	86.05	0.0254	0.100	2
Endosulfan-Sulfate	20	86.05	0.0093	ND	NLE
gamma -Chlordane	20	86.05	0.0116	ND	NLE
alpha-Chlordane	20	86.05	0.0116	ND	NLE
Toxaphene	20	86.05	0.0069	ND	0.1
Arochlor 1016	20	86.05	0.2590	ND	0.49
Arochlor 1221	20	86.05	0.4764	ND	0.49
Arochlor 1232	20	86.05	0.3238	ND	0.49
Arochlor 1242	20	86.05	0.3700	ND	0.49
Arochlor 1248	20	86.05	0.1480	ND	0.49
Arochlor 1254	20	86.05	0.0925	ND	0.49
Arochlor 1260	20	86.05	0.0833	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 # :**	4162.30
	DPW. SELFM-PW-EV	**Date Rec'd:**	12/30/98
	Bldg. 173	**Extraction Date:**	12/31/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/25/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	44

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	85.25	0.0069	ND	NLE
beta-BHC	20	85.25	0.0069	ND	NLE
gamma-BHC	20	85.25	0.0092	ND	0.52
delta-BHC	20	85.25	0.0092	ND	NLE
Heptachlor	20	85.25	0.0069	ND	0.15
Aldrin	20	85.25	0.0092	ND	0.04
Heptachlor Epoxide	20	85.25	0.0138	ND	NLE
Endosulfan I	20	85.25	0.0115	ND	NLE
4,4'-DDE	20	85.25	0.0092	0.055	2
Dieldrin	20	85.25	0.0115	ND	0.042
Endrin	20	85.25	0.0115	ND	17
Endosulfan II	20	85.25	0.0092	ND	NLE
4,4'-DDD	20	85.25	0.0138	0.068	3
Endrin Aldehyde	20	85.25	0.0115	ND	NLE
4,4'-DDT	20	85.25	0.0254	0.123	2
Endosulfan-Sulfate	20	85.25	0.0092	ND	NLE
gamma -Chlordane	20	85.25	0.0115	ND	NLE
alpha-Chlordane	20	85.25	0.0115	ND	NLE
Toxaphene	20	85.25	0.0069	ND	0.1
Arochlor 1016	20	85.25	0.2581	ND	0.49
Arochlor 1221	20	85.25	0.4747	ND	0.49
Arochlor 1232	20	85.25	0.3226	ND	0.49
Arochlor 1242	20	85.25	0.3687	ND	0.49
Arochlor 1248	20	85.25	0.1475	ND	0.49
Arochlor 1254	20	85.25	0.0922	ND	0.49
Arochlor 1260	20	85.25	0.0830	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 # :**	4164.02
	DPW. SELFM-PW-EV	**Date Rec'd:**	12/31/98
	Bldg. 173	**Extraction Date:**	1/6/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/26/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	45

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	85.59	0.0076	ND	NLE
beta-BHC	20	85.59	0.0076	ND	NLE
gamma-BHC	20	85.59	0.0101	ND	0.52
delta-BHC	20	85.59	0.0101	ND	NLE
Heptachlor	20	85.59	0.0076	ND	0.15
Aldrin	20	85.59	0.0101	ND	0.04
Heptachlor Epoxide	20	85.59	0.0152	ND	NLE
Endosulfan I	20	85.59	0.0126	ND	NLE
4,4'-DDE	20	85.59	0.0101	0.037	2
Dieldrin	20	85.59	0.0126	ND	0.042
Endrin	20	85.59	0.0126	ND	17
Endosulfan II	20	85.59	0.0101	ND	NLE
4,4'-DDD	20	85.59	0.0152	0.038	3
Endrin Aldehyde	20	85.59	0.0126	ND	NLE
4,4'-DDT	20	85.59	0.0278	0.134	2
Endosulfan-Sulfate	20	85.59	0.0101	ND	NLE
gamma -Chlordane	20	85.59	0.0126	ND	NLE
alpha-Chlordane	20	85.59	0.0126	ND	NLE
Toxaphene	20	85.59	0.0076	ND	0.1
Arochlor 1016	20	85.59	0.2832	ND	0.49
Arochlor 1221	20	85.59	0.5210	ND	0.49
Arochlor 1232	20	85.59	0.3540	ND	0.49
Arochlor 1242	20	85.59	0.4046	ND	0.49
Arochlor 1248	20	85.59	0.1619	ND	0.49
Arochlor 1254	20	85.59	0.1012	ND	0.49
Arochlor 1260	20	85.59	0.0910	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 # :**	4164.04
	DPW. SELFM-PW-EV	**Date Rec'd:**	12/31/98
	Bldg. 173	**Extraction Date:**	1/6/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/26/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	46

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	84.83	0.0065	ND	NLE
beta-BHC	20	84.83	0.0065	ND	NLE
gamma-BHC	20	84.83	0.0086	ND	0.52
delta-BHC	20	84.83	0.0086	ND	NLE
Heptachlor	20	84.83	0.0065	ND	0.15
Aldrin	20	84.83	0.0086	ND	0.04
Heptachlor Epoxide	20	84.83	0.0130	ND	NLE
Endosulfan I	20	84.83	0.0108	ND	NLE
4,4'-DDE	20	84.83	0.0086	0.030	2
Dieldrin	20	84.83	0.0108	ND	0.042
Endrin	20	84.83	0.0108	ND	17
Endosulfan II	20	84.83	0.0086	ND	NLE
4,4'-DDD	20	84.83	0.0130	0.056	3
Endrin Aldehyde	20	84.83	0.0108	ND	NLE
4,4'-DDT	20	84.83	0.0238	0.175	2
Endosulfan-Sulfate	20	84.83	0.0086	ND	NLE
gamma -Chlordane	20	84.83	0.0108	ND	NLE
alpha-Chlordane	20	84.83	0.0108	ND	NLE
Toxaphene	20	84.83	0.0065	ND	0.1
Arochlor 1016	20	84.83	0.2420	ND	0.49
Arochlor 1221	20	84.83	0.4452	ND	0.49
Arochlor 1232	20	84.83	0.3025	ND	0.49
Arochlor 1242	20	84.83	0.3458	ND	0.49
Arochlor 1248	20	84.83	0.1383	ND	0.49
Arochlor 1254	20	84.83	0.0864	ND	0.49
Arochlor 1260	20	84.83	0.0778	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 # :**	4164.06
	DPW. SELFM-PW-EV	**Date Rec'd:**	12/31/98
	Bldg. 173	**Extraction Date:**	1/6/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/26/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	47

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	85.16	0.0069	ND	NLE
beta-BHC	20	85.16	0.0069	ND	NLE
gamma-BHC	20	85.16	0.0092	ND	0.52
delta-BHC	20	85.16	0.0092	ND	NLE
Heptachlor	20	85.16	0.0069	ND	0.15
Aldrin	20	85.16	0.0092	ND	0.04
Heptachlor Epoxide	20	85.16	0.0138	ND	NLE
Endosulfan I	20	85.16	0.0115	ND	NLE
4,4'-DDE	20	85.16	0.0092	0.036	2
Dieldrin	20	85.16	0.0115	ND	0.042
Endrin	20	85.16	0.0115	ND	17
Endosulfan II	20	85.16	0.0092	ND	NLE
4,4'-DDD	20	85.16	0.0138	0.039	3
Endrin Aldehyde	20	85.16	0.0115	ND	NLE
4,4'-DDT	20	85.16	0.0254	0.077	2
Endosulfan-Sulfate	20	85.16	0.0092	ND	NLE
gamma -Chlordane	20	85.16	0.0115	ND	NLE
alpha-Chlordane	20	85.16	0.0115	ND	NLE
Toxaphene	20	85.16	0.0069	ND	0.1
Arochlor 1016	20	85.16	0.2584	ND	0.49
Arochlor 1221	20	85.16	0.4752	ND	0.49
Arochlor 1232	20	85.16	0.3230	ND	0.49
Arochlor 1242	20	85.16	0.3691	ND	0.49
Arochlor 1248	20	85.16	0.1476	ND	0.49
Arochlor 1254	20	85.16	0.0923	ND	0.49
Arochlor 1260	20	85.16	0.0831	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 # :**	4164.08
	DPW. SELFM-PW-EV	**Date Rec'd:**	12/31/98
	Bldg. 173	**Extraction Date:**	1/6/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/26/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	48

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	85.71	0.0070	ND	NLE
beta-BHC	20	85.71	0.0070	ND	NLE
gamma-BHC	20	85.71	0.0093	ND	0.52
delta-BHC	20	85.71	0.0093	ND	NLE
Heptachlor	20	85.71	0.0070	ND	0.15
Aldrin	20	85.71	0.0093	ND	0.04
Heptachlor Epoxide	20	85.71	0.0139	ND	NLE
Endosulfan I	20	85.71	0.0116	ND	NLE
4,4'-DDE	20	85.71	0.0093	0.034	2
Dieldrin	20	85.71	0.0116	ND	0.042
Endrin	20	85.71	0.0116	ND	17
Endosulfan II	20	85.71	0.0093	ND	NLE
4,4'-DDD	20	85.71	0.0139	0.165	3
Endrin Aldehyde	20	85.71	0.0116	ND	NLE
4,4'-DDT	20	85.71	0.0256	0.044	2
Endosulfan-Sulfate	20	85.71	0.0093	ND	NLE
gamma -Chlordane	20	85.71	0.0116	ND	NLE
alpha-Chlordane	20	85.71	0.0116	ND	NLE
Toxaphene	20	85.71	0.0070	ND	0.1
Arochlor 1016	20	85.71	0.2603	ND	0.49
Arochlor 1221	20	85.71	0.4788	ND	0.49
Arochlor 1232	20	85.71	0.3254	ND	0.49
Arochlor 1242	20	85.71	0.3719	ND	0.49
Arochlor 1248	20	85.71	0.1487	ND	0.49
Arochlor 1254	20	85.71	0.0930	ND	0.49
Arochlor 1260	20	85.71	0.0837	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 # :**	4164.10
	DPW. SELFM-PW-EV	**Date Rec'd:**	12/31/98
	Bldg. 173	**Extraction Date:**	1/6/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/26/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	49

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	84.60	0.0065	ND	NLE
beta-BHC	20	84.60	0.0065	ND	NLE
gamma-BHC	20	84.60	0.0087	ND	0.52
delta-BHC	20	84.60	0.0087	ND	NLE
Heptachlor	20	84.60	0.0065	ND	0.15
Aldrin	20	84.60	0.0087	ND	0.04
Heptachlor Epoxide	20	84.60	0.0130	ND	NLE
Endosulfan I	20	84.60	0.0108	ND	NLE
4,4'-DDE	20	84.60	0.0087	0.010	2
Dieldrin	20	84.60	0.0108	ND	0.042
Endrin	20	84.60	0.0108	ND	17
Endosulfan II	20	84.60	0.0087	ND	NLE
4,4'-DDD	20	84.60	0.0130	ND	3
Endrin Aldehyde	20	84.60	0.0108	ND	NLE
4,4'-DDT	20	84.60	0.0238	0.031	2
Endosulfan-Sulfate	20	84.60	0.0087	ND	NLE
gamma -Chlordane	20	84.60	0.0108	ND	NLE
alpha-Chlordane	20	84.60	0.0108	ND	NLE
Toxaphene	20	84.60	0.0065	ND	0.1
Arochlor 1016	20	84.60	0.2425	ND	0.49
Arochlor 1221	20	84.60	0.4460	ND	0.49
Arochlor 1232	20	84.60	0.3031	ND	0.49
Arochlor 1242	20	84.60	0.3464	ND	0.49
Arochlor 1248	20	84.60	0.1386	ND	0.49
Arochlor 1254	20	84.60	0.0866	ND	0.49
Arochlor 1260	20	84.60	0.0779	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 # :**	4164.12
	DPW. SELFM-PW-EV	**Date Rec'd:**	12/31/98
	Bldg. 173	**Extraction Date:**	1/6/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/26/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	50

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	86.67	0.0066	ND	NLE
beta-BHC	20	86.67	0.0066	ND	NLE
gamma-BHC	20	86.67	0.0088	ND	0.52
delta-BHC	20	86.67	0.0088	ND	NLE
Heptachlor	20	86.67	0.0066	ND	0.15
Aldrin	20	86.67	0.0088	ND	0.04
Heptachlor Epoxide	20	86.67	0.0132	ND	NLE
Endosulfan I	20	86.67	0.0110	ND	NLE
4,4'-DDE	20	86.67	0.0088	0.028	2
Dieldrin	20	86.67	0.0110	ND	0.042
Endrin	20	86.67	0.0110	ND	17
Endosulfan II	20	86.67	0.0088	ND	NLE
4,4'-DDD	20	86.67	0.0132	0.034	3
Endrin Aldehyde	20	86.67	0.0110	ND	NLE
4,4'-DDT	20	86.67	0.0242	0.042	2
Endosulfan-Sulfate	20	86.67	0.0088	ND	NLE
gamma -Chlordane	20	86.67	0.0110	ND	NLE
alpha-Chlordane	20	86.67	0.0110	ND	NLE
Toxaphene	20	86.67	0.0066	ND	0.1
Arochlor 1016	20	86.67	0.2461	ND	0.49
Arochlor 1221	20	86.67	0.4527	ND	0.49
Arochlor 1232	20	86.67	0.3077	ND	0.49
Arochlor 1242	20	86.67	0.3516	ND	0.49
Arochlor 1248	20	86.67	0.1407	ND	0.49
Arochlor 1254	20	86.67	0.0879	ND	0.49
Arochlor 1260	20	86.67	0.0791	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 # :**	4164.14
	DPW. SELFM-PW-EV	**Date Rec'd:**	12/31/98
	Bldg. 173	**Extraction Date:**	1/6/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/29/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	51

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	85.56	0.0067	ND	NLE
beta-BHC	20	85.56	0.0067	ND	NLE
gamma-BHC	20	85.56	0.0090	ND	0.52
delta-BHC	20	85.56	0.0090	ND	NLE
Heptachlor	20	85.56	0.0067	ND	0.15
Aldrin	20	85.56	0.0090	ND	0.04
Heptachlor Epoxide	20	85.56	0.0135	ND	NLE
Endosulfan I	20	85.56	0.0112	ND	NLE
4,4'-DDE	20	85.56	0.0090	ND	2
Dieldrin	20	85.56	0.0112	ND	0.042
Endrin	20	85.56	0.0112	ND	17
Endosulfan II	20	85.56	0.0090	ND	NLE
4,4'-DDD	20	85.56	0.0135	ND	3
Endrin Aldehyde	20	85.56	0.0112	ND	NLE
4,4'-DDT	20	85.56	0.0247	ND	2
Endosulfan-Sulfate	20	85.56	0.0090	ND	NLE
gamma -Chlordane	20	85.56	0.0112	ND	NLE
alpha-Chlordane	20	85.56	0.0112	ND	NLE
Toxaphene	20	85.56	0.0067	ND	0.1
Arochlor 1016	20	85.56	0.2517	ND	0.49
Arochlor 1221	20	85.56	0.4630	ND	0.49
Arochlor 1232	20	85.56	0.3147	ND	0.49
Arochlor 1242	20	85.56	0.3596	ND	0.49
Arochlor 1248	20	85.56	0.1438	ND	0.49
Arochlor 1254	20	85.56	0.0899	ND	0.49
Arochlor 1260	20	85.56	0.0809	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 # :**	4164.16
	DPW. SELFM-PW-EV	**Date Rec'd:**	12/31/98
	Bldg. 173	**Extraction Date:**	1/6/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/29/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	52

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	82.67	0.0066	ND	NLE
beta-BHC	20	82.67	0.0066	ND	NLE
gamma-BHC	20	82.67	0.0088	ND	0.52
delta-BHC	20	82.67	0.0088	ND	NLE
Heptachlor	20	82.67	0.0066	ND	0.15
Aldrin	20	82.67	0.0088	ND	0.04
Heptachlor Epoxide	20	82.67	0.0133	ND	NLE
Endosulfan I	20	82.67	0.0110	ND	NLE
4,4'-DDE	20	82.67	0.0088	ND	2
Dieldrin	20	82.67	0.0110	ND	0.042
Endrin	20	82.67	0.0110	ND	17
Endosulfan II	20	82.67	0.0088	ND	NLE
4,4'-DDD	20	82.67	0.0133	ND	3
Endrin Aldehyde	20	82.67	0.0110	ND	NLE
4,4'-DDT	20	82.67	0.0243	ND	2
Endosulfan-Sulfate	20	82.67	0.0088	ND	NLE
gamma -Chlordane	20	82.67	0.0110	ND	NLE
alpha-Chlordane	20	82.67	0.0110	ND	NLE
Toxaphene	20	82.67	0.0066	ND	0.1
Arochlor 1016	20	82.67	0.2474	ND	0.49
Arochlor 1221	20	82.67	0.4551	ND	0.49
Arochlor 1232	20	82.67	0.3093	ND	0.49
Arochlor 1242	20	82.67	0.3535	ND	0.49
Arochlor 1248	20	82.67	0.1414	ND	0.49
Arochlor 1254	20	82.67	0.0884	ND	0.49
Arochlor 1260	20	82.67	0.0795	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 # :**	4164.18
	DPW. SELFM-PW-EV	**Date Rec'd:**	12/31/98
	Bldg. 173	**Extraction Date:**	1/6/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/29/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	53

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	84.81	0.0066	ND	NLE
beta-BHC	20	84.81	0.0066	ND	NLE
gamma-BHC	20	84.81	0.0088	ND	0.52
delta-BHC	20	84.81	0.0088	ND	NLE
Heptachlor	20	84.81	0.0066	ND	0.15
Aldrin	20	84.81	0.0088	ND	0.04
Heptachlor Epoxide	20	84.81	0.0131	ND	NLE
Endosulfan I	20	84.81	0.0109	ND	NLE
4,4'-DDE	20	84.81	0.0088	0.038	2
Dieldrin	20	84.81	0.0109	ND	0.042
Endrin	20	84.81	0.0109	ND	17
Endosulfan II	20	84.81	0.0088	ND	NLE
4,4'-DDD	20	84.81	0.0131	ND	3
Endrin Aldehyde	20	84.81	0.0109	ND	NLE
4,4'-DDT	20	84.81	0.0241	0.046	2
Endosulfan-Sulfate	20	84.81	0.0088	ND	NLE
gamma -Chlordane	20	84.81	0.0109	ND	NLE
alpha-Chlordane	20	84.81	0.0109	ND	NLE
Toxaphene	20	84.81	0.0066	ND	0.1
Arochlor 1016	20	84.81	0.2452	ND	0.49
Arochlor 1221	20	84.81	0.4511	ND	0.49
Arochlor 1232	20	84.81	0.3065	ND	0.49
Arochlor 1242	20	84.81	0.3503	ND	0.49
Arochlor 1248	20	84.81	0.1401	ND	0.49
Arochlor 1254	20	84.81	0.0876	ND	0.49
Arochlor 1260	20	84.81	0.0788	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 # :**	4169.02
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/5/99
	Bldg. 173	**Extraction Date:**	1/6/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/29/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	54

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	88.00	0.0068	ND	NLE
beta-BHC	20	88.00	0.0068	ND	NLE
gamma-BHC	20	88.00	0.0091	ND	0.52
delta-BHC	20	88.00	0.0091	ND	NLE
Heptachlor	20	88.00	0.0068	ND	0.15
Aldrin	20	88.00	0.0091	ND	0.04
Heptachlor Epoxide	20	88.00	0.0136	ND	NLE
Endosulfan I	20	88.00	0.0114	ND	NLE
4,4'-DDE	20	88.00	0.0091	0.023	2
Dieldrin	20	88.00	0.0114	ND	0.042
Endrin	20	88.00	0.0114	ND	17
Endosulfan II	20	88.00	0.0091	ND	NLE
4,4'-DDD	20	88.00	0.0136	0.020	3
Endrin Aldehyde	20	88.00	0.0114	ND	NLE
4,4'-DDT	20	88.00	0.0250	ND	2
Endosulfan-Sulfate	20	88.00	0.0091	ND	NLE
gamma -Chlordane	20	88.00	0.0114	ND	NLE
alpha-Chlordane	20	88.00	0.0114	ND	NLE
Toxaphene	20	88.00	0.0068	ND	0.1
Arochlor 1016	20	88.00	0.2545	ND	0.49
Arochlor 1221	20	88.00	0.4682	ND	0.49
Arochlor 1232	20	88.00	0.3182	ND	0.49
Arochlor 1242	20	88.00	0.3636	ND	0.49
Arochlor 1248	20	88.00	0.1455	ND	0.49
Arochlor 1254	20	88.00	0.0909	ND	0.49
Arochlor 1260	20	88.00	0.0818	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 # :**	4169.04
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/5/99
	Bldg. 173	**Extraction Date:**	1/6/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/29/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	55

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	82.66	0.0069	ND	NLE
beta-BHC	20	82.66	0.0069	ND	NLE
gamma-BHC	20	82.66	0.0092	ND	0.52
delta-BHC	20	82.66	0.0092	ND	NLE
Heptachlor	20	82.66	0.0069	ND	0.15
Aldrin	20	82.66	0.0092	ND	0.04
Heptachlor Epoxide	20	82.66	0.0138	ND	NLE
Endosulfan I	20	82.66	0.0115	ND	NLE
4,4'-DDE	20	82.66	0.0092	ND	2
Dieldrin	20	82.66	0.0115	ND	0.042
Endrin	20	82.66	0.0115	ND	17
Endosulfan II	20	82.66	0.0092	ND	NLE
4,4'-DDD	20	82.66	0.0138	ND	3
Endrin Aldehyde	20	82.66	0.0115	ND	NLE
4,4'-DDT	20	82.66	0.0253	ND	2
Endosulfan-Sulfate	20	82.66	0.0092	ND	NLE
gamma -Chlordane	20	82.66	0.0115	ND	NLE
alpha-Chlordane	20	82.66	0.0115	ND	NLE
Toxaphene	20	82.66	0.0069	ND	0.1
Arochlor 1016	20	82.66	0.2574	ND	0.49
Arochlor 1221	20	82.66	0.4733	ND	0.49
Arochlor 1232	20	82.66	0.3217	ND	0.49
Arochlor 1242	20	82.66	0.3676	ND	0.49
Arochlor 1248	20	82.66	0.1471	ND	0.49
Arochlor 1254	20	82.66	0.0919	ND	0.49
Arochlor 1260	20	82.66	0.0827	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 # :**	4169.06
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/5/99
	Bldg. 173	**Extraction Date:**	1/6/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/29/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	56

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	83.86	0.0071	ND	NLE
beta-BHC	20	83.86	0.0071	ND	NLE
gamma-BHC	20	83.86	0.0094	ND	0.52
delta-BHC	20	83.86	0.0094	ND	NLE
Heptachlor	20	83.86	0.0071	ND	0.15
Aldrin	20	83.86	0.0094	ND	0.04
Heptachlor Epoxide	20	83.86	0.0142	ND	NLE
Endosulfan I	20	83.86	0.0118	ND	NLE
4,4'-DDE	20	83.86	0.0094	ND	2
Dieldrin	20	83.86	0.0118	ND	0.042
Endrin	20	83.86	0.0118	ND	17
Endosulfan II	20	83.86	0.0094	ND	NLE
4,4'-DDD	20	83.86	0.0142	ND	3
Endrin Aldehyde	20	83.86	0.0118	ND	NLE
4,4'-DDT	20	83.86	0.0259	ND	2
Endosulfan-Sulfate	20	83.86	0.0094	ND	NLE
gamma -Chlordane	20	83.86	0.0118	ND	NLE
alpha-Chlordane	20	83.86	0.0118	ND	NLE
Toxaphene	20	83.86	0.0071	ND	0.1
Arochlor 1016	20	83.86	0.2642	ND	0.49
Arochlor 1221	20	83.86	0.4859	ND	0.49
Arochlor 1232	20	83.86	0.3303	ND	0.49
Arochlor 1242	20	83.86	0.3774	ND	0.49
Arochlor 1248	20	83.86	0.1510	ND	0.49
Arochlor 1254	20	83.86	0.0944	ND	0.49
Arochlor 1260	20	83.86	0.0849	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 # :**	4169.08
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/5/99
	Bldg. 173	**Extraction Date:**	1/6/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/29/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	57

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	83.66	0.0068	ND	NLE
beta-BHC	20	83.66	0.0068	ND	NLE
gamma-BHC	20	83.66	0.0091	ND	0.52
delta-BHC	20	83.66	0.0091	ND	NLE
Heptachlor	20	83.66	0.0068	ND	0.15
Aldrin	20	83.66	0.0091	ND	0.04
Heptachlor Epoxide	20	83.66	0.0137	ND	NLE
Endosulfan I	20	83.66	0.0114	ND	NLE
4,4'-DDE	20	83.66	0.0091	0.075	2
Dieldrin	20	83.66	0.0114	ND	0.042
Endrin	20	83.66	0.0114	ND	17
Endosulfan II	20	83.66	0.0091	ND	NLE
4,4'-DDD	20	83.66	0.0137	0.030	3
Endrin Aldehyde	20	83.66	0.0114	ND	NLE
4,4'-DDT	20	83.66	0.0251	0.155	2
Endosulfan-Sulfate	20	83.66	0.0091	ND	NLE
gamma -Chlordane	20	83.66	0.0114	ND	NLE
alpha-Chlordane	20	83.66	0.0114	ND	NLE
Toxaphene	20	83.66	0.0068	ND	0.1
Arochlor 1016	20	83.66	0.2552	ND	0.49
Arochlor 1221	20	83.66	0.4695	ND	0.49
Arochlor 1232	20	83.66	0.3191	ND	0.49
Arochlor 1242	20	83.66	0.3646	ND	0.49
Arochlor 1248	20	83.66	0.1459	ND	0.49
Arochlor 1254	20	83.66	0.0912	ND	0.49
Arochlor 1260	20	83.66	0.0820	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 # :**	4169.10
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/5/99
	Bldg. 173	**Extraction Date:**	1/6/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/29/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	58

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	85.03	0.0068	ND	NLE
beta-BHC	20	85.03	0.0068	ND	NLE
gamma-BHC	20	85.03	0.0091	ND	0.52
delta-BHC	20	85.03	0.0091	ND	NLE
Heptachlor	20	85.03	0.0068	ND	0.15
Aldrin	20	85.03	0.0091	ND	0.04
Heptachlor Epoxide	20	85.03	0.0137	ND	NLE
Endosulfan I	20	85.03	0.0114	ND	NLE
4,4'-DDE	20	85.03	0.0091	0.017	2
Dieldrin	20	85.03	0.0114	ND	0.042
Endrin	20	85.03	0.0114	ND	17
Endosulfan II	20	85.03	0.0091	ND	NLE
4,4'-DDD	20	85.03	0.0137	0.025	3
Endrin Aldehyde	20	85.03	0.0114	ND	NLE
4,4'-DDT	20	85.03	0.0251	ND	2
Endosulfan-Sulfate	20	85.03	0.0091	ND	NLE
gamma -Chlordane	20	85.03	0.0114	ND	NLE
alpha-Chlordane	20	85.03	0.0114	ND	NLE
Toxaphene	20	85.03	0.0068	ND	0.1
Arochlor 1016	20	85.03	0.2553	ND	0.49
Arochlor 1221	20	85.03	0.4695	ND	0.49
Arochlor 1232	20	85.03	0.3191	ND	0.49
Arochlor 1242	20	85.03	0.3647	ND	0.49
Arochlor 1248	20	85.03	0.1459	ND	0.49
Arochlor 1254	20	85.03	0.0912	ND	0.49
Arochlor 1260	20	85.03	0.0821	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 # :**	4169.12
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/5/99
	Bldg. 173	**Extraction Date:**	1/6/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/29/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	59

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	85.74	0.0070	ND	NLE
beta-BHC	20	85.74	0.0070	ND	NLE
gamma-BHC	20	85.74	0.0093	ND	0.52
delta-BHC	20	85.74	0.0093	ND	NLE
Heptachlor	20	85.74	0.0070	ND	0.15
Aldrin	20	85.74	0.0093	ND	0.04
Heptachlor Epoxide	20	85.74	0.0140	ND	NLE
Endosulfan I	20	85.74	0.0117	ND	NLE
4,4'-DDE	20	85.74	0.0093	ND	2
Dieldrin	20	85.74	0.0117	ND	0.042
Endrin	20	85.74	0.0117	ND	17
Endosulfan II	20	85.74	0.0093	ND	NLE
4,4'-DDD	20	85.74	0.0140	ND	3
Endrin Aldehyde	20	85.74	0.0117	ND	NLE
4,4'-DDT	20	85.74	0.0257	ND	2
Endosulfan-Sulfate	20	85.74	0.0093	ND	NLE
gamma -Chlordane	20	85.74	0.0117	ND	NLE
alpha-Chlordane	20	85.74	0.0117	ND	NLE
Toxaphene	20	85.74	0.0070	ND	0.1
Arochlor 1016	20	85.74	0.2618	ND	0.49
Arochlor 1221	20	85.74	0.4815	ND	0.49
Arochlor 1232	20	85.74	0.3272	ND	0.49
Arochlor 1242	20	85.74	0.3740	ND	0.49
Arochlor 1248	20	85.74	0.1496	ND	0.49
Arochlor 1254	20	85.74	0.0935	ND	0.49
Arochlor 1260	20	85.74	0.0841	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 # :**	4169.14
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/5/99
	Bldg. 173	**Extraction Date:**	1/6/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/29/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	60

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	84.11	0.0073	ND	NLE
beta-BHC	20	84.11	0.0073	ND	NLE
gamma-BHC	20	84.11	0.0098	ND	0.52
delta-BHC	20	84.11	0.0098	ND	NLE
Heptachlor	20	84.11	0.0073	ND	0.15
Aldrin	20	84.11	0.0098	ND	0.04
Heptachlor Epoxide	20	84.11	0.0146	ND	NLE
Endosulfan I	20	84.11	0.0122	ND	NLE
4,4'-DDE	20	84.11	0.0098	ND	2
Dieldrin	20	84.11	0.0122	ND	0.042
Endrin	20	84.11	0.0122	ND	17
Endosulfan II	20	84.11	0.0098	ND	NLE
4,4'-DDD	20	84.11	0.0146	ND	3
Endrin Aldehyde	20	84.11	0.0122	ND	NLE
4,4'-DDT	20	84.11	0.0268	ND	2
Endosulfan-Sulfate	20	84.11	0.0098	ND	NLE
gamma -Chlordane	20	84.11	0.0122	ND	NLE
alpha-Chlordane	20	84.11	0.0122	ND	NLE
Toxaphene	20	84.11	0.0073	ND	0.1
Arochlor 1016	20	84.11	0.2731	ND	0.49
Arochlor 1221	20	84.11	0.5024	ND	0.49
Arochlor 1232	20	84.11	0.3414	ND	0.49
Arochlor 1242	20	84.11	0.3902	ND	0.49
Arochlor 1248	20	84.11	0.1561	ND	0.49
Arochlor 1254	20	84.11	0.0976	ND	0.49
Arochlor 1260	20	84.11	0.0878	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 # :**	4169.16
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/5/99
	Bldg. 173	**Extraction Date:**	1/6/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/29/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	61

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	81.63	0.0068	ND	NLE
beta-BHC	20	81.63	0.0068	ND	NLE
gamma-BHC	20	81.63	0.0090	ND	0.52
delta-BHC	20	81.63	0.0090	ND	NLE
Heptachlor	20	81.63	0.0068	ND	0.15
Aldrin	20	81.63	0.0090	ND	0.04
Heptachlor Epoxide	20	81.63	0.0135	ND	NLE
Endosulfan I	20	81.63	0.0113	ND	NLE
4,4'-DDE	20	81.63	0.0090	0.015	2
Dieldrin	20	81.63	0.0113	ND	0.042
Endrin	20	81.63	0.0113	ND	17
Endosulfan II	20	81.63	0.0090	ND	NLE
4,4'-DDD	20	81.63	0.0135	ND	3
Endrin Aldehyde	20	81.63	0.0113	ND	NLE
4,4'-DDT	20	81.63	0.0248	0.040	2
Endosulfan-Sulfate	20	81.63	0.0090	ND	NLE
gamma -Chlordane	20	81.63	0.0113	ND	NLE
alpha-Chlordane	20	81.63	0.0113	ND	NLE
Toxaphene	20	81.63	0.0068	ND	0.1
Arochlor 1016	20	81.63	0.2529	ND	0.49
Arochlor 1221	20	81.63	0.4652	ND	0.49
Arochlor 1232	20	81.63	0.3161	ND	0.49
Arochlor 1242	20	81.63	0.3613	ND	0.49
Arochlor 1248	20	81.63	0.1445	ND	0.49
Arochlor 1254	20	81.63	0.0903	ND	0.49
Arochlor 1260	20	81.63	0.0813	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 # :**	4169.18
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/5/99
	Bldg. 173	**Extraction Date:**	1/6/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/29/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	62

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	86.34	0.0066	ND	NLE
beta-BHC	20	86.34	0.0066	ND	NLE
gamma-BHC	20	86.34	0.0088	ND	0.52
delta-BHC	20	86.34	0.0088	ND	NLE
Heptachlor	20	86.34	0.0066	ND	0.15
Aldrin	20	86.34	0.0088	ND	0.04
Heptachlor Epoxide	20	86.34	0.0132	ND	NLE
Endosulfan I	20	86.34	0.0110	ND	NLE
4,4'-DDE	20	86.34	0.0088	0.013	2
Dieldrin	20	86.34	0.0110	ND	0.042
Endrin	20	86.34	0.0110	ND	17
Endosulfan II	20	86.34	0.0088	ND	NLE
4,4'-DDD	20	86.34	0.0132	0.018	3
Endrin Aldehyde	20	86.34	0.0110	ND	NLE
4,4'-DDT	20	86.34	0.0241	ND	2
Endosulfan-Sulfate	20	86.34	0.0088	ND	NLE
gamma -Chlordane	20	86.34	0.0110	ND	NLE
alpha-Chlordane	20	86.34	0.0110	ND	NLE
Toxaphene	20	86.34	0.0066	ND	0.1
Arochlor 1016	20	86.34	0.2457	ND	0.49
Arochlor 1221	20	86.34	0.4519	ND	0.49
Arochlor 1232	20	86.34	0.3071	ND	0.49
Arochlor 1242	20	86.34	0.3510	ND	0.49
Arochlor 1248	20	86.34	0.1404	ND	0.49
Arochlor 1254	20	86.34	0.0877	ND	0.49
Arochlor 1260	20	86.34	0.0790	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 # :**	4169.20
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/5/99
	Bldg. 173	**Extraction Date:**	1/6/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/29/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	63

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	83.10	0.0072	ND	NLE
beta-BHC	20	83.10	0.0072	ND	NLE
gamma-BHC	20	83.10	0.0096	ND	0.52
delta-BHC	20	83.10	0.0096	ND	NLE
Heptachlor	20	83.10	0.0072	ND	0.15
Aldrin	20	83.10	0.0096	ND	0.04
Heptachlor Epoxide	20	83.10	0.0143	ND	NLE
Endosulfan I	20	83.10	0.0120	ND	NLE
4,4'-DDE	20	83.10	0.0096	ND	2
Dieldrin	20	83.10	0.0120	ND	0.042
Endrin	20	83.10	0.0120	ND	17
Endosulfan II	20	83.10	0.0096	ND	NLE
4,4'-DDD	20	83.10	0.0143	ND	3
Endrin Aldehyde	20	83.10	0.0120	ND	NLE
4,4'-DDT	20	83.10	0.0263	ND	2
Endosulfan-Sulfate	20	83.10	0.0096	ND	NLE
gamma -Chlordane	20	83.10	0.0120	ND	NLE
alpha-Chlordane	20	83.10	0.0120	ND	NLE
Toxaphene	20	83.10	0.0072	ND	0.1
Arochlor 1016	20	83.10	0.2677	ND	0.49
Arochlor 1221	20	83.10	0.4923	ND	0.49
Arochlor 1232	20	83.10	0.3346	ND	0.49
Arochlor 1242	20	83.10	0.3824	ND	0.49
Arochlor 1248	20	83.10	0.1530	ND	0.49
Arochlor 1254	20	83.10	0.0956	ND	0.49
Arochlor 1260	20	83.10	0.0860	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 # :**	4169.22
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/5/99
	Bldg. 173	**Extraction Date:**	1/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/29/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	64

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	79.95	0.0075	ND	NLE
beta-BHC	20	79.95	0.0075	ND	NLE
gamma-BHC	20	79.95	0.0100	ND	0.52
delta-BHC	20	79.95	0.0100	ND	NLE
Heptachlor	20	79.95	0.0075	ND	0.15
Aldrin	20	79.95	0.0100	ND	0.04
Heptachlor Epoxide	20	79.95	0.0150	ND	NLE
Endosulfan I	20	79.95	0.0125	ND	NLE
4,4'-DDE	20	79.95	0.0100	ND	2
Dieldrin	20	79.95	0.0125	ND	0.042
Endrin	20	79.95	0.0125	ND	17
Endosulfan II	20	79.95	0.0100	ND	NLE
4,4'-DDD	20	79.95	0.0150	ND	3
Endrin Aldehyde	20	79.95	0.0125	ND	NLE
4,4'-DDT	20	79.95	0.0275	ND	2
Endosulfan-Sulfate	20	79.95	0.0100	ND	NLE
gamma -Chlordane	20	79.95	0.0125	ND	NLE
alpha-Chlordane	20	79.95	0.0125	ND	NLE
Toxaphene	20	79.95	0.0075	ND	0.1
Arochlor 1016	20	79.95	0.2796	ND	0.49
Arochlor 1221	20	79.95	0.5143	ND	0.49
Arochlor 1232	20	79.95	0.3495	ND	0.49
Arochlor 1242	20	79.95	0.3995	ND	0.49
Arochlor 1248	20	79.95	0.1598	ND	0.49
Arochlor 1254	20	79.95	0.0999	ND	0.49
Arochlor 1260	20	79.95	0.0899	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 # :**	4169.24
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/5/99
	Bldg. 173	**Extraction Date:**	1/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/30/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	65

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	86.01	0.0069	ND	NLE
beta-BHC	20	86.01	0.0069	ND	NLE
gamma-BHC	20	86.01	0.0091	ND	0.52
delta-BHC	20	86.01	0.0091	ND	NLE
Heptachlor	20	86.01	0.0069	ND	0.15
Aldrin	20	86.01	0.0091	ND	0.04
Heptachlor Epoxide	20	86.01	0.0137	ND	NLE
Endosulfan I	20	86.01	0.0114	ND	NLE
4,4'-DDE	20	86.01	0.0091	ND	2
Dieldrin	20	86.01	0.0114	ND	0.042
Endrin	20	86.01	0.0114	ND	17
Endosulfan II	20	86.01	0.0091	ND	NLE
4,4'-DDD	20	86.01	0.0137	ND	3
Endrin Aldehyde	20	86.01	0.0114	ND	NLE
4,4'-DDT	20	86.01	0.0251	ND	2
Endosulfan-Sulfate	20	86.01	0.0091	ND	NLE
gamma -Chlordane	20	86.01	0.0114	ND	NLE
alpha-Chlordane	20	86.01	0.0114	ND	NLE
Toxaphene	20	86.01	0.0069	ND	0.1
Arochlor 1016	20	86.01	0.2558	ND	0.49
Arochlor 1221	20	86.01	0.4705	ND	0.49
Arochlor 1232	20	86.01	0.3198	ND	0.49
Arochlor 1242	20	86.01	0.3655	ND	0.49
Arochlor 1248	20	86.01	0.1462	ND	0.49
Arochlor 1254	20	86.01	0.0914	ND	0.49
Arochlor 1260	20	86.01	0.0822	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 # :**	4169.26
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/5/99
	Bldg. 173	**Extraction Date:**	1/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/30/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	66

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	83.47	0.0071	ND	NLE
beta-BHC	20	83.47	0.0071	ND	NLE
gamma-BHC	20	83.47	0.0095	ND	0.52
delta-BHC	20	83.47	0.0095	ND	NLE
Heptachlor	20	83.47	0.0071	ND	0.15
Aldrin	20	83.47	0.0095	ND	0.04
Heptachlor Epoxide	20	83.47	0.0143	ND	NLE
Endosulfan I	20	83.47	0.0119	ND	NLE
4,4'-DDE	20	83.47	0.0095	0.693	2
Dieldrin	20	83.47	0.0119	ND	0.042
Endrin	20	83.47	0.0119	ND	17
Endosulfan II	20	83.47	0.0095	ND	NLE
4,4'-DDD	20	83.47	0.0143	0.282	3
Endrin Aldehyde	20	83.47	0.0119	ND	NLE
4,4'-DDT	20	83.47	0.0261	2.590	2
Endosulfan-Sulfate	20	83.47	0.0095	ND	NLE
gamma -Chlordane	20	83.47	0.0119	ND	NLE
alpha-Chlordane	20	83.47	0.0119	ND	NLE
Toxaphene	20	83.47	0.0071	ND	0.1
Arochlor 1016	20	83.47	0.2662	ND	0.49
Arochlor 1221	20	83.47	0.4897	ND	0.49
Arochlor 1232	20	83.47	0.3328	ND	0.49
Arochlor 1242	20	83.47	0.3803	ND	0.49
Arochlor 1248	20	83.47	0.1521	ND	0.49
Arochlor 1254	20	83.47	0.0951	ND	0.49
Arochlor 1260	20	83.47	0.0856	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 # :**	4169.28
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/5/99
	Bldg. 173	**Extraction Date:**	1/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/30/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	67

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	82.73	0.0072	ND	NLE
beta-BHC	20	82.73	0.0072	ND	NLE
gamma-BHC	20	82.73	0.0096	ND	0.52
delta-BHC	20	82.73	0.0096	ND	NLE
Heptachlor	20	82.73	0.0072	ND	0.15
Aldrin	20	82.73	0.0096	ND	0.04
Heptachlor Epoxide	20	82.73	0.0144	ND	NLE
Endosulfan I	20	82.73	0.0120	ND	NLE
4,4'-DDE	20	82.73	0.0096	0.015	2
Dieldrin	20	82.73	0.0120	ND	0.042
Endrin	20	82.73	0.0120	ND	17
Endosulfan II	20	82.73	0.0096	ND	NLE
4,4'-DDD	20	82.73	0.0144	0.033	3
Endrin Aldehyde	20	82.73	0.0120	ND	NLE
4,4'-DDT	20	82.73	0.0264	ND	2
Endosulfan-Sulfate	20	82.73	0.0096	ND	NLE
gamma -Chlordane	20	82.73	0.0120	ND	NLE
alpha-Chlordane	20	82.73	0.0120	ND	NLE
Toxaphene	20	82.73	0.0072	ND	0.1
Arochlor 1016	20	82.73	0.2689	ND	0.49
Arochlor 1221	20	82.73	0.4945	ND	0.49
Arochlor 1232	20	82.73	0.3361	ND	0.49
Arochlor 1242	20	82.73	0.3841	ND	0.49
Arochlor 1248	20	82.73	0.1536	ND	0.49
Arochlor 1254	20	82.73	0.0960	ND	0.49
Arochlor 1260	20	82.73	0.0864	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 # :**	4169.30
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/5/99
	Bldg. 173	**Extraction Date:**	1/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/30/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	68

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	81.52	0.0073	ND	NLE
beta-BHC	20	81.52	0.0073	ND	NLE
gamma-BHC	20	81.52	0.0097	ND	0.52
delta-BHC	20	81.52	0.0097	ND	NLE
Heptachlor	20	81.52	0.0073	ND	0.15
Aldrin	20	81.52	0.0097	ND	0.04
Heptachlor Epoxide	20	81.52	0.0146	ND	NLE
Endosulfan I	20	81.52	0.0122	ND	NLE
4,4'-DDE	20	81.52	0.0097	ND	2
Dieldrin	20	81.52	0.0122	ND	0.042
Endrin	20	81.52	0.0122	ND	17
Endosulfan II	20	81.52	0.0097	ND	NLE
4,4'-DDD	20	81.52	0.0146	ND	3
Endrin Aldehyde	20	81.52	0.0122	ND	NLE
4,4'-DDT	20	81.52	0.0268	ND	2
Endosulfan-Sulfate	20	81.52	0.0097	ND	NLE
gamma -Chlordane	20	81.52	0.0122	ND	NLE
alpha-Chlordane	20	81.52	0.0122	ND	NLE
Toxaphene	20	81.52	0.0073	ND	0.1
Arochlor 1016	20	81.52	0.2726	ND	0.49
Arochlor 1221	20	81.52	0.5014	ND	0.49
Arochlor 1232	20	81.52	0.3407	ND	0.49
Arochlor 1242	20	81.52	0.3894	ND	0.49
Arochlor 1248	20	81.52	0.1558	ND	0.49
Arochlor 1254	20	81.52	0.0974	ND	0.49
Arochlor 1260	20	81.52	0.0876	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 # :**	4169.32
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/5/99
	Bldg. 173	**Extraction Date:**	1/13/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/3/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	69

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	83.72	0.0071	ND	NLE
beta-BHC	20	83.72	0.0071	ND	NLE
gamma-BHC	20	83.72	0.0095	ND	0.52
delta-BHC	20	83.72	0.0095	ND	NLE
Heptachlor	20	83.72	0.0071	ND	0.15
Aldrin	20	83.72	0.0095	ND	0.04
Heptachlor Epoxide	20	83.72	0.0142	ND	NLE
Endosulfan I	20	83.72	0.0118	ND	NLE
4,4'-DDE	20	83.72	0.0095	0.019	2
Dieldrin	20	83.72	0.0118	ND	0.042
Endrin	20	83.72	0.0118	ND	17
Endosulfan II	20	83.72	0.0095	ND	NLE
4,4'-DDD	20	83.72	0.0142	0.028	3
Endrin Aldehyde	20	83.72	0.0118	ND	NLE
4,4'-DDT	20	83.72	0.0260	ND	2
Endosulfan-Sulfate	20	83.72	0.0095	ND	NLE
gamma -Chlordane	20	83.72	0.0118	ND	NLE
alpha-Chlordane	20	83.72	0.0118	ND	NLE
Toxaphene	20	83.72	0.0071	ND	0.1
Arochlor 1016	20	83.72	0.2649	ND	0.49
Arochlor 1221	20	83.72	0.4872	ND	0.49
Arochlor 1232	20	83.72	0.3311	ND	0.49
Arochlor 1242	20	83.72	0.3784	ND	0.49
Arochlor 1248	20	83.72	0.1514	ND	0.49
Arochlor 1254	20	83.72	0.0946	ND	0.49
Arochlor 1260	20	83.72	0.0851	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 # :**	4169.34
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/5/99
	Bldg. 173	**Extraction Date:**	1/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/30/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	70

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	80.09	0.0073	ND	NLE
beta-BHC	20	80.09	0.0073	ND	NLE
gamma-BHC	20	80.09	0.0097	ND	0.52
delta-BHC	20	80.09	0.0097	ND	NLE
Heptachlor	20	80.09	0.0073	ND	0.15
Aldrin	20	80.09	0.0097	ND	0.04
Heptachlor Epoxide	20	80.09	0.0146	ND	NLE
Endosulfan I	20	80.09	0.0121	ND	NLE
4,4'-DDE	20	80.09	0.0097	ND	2
Dieldrin	20	80.09	0.0121	ND	0.042
Endrin	20	80.09	0.0121	ND	17
Endosulfan II	20	80.09	0.0097	ND	NLE
4,4'-DDD	20	80.09	0.0146	ND	3
Endrin Aldehyde	20	80.09	0.0121	ND	NLE
4,4'-DDT	20	80.09	0.0267	ND	2
Endosulfan-Sulfate	20	80.09	0.0097	ND	NLE
gamma -Chlordane	20	80.09	0.0121	ND	NLE
alpha-Chlordane	20	80.09	0.0121	ND	NLE
Toxaphene	20	80.09	0.0073	ND	0.1
Arochlor 1016	20	80.09	0.2721	ND	0.49
Arochlor 1221	20	80.09	0.5004	ND	0.49
Arochlor 1232	20	80.09	0.3401	ND	0.49
Arochlor 1242	20	80.09	0.3887	ND	0.49
Arochlor 1248	20	80.09	0.1555	ND	0.49
Arochlor 1254	20	80.09	0.0972	ND	0.49
Arochlor 1260	20	80.09	0.0875	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 # :**	4169.36
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/5/99
	Bldg. 173	**Extraction Date:**	1/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/30/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	71

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	83.97	0.0071	ND	NLE
beta-BHC	20	83.97	0.0071	ND	NLE
gamma-BHC	20	83.97	0.0095	ND	0.52
delta-BHC	20	83.97	0.0095	ND	NLE
Heptachlor	20	83.97	0.0071	ND	0.15
Aldrin	20	83.97	0.0095	ND	0.04
Heptachlor Epoxide	20	83.97	0.0142	ND	NLE
Endosulfan I	20	83.97	0.0119	ND	NLE
4,4'-DDE	20	83.97	0.0095	0.131	2
Dieldrin	20	83.97	0.0119	ND	0.042
Endrin	20	83.97	0.0119	ND	17
Endosulfan II	20	83.97	0.0095	ND	NLE
4,4'-DDD	20	83.97	0.0142	0.101	3
Endrin Aldehyde	20	83.97	0.0119	ND	NLE
4,4'-DDT	20	83.97	0.0261	0.095	2
Endosulfan-Sulfate	20	83.97	0.0095	ND	NLE
gamma -Chlordane	20	83.97	0.0119	0.057	NLE
alpha-Chlordane	20	83.97	0.0119	0.040	NLE
Toxaphene	20	83.97	0.0071	ND	0.1
Arochlor 1016	20	83.97	0.2657	ND	0.49
Arochlor 1221	20	83.97	0.4887	ND	0.49
Arochlor 1232	20	83.97	0.3321	ND	0.49
Arochlor 1242	20	83.97	0.3796	ND	0.49
Arochlor 1248	20	83.97	0.1518	ND	0.49
Arochlor 1254	20	83.97	0.0949	ND	0.49
Arochlor 1260	20	83.97	0.0854	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 # :**	4173.02
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/6/99
	Bldg. 173	**Extraction Date:**	1/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/10/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	72

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	81.89	0.0004	ND	NLE
beta-BHC	1	81.89	0.0004	ND	NLE
gamma-BHC	1	81.89	0.0005	ND	0.52
delta-BHC	1	81.89	0.0005	ND	NLE
Heptachlor	1	81.89	0.0004	ND	0.15
Aldrin	1	81.89	0.0005	ND	0.04
Heptachlor Epoxide	1	81.89	0.0007	ND	NLE
Endosulfan I	1	81.89	0.0006	ND	NLE
4,4'-DDE	1	81.89	0.0005	0.018	2
Dieldrin	1	81.89	0.0006	ND	0.042
Endrin	1	81.89	0.0006	ND	17
Endosulfan II	1	81.89	0.0005	ND	NLE
4,4'-DDD	1	81.89	0.0007	0.017	3
Endrin Aldehyde	1	81.89	0.0006	ND	NLE
4,4'-DDT	1	81.89	0.0013	0.025	2
Endosulfan-Sulfate	1	81.89	0.0005	ND	NLE
gamma -Chlordane	1	81.89	0.0006	ND	NLE
alpha-Chlordane	1	81.89	0.0006	ND	NLE
Toxaphene	1	81.89	0.0004	ND	0.1
Arochlor 1016	1	81.89	0.0136	ND	0.49
Arochlor 1221	1	81.89	0.0251	ND	0.49
Arochlor 1232	1	81.89	0.0171	ND	0.49
Arochlor 1242	1	81.89	0.0195	ND	0.49
Arochlor 1248	1	81.89	0.0078	ND	0.49
Arochlor 1254	1	81.89	0.0049	ND	0.49
Arochlor 1260	1	81.89	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 # :**	4173.04
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/6/99
	Bldg. 173	**Extraction Date:**	1/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/10/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	73

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	88.01	0.0003	ND	NLE
beta-BHC	1	88.01	0.0003	ND	NLE
gamma-BHC	1	88.01	0.0004	ND	0.52
delta-BHC	1	88.01	0.0004	ND	NLE
Heptachlor	1	88.01	0.0003	ND	0.15
Aldrin	1	88.01	0.0004	ND	0.04
Heptachlor Epoxide	1	88.01	0.0007	ND	NLE
Endosulfan I	1	88.01	0.0006	ND	NLE
4,4'-DDE	1	88.01	0.0004	0.002	2
Dieldrin	1	88.01	0.0006	ND	0.042
Endrin	1	88.01	0.0006	ND	17
Endosulfan II	1	88.01	0.0004	ND	NLE
4,4'-DDD	1	88.01	0.0007	0.001	3
Endrin Aldehyde	1	88.01	0.0006	ND	NLE
4,4'-DDT	1	88.01	0.0012	ND	2
Endosulfan-Sulfate	1	88.01	0.0004	ND	NLE
gamma -Chlordane	1	88.01	0.0006	ND	NLE
alpha-Chlordane	1	88.01	0.0006	ND	NLE
Toxaphene	1	88.01	0.0003	ND	0.1
Arochlor 1016	1	88.01	0.0125	ND	0.49
Arochlor 1221	1	88.01	0.0230	ND	0.49
Arochlor 1232	1	88.01	0.0156	ND	0.49
Arochlor 1242	1	88.01	0.0179	ND	0.49
Arochlor 1248	1	88.01	0.0072	ND	0.49
Arochlor 1254	1	88.01	0.0045	ND	0.49
Arochlor 1260	1	88.01	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 # :**	4173.06
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/6/99
	Bldg. 173	**Extraction Date:**	1/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/10/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	74

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	85.90	0.0003	ND	NLE
beta-BHC	1	85.90	0.0003	ND	NLE
gamma-BHC	1	85.90	0.0005	ND	0.52
delta-BHC	1	85.90	0.0005	ND	NLE
Heptachlor	1	85.90	0.0003	ND	0.15
Aldrin	1	85.90	0.0005	ND	0.04
Heptachlor Epoxide	1	85.90	0.0007	ND	NLE
Endosulfan I	1	85.90	0.0006	ND	NLE
4,4'-DDE	1	85.90	0.0005	ND	2
Dieldrin	1	85.90	0.0006	ND	0.042
Endrin	1	85.90	0.0006	ND	17
Endosulfan II	1	85.90	0.0005	ND	NLE
4,4'-DDD	1	85.90	0.0007	0.017	3
Endrin Aldehyde	1	85.90	0.0006	ND	NLE
4,4'-DDT	1	85.90	0.0013	ND	2
Endosulfan-Sulfate	1	85.90	0.0005	ND	NLE
gamma -Chlordane	1	85.90	0.0006	ND	NLE
alpha-Chlordane	1	85.90	0.0006	ND	NLE
Toxaphene	1	85.90	0.0003	ND	0.1
Arochlor 1016	1	85.90	0.0128	ND	0.49
Arochlor 1221	1	85.90	0.0236	ND	0.49
Arochlor 1232	1	85.90	0.0161	ND	0.49
Arochlor 1242	1	85.90	0.0184	ND	0.49
Arochlor 1248	1	85.90	0.0073	ND	0.49
Arochlor 1254	1	85.90	0.0046	ND	0.49
Arochlor 1260	1	85.90	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 # :**	4173.08
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/6/99
	Bldg. 173	**Extraction Date:**	1/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/10/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	75

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	82.99	0.0004	ND	NLE
beta-BHC	1	82.99	0.0004	ND	NLE
gamma-BHC	1	82.99	0.0005	ND	0.52
delta-BHC	1	82.99	0.0005	ND	NLE
Heptachlor	1	82.99	0.0004	ND	0.15
Aldrin	1	82.99	0.0005	ND	0.04
Heptachlor Epoxide	1	82.99	0.0007	ND	NLE
Endosulfan I	1	82.99	0.0006	ND	NLE
4,4'-DDE	1	82.99	0.0005	0.001	2
Dieldrin	1	82.99	0.0006	ND	0.042
Endrin	1	82.99	0.0006	ND	17
Endosulfan II	1	82.99	0.0005	ND	NLE
4,4'-DDD	1	82.99	0.0007	ND	3
Endrin Aldehyde	1	82.99	0.0006	ND	NLE
4,4'-DDT	1	82.99	0.0013	0.002	2
Endosulfan-Sulfate	1	82.99	0.0005	ND	NLE
gamma -Chlordane	1	82.99	0.0006	ND	NLE
alpha-Chlordane	1	82.99	0.0006	ND	NLE
Toxaphene	1	82.99	0.0004	ND	0.1
Arochlor 1016	1	82.99	0.0134	ND	0.49
Arochlor 1221	1	82.99	0.0247	ND	0.49
Arochlor 1232	1	82.99	0.0168	ND	0.49
Arochlor 1242	1	82.99	0.0192	ND	0.49
Arochlor 1248	1	82.99	0.0077	ND	0.49
Arochlor 1254	1	82.99	0.0048	ND	0.49
Arochlor 1260	1	82.99	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 # :**	4173.10
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/6/99
	Bldg. 173	**Extraction Date:**	1/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/10/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	76

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	85.29	0.0003	ND	NLE
beta-BHC	1	85.29	0.0003	ND	NLE
gamma-BHC	1	85.29	0.0005	ND	0.52
delta-BHC	1	85.29	0.0005	ND	NLE
Heptachlor	1	85.29	0.0003	ND	0.15
Aldrin	1	85.29	0.0005	ND	0.04
Heptachlor Epoxide	1	85.29	0.0007	ND	NLE
Endosulfan I	1	85.29	0.0006	ND	NLE
4,4'-DDE	1	85.29	0.0005	ND	2
Dieldrin	1	85.29	0.0006	ND	0.042
Endrin	1	85.29	0.0006	ND	17
Endosulfan II	1	85.29	0.0005	ND	NLE
4,4'-DDD	1	85.29	0.0007	ND	3
Endrin Aldehyde	1	85.29	0.0006	ND	NLE
4,4'-DDT	1	85.29	0.0013	ND	2
Endosulfan-Sulfate	1	85.29	0.0005	ND	NLE
gamma -Chlordane	1	85.29	0.0006	ND	NLE
alpha-Chlordane	1	85.29	0.0006	ND	NLE
Toxaphene	1	85.29	0.0003	ND	0.1
Arochlor 1016	1	85.29	0.0129	ND	0.49
Arochlor 1221	1	85.29	0.0238	ND	0.49
Arochlor 1232	1	85.29	0.0162	ND	0.49
Arochlor 1242	1	85.29	0.0185	ND	0.49
Arochlor 1248	1	85.29	0.0074	ND	0.49
Arochlor 1254	1	85.29	0.0046	ND	0.49
Arochlor 1260	1	85.29	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 # :**	4173.12
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/6/99
	Bldg. 173	**Extraction Date:**	1/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/10/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	77

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	84.13	0.0003	ND	NLE
beta-BHC	1	84.13	0.0003	ND	NLE
gamma-BHC	1	84.13	0.0005	ND	0.52
delta-BHC	1	84.13	0.0005	ND	NLE
Heptachlor	1	84.13	0.0003	ND	0.15
Aldrin	1	84.13	0.0005	ND	0.04
Heptachlor Epoxide	1	84.13	0.0007	ND	NLE
Endosulfan I	1	84.13	0.0006	ND	NLE
4,4'-DDE	1	84.13	0.0005	0.014	2
Dieldrin	1	84.13	0.0006	ND	0.042
Endrin	1	84.13	0.0006	ND	17
Endosulfan II	1	84.13	0.0005	ND	NLE
4,4'-DDD	1	84.13	0.0007	0.003	3
Endrin Aldehyde	1	84.13	0.0006	ND	NLE
4,4'-DDT	1	84.13	0.0013	0.030	2
Endosulfan-Sulfate	1	84.13	0.0005	ND	NLE
gamma -Chlordane	1	84.13	0.0006	ND	NLE
alpha-Chlordane	1	84.13	0.0006	ND	NLE
Toxaphene	1	84.13	0.0003	ND	0.1
Arochlor 1016	1	84.13	0.0129	ND	0.49
Arochlor 1221	1	84.13	0.0237	ND	0.49
Arochlor 1232	1	84.13	0.0161	ND	0.49
Arochlor 1242	1	84.13	0.0184	ND	0.49
Arochlor 1248	1	84.13	0.0074	ND	0.49
Arochlor 1254	1	84.13	0.0046	ND	0.49
Arochlor 1260	1	84.13	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 # :**	4173.14
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/6/99
	Bldg. 173	**Extraction Date:**	1/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/10/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	78

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	85.32	0.0003	ND	NLE
beta-BHC	1	85.32	0.0003	ND	NLE
gamma-BHC	1	85.32	0.0005	ND	0.52
delta-BHC	1	85.32	0.0005	ND	NLE
Heptachlor	1	85.32	0.0003	ND	0.15
Aldrin	1	85.32	0.0005	ND	0.04
Heptachlor Epoxide	1	85.32	0.0007	ND	NLE
Endosulfan I	1	85.32	0.0006	ND	NLE
4,4'-DDE	20	85.32	0.0093	0.292	2
Dieldrin	1	85.32	0.0006	ND	0.042
Endrin	1	85.32	0.0006	ND	17
Endosulfan II	1	85.32	0.0005	ND	NLE
4,4'-DDD	20	85.32	0.0140	1.132	3
Endrin Aldehyde	1	85.32	0.0006	ND	NLE
4,4'-DDT	20	85.32	0.0256	0.349	2
Endosulfan-Sulfate	1	85.32	0.0005	ND	NLE
gamma -Chlordane	1	85.32	0.0006	ND	NLE
alpha-Chlordane	1	85.32	0.0006	ND	NLE
Toxaphene	1	85.32	0.0003	ND	0.1
Arochlor 1016	1	85.32	0.0130	ND	0.49
Arochlor 1221	1	85.32	0.0240	ND	0.49
Arochlor 1232	1	85.32	0.0163	ND	0.49
Arochlor 1242	1	85.32	0.0186	ND	0.49
Arochlor 1248	1	85.32	0.0074	ND	0.49
Arochlor 1254	1	85.32	0.0047	ND	0.49
Arochlor 1260	1	85.32	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 # :**	4173.16
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/6/99
	Bldg. 173	**Extraction Date:**	1/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/10/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	79

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	82.79	0.0004	ND	NLE
beta-BHC	1	82.79	0.0004	ND	NLE
gamma-BHC	1	82.79	0.0005	ND	0.52
delta-BHC	1	82.79	0.0005	ND	NLE
Heptachlor	1	82.79	0.0004	ND	0.15
Aldrin	1	82.79	0.0005	ND	0.04
Heptachlor Epoxide	1	82.79	0.0007	ND	NLE
Endosulfan I	1	82.79	0.0006	ND	NLE
4,4'-DDE	1	82.79	0.0005	0.022	2
Dieldrin	1	82.79	0.0006	ND	0.042
Endrin	1	82.79	0.0006	ND	17
Endosulfan II	1	82.79	0.0005	ND	NLE
4,4'-DDD	1	82.79	0.0007	0.007	3
Endrin Aldehyde	1	82.79	0.0006	ND	NLE
4,4'-DDT	1	82.79	0.0013	0.062	2
Endosulfan-Sulfate	1	82.79	0.0005	ND	NLE
gamma -Chlordane	1	82.79	0.0006	ND	NLE
alpha-Chlordane	1	82.79	0.0006	ND	NLE
Toxaphene	1	82.79	0.0004	ND	0.1
Arochlor 1016	1	82.79	0.0135	ND	0.49
Arochlor 1221	1	82.79	0.0248	ND	0.49
Arochlor 1232	1	82.79	0.0169	ND	0.49
Arochlor 1242	1	82.79	0.0193	ND	0.49
Arochlor 1248	1	82.79	0.0077	ND	0.49
Arochlor 1254	1	82.79	0.0048	ND	0.49
Arochlor 1260	1	82.79	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 # :**	4173.18
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/6/99
	Bldg. 173	**Extraction Date:**	1/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/10/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	80

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	85.62	0.0004	ND	NLE
beta-BHC	1	85.62	0.0004	ND	NLE
gamma-BHC	1	85.62	0.0005	ND	0.52
delta-BHC	1	85.62	0.0005	ND	NLE
Heptachlor	1	85.62	0.0004	ND	0.15
Aldrin	1	85.62	0.0005	ND	0.04
Heptachlor Epoxide	1	85.62	0.0007	ND	NLE
Endosulfan I	1	85.62	0.0006	ND	NLE
4,4'-DDE	1	85.62	0.0005	ND	2
Dieldrin	1	85.62	0.0006	ND	0.042
Endrin	1	85.62	0.0006	ND	17
Endosulfan II	1	85.62	0.0005	ND	NLE
4,4'-DDD	1	85.62	0.0007	ND	3
Endrin Aldehyde	1	85.62	0.0006	ND	NLE
4,4'-DDT	1	85.62	0.0013	ND	2
Endosulfan-Sulfate	1	85.62	0.0005	ND	NLE
gamma -Chlordane	1	85.62	0.0006	ND	NLE
alpha-Chlordane	1	85.62	0.0006	ND	NLE
Toxaphene	1	85.62	0.0004	ND	0.1
Arochlor 1016	1	85.62	0.0131	ND	0.49
Arochlor 1221	1	85.62	0.0241	ND	0.49
Arochlor 1232	1	85.62	0.0164	ND	0.49
Arochlor 1242	1	85.62	0.0187	ND	0.49
Arochlor 1248	1	85.62	0.0075	ND	0.49
Arochlor 1254	1	85.62	0.0047	ND	0.49
Arochlor 1260	1	85.62	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 # :**	4173.20
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/6/99
	Bldg. 173	**Extraction Date:**	1/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/10/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	81

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	82.42	0.0004	ND	NLE
beta-BHC	1	82.42	0.0004	ND	NLE
gamma-BHC	1	82.42	0.0005	ND	0.52
delta-BHC	1	82.42	0.0005	ND	NLE
Heptachlor	1	82.42	0.0004	ND	0.15
Aldrin	1	82.42	0.0005	ND	0.04
Heptachlor Epoxide	1	82.42	0.0007	ND	NLE
Endosulfan I	1	82.42	0.0006	ND	NLE
4,4'-DDE	1	82.42	0.0005	0.004	2
Dieldrin	1	82.42	0.0006	ND	0.042
Endrin	1	82.42	0.0006	ND	17
Endosulfan II	1	82.42	0.0005	ND	NLE
4,4'-DDD	1	82.42	0.0007	0.001	3
Endrin Aldehyde	1	82.42	0.0006	ND	NLE
4,4'-DDT	1	82.42	0.0013	0.006	2
Endosulfan-Sulfate	1	82.42	0.0005	ND	NLE
gamma -Chlordane	1	82.42	0.0006	ND	NLE
alpha-Chlordane	1	82.42	0.0006	ND	NLE
Toxaphene	1	82.42	0.0004	ND	0.1
Arochlor 1016	1	82.42	0.0133	ND	0.49
Arochlor 1221	1	82.42	0.0245	ND	0.49
Arochlor 1232	1	82.42	0.0166	ND	0.49
Arochlor 1242	1	82.42	0.0190	ND	0.49
Arochlor 1248	1	82.42	0.0076	ND	0.49
Arochlor 1254	1	82.42	0.0047	ND	0.49
Arochlor 1260	1	82.42	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 # :**	4173.22
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/6/99
	Bldg. 173	**Extraction Date:**	1/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/10/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	82

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	84.20	0.0004	ND	NLE
beta-BHC	1	84.20	0.0004	ND	NLE
gamma-BHC	1	84.20	0.0005	ND	0.52
delta-BHC	1	84.20	0.0005	ND	NLE
Heptachlor	1	84.20	0.0004	ND	0.15
Aldrin	1	84.20	0.0005	ND	0.04
Heptachlor Epoxide	1	84.20	0.0007	ND	NLE
Endosulfan I	1	84.20	0.0006	ND	NLE
4,4'-DDE	1	84.20	0.0005	0.004	2
Dieldrin	1	84.20	0.0006	ND	0.042
Endrin	1	84.20	0.0006	ND	17
Endosulfan II	1	84.20	0.0005	ND	NLE
4,4'-DDD	1	84.20	0.0007	0.001	3
Endrin Aldehyde	1	84.20	0.0006	ND	NLE
4,4'-DDT	1	84.20	0.0013	0.007	2
Endosulfan-Sulfate	1	84.20	0.0005	ND	NLE
gamma -Chlordane	1	84.20	0.0006	ND	NLE
alpha-Chlordane	1	84.20	0.0006	ND	NLE
Toxaphene	1	84.20	0.0004	ND	0.1
Arochlor 1016	1	84.20	0.0132	ND	0.49
Arochlor 1221	1	84.20	0.0243	ND	0.49
Arochlor 1232	1	84.20	0.0165	ND	0.49
Arochlor 1242	1	84.20	0.0189	ND	0.49
Arochlor 1248	1	84.20	0.0075	ND	0.49
Arochlor 1254	1	84.20	0.0047	ND	0.49
Arochlor 1260	1	84.20	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 # :**	4173.24
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/6/99
	Bldg. 173	**Extraction Date:**	1/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/10/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	83

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	89.61	0.0003	ND	NLE
beta-BHC	1	89.61	0.0003	ND	NLE
gamma-BHC	1	89.61	0.0004	ND	0.52
delta-BHC	1	89.61	0.0004	ND	NLE
Heptachlor	1	89.61	0.0003	ND	0.15
Aldrin	1	89.61	0.0004	ND	0.04
Heptachlor Epoxide	1	89.61	0.0007	ND	NLE
Endosulfan I	1	89.61	0.0006	ND	NLE
4,4'-DDE	5	89.61	0.0022	0.125	2
Dieldrin	1	89.61	0.0006	ND	0.042
Endrin	1	89.61	0.0006	ND	17
Endosulfan II	1	89.61	0.0004	ND	NLE
4,4'-DDD	1	89.61	0.0007	0.013	3
Endrin Aldehyde	1	89.61	0.0006	ND	NLE
4,4'-DDT	5	89.61	0.0061	0.224	2
Endosulfan-Sulfate	1	89.61	0.0004	ND	NLE
gamma -Chlordane	1	89.61	0.0006	ND	NLE
alpha-Chlordane	1	89.61	0.0006	ND	NLE
Toxaphene	1	89.61	0.0003	ND	0.1
Arochlor 1016	1	89.61	0.0125	ND	0.49
Arochlor 1221	1	89.61	0.0230	ND	0.49
Arochlor 1232	1	89.61	0.0156	ND	0.49
Arochlor 1242	1	89.61	0.0178	ND	0.49
Arochlor 1248	1	89.61	0.0071	ND	0.49
Arochlor 1254	1	89.61	0.0045	ND	0.49
Arochlor 1260	1	89.61	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 # :**	4173.26
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/6/99
	Bldg. 173	**Extraction Date:**	1/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/10/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	84

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	90.30	0.0003	ND	NLE
beta-BHC	1	90.30	0.0003	ND	NLE
gamma-BHC	1	90.30	0.0004	ND	0.52
delta-BHC	1	90.30	0.0004	ND	NLE
Heptachlor	1	90.30	0.0003	ND	0.15
Aldrin	1	90.30	0.0004	ND	0.04
Heptachlor Epoxide	1	90.30	0.0007	ND	NLE
Endosulfan I	1	90.30	0.0005	ND	NLE
4,4'-DDE	1	90.30	0.0004	0.046	2
Dieldrin	1	90.30	0.0005	ND	0.042
Endrin	1	90.30	0.0005	ND	17
Endosulfan II	1	90.30	0.0004	ND	NLE
4,4'-DDD	1	90.30	0.0007	0.050	3
Endrin Aldehyde	1	90.30	0.0005	ND	NLE
4,4'-DDT	1	90.30	0.0012	0.047	2
Endosulfan-Sulfate	1	90.30	0.0004	ND	NLE
gamma -Chlordane	1	90.30	0.0005	ND	NLE
alpha-Chlordane	1	90.30	0.0005	ND	NLE
Toxaphene	1	90.30	0.0003	ND	0.1
Arochlor 1016	1	90.30	0.0122	ND	0.49
Arochlor 1221	1	90.30	0.0225	ND	0.49
Arochlor 1232	1	90.30	0.0153	ND	0.49
Arochlor 1242	1	90.30	0.0175	ND	0.49
Arochlor 1248	1	90.30	0.0070	ND	0.49
Arochlor 1254	1	90.30	0.0044	ND	0.49
Arochlor 1260	1	90.30	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 # :**	4173.28
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/6/99
	Bldg. 173	**Extraction Date:**	1/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/10/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	85

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	81.97	0.0004	ND	NLE
beta-BHC	1	81.97	0.0004	ND	NLE
gamma-BHC	1	81.97	0.0005	ND	0.52
delta-BHC	1	81.97	0.0005	ND	NLE
Heptachlor	1	81.97	0.0004	ND	0.15
Aldrin	1	81.97	0.0005	ND	0.04
Heptachlor Epoxide	1	81.97	0.0007	ND	NLE
Endosulfan I	1	81.97	0.0006	ND	NLE
4,4'-DDE	1	81.97	0.0005	0.015	2
Dieldrin	1	81.97	0.0006	ND	0.042
Endrin	1	81.97	0.0006	ND	17
Endosulfan II	1	81.97	0.0005	ND	NLE
4,4'-DDD	1	81.97	0.0007	0.002	3
Endrin Aldehyde	1	81.97	0.0006	ND	NLE
4,4'-DDT	1	81.97	0.0013	0.021	2
Endosulfan-Sulfate	1	81.97	0.0005	ND	NLE
gamma -Chlordane	1	81.97	0.0006	ND	NLE
alpha-Chlordane	1	81.97	0.0006	ND	NLE
Toxaphene	1	81.97	0.0004	ND	0.1
Arochlor 1016	1	81.97	0.0136	ND	0.49
Arochlor 1221	1	81.97	0.0250	ND	0.49
Arochlor 1232	1	81.97	0.0170	ND	0.49
Arochlor 1242	1	81.97	0.0194	ND	0.49
Arochlor 1248	1	81.97	0.0078	ND	0.49
Arochlor 1254	1	81.97	0.0049	ND	0.49
Arochlor 1260	1	81.97	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 # :**	4173.30
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/6/99
	Bldg. 173	**Extraction Date:**	1/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/10/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	86

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	83.72	0.0004	ND	NLE
beta-BHC	1	83.72	0.0004	ND	NLE
gamma-BHC	1	83.72	0.0005	ND	0.52
delta-BHC	1	83.72	0.0005	ND	NLE
Heptachlor	1	83.72	0.0004	ND	0.15
Aldrin	1	83.72	0.0005	ND	0.04
Heptachlor Epoxide	1	83.72	0.0007	ND	NLE
Endosulfan I	1	83.72	0.0006	ND	NLE
4,4'-DDE	1	83.72	0.0005	0.004	2
Dieldrin	1	83.72	0.0006	ND	0.042
Endrin	1	83.72	0.0006	ND	17
Endosulfan II	1	83.72	0.0005	ND	NLE
4,4'-DDD	1	83.72	0.0007	0.001	3
Endrin Aldehyde	1	83.72	0.0006	ND	NLE
4,4'-DDT	1	83.72	0.0013	0.007	2
Endosulfan-Sulfate	1	83.72	0.0005	ND	NLE
gamma -Chlordane	1	83.72	0.0006	ND	NLE
alpha-Chlordane	1	83.72	0.0006	ND	NLE
Toxaphene	1	83.72	0.0004	ND	0.1
Arochlor 1016	1	83.72	0.0133	ND	0.49
Arochlor 1221	1	83.72	0.0244	ND	0.49
Arochlor 1232	1	83.72	0.0166	ND	0.49
Arochlor 1242	1	83.72	0.0190	ND	0.49
Arochlor 1248	1	83.72	0.0076	ND	0.49
Arochlor 1254	1	83.72	0.0047	ND	0.49
Arochlor 1260	1	83.72	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 # :**	4177.02
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/7/99
	Bldg. 173	**Extraction Date:**	1/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/10/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B87

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	80.88	0.0004	ND	NLE
beta-BHC	1	80.88	0.0004	ND	NLE
gamma-BHC	1	80.88	0.0005	ND	0.52
delta-BHC	1	80.88	0.0005	ND	NLE
Heptachlor	1	80.88	0.0004	ND	0.15
Aldrin	1	80.88	0.0005	ND	0.04
Heptachlor Epoxide	1	80.88	0.0007	ND	NLE
Endosulfan I	1	80.88	0.0006	ND	NLE
4,4'-DDE	1	80.88	0.0005	0.005	2
Dieldrin	1	80.88	0.0006	ND	0.042
Endrin	1	80.88	0.0006	ND	17
Endosulfan II	1	80.88	0.0005	ND	NLE
4,4'-DDD	1	80.88	0.0007	0.004	3
Endrin Aldehyde	1	80.88	0.0006	ND	NLE
4,4'-DDT	1	80.88	0.0013	0.009	2
Endosulfan-Sulfate	1	80.88	0.0005	ND	NLE
gamma -Chlordane	1	80.88	0.0006	ND	NLE
alpha-Chlordane	1	80.88	0.0006	ND	NLE
Toxaphene	1	80.88	0.0004	ND	0.1
Arochlor 1016	1	80.88	0.0137	ND	0.49
Arochlor 1221	1	80.88	0.0253	ND	0.49
Arochlor 1232	1	80.88	0.0172	ND	0.49
Arochlor 1242	1	80.88	0.0196	ND	0.49
Arochlor 1248	1	80.88	0.0079	ND	0.49
Arochlor 1254	1	80.88	0.0049	ND	0.49
Arochlor 1260	1	80.88	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 # :**	4177.04
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/7/99
	Bldg. 173	**Extraction Date:**	1/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/11/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B88

Pesticide/PCB	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	0.0005	ND	0.52
delta-BHC	1	87.94	0.0005	ND	NLE
Heptachlor	1	87.94	0.0003	ND	0.15
Aldrin	1	87.94	0.0005	ND	0.04
Heptachlor Epoxide	1	87.94	0.0007	ND	NLE
Endosulfan I	1	87.94	0.0006	ND	NLE
4,4'-DDE	1	87.94	0.0005	0.002	2
Dieldrin	1	87.94	0.0006	ND	0.042
Endrin	1	87.94	0.0006	ND	17
Endosulfan II	1	87.94	0.0005	ND	NLE
4,4'-DDD	1	87.94	0.0007	0.002	3
Endrin Aldehyde	1	87.94	0.0006	ND	NLE
4,4'-DDT	1	87.94	0.0013	ND	2
Endosulfan-Sulfate	1	87.94	0.0005	ND	NLE
gamma -Chlordane	1	87.94	0.0006	ND	NLE
alpha-Chlordane	1	87.94	0.0006	ND	NLE
Toxaphene	1	87.94	0.0003	ND	0.1
Arochlor 1016	1	87.94	0.0127	ND	0.49
Arochlor 1221	1	87.94	0.0234	ND	0.49
Arochlor 1232	1	87.94	0.0159	ND	0.49
Arochlor 1242	1	87.94	0.0182	ND	0.49
Arochlor 1248	1	87.94	0.0073	ND	0.49
Arochlor 1254	1	87.94	0.0045	ND	0.49
Arochlor 1260	1	87.94	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 # :**	4177.06
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/7/99
	Bldg. 173	**Extraction Date:**	1/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/11/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B89

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	85.82	0.0003	ND	NLE
beta-BHC	1	85.82	0.0003	ND	NLE
gamma-BHC	1	85.82	0.0005	ND	0.52
delta-BHC	1	85.82	0.0005	ND	NLE
Heptachlor	1	85.82	0.0003	ND	0.15
Aldrin	1	85.82	0.0005	ND	0.04
Heptachlor Epoxide	1	85.82	0.0007	ND	NLE
Endosulfan I	1	85.82	0.0006	ND	NLE
4,4'-DDE	5	85.82	0.0023	0.234	2
Dieldrin	1	85.82	0.0006	ND	0.042
Endrin	1	85.82	0.0006	ND	17
Endosulfan II	1	85.82	0.0005	ND	NLE
4,4'-DDD	1	85.82	0.0007	0.027	3
Endrin Aldehyde	1	85.82	0.0006	ND	NLE
4,4'-DDT	5	85.82	0.0063	0.351	2
Endosulfan-Sulfate	1	85.82	0.0005	ND	NLE
gamma -Chlordane	1	85.82	0.0006	ND	NLE
alpha-Chlordane	1	85.82	0.0006	ND	NLE
Toxaphene	1	85.82	0.0003	ND	0.1
Arochlor 1016	1	85.82	0.0129	ND	0.49
Arochlor 1221	1	85.82	0.0238	ND	0.49
Arochlor 1232	1	85.82	0.0162	ND	0.49
Arochlor 1242	1	85.82	0.0185	ND	0.49
Arochlor 1248	1	85.82	0.0074	ND	0.49
Arochlor 1254	1	85.82	0.0046	ND	0.49
Arochlor 1260	1	85.82	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 # :**	4177.08
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/7/99
	Bldg. 173	**Extraction Date:**	1/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/11/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B90

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	89.94	0.0003	ND	NLE
beta-BHC	1	89.94	0.0003	ND	NLE
gamma-BHC	1	89.94	0.0004	ND	0.52
delta-BHC	1	89.94	0.0004	ND	NLE
Heptachlor	1	89.94	0.0003	ND	0.15
Aldrin	1	89.94	0.0004	ND	0.04
Heptachlor Epoxide	1	89.94	0.0007	ND	NLE
Endosulfan I	1	89.94	0.0006	ND	NLE
4,4'-DDE	1	89.94	0.0004	0.058	2
Dieldrin	1	89.94	0.0006	ND	0.042
Endrin	1	89.94	0.0006	ND	17
Endosulfan II	1	89.94	0.0004	ND	NLE
4,4'-DDD	1	89.94	0.0007	0.010	3
Endrin Aldehyde	1	89.94	0.0006	ND	NLE
4,4'-DDT	1	89.94	0.0012	0.070	2
Endosulfan-Sulfate	1	89.94	0.0004	ND	NLE
gamma -Chlordane	1	89.94	0.0006	ND	NLE
alpha-Chlordane	1	89.94	0.0006	ND	NLE
Toxaphene	1	89.94	0.0003	ND	0.1
Arochlor 1016	1	89.94	0.0124	ND	0.49
Arochlor 1221	1	89.94	0.0227	ND	0.49
Arochlor 1232	1	89.94	0.0155	ND	0.49
Arochlor 1242	1	89.94	0.0177	ND	0.49
Arochlor 1248	1	89.94	0.0071	ND	0.49
Arochlor 1254	1	89.94	0.0044	ND	0.49
Arochlor 1260	1	89.94	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 # :**	4177.10
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/7/99
	Bldg. 173	**Extraction Date:**	1/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/11/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B91

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	84.27	0.0004	ND	NLE
beta-BHC	1	84.27	0.0004	ND	NLE
gamma-BHC	1	84.27	0.0005	ND	0.52
delta-BHC	1	84.27	0.0005	ND	NLE
Heptachlor	1	84.27	0.0004	ND	0.15
Aldrin	1	84.27	0.0005	ND	0.04
Heptachlor Epoxide	1	84.27	0.0007	ND	NLE
Endosulfan I	1	84.27	0.0006	ND	NLE
4,4'-DDE	1	84.27	0.0005	0.003	2
Dieldrin	1	84.27	0.0006	ND	0.042
Endrin	1	84.27	0.0006	ND	17
Endosulfan II	1	84.27	0.0005	ND	NLE
4,4'-DDD	1	84.27	0.0007	ND	3
Endrin Aldehyde	1	84.27	0.0006	ND	NLE
4,4'-DDT	1	84.27	0.0013	ND	2
Endosulfan-Sulfate	1	84.27	0.0005	ND	NLE
gamma -Chlordane	1	84.27	0.0006	ND	NLE
alpha-Chlordane	1	84.27	0.0006	ND	NLE
Toxaphene	1	84.27	0.0004	ND	0.1
Arochlor 1016	1	84.27	0.0131	ND	0.49
Arochlor 1221	1	84.27	0.0242	ND	0.49
Arochlor 1232	1	84.27	0.0164	ND	0.49
Arochlor 1242	1	84.27	0.0188	ND	0.49
Arochlor 1248	1	84.27	0.0075	ND	0.49
Arochlor 1254	1	84.27	0.0047	ND	0.49
Arochlor 1260	1	84.27	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 # :**	4177.12
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/7/99
	Bldg. 173	**Extraction Date:**	1/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/11/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B92

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	84.83	0.0003	ND	NLE
beta-BHC	1	84.83	0.0003	ND	NLE
gamma-BHC	1	84.83	0.0005	ND	0.52
delta-BHC	1	84.83	0.0005	ND	NLE
Heptachlor	1	84.83	0.0003	ND	0.15
Aldrin	1	84.83	0.0005	ND	0.04
Heptachlor Epoxide	1	84.83	0.0007	ND	NLE
Endosulfan I	1	84.83	0.0006	ND	NLE
4,4'-DDE	1	84.83	0.0005	0.058	2
Dieldrin	1	84.83	0.0006	ND	0.042
Endrin	1	84.83	0.0006	ND	17
Endosulfan II	1	84.83	0.0005	ND	NLE
4,4'-DDD	1	84.83	0.0007	0.069	3
Endrin Aldehyde	1	84.83	0.0006	ND	NLE
4,4'-DDT	5	84.83	0.0064	0.347	2
Endosulfan-Sulfate	1	84.83	0.0005	ND	NLE
gamma -Chlordane	1	84.83	0.0006	ND	NLE
alpha-Chlordane	1	84.83	0.0006	ND	NLE
Toxaphene	1	84.83	0.0003	ND	0.1
Arochlor 1016	1	84.83	0.0131	ND	0.49
Arochlor 1221	1	84.83	0.0240	ND	0.49
Arochlor 1232	1	84.83	0.0163	ND	0.49
Arochlor 1242	1	84.83	0.0187	ND	0.49
Arochlor 1248	1	84.83	0.0075	ND	0.49
Arochlor 1254	1	84.83	0.0047	ND	0.49
Arochlor 1260	1	84.83	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 # :**	4177.14
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/7/99
	Bldg. 173	**Extraction Date:**	1/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/11/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B93

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	83.80	0.0004	ND	NLE
beta-BHC	1	83.80	0.0004	ND	NLE
gamma-BHC	1	83.80	0.0005	ND	0.52
delta-BHC	1	83.80	0.0005	ND	NLE
Heptachlor	1	83.80	0.0004	ND	0.15
Aldrin	1	83.80	0.0005	ND	0.04
Heptachlor Epoxide	1	83.80	0.0007	ND	NLE
Endosulfan I	1	83.80	0.0006	ND	NLE
4,4'-DDE	1	83.80	0.0005	0.001	2
Dieldrin	1	83.80	0.0006	ND	0.042
Endrin	1	83.80	0.0006	ND	17
Endosulfan II	1	83.80	0.0005	ND	NLE
4,4'-DDD	1	83.80	0.0007	ND	3
Endrin Aldehyde	1	83.80	0.0006	ND	NLE
4,4'-DDT	1	83.80	0.0013	0.002	2
Endosulfan-Sulfate	1	83.80	0.0005	ND	NLE
gamma -Chlordane	1	83.80	0.0006	ND	NLE
alpha-Chlordane	1	83.80	0.0006	ND	NLE
Toxaphene	1	83.80	0.0004	ND	0.1
Arochlor 1016	1	83.80	0.0132	ND	0.49
Arochlor 1221	1	83.80	0.0243	ND	0.49
Arochlor 1232	1	83.80	0.0165	ND	0.49
Arochlor 1242	1	83.80	0.0189	ND	0.49
Arochlor 1248	1	83.80	0.0075	ND	0.49
Arochlor 1254	1	83.80	0.0047	ND	0.49
Arochlor 1260	1	83.80	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 # :**	4177.16
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/7/99
	Bldg. 173	**Extraction Date:**	1/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/11/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B94

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	85.62	0.0003	ND	NLE
beta-BHC	1	85.62	0.0003	ND	NLE
gamma-BHC	1	85.62	0.0005	ND	0.52
delta-BHC	1	85.62	0.0005	ND	NLE
Heptachlor	1	85.62	0.0003	ND	0.15
Aldrin	1	85.62	0.0005	ND	0.04
Heptachlor Epoxide	1	85.62	0.0007	ND	NLE
Endosulfan I	1	85.62	0.0006	ND	NLE
4,4'-DDE	1	85.62	0.0005	0.007	2
Dieldrin	1	85.62	0.0006	ND	0.042
Endrin	1	85.62	0.0006	ND	17
Endosulfan II	1	85.62	0.0005	ND	NLE
4,4'-DDD	1	85.62	0.0007	0.003	3
Endrin Aldehyde	1	85.62	0.0006	ND	NLE
4,4'-DDT	1	85.62	0.0013	0.023	2
Endosulfan-Sulfate	1	85.62	0.0005	ND	NLE
gamma -Chlordane	1	85.62	0.0006	ND	NLE
alpha-Chlordane	1	85.62	0.0006	ND	NLE
Toxaphene	1	85.62	0.0003	ND	0.1
Arochlor 1016	1	85.62	0.0131	ND	0.49
Arochlor 1221	1	85.62	0.0240	ND	0.49
Arochlor 1232	1	85.62	0.0163	ND	0.49
Arochlor 1242	1	85.62	0.0186	ND	0.49
Arochlor 1248	1	85.62	0.0075	ND	0.49
Arochlor 1254	1	85.62	0.0047	ND	0.49
Arochlor 1260	1	85.62	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 # :**	4177.18
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/7/99
	Bldg. 173	**Extraction Date:**	1/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/11/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B95

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	86.35	0.0003	ND	NLE
beta-BHC	1	86.35	0.0003	ND	NLE
gamma-BHC	1	86.35	0.0005	ND	0.52
delta-BHC	1	86.35	0.0005	ND	NLE
Heptachlor	1	86.35	0.0003	ND	0.15
Aldrin	1	86.35	0.0005	ND	0.04
Heptachlor Epoxide	1	86.35	0.0007	ND	NLE
Endosulfan I	1	86.35	0.0006	ND	NLE
4,4'-DDE	10	86.35	0.0046	0.488	2
Dieldrin	1	86.35	0.0006	ND	0.042
Endrin	1	86.35	0.0006	ND	17
Endosulfan II	1	86.35	0.0005	ND	NLE
4,4'-DDD	1	86.35	0.0007	0.049	3
Endrin Aldehyde	1	86.35	0.0006	ND	NLE
4,4'-DDT	10	86.35	0.0127	0.516	2
Endosulfan-Sulfate	1	86.35	0.0005	ND	NLE
gamma -Chlordane	1	86.35	0.0006	ND	NLE
alpha-Chlordane	1	86.35	0.0006	ND	NLE
Toxaphene	1	86.35	0.0003	ND	0.1
Arochlor 1016	1	86.35	0.0129	ND	0.49
Arochlor 1221	1	86.35	0.0238	ND	0.49
Arochlor 1232	1	86.35	0.0162	ND	0.49
Arochlor 1242	1	86.35	0.0185	ND	0.49
Arochlor 1248	1	86.35	0.0074	ND	0.49
Arochlor 1254	1	86.35	0.0046	ND	0.49
Arochlor 1260	1	86.35	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 # :**	4179.02
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/11/99
	Bldg. 173	**Extraction Date:**	1/13/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/11/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	96

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	71.32	0.0004	ND	NLE
beta-BHC	1	71.32	0.0004	ND	NLE
gamma-BHC	1	71.32	0.0006	ND	0.52
delta-BHC	1	71.32	0.0006	ND	NLE
Heptachlor	1	71.32	0.0004	ND	0.15
Aldrin	1	71.32	0.0006	ND	0.04
Heptachlor Epoxide	1	71.32	0.0008	ND	NLE
Endosulfan I	1	71.32	0.0007	ND	NLE
4,4'-DDE	5	71.32	0.0028	0.206	2
Dieldrin	1	71.32	0.0007	ND	0.042
Endrin	1	71.32	0.0007	ND	17
Endosulfan II	1	71.32	0.0006	ND	NLE
4,4'-DDD	1	71.32	0.0008	0.019	3
Endrin Aldehyde	1	71.32	0.0007	ND	NLE
4,4'-DDT	5	71.32	0.0076	0.213	2
Endosulfan-Sulfate	1	71.32	0.0006	ND	NLE
gamma -Chlordane	1	71.32	0.0007	ND	NLE
alpha-Chlordane	1	71.32	0.0007	ND	NLE
Toxaphene	1	71.32	0.0004	ND	0.1
Arochlor 1016	1	71.32	0.0155	ND	0.49
Arochlor 1221	1	71.32	0.0286	ND	0.49
Arochlor 1232	1	71.32	0.0194	ND	0.49
Arochlor 1242	1	71.32	0.0222	ND	0.49
Arochlor 1248	1	71.32	0.0089	ND	0.49
Arochlor 1254	1	71.32	0.0056	ND	0.49
Arochlor 1260	1	71.32	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 # :**	4179.04
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/11/99
	Bldg. 173	**Extraction Date:**	1/13/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/11/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	97

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	86.27	0.0003	ND	NLE
beta-BHC	1	86.27	0.0003	ND	NLE
gamma-BHC	1	86.27	0.0005	ND	0.52
delta-BHC	1	86.27	0.0005	ND	NLE
Heptachlor	1	86.27	0.0003	ND	0.15
Aldrin	1	86.27	0.0005	ND	0.04
Heptachlor Epoxide	1	86.27	0.0007	ND	NLE
Endosulfan I	1	86.27	0.0006	ND	NLE
4,4'-DDE	1	86.27	0.0005	0.034	2
Dieldrin	1	86.27	0.0006	ND	0.042
Endrin	1	86.27	0.0006	ND	17
Endosulfan II	1	86.27	0.0005	ND	NLE
4,4'-DDD	1	86.27	0.0007	0.017	3
Endrin Aldehyde	1	86.27	0.0006	ND	NLE
4,4'-DDT	1	86.27	0.0013	0.028	2
Endosulfan-Sulfate	1	86.27	0.0005	ND	NLE
gamma -Chlordane	1	86.27	0.0006	ND	NLE
alpha-Chlordane	1	86.27	0.0006	ND	NLE
Toxaphene	1	86.27	0.0003	ND	0.1
Arochlor 1016	1	86.27	0.0128	ND	0.49
Arochlor 1221	1	86.27	0.0235	ND	0.49
Arochlor 1232	1	86.27	0.0160	ND	0.49
Arochlor 1242	1	86.27	0.0182	ND	0.49
Arochlor 1248	1	86.27	0.0073	ND	0.49
Arochlor 1254	1	86.27	0.0046	ND	0.49
Arochlor 1260	1	86.27	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 # :**	4179.06
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/11/99
	Bldg. 173	**Extraction Date:**	1/13/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/11/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	98

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	85.57	0.0003	ND	NLE
beta-BHC	1	85.57	0.0003	ND	NLE
gamma-BHC	1	85.57	0.0005	ND	0.52
delta-BHC	1	85.57	0.0005	ND	NLE
Heptachlor	1	85.57	0.0003	ND	0.15
Aldrin	1	85.57	0.0005	ND	0.04
Heptachlor Epoxide	1	85.57	0.0007	ND	NLE
Endosulfan I	1	85.57	0.0006	ND	NLE
4,4'-DDE	1	85.57	0.0005	0.075	2
Dieldrin	1	85.57	0.0006	0.001	0.042
Endrin	1	85.57	0.0006	ND	17
Endosulfan II	1	85.57	0.0005	ND	NLE
4,4'-DDD	5	85.57	0.0035	0.172	3
Endrin Aldehyde	1	85.57	0.0006	ND	NLE
4,4'-DDT	5	85.57	0.0064	0.309	2
Endosulfan-Sulfate	1	85.57	0.0005	ND	NLE
gamma -Chlordane	1	85.57	0.0006	ND	NLE
alpha-Chlordane	1	85.57	0.0006	ND	NLE
Toxaphene	1	85.57	0.0003	ND	0.1
Arochlor 1016	1	85.57	0.0129	ND	0.49
Arochlor 1221	1	85.57	0.0238	ND	0.49
Arochlor 1232	1	85.57	0.0162	ND	0.49
Arochlor 1242	1	85.57	0.0185	ND	0.49
Arochlor 1248	1	85.57	0.0074	ND	0.49
Arochlor 1254	1	85.57	0.0046	ND	0.49
Arochlor 1260	1	85.57	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 # :**	4179.08
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/11/99
	Bldg. 173	**Extraction Date:**	1/13/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/12/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	99

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	83.04	0.0004	ND	NLE
beta-BHC	1	83.04	0.0004	ND	NLE
gamma-BHC	1	83.04	0.0005	ND	0.52
delta-BHC	1	83.04	0.0005	ND	NLE
Heptachlor	1	83.04	0.0004	ND	0.15
Aldrin	1	83.04	0.0005	ND	0.04
Heptachlor Epoxide	1	83.04	0.0007	ND	NLE
Endosulfan I	1	83.04	0.0006	ND	NLE
4,4'-DDE	1	83.04	0.0005	0.084	2
Dieldrin	1	83.04	0.0006	ND	0.042
Endrin	1	83.04	0.0006	ND	17
Endosulfan II	1	83.04	0.0005	ND	NLE
4,4'-DDD	50	83.04	0.0360	0.136	3
Endrin Aldehyde	1	83.04	0.0006	ND	NLE
4,4'-DDT	50	83.04	0.0660	2.930	2
Endosulfan-Sulfate	1	83.04	0.0005	ND	NLE
gamma -Chlordane	1	83.04	0.0006	ND	NLE
alpha-Chlordane	1	83.04	0.0006	ND	NLE
Toxaphene	1	83.04	0.0004	ND	0.1
Arochlor 1016	1	83.04	0.0134	ND	0.49
Arochlor 1221	1	83.04	0.0247	ND	0.49
Arochlor 1232	1	83.04	0.0168	ND	0.49
Arochlor 1242	1	83.04	0.0192	ND	0.49
Arochlor 1248	1	83.04	0.0077	ND	0.49
Arochlor 1254	1	83.04	0.0048	ND	0.49
Arochlor 1260	1	83.04	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 # :**	4179.10
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/11/99
	Bldg. 173	**Extraction Date:**	1/13/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/12/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	100

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	80.92	0.0004	ND	NLE
beta-BHC	1	80.92	0.0004	ND	NLE
gamma-BHC	1	80.92	0.0005	ND	0.52
delta-BHC	1	80.92	0.0005	ND	NLE
Heptachlor	1	80.92	0.0004	ND	0.15
Aldrin	1	80.92	0.0005	ND	0.04
Heptachlor Epoxide	1	80.92	0.0007	ND	NLE
Endosulfan I	1	80.92	0.0006	ND	NLE
4,4'-DDE	1	80.92	0.0005	0.002	2
Dieldrin	1	80.92	0.0006	ND	0.042
Endrin	1	80.92	0.0006	ND	17
Endosulfan II	1	80.92	0.0005	ND	NLE
4,4'-DDD	1	80.92	0.0007	ND	3
Endrin Aldehyde	1	80.92	0.0006	ND	NLE
4,4'-DDT	1	80.92	0.0014	0.003	2
Endosulfan-Sulfate	1	80.92	0.0005	ND	NLE
gamma -Chlordane	1	80.92	0.0006	ND	NLE
alpha-Chlordane	1	80.92	0.0006	ND	NLE
Toxaphene	1	80.92	0.0004	ND	0.1
Arochlor 1016	1	80.92	0.0138	ND	0.49
Arochlor 1221	1	80.92	0.0254	ND	0.49
Arochlor 1232	1	80.92	0.0173	ND	0.49
Arochlor 1242	1	80.92	0.0197	ND	0.49
Arochlor 1248	1	80.92	0.0079	ND	0.49
Arochlor 1254	1	80.92	0.0049	ND	0.49
Arochlor 1260	1	80.92	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 # :**	4179.12
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/11/99
	Bldg. 173	**Extraction Date:**	1/13/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/12/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	101

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	88.32	0.0003	ND	NLE
beta-BHC	1	88.32	0.0003	ND	NLE
gamma-BHC	1	88.32	0.0005	ND	0.52
delta-BHC	1	88.32	0.0005	ND	NLE
Heptachlor	1	88.32	0.0003	ND	0.15
Aldrin	1	88.32	0.0005	ND	0.04
Heptachlor Epoxide	1	88.32	0.0007	ND	NLE
Endosulfan I	1	88.32	0.0006	ND	NLE
4,4'-DDE	1	88.32	0.0005	0.066	2
Dieldrin	1	88.32	0.0006	ND	0.042
Endrin	1	88.32	0.0006	ND	17
Endosulfan II	1	88.32	0.0005	ND	NLE
4,4'-DDD	1	88.32	0.0007	0.061	3
Endrin Aldehyde	1	88.32	0.0006	ND	NLE
4,4'-DDT	5	88.32	0.0062	0.283	2
Endosulfan-Sulfate	1	88.32	0.0005	ND	NLE
gamma -Chlordane	1	88.32	0.0006	0.003	NLE
alpha-Chlordane	1	88.32	0.0006	0.002	NLE
Toxaphene	1	88.32	0.0003	ND	0.1
Arochlor 1016	1	88.32	0.0126	ND	0.49
Arochlor 1221	1	88.32	0.0232	ND	0.49
Arochlor 1232	1	88.32	0.0158	ND	0.49
Arochlor 1242	1	88.32	0.0180	ND	0.49
Arochlor 1248	1	88.32	0.0072	ND	0.49
Arochlor 1254	1	88.32	0.0045	ND	0.49
Arochlor 1260	1	88.32	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 # :**	4179.14
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/11/99
	Bldg. 173	**Extraction Date:**	1/13/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/12/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	102

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	83.75	0.0004	ND	NLE
beta-BHC	1	83.75	0.0004	ND	NLE
gamma-BHC	1	83.75	0.0005	ND	0.52
delta-BHC	1	83.75	0.0005	ND	NLE
Heptachlor	1	83.75	0.0004	ND	0.15
Aldrin	1	83.75	0.0005	ND	0.04
Heptachlor Epoxide	1	83.75	0.0007	ND	NLE
Endosulfan I	1	83.75	0.0006	ND	NLE
4,4'-DDE	1	83.75	0.0005	0.029	2
Dieldrin	1	83.75	0.0006	ND	0.042
Endrin	1	83.75	0.0006	ND	17
Endosulfan II	1	83.75	0.0005	ND	NLE
4,4'-DDD	1	83.75	0.0007	0.003	3
Endrin Aldehyde	1	83.75	0.0006	ND	NLE
4,4'-DDT	1	83.75	0.0013	0.029	2
Endosulfan-Sulfate	1	83.75	0.0005	ND	NLE
gamma -Chlordane	1	83.75	0.0006	ND	NLE
alpha-Chlordane	1	83.75	0.0006	ND	NLE
Toxaphene	1	83.75	0.0004	ND	0.1
Arochlor 1016	1	83.75	0.0132	ND	0.49
Arochlor 1221	1	83.75	0.0244	ND	0.49
Arochlor 1232	1	83.75	0.0166	ND	0.49
Arochlor 1242	1	83.75	0.0189	ND	0.49
Arochlor 1248	1	83.75	0.0076	ND	0.49
Arochlor 1254	1	83.75	0.0047	ND	0.49
Arochlor 1260	1	83.75	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 # :**	4179.16
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/11/99
	Bldg. 173	**Extraction Date:**	1/13/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/12/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	103

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	87.66	0.0003	ND	NLE
beta-BHC	1	87.66	0.0003	ND	NLE
gamma-BHC	1	87.66	0.0005	ND	0.52
delta-BHC	1	87.66	0.0005	ND	NLE
Heptachlor	1	87.66	0.0003	ND	0.15
Aldrin	1	87.66	0.0005	ND	0.04
Heptachlor Epoxide	1	87.66	0.0007	ND	NLE
Endosulfan I	1	87.66	0.0006	ND	NLE
4,4'-DDE	1	87.66	0.0005	0.020	2
Dieldrin	1	87.66	0.0006	ND	0.042
Endrin	1	87.66	0.0006	ND	17
Endosulfan II	1	87.66	0.0005	ND	NLE
4,4'-DDD	1	87.66	0.0007	0.002	3
Endrin Aldehyde	1	87.66	0.0006	ND	NLE
4,4'-DDT	1	87.66	0.0012	0.018	2
Endosulfan-Sulfate	1	87.66	0.0005	ND	NLE
gamma -Chlordane	1	87.66	0.0006	ND	NLE
alpha-Chlordane	1	87.66	0.0006	ND	NLE
Toxaphene	1	87.66	0.0003	ND	0.1
Arochlor 1016	1	87.66	0.0127	ND	0.49
Arochlor 1221	1	87.66	0.0233	ND	0.49
Arochlor 1232	1	87.66	0.0158	ND	0.49
Arochlor 1242	1	87.66	0.0181	ND	0.49
Arochlor 1248	1	87.66	0.0072	ND	0.49
Arochlor 1254	1	87.66	0.0045	ND	0.49
Arochlor 1260	1	87.66	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 # :**	4179.18
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/11/99
	Bldg. 173	**Extraction Date:**	1/13/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/12/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	104

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	90.63	0.0003	ND	NLE
beta-BHC	1	90.63	0.0003	ND	NLE
gamma-BHC	1	90.63	0.0004	ND	0.52
delta-BHC	1	90.63	0.0004	ND	NLE
Heptachlor	1	90.63	0.0003	ND	0.15
Aldrin	1	90.63	0.0004	ND	0.04
Heptachlor Epoxide	1	90.63	0.0007	ND	NLE
Endosulfan I	1	90.63	0.0005	ND	NLE
4,4'-DDE	1	90.63	0.0004	0.024	2
Dieldrin	1	90.63	0.0005	ND	0.042
Endrin	1	90.63	0.0005	ND	17
Endosulfan II	1	90.63	0.0004	ND	NLE
4,4'-DDD	1	90.63	0.0007	0.051	3
Endrin Aldehyde	1	90.63	0.0005	ND	NLE
4,4'-DDT	1	90.63	0.0012	0.005	2
Endosulfan-Sulfate	1	90.63	0.0004	ND	NLE
gamma -Chlordane	1	90.63	0.0005	ND	NLE
alpha-Chlordane	1	90.63	0.0005	ND	NLE
Toxaphene	1	90.63	0.0003	ND	0.1
Arochlor 1016	1	90.63	0.0123	ND	0.49
Arochlor 1221	1	90.63	0.0226	ND	0.49
Arochlor 1232	1	90.63	0.0154	ND	0.49
Arochlor 1242	1	90.63	0.0175	ND	0.49
Arochlor 1248	1	90.63	0.0070	ND	0.49
Arochlor 1254	1	90.63	0.0044	ND	0.49
Arochlor 1260	1	90.63	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 # :**	4179.20
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/11/99
	Bldg. 173	**Extraction Date:**	1/13/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/12/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	105

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	80.47	0.0004	ND	NLE
beta-BHC	1	80.47	0.0004	ND	NLE
gamma-BHC	1	80.47	0.0005	ND	0.52
delta-BHC	1	80.47	0.0005	ND	NLE
Heptachlor	1	80.47	0.0004	ND	0.15
Aldrin	1	80.47	0.0005	ND	0.04
Heptachlor Epoxide	1	80.47	0.0007	ND	NLE
Endosulfan I	1	80.47	0.0006	ND	NLE
4,4'-DDE	1	80.47	0.0005	0.013	2
Dieldrin	1	80.47	0.0006	ND	0.042
Endrin	1	80.47	0.0006	ND	17
Endosulfan II	1	80.47	0.0005	ND	NLE
4,4'-DDD	1	80.47	0.0007	0.006	3
Endrin Aldehyde	1	80.47	0.0006	ND	NLE
4,4'-DDT	1	80.47	0.0013	0.029	2
Endosulfan-Sulfate	1	80.47	0.0005	ND	NLE
gamma -Chlordane	1	80.47	0.0006	ND	NLE
alpha-Chlordane	1	80.47	0.0006	ND	NLE
Toxaphene	1	80.47	0.0004	ND	0.1
Arochlor 1016	1	80.47	0.0136	ND	0.49
Arochlor 1221	1	80.47	0.0249	ND	0.49
Arochlor 1232	1	80.47	0.0169	ND	0.49
Arochlor 1242	1	80.47	0.0194	ND	0.49
Arochlor 1248	1	80.47	0.0077	ND	0.49
Arochlor 1254	1	80.47	0.0048	ND	0.49
Arochlor 1260	1	80.47	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 # :**	4179.22
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/11/99
	Bldg. 173	**Extraction Date:**	1/13/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/12/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	106

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	84.18	0.0004	ND	NLE
beta-BHC	1	84.18	0.0004	ND	NLE
gamma-BHC	1	84.18	0.0005	ND	0.52
delta-BHC	1	84.18	0.0005	ND	NLE
Heptachlor	1	84.18	0.0004	ND	0.15
Aldrin	1	84.18	0.0005	ND	0.04
Heptachlor Epoxide	1	84.18	0.0007	ND	NLE
Endosulfan I	1	84.18	0.0006	ND	NLE
4,4'-DDE	1	84.18	0.0005	0.109	2
Dieldrin	1	84.18	0.0006	ND	0.042
Endrin	1	84.18	0.0006	ND	17
Endosulfan II	1	84.18	0.0005	ND	NLE
4,4'-DDD	1	84.18	0.0007	0.031	3
Endrin Aldehyde	1	84.18	0.0006	ND	NLE
4,4'-DDT	5	84.18	0.0065	0.355	2
Endosulfan-Sulfate	1	84.18	0.0005	ND	NLE
gamma -Chlordane	1	84.18	0.0006	ND	NLE
alpha-Chlordane	1	84.18	0.0006	ND	NLE
Toxaphene	1	84.18	0.0004	ND	0.1
Arochlor 1016	1	84.18	0.0132	ND	0.49
Arochlor 1221	1	84.18	0.0243	ND	0.49
Arochlor 1232	1	84.18	0.0165	ND	0.49
Arochlor 1242	1	84.18	0.0189	ND	0.49
Arochlor 1248	1	84.18	0.0076	ND	0.49
Arochlor 1254	1	84.18	0.0047	ND	0.49
Arochlor 1260	1	84.18	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 # :**	4184.02
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/12/99
	Bldg. 173	**Extraction Date:**	1/13/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/12/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	107

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	85.81	0.0003	ND	NLE
beta-BHC	1	85.81	0.0003	ND	NLE
gamma-BHC	1	85.81	0.0005	ND	0.52
delta-BHC	1	85.81	0.0005	ND	NLE
Heptachlor	1	85.81	0.0003	ND	0.15
Aldrin	1	85.81	0.0005	ND	0.04
Heptachlor Epoxide	1	85.81	0.0007	ND	NLE
Endosulfan I	1	85.81	0.0006	ND	NLE
4,4'-DDE	1	85.81	0.0005	0.040	2
Dieldrin	1	85.81	0.0006	ND	0.042
Endrin	1	85.81	0.0006	ND	17
Endosulfan II	1	85.81	0.0005	ND	NLE
4,4'-DDD	1	85.81	0.0007	0.025	3
Endrin Aldehyde	1	85.81	0.0006	ND	NLE
4,4'-DDT	2	85.81	0.0025	0.144	2
Endosulfan-Sulfate	1	85.81	0.0005	ND	NLE
gamma -Chlordane	1	85.81	0.0006	ND	NLE
alpha-Chlordane	1	85.81	0.0006	ND	NLE
Toxaphene	1	85.81	0.0003	ND	0.1
Arochlor 1016	1	85.81	0.0129	ND	0.49
Arochlor 1221	1	85.81	0.0238	ND	0.49
Arochlor 1232	1	85.81	0.0162	ND	0.49
Arochlor 1242	1	85.81	0.0185	ND	0.49
Arochlor 1248	1	85.81	0.0074	ND	0.49
Arochlor 1254	1	85.81	0.0046	ND	0.49
Arochlor 1260	1	85.81	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 # :**	4184.04
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/12/99
	Bldg. 173	**Extraction Date:**	1/13/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/12/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	108

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	84.82	0.0003	ND	NLE
beta-BHC	1	84.82	0.0003	ND	NLE
gamma-BHC	1	84.82	0.0005	ND	0.52
delta-BHC	1	84.82	0.0005	ND	NLE
Heptachlor	1	84.82	0.0003	ND	0.15
Aldrin	1	84.82	0.0005	ND	0.04
Heptachlor Epoxide	1	84.82	0.0007	ND	NLE
Endosulfan I	1	84.82	0.0006	ND	NLE
4,4'-DDE	1	84.82	0.0005	0.007	2
Dieldrin	1	84.82	0.0006	ND	0.042
Endrin	1	84.82	0.0006	ND	17
Endosulfan II	1	84.82	0.0005	ND	NLE
4,4'-DDD	1	84.82	0.0007	0.001	3
Endrin Aldehyde	1	84.82	0.0006	ND	NLE
4,4'-DDT	1	84.82	0.0013	0.006	2
Endosulfan-Sulfate	1	84.82	0.0005	ND	NLE
gamma -Chlordane	1	84.82	0.0006	ND	NLE
alpha-Chlordane	1	84.82	0.0006	ND	NLE
Toxaphene	1	84.82	0.0003	ND	0.1
Arochlor 1016	1	84.82	0.0129	ND	0.49
Arochlor 1221	1	84.82	0.0238	ND	0.49
Arochlor 1232	1	84.82	0.0162	ND	0.49
Arochlor 1242	1	84.82	0.0185	ND	0.49
Arochlor 1248	1	84.82	0.0074	ND	0.49
Arochlor 1254	1	84.82	0.0046	ND	0.49
Arochlor 1260	1	84.82	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 # :**	4184.06
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/12/99
	Bldg. 173	**Extraction Date:**	1/13/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/12/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	109

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	84.81	0.0004	ND	NLE
beta-BHC	1	84.81	0.0004	ND	NLE
gamma-BHC	1	84.81	0.0005	ND	0.52
delta-BHC	1	84.81	0.0005	ND	NLE
Heptachlor	1	84.81	0.0004	ND	0.15
Aldrin	1	84.81	0.0005	ND	0.04
Heptachlor Epoxide	1	84.81	0.0007	ND	NLE
Endosulfan I	1	84.81	0.0006	ND	NLE
4,4'-DDE	1	84.81	0.0005	0.001	2
Dieldrin	1	84.81	0.0006	ND	0.042
Endrin	1	84.81	0.0006	ND	17
Endosulfan II	1	84.81	0.0005	ND	NLE
4,4'-DDD	1	84.81	0.0007	ND	3
Endrin Aldehyde	1	84.81	0.0006	ND	NLE
4,4'-DDT	1	84.81	0.0013	ND	2
Endosulfan-Sulfate	1	84.81	0.0005	ND	NLE
gamma -Chlordane	1	84.81	0.0006	ND	NLE
alpha-Chlordane	1	84.81	0.0006	ND	NLE
Toxaphene	1	84.81	0.0004	ND	0.1
Arochlor 1016	1	84.81	0.0131	ND	0.49
Arochlor 1221	1	84.81	0.0241	ND	0.49
Arochlor 1232	1	84.81	0.0164	ND	0.49
Arochlor 1242	1	84.81	0.0187	ND	0.49
Arochlor 1248	1	84.81	0.0075	ND	0.49
Arochlor 1254	1	84.81	0.0047	ND	0.49
Arochlor 1260	1	84.81	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 # :**	4184.08
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/12/99
	Bldg. 173	**Extraction Date:**	1/13/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/12/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	110

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	92.15	0.0003	ND	NLE
beta-BHC	1	92.15	0.0003	ND	NLE
gamma-BHC	1	92.15	0.0004	ND	0.52
delta-BHC	1	92.15	0.0004	ND	NLE
Heptachlor	1	92.15	0.0003	ND	0.15
Aldrin	1	92.15	0.0004	ND	0.04
Heptachlor Epoxide	1	92.15	0.0006	ND	NLE
Endosulfan I	1	92.15	0.0005	ND	NLE
4,4'-DDE	1	92.15	0.0004	0.024	2
Dieldrin	1	92.15	0.0005	ND	0.042
Endrin	1	92.15	0.0005	ND	17
Endosulfan II	1	92.15	0.0004	ND	NLE
4,4'-DDD	1	92.15	0.0006	0.002	3
Endrin Aldehyde	1	92.15	0.0005	ND	NLE
4,4'-DDT	1	92.15	0.0012	0.012	2
Endosulfan-Sulfate	1	92.15	0.0004	ND	NLE
gamma -Chlordane	1	92.15	0.0005	ND	NLE
alpha-Chlordane	1	92.15	0.0005	ND	NLE
Toxaphene	1	92.15	0.0003	ND	0.1
Arochlor 1016	1	92.15	0.0121	ND	0.49
Arochlor 1221	1	92.15	0.0222	ND	0.49
Arochlor 1232	1	92.15	0.0151	ND	0.49
Arochlor 1242	1	92.15	0.0173	ND	0.49
Arochlor 1248	1	92.15	0.0069	ND	0.49
Arochlor 1254	1	92.15	0.0043	ND	0.49
Arochlor 1260	1	92.15	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 # :**	4184.10
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/12/99
	Bldg. 173	**Extraction Date:**	1/13/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/12/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	111

Pesticide/PCB	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	0.0007	ND	NLE
Endosulfan I	1	87.94	0.0006	ND	NLE
4,4'-DDE	1	87.94	0.0004	0.003	2
Dieldrin	1	87.94	0.0006	ND	0.042
Endrin	1	87.94	0.0006	ND	17
Endosulfan II	1	87.94	0.0004	ND	NLE
4,4'-DDD	1	87.94	0.0007	ND	3
Endrin Aldehyde	1	87.94	0.0006	ND	NLE
4,4'-DDT	1	87.94	0.0012	0.003	2
Endosulfan-Sulfate	1	87.94	0.0004	ND	NLE
gamma -Chlordane	1	87.94	0.0006	ND	NLE
alpha-Chlordane	1	87.94	0.0006	ND	NLE
Toxaphene	1	87.94	0.0003	ND	0.1
Arochlor 1016	1	87.94	0.0124	ND	0.49
Arochlor 1221	1	87.94	0.0229	ND	0.49
Arochlor 1232	1	87.94	0.0155	ND	0.49
Arochlor 1242	1	87.94	0.0178	ND	0.49
Arochlor 1248	1	87.94	0.0071	ND	0.49
Arochlor 1254	1	87.94	0.0044	ND	0.49
Arochlor 1260	1	87.94	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 # :**	4184.12
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/12/99
	Bldg. 173	**Extraction Date:**	1/13/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/12/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	112

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	94.14	0.0003	ND	NLE
beta-BHC	1	94.14	0.0003	ND	NLE
gamma-BHC	1	94.14	0.0004	ND	0.52
delta-BHC	1	94.14	0.0004	ND	NLE
Heptachlor	1	94.14	0.0003	ND	0.15
Aldrin	1	94.14	0.0004	ND	0.04
Heptachlor Epoxide	1	94.14	0.0006	ND	NLE
Endosulfan I	1	94.14	0.0005	ND	NLE
4,4'-DDE	5	94.14	0.0021	0.117	2
Dieldrin	1	94.14	0.0005	ND	0.042
Endrin	1	94.14	0.0005	ND	17
Endosulfan II	1	94.14	0.0004	ND	NLE
4,4'-DDD	5	94.14	0.0032	0.149	3
Endrin Aldehyde	1	94.14	0.0005	ND	NLE
4,4'-DDT	5	94.14	0.0058	0.509	2
Endosulfan-Sulfate	1	94.14	0.0004	ND	NLE
gamma -Chlordane	1	94.14	0.0005	ND	NLE
alpha-Chlordane	1	94.14	0.0005	ND	NLE
Toxaphene	1	94.14	0.0003	ND	0.1
Arochlor 1016	1	94.14	0.0118	ND	0.49
Arochlor 1221	1	94.14	0.0218	ND	0.49
Arochlor 1232	1	94.14	0.0148	ND	0.49
Arochlor 1242	1	94.14	0.0169	ND	0.49
Arochlor 1248	1	94.14	0.0068	ND	0.49
Arochlor 1254	1	94.14	0.0042	ND	0.49
Arochlor 1260	1	94.14	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 # :**	4189.02
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/13/99
	Bldg. 173	**Extraction Date:**	1/13/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/22/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	113

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	90.70	0.0065	ND	NLE
beta-BHC	20	90.70	0.0065	ND	NLE
gamma-BHC	20	90.70	0.0087	ND	0.52
delta-BHC	20	90.70	0.0087	ND	NLE
Heptachlor	20	90.70	0.0065	ND	0.15
Aldrin	20	90.70	0.0087	ND	0.04
Heptachlor Epoxide	20	90.70	0.0131	ND	NLE
Endosulfan I	20	90.70	0.0109	ND	NLE
4,4'-DDE	20	90.70	0.0087	0.046	2
Dieldrin	20	90.70	0.0109	ND	0.042
Endrin	20	90.70	0.0109	ND	17
Endosulfan II	20	90.70	0.0087	ND	NLE
4,4'-DDD	20	90.70	0.0131	ND	3
Endrin Aldehyde	20	90.70	0.0109	ND	NLE
4,4'-DDT	20	90.70	0.0240	0.036	2
Endosulfan-Sulfate	20	90.70	0.0087	ND	NLE
gamma -Chlordane	20	90.70	0.0109	ND	NLE
alpha-Chlordane	20	90.70	0.0109	ND	NLE
Toxaphene	20	90.70	0.0065	ND	0.1
Arochlor 1016	20	90.70	0.2445	ND	0.49
Arochlor 1221	20	90.70	0.4497	ND	0.49
Arochlor 1232	20	90.70	0.3057	ND	0.49
Arochlor 1242	20	90.70	0.3493	ND	0.49
Arochlor 1248	20	90.70	0.1397	ND	0.49
Arochlor 1254	20	90.70	0.0873	ND	0.49
Arochlor 1260	20	90.70	0.0786	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 # :**	4189.04
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/13/99
	Bldg. 173	**Extraction Date:**	1/13/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/22/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	114

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	82.97	0.0072	ND	NLE
beta-BHC	20	82.97	0.0072	ND	NLE
gamma-BHC	20	82.97	0.0095	ND	0.52
delta-BHC	20	82.97	0.0095	ND	NLE
Heptachlor	20	82.97	0.0072	ND	0.15
Aldrin	20	82.97	0.0095	ND	0.04
Heptachlor Epoxide	20	82.97	0.0143	ND	NLE
Endosulfan I	20	82.97	0.0119	ND	NLE
4,4'-DDE	20	82.97	0.0095	0.387	2
Dieldrin	20	82.97	0.0119	ND	0.042
Endrin	20	82.97	0.0119	ND	17
Endosulfan II	20	82.97	0.0095	ND	NLE
4,4'-DDD	20	82.97	0.0143	0.072	3
Endrin Aldehyde	20	82.97	0.0119	ND	NLE
4,4'-DDT	20	82.97	0.0262	0.466	2
Endosulfan-Sulfate	20	82.97	0.0095	ND	NLE
gamma -Chlordane	20	82.97	0.0119	ND	NLE
alpha-Chlordane	20	82.97	0.0119	ND	NLE
Toxaphene	20	82.97	0.0072	ND	0.1
Arochlor 1016	20	82.97	0.2670	ND	0.49
Arochlor 1221	20	82.97	0.4912	ND	0.49
Arochlor 1232	20	82.97	0.3338	ND	0.49
Arochlor 1242	20	82.97	0.3815	ND	0.49
Arochlor 1248	20	82.97	0.1526	ND	0.49
Arochlor 1254	20	82.97	0.0954	ND	0.49
Arochlor 1260	20	82.97	0.0858	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 # :**	4189.06
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/13/99
	Bldg. 173	**Extraction Date:**	1/20/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/25/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	115

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	85.98	0.0068	ND	NLE
beta-BHC	20	85.98	0.0068	ND	NLE
gamma-BHC	20	85.98	0.0091	ND	0.52
delta-BHC	20	85.98	0.0091	ND	NLE
Heptachlor	20	85.98	0.0068	ND	0.15
Aldrin	20	85.98	0.0091	ND	0.04
Heptachlor Epoxide	20	85.98	0.0137	ND	NLE
Endosulfan I	20	85.98	0.0114	ND	NLE
4,4'-DDE	20	85.98	0.0091	0.743	2
Dieldrin	20	85.98	0.0114	ND	0.042
Endrin	20	85.98	0.0114	ND	17
Endosulfan II	20	85.98	0.0091	ND	NLE
4,4'-DDD	20	85.98	0.0137	0.695	3
Endrin Aldehyde	20	85.98	0.0114	ND	NLE
4,4'-DDT	100	85.98	0.1253	4.142	2
Endosulfan-Sulfate	20	85.98	0.0091	ND	NLE
gamma -Chlordane	20	85.98	0.0114	ND	NLE
alpha-Chlordane	20	85.98	0.0114	ND	NLE
Toxaphene	20	85.98	0.0068	ND	0.1
Arochlor 1016	20	85.98	0.2552	ND	0.49
Arochlor 1221	20	85.98	0.4693	ND	0.49
Arochlor 1232	20	85.98	0.3190	ND	0.49
Arochlor 1242	20	85.98	0.3645	ND	0.49
Arochlor 1248	20	85.98	0.1458	ND	0.49
Arochlor 1254	20	85.98	0.0911	ND	0.49
Arochlor 1260	20	85.98	0.0820	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 # :**	4189.08
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/13/99
	Bldg. 173	**Extraction Date:**	1/20/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/24/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	116

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	84.67	0.0071	ND	NLE
beta-BHC	20	84.67	0.0071	ND	NLE
gamma-BHC	20	84.67	0.0094	ND	0.52
delta-BHC	20	84.67	0.0094	ND	NLE
Heptachlor	20	84.67	0.0071	ND	0.15
Aldrin	20	84.67	0.0094	ND	0.04
Heptachlor Epoxide	20	84.67	0.0142	ND	NLE
Endosulfan I	20	84.67	0.0118	ND	NLE
4,4'-DDE	20	84.67	0.0094	0.186	2
Dieldrin	20	84.67	0.0118	ND	0.042
Endrin	20	84.67	0.0118	ND	17
Endosulfan II	20	84.67	0.0094	ND	NLE
4,4'-DDD	20	84.67	0.0142	ND	3
Endrin Aldehyde	20	84.67	0.0118	ND	NLE
4,4'-DDT	20	84.67	0.0260	0.152	2
Endosulfan-Sulfate	20	84.67	0.0094	ND	NLE
gamma -Chlordane	20	84.67	0.0118	ND	NLE
alpha-Chlordane	20	84.67	0.0118	ND	NLE
Toxaphene	20	84.67	0.0071	ND	0.1
Arochlor 1016	20	84.67	0.2643	ND	0.49
Arochlor 1221	20	84.67	0.4861	ND	0.49
Arochlor 1232	20	84.67	0.3304	ND	0.49
Arochlor 1242	20	84.67	0.3776	ND	0.49
Arochlor 1248	20	84.67	0.1510	ND	0.49
Arochlor 1254	20	84.67	0.0944	ND	0.49
Arochlor 1260	20	84.67	0.0850	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 # :**	4189.10
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/13/99
	Bldg. 173	**Extraction Date:**	1/20/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/24/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	117

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	94.13	0.0063	ND	NLE
beta-BHC	20	94.13	0.0063	ND	NLE
gamma-BHC	20	94.13	0.0084	ND	0.52
delta-BHC	20	94.13	0.0084	ND	NLE
Heptachlor	20	94.13	0.0063	ND	0.15
Aldrin	20	94.13	0.0084	ND	0.04
Heptachlor Epoxide	20	94.13	0.0126	ND	NLE
Endosulfan I	20	94.13	0.0105	ND	NLE
4,4'-DDE	20	94.13	0.0084	0.155	2
Dieldrin	20	94.13	0.0105	ND	0.042
Endrin	20	94.13	0.0105	ND	17
Endosulfan II	20	94.13	0.0084	ND	NLE
4,4'-DDD	20	94.13	0.0126	0.015	3
Endrin Aldehyde	20	94.13	0.0105	ND	NLE
4,4'-DDT	20	94.13	0.0231	0.165	2
Endosulfan-Sulfate	20	94.13	0.0084	ND	NLE
gamma -Chlordane	20	94.13	0.0105	ND	NLE
alpha-Chlordane	20	94.13	0.0105	ND	NLE
Toxaphene	20	94.13	0.0063	ND	0.1
Arochlor 1016	20	94.13	0.2354	ND	0.49
Arochlor 1221	20	94.13	0.4329	ND	0.49
Arochlor 1232	20	94.13	0.2942	ND	0.49
Arochlor 1242	20	94.13	0.3363	ND	0.49
Arochlor 1248	20	94.13	0.1345	ND	0.49
Arochlor 1254	20	94.13	0.0841	ND	0.49
Arochlor 1260	20	94.13	0.0757	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 # :**	4189.12
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/13/99
	Bldg. 173	**Extraction Date:**	1/20/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/24/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	118

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	89.42	0.0066	ND	NLE
beta-BHC	20	89.42	0.0066	ND	NLE
gamma-BHC	20	89.42	0.0088	ND	0.52
delta-BHC	20	89.42	0.0088	ND	NLE
Heptachlor	20	89.42	0.0066	ND	0.15
Aldrin	20	89.42	0.0088	ND	0.04
Heptachlor Epoxide	20	89.42	0.0132	ND	NLE
Endosulfan I	20	89.42	0.0110	ND	NLE
4,4'-DDE	20	89.42	0.0088	0.094	2
Dieldrin	20	89.42	0.0110	0.013	0.042
Endrin	20	89.42	0.0110	ND	17
Endosulfan II	20	89.42	0.0088	ND	NLE
4,4'-DDD	20	89.42	0.0132	ND	3
Endrin Aldehyde	20	89.42	0.0110	ND	NLE
4,4'-DDT	20	89.42	0.0243	0.080	2
Endosulfan-Sulfate	20	89.42	0.0088	ND	NLE
gamma -Chlordane	20	89.42	0.0110	ND	NLE
alpha-Chlordane	20	89.42	0.0110	ND	NLE
Toxaphene	20	89.42	0.0066	ND	0.1
Arochlor 1016	20	89.42	0.2473	ND	0.49
Arochlor 1221	20	89.42	0.4548	ND	0.49
Arochlor 1232	20	89.42	0.3091	ND	0.49
Arochlor 1242	20	89.42	0.3533	ND	0.49
Arochlor 1248	20	89.42	0.1413	ND	0.49
Arochlor 1254	20	89.42	0.0883	ND	0.49
Arochlor 1260	20	89.42	0.0795	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 # :**	4189.14
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/13/99
	Bldg. 173	**Extraction Date:**	1/20/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/24/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-14
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	119

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	91.20	0.0065	ND	NLE
beta-BHC	20	91.20	0.0065	ND	NLE
gamma-BHC	20	91.20	0.0087	ND	0.52
delta-BHC	20	91.20	0.0087	ND	NLE
Heptachlor	20	91.20	0.0065	ND	0.15
Aldrin	20	91.20	0.0087	ND	0.04
Heptachlor Epoxide	20	91.20	0.0130	ND	NLE
Endosulfan I	20	91.20	0.0109	ND	NLE
4,4'-DDE	20	91.20	0.0087	0.136	2
Dieldrin	20	91.20	0.0109	ND	0.042
Endrin	20	91.20	0.0109	ND	17
Endosulfan II	20	91.20	0.0087	ND	NLE
4,4'-DDD	20	91.20	0.0130	0.022	3
Endrin Aldehyde	20	91.20	0.0109	ND	NLE
4,4'-DDT	20	91.20	0.0239	0.113	2
Endosulfan-Sulfate	20	91.20	0.0087	ND	NLE
gamma -Chlordane	20	91.20	0.0109	ND	NLE
alpha-Chlordane	20	91.20	0.0109	ND	NLE
Toxaphene	20	91.20	0.0065	ND	0.1
Arochlor 1016	20	91.20	0.2434	ND	0.49
Arochlor 1221	20	91.20	0.4477	ND	0.49
Arochlor 1232	20	91.20	0.3043	ND	0.49
Arochlor 1242	20	91.20	0.3477	ND	0.49
Arochlor 1248	20	91.20	0.1391	ND	0.49
Arochlor 1254	20	91.20	0.0869	ND	0.49
Arochlor 1260	20	91.20	0.0782	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 #: 4159
Sample Prepared: 01/05/99

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: Method Blank

TAL-METALS RESULTS SUMMARY (mg/L)

Element	Date Analyzed	Result	MDL
Aluminum	01/06/98	0.097	0.01
Antimony	01/06/98	0.003	0.002
Arsenic	01/06/98	ND	0.002
Barium	01/06/98	0.0009	0.0005
Beryllium	01/06/98	ND	0.0005
Cadmium	01/06/98	ND	0.0005
Calcium	01/06/98	0.302	0.02
Chromium	01/06/98	0.0009	0.0005
Cobalt	01/06/98	ND	0.0005
Copper	01/06/98	0.017	0.003
Iron	01/06/98	0.506	0.01
Lead	01/06/98	ND	0.002
Magnesium	01/06/98	0.247	0.02
Manganese	01/06/98	0.0021	0.0005
Mercury	12/31/98	ND	0.0001
Nickel	01/06/98	0.0028	0.0005
Potassium	01/06/98	ND	0.02
Selenium	01/06/98	ND	0.002
Silver	01/06/98	ND	0.003
Sodium	01/06/98	0.144	0.02
Thallium	01/06/98	ND	0.003
Vanadium	01/06/98	ND	0.001
Zinc	01/06/98	0.021	0.001

ND = Not Detected, MDL = Method Detection Limit

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 #: 4160
Sample Prepared: 01/05/99

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: Method Blank

TAL-METALS RESULTS SUMMARY (mg/L)

Element	Date of Analysis	Result	MDL
Aluminum	01/06/99	0.097	0.01
Antimony	01/06/99	0.003	0.002
Arsenic	01/06/99	ND	0.002
Barium	01/06/99	0.0009	0.0005
Beryllium	01/06/99	ND	0.0005
Cadmium	01/06/99	ND	0.0005
Calcium	01/06/99	0.302	0.02
Chromium	01/06/99	0.0009	0.0005
Cobalt	01/06/99	ND	0.0005
Copper	01/06/99	0.017	0.003
Iron	01/06/99	0.506	0.01
Lead	01/06/99	ND	0.002
Magnesium	01/06/99	0.247	0.02
Manganese	01/06/99	0.0021	0.0005
Mercury	01/06/99	ND	0.0001
Nickel	01/06/99	0.0028	0.0005
Potassium	01/06/99	ND	0.02
Selenium	01/06/99	ND	0.002
Silver	01/06/99	ND	0.003
Sodium	01/06/99	0.144	0.02
Thallium	01/06/99	ND	0.003
Vanadium	01/06/99	ND	0.001
Zinc	01/06/99	0.021	0.001

ND = Not Detected, MDL = Method Detection Limit

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 #: 4162
Sample Prepared: 01/05/99

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: Method Blank

TAL-METALS RESULTS SUMMARY (mg/L)

Element	Date Analyzed	Result	MDL
Aluminum	01/06/98	0.097	0.01
Antimony	01/06/98	0.003	0.002
Arsenic	01/06/98	ND	0.002
Barium	01/06/98	0.0009	0.0005
Beryllium	01/06/98	ND	0.0005
Cadmium	01/06/98	ND	0.0005
Calcium	01/06/98	0.302	0.02
Chromium	01/06/98	0.0009	0.0005
Cobalt	01/06/98	ND	0.0005
Copper	01/06/98	0.017	0.003
Iron	01/06/98	0.506	0.01
Lead	01/06/98	ND	0.002
Magnesium	01/06/98	0.247	0.02
Manganese	01/06/98	0.0021	0.0005
Mercury	01/06/99	ND	0.0001
Nickel	01/06/98	0.0028	0.0005
Potassium	01/06/98	ND	0.02
Selenium	01/06/98	ND	0.002
Silver	01/06/98	ND	0.003
Sodium	01/06/98	0.144	0.02
Thallium	01/06/98	ND	0.003
Vanadium	01/06/98	ND	0.001
Zinc	01/06/98	0.021	0.001

ND = Not Detected, MDL = Method Detection Limit

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 #: 4164
Sample Prepared: 01/05/99

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: Method Blank

TAL-METALS RESULTS SUMMARY (mg/L)

Element	Date of Analysis	Result	MDL
Aluminum	01/06/99	0.097	0.01
Antimony	01/06/99	0.003	0.002
Arsenic	01/06/99	ND	0.002
Barium	01/06/99	0.0009	0.0005
Beryllium	01/06/99	ND	0.0005
Cadmium	01/06/99	ND	0.0005
Calcium	01/06/99	0.302	0.02
Chromium	01/06/99	0.0009	0.0005
Cobalt	01/06/99	ND	0.0005
Copper	01/06/99	0.017	0.003
Iron	01/06/99	0.506	0.01
Lead	01/06/99	ND	0.002
Magnesium	01/06/99	0.247	0.02
Manganese	01/06/99	0.0021	0.0005
Mercury	01/06/99	ND	0.0001
Nickel	01/06/99	0.0028	0.0005
Potassium	01/06/99	ND	0.02
Selenium	01/06/99	ND	0.002
Silver	01/06/99	ND	0.003
Sodium	01/06/99	0.144	0.02
Thallium	01/06/99	ND	0.003
Vanadium	01/06/99	ND	0.001
Zinc	01/06/99	0.021	0.001

ND = Not Detected, MDL = Method Detection Limit

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 #: 4169
Sample Prepared: 01/12/99

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: Method Blank

TAL-METALS RESULTS SUMMARY (mg/L)

Element	Date of Analysis	Result	MDL
Aluminum	01/13/99	0.08	0.01
Antimony	01/13/99	ND	0.002
Arsenic	01/13/99	ND	0.002
Barium	01/13/99	0.0015	0.0005
Beryllium	01/13/99	ND	0.0005
Cadmium	01/13/99	ND	0.0005
Calcium	01/13/99	0.38	0.02
Chromium	01/13/99	0.0010	0.0005
Cobalt	01/13/99	ND	0.0005
Copper	01/13/99	0.031	0.003
Iron	01/13/99	0.14	0.01
Lead	01/13/99	ND	0.002
Magnesium	01/13/99	0.42	0.02
Manganese	01/13/99	0.0011	0.0005
Mercury	01/07/99	ND	0.0001
Nickel	01/13/99	0.0031	0.0005
Potassium	01/13/99	0.12	0.02
Selenium	01/13/99	ND	0.002
Silver	01/13/99	ND	0.003
Sodium	01/13/99	0.29	0.02
Thallium	01/13/99	ND	0.003
Vanadium	01/13/99	ND	0.001
Zinc	01/13/99	0.063	0.001

ND = Not Detected, MDL = Method Detection Limit

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 #: 4156
Sample Prepared: 01/05/99

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: Method Blank

TAL-METALS RESULTS SUMMARY (mg/L)

Element	Date Analyzed	Result	MDL
Aluminum	01/06/98	0.097	0.01
Antimony	01/06/98	0.003	0.002
Arsenic	01/06/98	ND	0.002
Barium	01/06/98	0.0009	0.0005
Beryllium	01/06/98	ND	0.0005
Cadmium	01/06/98	ND	0.0005
Calcium	01/06/98	0.302	0.02
Chromium	01/06/98	0.0009	0.0005
Cobalt	01/06/98	ND	0.0005
Copper	01/06/98	0.017	0.003
Iron	01/06/98	0.506	0.01
Lead	01/06/98	ND	0.002
Magnesium	01/06/98	0.247	0.02
Manganese	01/06/98	0.0021	0.0005
Mercury	12/31/98	ND	0.0001
Nickel	01/06/98	0.0028	0.0005
Potassium	01/06/98	ND	0.02
Selenium	01/06/98	ND	0.002
Silver	01/06/98	ND	0.003
Sodium	01/06/98	0.144	0.02
Thallium	01/06/98	ND	0.003
Vanadium	01/06/98	ND	0.001
Zinc	01/06/98	0.021	0.001

ND = Not Detected, MDL = Method Detection Limit

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 #: 4173
Sample Prepared: 01//99

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: Method Blank

TAL-METALS RESULTS SUMMARY (mg/L)

Element	Date of Analysis	Result	MDL
Aluminum	01/13/99	0.08	0.01
Antimony	01/13/99	ND	0.002
Arsenic	01/13/99	ND	0.002
Barium	01/13/99	0.0015	0.0005
Beryllium	01/13/99	ND	0.0005
Cadmium	01/13/99	ND	0.0005
Calcium	01/13/99	0.38	0.02
Chromium	01/13/99	0.0010	0.0005
Cobalt	01/13/99	ND	0.0005
Copper	01/13/99	0.031	0.003
Iron	01/13/99	0.14	0.01
Lead	01/13/99	ND	0.002
Magnesium	01/13/99	0.42	0.02
Manganese	01/13/99	0.0011	0.0005
Mercury	01/07/99	ND	0.0001
Nickel	01/13/99	0.0031	0.0005
Potassium	01/13/99	0.12	0.02
Selenium	01/13/99	ND	0.002
Silver	01/13/99	ND	0.003
Sodium	01/13/99	0.29	0.02
Thallium	01/13/99	ND	0.003
Vanadium	01/13/99	ND	0.001
Zinc	01/13/99	0.063	0.001

ND = Not Detected, MDL = Method Detection Limit

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 #: 4177
Sample Prepared: 01//99

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: Method Blank

TAL-METALS RESULTS SUMMARY (mg/L)

Element	Date of Analysis	Result	MDL
Aluminum	01/13/99	0.08	0.01
Antimony	01/13/99	ND	0.002
Arsenic	01/13/99	ND	0.002
Barium	01/13/99	0.0015	0.0005
Beryllium	01/13/99	ND	0.0005
Cadmium	01/13/99	ND	0.0005
Calcium	01/13/99	0.38	0.02
Chromium	01/13/99	0.0010	0.0005
Cobalt	01/13/99	ND	0.0005
Copper	01/13/99	0.031	0.003
Iron	01/13/99	0.14	0.01
Lead	01/13/99	ND	0.002
Magnesium	01/13/99	0.42	0.02
Manganese	01/13/99	0.0011	0.0005
Mercury	01/14/99	ND	0.0001
Nickel	01/13/99	0.0031	0.0005
Potassium	01/13/99	0.12	0.02
Selenium	01/13/99	ND	0.002
Silver	01/13/99	ND	0.003
Sodium	01/13/99	0.29	0.02
Thallium	01/13/99	ND	0.003
Vanadium	01/13/99	ND	0.001
Zinc	01/13/99	0.063	0.001

ND = Not Detected, MDL = Method Detection Limit

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 #: 4179
Sample Prepared: 01/12/99

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: Method Blank

TAL-METALS RESULTS SUMMARY (mg/L)

Element	Date of Analysis	Result	MDL
Aluminum	01/13/99	0.08	0.01
Antimony	01/13/99	ND	0.002
Arsenic	01/13/99	ND	0.002
Barium	01/13/99	0.0015	0.0005
Beryllium	01/13/99	ND	0.0005
Cadmium	01/13/99	ND	0.0005
Calcium	01/13/99	0.38	0.02
Chromium	01/13/99	0.0010	0.0005
Cobalt	01/13/99	ND	0.0005
Copper	01/13/99	0.031	0.003
Iron	01/13/99	0.14	0.01
Lead	01/13/99	ND	0.002
Magnesium	01/13/99	0.42	0.02
Manganese	01/13/99	0.0011	0.0005
Mercury	01/14/99	ND	0.0001
Nickel	01/13/99	0.0031	0.0005
Potassium	01/13/99	0.12	0.02
Selenium	01/13/99	ND	0.002
Silver	01/13/99	ND	0.003
Sodium	01/13/99	0.29	0.02
Thallium	01/13/99	ND	0.003
Vanadium	01/13/99	ND	0.001
Zinc	01/13/99	0.063	0.001

ND = Not Detected, MDL = Method Detection Limit

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 #: 4184
Sample Prepared: 01/22/99

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: Method Blank

TAL-METALS RESULTS SUMMARY (mg/L)

Element	Date of Analysis	Result	MDL
Aluminum	01/25/99	0.08	0.01
Antimony	01/25/99	0.003	0.002
Arsenic	01/25/99	ND	0.002
Barium	01/25/99	0.0021	0.0005
Beryllium	01/25/99	ND	0.0005
Cadmium	01/25/99	ND	0.0005
Calcium	01/25/99	0.41	0.02
Chromium	01/25/99	0.0010	0.0005
Cobalt	01/25/99	0.0005	0.0005
Copper	01/25/99	0.637	0.003
Iron	01/25/99	0.15	0.01
Lead	01/25/99	ND	0.002
Magnesium	01/25/99	0.34	0.02
Manganese	01/25/99	0.0006	0.0005
Mercury	01/14/99	ND	0.0001
Nickel	01/25/99	0.0038	0.0005
Potassium	01/25/99	0.11	0.02
Selenium	01/25/99	ND	0.002
Silver	01/25/99	ND	0.003
Sodium	01/25/99	0.32	0.02
Thallium	01/25/99	ND	0.003
Vanadium	01/25/99	ND	0.001
Zinc	01/25/99	0.016	0.001

ND = Not Detected, MDL = Method Detection Limit

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 #: 4189
Sample Prepared: 01/22/99

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: Method Blank

TAL-METALS RESULTS SUMMARY (mg/L)

Element	Date of Analysis	Result	MDL
Aluminum	01/25/99	0.08	0.01
Antimony	01/25/99	0.003	0.002
Arsenic	01/25/99	ND	0.002
Barium	01/25/99	0.0021	0.0005
Beryllium	01/25/99	ND	0.0005
Cadmium	01/25/99	ND	0.0005
Calcium	01/25/99	0.41	0.02
Chromium	01/25/99	0.0010	0.0005
Cobalt	01/25/99	0.0005	0.0005
Copper	01/25/99	0.637	0.003
Iron	01/25/99	0.15	0.01
Lead	01/25/99	ND	0.002
Magnesium	01/25/99	0.34	0.02
Manganese	01/25/99	0.0006	0.0005
Mercury	01/14/99	ND	0.0001
Nickel	01/25/99	0.0038	0.0005
Potassium	01/25/99	0.11	0.02
Selenium	01/25/99	ND	0.002
Silver	01/25/99	ND	0.003
Sodium	01/25/99	0.32	0.02
Thallium	01/25/99	ND	0.003
Vanadium	01/25/99	ND	0.001
Zinc	01/25/99	0.016	0.001

ND = Not Detected, MDL = Method Detection Limit

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 #: 4160.22
Sample Received: 12/29/98
Sample Matrix: Soil

Site: M-14
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	01/06/99	9740	NLE	2.34
Antimony	01/06/99	0.832	14	0.468
Arsenic	01/06/99	13.4	20	0.468
Barium	01/06/99	89.5	700	0.117
Beryllium	01/06/99	1.55	1	0.117
Cadmium	01/06/99	0.850	1	0.117
Calcium	01/06/99	7500	NLE	4.68
Chromium	01/06/99	.166	NLE	0.117
Cobalt	01/06/99	1.95	NLE	0.117
Copper	01/06/99	7.08	600	0.703
Iron	01/06/99	35000	NLE	2.34
Lead	01/06/99	15.0	100	0.468
Magnesium	01/06/99	3850	NLE	4.68
Manganese	01/06/99	28.5	NLE	0.117
Mercury	01/06/99	ND	14	0.022
Nickel	01/06/99	9.39	250	0.117
Potassium	01/06/99	9660	NLE	4.68
Selenium	01/06/99	1.97	63	0.703
Silver	01/06/99	ND	110	0.703
Sodium	01/06/99	213	NLE	4.68
Thallium	01/06/99	ND	2	0.703
Vanadium	01/06/99	70.5	370	0.234
Zinc	01/06/99	73.7	1500	0.234

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 #: 4164.20
Sample Received: 12/31/98
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: Field Dup, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	01/06/99	10100	NLE	2.53
Antimony	01/06/99	1.13	14	0.507
Arsenic	01/06/99	13.0	20	0.507
Barium	01/06/99	36.3	700	0.127
Beryllium	01/06/99	1.03	1	0.127
Cadmium	01/06/99	0.739	1	0.127
Calcium	01/06/99	830	NLE	5.07
Chromium	01/06/99	99.5	NLE	0.127
Cobalt	01/06/99	2.17	NLE	0.127
Copper	01/06/99	14.5	600	0.760
Iron	01/06/99	26000	NLE	2.53
Lead	01/06/99	20.8	100	0.507
Magnesium	01/06/99	2210	NLE	5.07
Manganese	01/06/99	23.9	NLE	0.127
Mercury	01/06/99	0.056	14	0.020
Nickel	01/06/99	8.27	250	0.127
Potassium	01/06/99	5310	NLE	5.07
Selenium	01/06/99	1.25	63	0.760
Silver	01/06/99	ND	110	0.760
Sodium	01/06/99	46.5	NLE	5.07
Thallium	01/06/99	ND	2	0.760
Vanadium	01/06/99	49.3	370	0.253
Zinc	01/06/99	62.8	1500	0.253

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 #: 4169.38
Sample Received: 01/05/99
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: Field Dup, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	01/13/99	16900	NLE	2.45
Antimony	01/13/99	1.97	14	0.490
Arsenic	01/13/99	20.8	20	0.490
Barium	01/13/99	90.5	700	0.122
Beryllium	01/13/99	1.72	1	0.122
Cadmium	01/13/99	2.10	1	0.122
Calcium	01/13/99	987	NLE	4.90
Chromium	01/13/99	199	NLE	0.122
Cobalt	01/13/99	1.51	NLE	0.122
Copper	01/13/99	55.3	600	0.735
Iron	01/13/99	43900	NLE	2.45
Lead	01/13/99	75.8	100	0.490
Magnesium	01/13/99	6020	NLE	4.90
Manganese	01/13/99	41.8	NLE	0.122
Mercury	01/07/99	2.89	14	0.023
Nickel	01/13/99	7.13	250	0.122
Potassium	01/13/99	13500	NLE	4.90
Selenium	01/13/99	1.11	63	0.735
Silver	01/13/99	5.00	110	0.735
Sodium	01/13/99	151	NLE	4.90
Thallium	01/13/99	ND	2	0.735
Vanadium	01/13/99	84.7	370	0.245
Zinc	01/13/99	113	1500	0.245

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 #: 4177.20
Sample Received: 01/07/99
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: Field Dup, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	01/13/99	10100	NLE	2.47
Antimony	01/13/99	ND	14	0.494
Arsenic	01/13/99	6.88	20	0.494
Barium	01/13/99	14.9	700	0.123
Beryllium	01/13/99	1.13	1	0.123
Cadmium	01/13/99	0.734	1	0.123
Calcium	01/13/99	294	NLE	4.94
Chromium	01/13/99	93.1	NLE	0.123
Cobalt	01/13/99	1.23	NLE	0.123
Copper	01/13/99	4.69	600	0.741
Iron	01/13/99	29600	NLE	2.47
Lead	01/13/99	5.14	100	0.494
Magnesium	01/13/99	3170	NLE	4.94
Manganese	01/13/99	24.8	NLE	0.123
Mercury	01/14/99	0.044	14	0.023
Nickel	01/13/99	5.04	250	0.123
Potassium	01/13/99	8490	NLE	4.94
Selenium	01/13/99	ND	63	0.741
Silver	01/13/99	ND	110	0.741
Sodium	01/13/99	95.6	NLE	4.94
Thallium	01/13/99	ND	2	0.741
Vanadium	01/13/99	47.8	370	0.247
Zinc	01/13/99	43.4	1500	0.247

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 #: 4189.16
Sample Received: 01/13/99
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: Field Dup, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	01/25/99	6590	NLE	2.18
Antimony	01/25/99	ND	14	0.437
Arsenic	01/25/99	6.05	20	0.437
Barium	01/25/99	18.0	700	0.109
Beryllium	01/25/99	0.630	1	0.109
Cadmium	01/25/99	0.334	1	0.109
Calcium	01/25/99	276	NLE	4.37
Chromium	01/25/99	71.0	NLE	0.109
Cobalt	01/25/99	0.84	NLE	0.109
Copper	01/25/99	7.75	600	0.655
Iron	01/25/99	17100	NLE	2.18
Lead	01/25/99	13.5	100	0.437
Magnesium	01/25/99	2210	NLE	4.37
Manganese	01/25/99	23.8	NLE	0.109
Mercury	01/14/99	0.051	14	0.023
Nickel	01/25/99	3.39	250	0.109
Potassium	01/25/99	4560	NLE	4.37
Selenium	01/25/99	0.959	63	0.655
Silver	01/25/99	ND	110	0.655
Sodium	01/25/99	62.2	NLE	4.37
Thallium	01/25/99	ND	2	0.655
Vanadium	01/25/99	32.1	370	0.218
Zinc	01/25/99	39.3	1500	0.218

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 #: 4156.02
Sample Received: 12/23/98
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-1, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	01/06/99	10200	NLE	2.012
Antimony	01/06/99	1.03	14	0.402
Arsenic	01/06/99	9.97	20	0.402
Barium	01/06/99	34.9	700	0.101
Beryllium	01/06/99	1.07	1	0.101
Cadmium	01/06/99	0.632	1	0.101
Calcium	01/06/99	518	NLE	4.024
Chromium	01/06/99	94.2	NLE	0.101
Cobalt	01/06/99	4.74	NLE	0.101
Copper	01/06/99	3.53	600	0.604
Iron	01/06/99	48200	NLE	2.012
Lead	01/06/99	11.0	100	0.402
Magnesium	01/06/99	1200	NLE	4.024
Manganese	01/06/99	150	NLE	0.101
Mercury	12/31/98	0.05	14	0.022
Nickel	01/06/99	15.8	250	0.101
Potassium	01/06/99	2180	NLE	4.024
Selenium	01/06/99	ND	63	0.604
Silver	01/06/99	ND	110	0.604
Sodium	01/06/99	310	NLE	4.024
Thallium	01/06/99	ND	2	0.604
Vanadium	01/06/99	138	370	0.201
Zinc	01/06/99	84.2	1500	0.201

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 #: 4156.04
Sample Received: 12/23/98
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-2, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	01/06/99	10600	NLE	2.125
Antimony	01/06/99	1.17	14	0.425
Arsenic	01/06/99	9.39	20	0.425
Barium	01/06/99	52.3	700	0.106
Beryllium	01/06/99	1.37	1	0.106
Cadmium	01/06/99	1.22	1	0.106
Calcium	01/06/99	1640	NLE	4.251
Chromium	01/06/99	95.0	NLE	0.106
Cobalt	01/06/99	3.25	NLE	0.106
Copper	01/06/99	15.5	600	0.638
Iron	01/06/99	30900	NLE	2.125
Lead	01/06/99	45.8	100	0.425
Magnesium	01/06/99	3190	NLE	4.251
Manganese	01/06/99	61.0	NLE	0.106
Mercury	12/31/98	0.11	14	0.024
Nickel	01/06/99	11.3	250	0.106
Potassium	01/06/99	6600	NLE	4.251
Selenium	01/06/99	0.762	63	0.638
Silver	01/06/99	ND	110	0.638
Sodium	01/06/99	155	NLE	4.251
Thallium	01/06/99	ND	2	0.638
Vanadium	01/06/99	56.0	370	0.213
Zinc	01/06/99	103	1500	0.213

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 #: 4156.06
Sample Received: 12/23/98
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-3, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	01/06/99	7420	NLE	2.183
Antimony	01/06/99	0.633	14	0.437
Arsenic	01/06/99	6.70	20	0.437
Barium	01/06/99	30.1	700	0.109
Beryllium	01/06/99	1.11	1	0.109
Cadmium	01/06/99	0.470	1	0.109
Calcium	01/06/99	1590	NLE	4.365
Chromium	01/06/99	99.2	NLE	0.109
Cobalt	01/06/99	2.62	NLE	0.109
Copper	01/06/99	14.2	600	0.655
Iron	01/06/99	24100	NLE	2.183
Lead	01/06/99	39.3	100	0.437
Magnesium	01/06/99	3150	NLE	4.365
Manganese	01/06/99	48.7	NLE	0.109
Mercury	12/31/98	0.11	14	0.024
Nickel	01/06/99	6.74	250	0.109
Potassium	01/06/99	6620	NLE	4.365
Selenium	01/06/99	1.28	63	0.655
Silver	01/06/99	ND	110	0.655
Sodium	01/06/99	228	NLE	4.365
Thallium	01/06/99	ND	2	0.655
Vanadium	01/06/99	47.3	370	0.218
Zinc	01/06/99	58.0	1500	0.218

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 #: 4156.08
Sample Received: 12/23/98
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-4, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	01/06/99	11500	NLE	1.710
Antimony	01/06/99	0.395	14	0.342
Arsenic	01/06/99	18.2	20	0.342
Barium	01/06/99	30.5	700	0.085
Beryllium	01/06/99	1.04	1	0.085
Cadmium	01/06/99	0.625	1	0.085
Calcium	01/06/99	697	NLE	3.420
Chromium	01/06/99	89.3	NLE	0.085
Cobalt	01/06/99	1.99	NLE	0.085
Copper	01/06/99	5.58	600	0.513
Iron	01/06/99	30900	NLE	1.710
Lead	01/06/99	16.9	100	0.342
Magnesium	01/06/99	3160	NLE	3.420
Manganese	01/06/99	51.8	NLE	0.085
Mercury	12/31/98	0.12	14	0.024
Nickel	01/06/99	6.91	250	0.085
Potassium	01/06/99	6610	NLE	3.420
Selenium	01/06/99	ND	63	0.513
Silver	01/06/99	ND	110	0.513
Sodium	01/06/99	96.7	NLE	3.420
Thallium	01/06/99	ND	2	0.513
Vanadium	01/06/99	58.9	370	0.171
Zinc	01/06/99	71.9	1500	0.171

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 #: 4156.10
Sample Received: 12/23/98
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-5, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	01/06/99	11700	NLE	2.146
Antimony	01/06/99	0.798	14	0.429
Arsenic	01/06/99	14.5	20	0.429
Barium	01/06/99	71.9	700	0.107
Beryllium	01/06/99	1.65	1	0.107
Cadmium	01/06/99	0.711	1	0.107
Calcium	01/06/99	1320	NLE	4.293
Chromium	01/06/99	169	NLE	0.107
Cobalt	01/06/99	1.98	NLE	0.107
Copper	01/06/99	7.72	600	0.644
Iron	01/06/99	39800	NLE	2.146
Lead	01/06/99	21.1	100	0.429
Magnesium	01/06/99	4950	NLE	4.293
Manganese	01/06/99	27.8	NLE	0.107
Mercury	12/31/98	0.12	14	0.026
Nickel	01/06/99	8.58	250	0.107
Potassium	01/06/99	11100	NLE	4.293
Selenium	01/06/99	2.19	63	0.644
Silver	01/06/99	ND	110	0.644
Sodium	01/06/99	157	NLE	4.293
Thallium	01/06/99	ND	2	0.644
Vanadium	01/06/99	82.1	370	0.215
Zinc	01/06/99	68.9	1500	0.215

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 #: 4156.12
Sample Received: 12/23/98
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-6, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	01/06/99	11900	NLE	2.338
Antimony	01/06/99	0.569	14	0.468
Arsenic	01/06/99	13.7	20	0.468
Barium	01/06/99	87.6	700	0.117
Beryllium	01/06/99	1.89	1	0.117
Cadmium	01/06/99	0.873	1	0.117
Calcium	01/06/99	8190	NLE	4.676
Chromium	01/06/99	179	NLE	0.117
Cobalt	01/06/99	2.58	NLE	0.117
Copper	01/06/99	7.43	600	0.701
Iron	01/06/99	38400	NLE	2.338
Lead	01/06/99	11.7	100	0.468
Magnesium	01/06/99	5370	NLE	4.676
Manganese	01/06/99	54.5	NLE	0.117
Mercury	12/31/98	0.07	14	0.022
Nickel	01/06/99	13.2	250	0.117
Potassium	01/06/99	16400	NLE	4.676
Selenium	01/06/99	2.18	63	0.701
Silver	01/06/99	ND	110	0.701
Sodium	01/06/99	360	NLE	4.676
Thallium	01/06/99	ND	2	0.701
Vanadium	01/06/99	77.1	370	0.234
Zinc	01/06/99	78.5	1500	0.234

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 #: 4159.02
Sample Received: 12/28/98
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-7, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	01/06/99	11700	NLE	2.198
Antimony	01/06/99	0.570	14	0.440
Arsenic	01/06/99	12.5	20	0.440
Barium	01/06/99	83.3	700	0.110
Beryllium	01/06/99	1.90	1	0.110
Cadmium	01/06/99	0.778	1	0.110
Calcium	01/06/99	5240	NLE	4.396
Chromium	01/06/99	211	NLE	0.110
Cobalt	01/06/99	1.59	NLE	0.110
Copper	01/06/99	6.79	600	0.659
Iron	01/06/99	45100	NLE	2.198
Lead	01/06/99	10.0	100	0.440
Magnesium	01/06/99	6280	NLE	4.396
Manganese	01/06/99	28.9	NLE	0.110
Mercury	12/31/98	0.06	14	0.023
Nickel	01/06/99	7.55	250	0.110
Potassium	01/06/99	14700	NLE	4.396
Selenium	01/06/99	1.39	63	0.659
Silver	01/06/99	ND	110	0.659
Sodium	01/06/99	167	NLE	4.396
Thallium	01/06/99	ND	2	0.659
Vanadium	01/06/99	82.8	370	0.220
Zinc	01/06/99	75.9	1500	0.220

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 #: 4159.04
Sample Received: 12/28/98
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-8, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	01/06/99	10800	NLE	2.166
Antimony	01/06/99	0.482	14	0.433
Arsenic	01/06/99	9.96	20	0.433
Barium	01/06/99	65.4	700	0.108
Beryllium	01/06/99	1.36	1	0.108
Cadmium	01/06/99	0.740	1	0.108
Calcium	01/06/99	3890	NLE	4.332
Chromium	01/06/99	140	NLE	0.108
Cobalt	01/06/99	1.94	NLE	0.108
Copper	01/06/99	14.0	600	0.650
Iron	01/06/99	31500	NLE	2.166
Lead	01/06/99	40.3	100	0.433
Magnesium	01/06/99	3940	NLE	4.332
Manganese	01/06/99	29.5	NLE	0.108
Mercury	12/31/98	0.10	14	0.023
Nickel	01/06/99	8.55	250	0.108
Potassium	01/06/99	8470	NLE	4.332
Selenium	01/06/99	1.49	63	0.650
Silver	01/06/99	ND	110	0.650
Sodium	01/06/99	229	NLE	4.332
Thallium	01/06/99	ND	2	0.650
Vanadium	01/06/99	66.3	370	0.217
Zinc	01/06/99	60.1	1500	0.217

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 #: 4159.06
Sample Received: 12/28/98
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-9, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	01/06/99	10200	NLE	1.865
Antimony	01/06/99	0.623	14	0.373
Arsenic	01/06/99	12.3	20	0.373
Barium	01/06/99	85.1	700	0.093
Beryllium	01/06/99	1.76	1	0.093
Cadmium	01/06/99	0.983	1	0.093
Calcium	01/06/99	4520	NLE	3.730
Chromium	01/06/99	190	NLE	0.093
Cobalt	01/06/99	1.45	NLE	0.093
Copper	01/06/99	8.04	600	0.560
Iron	01/06/99	40500	NLE	1.865
Lead	01/06/99	7.23	100	0.373
Magnesium	01/06/99	5670	NLE	3.730
Manganese	01/06/99	33.6	NLE	0.093
Mercury	12/31/98	0.06	14	0.026
Nickel	01/06/99	8.06	250	0.093
Potassium	01/06/99	13300	NLE	3.730
Selenium	01/06/99	1.88	63	0.560
Silver	01/06/99	ND	110	0.560
Sodium	01/06/99	496	NLE	3.730
Thallium	01/06/99	ND	2	0.560
Vanadium	01/06/99	76.4	370	0.187
Zinc	01/06/99	61.2	1500	0.187

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 #: 4159.08
Sample Received: 12/28/98
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-10, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	01/06/99	10000	NLE	2.372
Antimony	01/06/99	0.661	14	0.474
Arsenic	01/06/99	11.2	20	0.474
Barium	01/06/99	78.3	700	0.119
Beryllium	01/06/99	1.50	1	0.119
Cadmium	01/06/99	0.534	1	0.119
Calcium	01/06/99	5320	NLE	4.743
Chromium	01/06/99	165	NLE	0.119
Cobalt	01/06/99	1.80	NLE	0.119
Copper	01/06/99	6.37	600	0.712
Iron	01/06/99	36600	NLE	2.372
Lead	01/06/99	12.1	100	0.474
Magnesium	01/06/99	4810	NLE	4.743
Manganese	01/06/99	27.6	NLE	0.119
Mercury	12/31/98	0.05	14	0.024
Nickel	01/06/99	6.58	250	0.119
Potassium	01/06/99	11400	NLE	4.743
Selenium	01/06/99	1.71	63	0.712
Silver	01/06/99	ND	110	0.712
Sodium	01/06/99	257	NLE	4.743
Thallium	01/06/99	ND	2	0.712
Vanadium	01/06/99	71.2	370	0.237
Zinc	01/06/99	60.3	1500	0.237

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 #: 4159.10
Sample Received: 12/28/98
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-11, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	01/06/99	6820	NLE	2.279
Antimony	01/06/99	0.675	14	0.456
Arsenic	01/06/99	10.3	20	0.456
Barium	01/06/99	58.4	700	0.114
Beryllium	01/06/99	1.36	1	0.114
Cadmium	01/06/99	0.809	1	0.114
Calcium	01/06/99	3420	NLE	4.559
Chromium	01/06/99	107	NLE	0.114
Cobalt	01/06/99	1.91	NLE	0.114
Copper	01/06/99	6.89	600	0.684
Iron	01/06/99	24600	NLE	2.279
Lead	01/06/99	17.5	100	0.456
Magnesium	01/06/99	2930	NLE	4.559
Manganese	01/06/99	21.5	NLE	0.114
Mercury	12/31/98	0.07	14	0.022
Nickel	01/06/99	9.54	250	0.114
Potassium	01/06/99	6680	NLE	4.559
Selenium	01/06/99	1.83	63	0.684
Silver	01/06/99	ND	110	0.684
Sodium	01/06/99	556	NLE	4.559
Thallium	01/06/99	ND	2	0.684
Vanadium	01/06/99	44.7	370	0.228
Zinc	01/06/99	53.1	1500	0.228

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 #: 4159.12
Sample Received: 12/28/98
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-12, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	01/06/99	8430	NLE	2.414
Antimony	01/06/99	0.863	14	0.483
Arsenic	01/06/99	12.0	20	0.483
Barium	01/06/99	77.3	700	0.121
Beryllium	01/06/99	1.17	1	0.121
Cadmium	01/06/99	0.394	1	0.121
Calcium	01/06/99	5300	NLE	4.828
Chromium	01/06/99	129	NLE	0.121
Cobalt	01/06/99	1.30	NLE	0.121
Copper	01/06/99	6.83	600	0.724
Iron	01/06/99	29300	NLE	2.414
Lead	01/06/99	23.6	100	0.483
Magnesium	01/06/99	3420	NLE	4.828
Manganese	01/06/99	26.9	NLE	0.121
Mercury	12/31/98	0.09	14	0.023
Nickel	01/06/99	5.47	250	0.121
Potassium	01/06/99	7820	NLE	4.828
Selenium	01/06/99	1.72	63	0.724
Silver	01/06/99	ND	110	0.724
Sodium	01/06/99	132	NLE	4.828
Thallium	01/06/99	ND	2	0.724
Vanadium	01/06/99	58.7	370	0.241
Zinc	01/06/99	42.7	1500	0.241

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 #: 4159.14
Sample Received: 12/28/98
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-13, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	01/06/99	5870	NLE	2.321
Antimony	01/06/99	ND	14	0.464
Arsenic	01/06/99	10.8	20	0.464
Barium	01/06/99	66.3	700	0.116
Beryllium	01/06/99	0.952	1	0.116
Cadmium	01/06/99	0.381	1	0.116
Calcium	01/06/99	4910	NLE	4.641
Chromium	01/06/99	99.6	NLE	0.116
Cobalt	01/06/99	0.826	NLE	0.116
Copper	01/06/99	6.28	600	0.696
Iron	01/06/99	23800	NLE	2.321
Lead	01/06/99	10.7	100	0.464
Magnesium	01/06/99	2800	NLE	4.641
Manganese	01/06/99	17.1	NLE	0.116
Mercury	12/31/98	0.03	14	0.026
Nickel	01/06/99	4.88	250	0.116
Potassium	01/06/99	6240	NLE	4.641
Selenium	01/06/99	2.08	63	0.696
Silver	01/06/99	ND	110	0.696
Sodium	01/06/99	451	NLE	4.641
Thallium	01/06/99	ND	2	0.696
Vanadium	01/06/99	38.1	370	0.232
Zinc	01/06/99	41.1	1500	0.232

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 #: 4159.16
Sample Received: 12/28/98
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-14, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	01/06/99	9250	NLE	2.564
Antimony	01/06/99	0.619	14	0.513
Arsenic	01/06/99	12.2	20	0.513
Barium	01/06/99	68.6	700	0.128
Beryllium	01/06/99	1.24	1	0.128
Cadmium	01/06/99	0.519	1	0.128
Calcium	01/06/99	1070	NLE	5.129
Chromium	01/06/99	142	NLE	0.128
Cobalt	01/06/99	1.49	NLE	0.128
Copper	01/06/99	8.62	600	0.769
Iron	01/06/99	35700	NLE	2.564
Lead	01/06/99	20.1	100	0.513
Magnesium	01/06/99	3890	NLE	5.129
Manganese	01/06/99	27.2	NLE	0.128
Mercury	12/31/98	0.04	14	0.024
Nickel	01/06/99	6.63	250	0.128
Potassium	01/06/99	9260	NLE	5.129
Selenium	01/06/99	2.31	63	0.769
Silver	01/06/99	ND	110	0.769
Sodium	01/06/99	359	NLE	5.129
Thallium	01/06/99	ND	2	0.769
Vanadium	01/06/99	66.2	370	0.256
Zinc	01/06/99	56.8	1500	0.256

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 #: 4159.18
Sample Received: 12/28/98
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-15, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	01/06/99	4610	NLE	2.192
Antimony	01/06/99	0.612	14	0.438
Arsenic	01/06/99	7.57	20	0.438
Barium	01/06/99	48.9	700	0.110
Beryllium	01/06/99	0.825	1	0.110
Cadmium	01/06/99	0.332	1	0.110
Calcium	01/06/99	3020	NLE	4.385
Chromium	01/06/99	63.2	NLE	0.110
Cobalt	01/06/99	1.35	NLE	0.110
Copper	01/06/99	10.9	600	0.658
Iron	01/06/99	16800	NLE	2.192
Lead	01/06/99	25.6	100	0.438
Magnesium	01/06/99	1450	NLE	4.385
Manganese	01/06/99	13.8	NLE	0.110
Mercury	12/31/98	0.08	14	0.018
Nickel	01/06/99	5.00	250	0.110
Potassium	01/06/99	2920	NLE	4.385
Selenium	01/06/99	1.42	63	0.658
Silver	01/06/99	ND	110	0.658
Sodium	01/06/99	447	NLE	4.385
Thallium	01/06/99	ND	2	0.658
Vanadium	01/06/99	28.8	370	0.219
Zinc	01/06/99	39.4	1500	0.219

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 #: 4159.20
Sample Received: 12/28/98
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-16, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	01/06/99	5610	NLE	2.073
Antimony	01/06/99	0.643	14	0.415
Arsenic	01/06/99	9.56	20	0.415
Barium	01/06/99	64.1	700	0.104
Beryllium	01/06/99	1.02	1	0.104
Cadmium	01/06/99	0.548	1	0.104
Calcium	01/06/99	4580	NLE	4.145
Chromium	01/06/99	95.5	NLE	0.104
Cobalt	01/06/99	1.46	NLE	0.104
Copper	01/06/99	6.87	600	0.622
Iron	01/06/99	25100	NLE	2.073
Lead	01/06/99	17.1	100	0.415
Magnesium	01/06/99	2670	NLE	4.145
Manganese	01/06/99	19.5	NLE	0.104
Mercury	12/31/98	0.03	14	0.025
Nickel	01/06/99	6.78	250	0.104
Potassium	01/06/99	7030	NLE	4.145
Selenium	01/06/99	2.08	63	0.622
Silver	01/06/99	ND	110	0.622
Sodium	01/06/99	225	NLE	4.145
Thallium	01/06/99	ND	2	0.622
Vanadium	01/06/99	30.7	370	0.207
Zinc	01/06/99	63.1	1500	0.207

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 #: 4159.22
Sample Received: 12/28/98
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-17, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	01/06/99	6090	NLE	2.297
Antimony	01/06/99	0.604	14	0.459
Arsenic	01/06/99	6.30	20	0.459
Barium	01/06/99	49.9	700	0.115
Beryllium	01/06/99	1.02	1	0.115
Cadmium	01/06/99	0.486	1	0.115
Calcium	01/06/99	2840	NLE	4.594
Chromium	01/06/99	100	NLE	0.115
Cobalt	01/06/99	1.34	NLE	0.115
Copper	01/06/99	4.88	600	0.689
Iron	01/06/99	22900	NLE	2.297
Lead	01/06/99	8.62	100	0.459
Magnesium	01/06/99	2620	NLE	4.594
Manganese	01/06/99	21.2	NLE	0.115
Mercury	12/31/98	0.05	14	0.023
Nickel	01/06/99	5.90	250	0.115
Potassium	01/06/99	6140	NLE	4.594
Selenium	01/06/99	1.11	63	0.689
Silver	01/06/99	ND	110	0.689
Sodium	01/06/99	89.3	NLE	4.594
Thallium	01/06/99	ND	2	0.689
Vanadium	01/06/99	43.0	370	0.230
Zinc	01/06/99	43.9	1500	0.230

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 #: 4159.24
Sample Received: 12/28/98
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-18, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	01/06/99	11100	NLE	2.306
Antimony	01/06/99	1.01	14	0.461
Arsenic	01/06/99	8.28	20	0.461
Barium	01/06/99	60.8	700	0.115
Beryllium	01/06/99	1.32	1	0.115
Cadmium	01/06/99	6.29	1	0.115
Calcium	01/06/99	2170	NLE	4.611
Chromium	01/06/99	87.9	NLE	0.115
Cobalt	01/06/99	7.31	NLE	0.115
Copper	01/06/99	78.0	600	0.692
Iron	01/06/99	29600	NLE	2.306
Lead	01/06/99	30.2	100	0.461
Magnesium	01/06/99	3000	NLE	4.611
Manganese	01/06/99	296	NLE	0.115
Mercury	12/31/98	0.12	14	0.024
Nickel	01/06/99	23.3	250	0.115
Potassium	01/06/99	5890	NLE	4.611
Selenium	01/06/99	1.25	63	0.692
Silver	01/06/99	ND	110	0.692
Sodium	01/06/99	211	NLE	4.611
Thallium	01/06/99	ND	2	0.692
Vanadium	01/06/99	68.8	370	0.231
Zinc	01/06/99	113	1500	0.231

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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 #: 4159.26
Sample Received: 12/28/98
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-19, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	01/06/99	7600	NLE	1.880
Antimony	01/06/99	1.67	14	0.376
Arsenic	01/06/99	5.82	20	0.376
Barium	01/06/99	43.3	700	0.094
Beryllium	01/06/99	1.10	1	0.094
Cadmium	01/06/99	0.453	1	0.094
Calcium	01/06/99	1600	NLE	3.760
Chromium	01/06/99	100	NLE	0.094
Cobalt	01/06/99	1.29	NLE	0.094
Copper	01/06/99	6.07	600	0.564
Iron	01/06/99	20500	NLE	1.880
Lead	01/06/99	17.9	100	0.376
Magnesium	01/06/99	2310	NLE	3.760
Manganese	01/06/99	18.6	NLE	0.094
Mercury	12/31/98	0.06	14	0.021
Nickel	01/06/99	6.13	250	0.094
Potassium	01/06/99	5250	NLE	3.760
Selenium	01/06/99	1.06	63	0.564
Silver	01/06/99	ND	110	0.564
Sodium	01/06/99	105	NLE	3.760
Thallium	01/06/99	ND	2	0.564
Vanadium	01/06/99	49.4	370	0.188
Zinc	01/06/99	42.5	1500	0.188

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 #: 4160.02
Sample Received: 12/29/98
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-20, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	01/06/99	10000	NLE	2.25
Antimony	01/06/99	0.755	14	0.451
Arsenic	01/06/99	12.9	20	0.451
Barium	01/06/99	65.5	700	0.113
Beryllium	01/06/99	2.040	1	0.113
Cadmium	01/06/99	0.799	1	0.113
Calcium	01/06/99	8010	NLE	4.51
Chromium	01/06/99	215	NLE	0.113
Cobalt	01/06/99	1.68	NLE	0.113
Copper	01/06/99	4.00	600	0.676
Iron	01/06/99	45100	NLE	2.25
Lead	01/06/99	4.90	100	0.451
Magnesium	01/06/99	5960	NLE	4.51
Manganese	01/06/99	23.9	NLE	0.113
Mercury	01/06/99	0.034	14	0.023
Nickel	01/06/99	7.25	250	0.113
Potassium	01/06/99	15400	NLE	4.51
Selenium	01/06/99	2.19	63	0.676
Silver	01/06/99	ND	110	0.676
Sodium	01/06/99	99.8	NLE	4.51
Thallium	01/06/99	ND	2	0.676
Vanadium	01/06/99	65.4	370	0.225
Zinc	01/06/99	94.1	1500	0.225

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 #: 4160.04
Sample Received: 12/29/98
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-21, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	01/06/99	7330	NLE	2.39
Antimony	01/06/99	0.895	14	0.478
Arsenic	01/06/99	8.97	20	0.478
Barium	01/06/99	54.5	700	0.119
Beryllium	01/06/99	1.15	1	0.119
Cadmium	01/06/99	0.448	1	0.12
Calcium	01/06/99	999	NLE	4.777
Chromium	01/06/99	110	NLE	0.119
Cobalt	01/06/99	1.47	NLE	0.119
Copper	01/06/99	9.58	600	0.717
Iron	01/06/99	28400	NLE	2.39
Lead	01/06/99	19.3	100	0.478
Magnesium	01/06/99	2660	NLE	4.78
Manganese	01/06/99	18.4	NLE	0.119
Mercury	01/06/99	0.080	14	0.019
Nickel	01/06/99	5.97	250	0.119
Potassium	01/06/99	6430	NLE	4.78
Selenium	01/06/99	1.55	63	0.717
Silver	01/06/99	ND	110	0.717
Sodium	01/06/99	159	NLE	4.78
Thallium	01/06/99	ND	2	0.717
Vanadium	01/06/99	48.4	370	0.239
Zinc	01/06/99	66.8	1500	0.239

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 #: 4160.06
Sample Received: 12/29/98
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-22, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	01/06/99	7110	NLE	2.32
Antimony	01/06/99	0.728	14	0.464
Arsenic	01/06/99	11.8	20	0.464
Barium	01/06/99	69.4	700	0.116
Beryllium	01/06/99	1.20	1	0.116
Cadmium	01/06/99	0.672	1	0.116
Calcium	01/06/99	5680	NLE	4.64
Chromium	01/06/99	123	NLE	0.116
Cobalt	01/06/99	1.58	NLE	0.116
Copper	01/06/99	5.49	600	0.695
Iron	01/06/99	27900	NLE	2.32
Lead	01/06/99	12.6	100	0.464
Magnesium	01/06/99	3080	NLE	4.64
Manganese	01/06/99	20	NLE	0.116
Mercury	01/06/99	0.043	14	0.021
Nickel	01/06/99	7.53	250	0.116
Potassium	01/06/99	7560	NLE	4.64
Selenium	01/06/99	2.05	63	0.695
Silver	01/06/99	ND	110	0.695
Sodium	01/06/99	165	NLE	4.64
Thallium	01/06/99	ND	2	0.695
Vanadium	01/06/99	50.8	370	0.232
Zinc	01/06/99	60.4	1500	0.232

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 #: 4160.08
Sample Received: 12/29/98
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-23, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	01/06/99	9400	NLE	2.51
Antimony	01/06/99	0.929	14	0.502
Arsenic	01/06/99	13.4	20	0.502
Barium	01/06/99	84.2	700	0.125
Beryllium	01/06/99	1.50	1	0.125
Cadmium	01/06/99	0.782	1	0.125
Calcium	01/06/99	4670	NLE	5.02
Chromium	01/06/99	152	NLE	0.125
Cobalt	01/06/99	1.78	NLE	0.125
Copper	01/06/99	6.31	600	0.753
Iron	01/06/99	34500	NLE	2.51
Lead	01/06/99	22.8	100	0.502
Magnesium	01/06/99	3950	NLE	5.02
Manganese	01/06/99	31.2	NLE	0.125
Mercury	01/06/99	0.045	14	0.021
Nickel	01/06/99	9.38	250	0.125
Potassium	01/06/99	9830	NLE	5.02
Selenium	01/06/99	1.88	63	0.753
Silver	01/06/99	ND	110	0.753
Sodium	01/06/99	336	NLE	5.02
Thallium	01/06/99	ND	2	0.753
Vanadium	01/06/99	66.3	370	0.251
Zinc	01/06/99	59.7	1500	0.251

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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 #: 4160.10
Sample Received: 12/29/98
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-24, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	01/06/99	10000	NLE	1.95
Antimony	01/06/99	0.801	14	0.390
Arsenic	01/06/99	9.39	20	0.390
Barium	01/06/99	70.4	700	0.097
Beryllium	01/06/99	1.43	1	0.097
Cadmium	01/06/99	1.11	1	0.097
Calcium	01/06/99	3400	NLE	3.90
Chromium	01/06/99	135	NLE	0.097
Cobalt	01/06/99	2.44	NLE	0.097
Copper	01/06/99	8.92	600	0.584
Iron	01/06/99	30900	NLE	1.95
Lead	01/06/99	16.4	100	0.390
Magnesium	01/06/99	3350	NLE	3.90
Manganese	01/06/99	33.0	NLE	0.097
Mercury	01/06/99	0.057	14	0.019
Nickel	01/06/99	9.89	250	0.097
Potassium	01/06/99	8140	NLE	3.90
Selenium	01/06/99	1.49	63	0.584
Silver	01/06/99	ND	110	0.584
Sodium	01/06/99	373	NLE	3.90
Thallium	01/06/99	ND	2	0.584
Vanadium	01/06/99	63.4	370	0.195
Zinc	01/06/99	68.2	1500	0.195

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 #: 4160.12
Sample Received: 12/29/98
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-25, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	01/06/99	6970	NLE	2.46
Antimony	01/06/99	1.24	14	0.491
Arsenic	01/06/99	6.02	20	0.491
Barium	01/06/99	42.1	700	0.123
Beryllium	01/06/99	0.908	1	0.123
Cadmium	01/06/99	0.474	1	0.123
Calcium	01/06/99	507	NLE	4.91
Chromium	01/06/99	96.8	NLE	0.123
Cobalt	01/06/99	1.51	NLE	0.123
Copper	01/06/99	12.0	600	0.737
Iron	01/06/99	23100	NLE	2.46
Lead	01/06/99	17.6	100	0.491
Magnesium	01/06/99	2110	NLE	4.91
Manganese	01/06/99	19.6	NLE	0.123
Mercury	01/06/99	0.077	14	0.019
Nickel	01/06/99	5.36	250	0.123
Potassium	01/06/99	5000	NLE	4.91
Selenium	01/06/99	1.35	63	0.737
Silver	01/06/99	ND	110	0.737
Sodium	01/06/99	121	NLE	4.91
Thallium	01/06/99	ND	2	0.737
Vanadium	01/06/99	45.5	370	0.246
Zinc	01/06/99	46.3	1500	0.246

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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 #: 4160.14
Sample Received: 12/29/98
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-26, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	01/06/99	7970	NLE	2.03
Antimony	01/06/99	0.854	14	0.406
Arsenic	01/06/99	11.2	20	0.406
Barium	01/06/99	77.4	700	0.102
Beryllium	01/06/99	1.30	1	0.102
Cadmium	01/06/99	0.518	1	0.102
Calcium	01/06/99	3660	NLE	4.06
Chromium	01/06/99	159	NLE	0.102
Cobalt	01/06/99	1.08	NLE	0.102
Copper	01/06/99	5.78	600	0.609
Iron	01/06/99	35100	NLE	2.03
Lead	01/06/99	7.76	100	0.406
Magnesium	01/06/99	3990	NLE	4.06
Manganese	01/06/99	18.5	NLE	0.102
Mercury	01/06/99	ND	14	0.023
Nickel	01/06/99	4.58	250	0.102
Potassium	01/06/99	10600	NLE	4.06
Selenium	01/06/99	2.14	63	0.609
Silver	01/06/99	ND	110	0.609
Sodium	01/06/99	138	NLE	4.06
Thallium	01/06/99	ND	2	0.609
Vanadium	01/06/99	63.6	370	0.203
Zinc	01/06/99	55.2	1500	0.203

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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 #: 4160.16
Sample Received: 12/29/98
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-27, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	01/06/99	5250	NLE	2.27
Antimony	01/06/99	0.763	14	0.453
Arsenic	01/06/99	7.21	20	0.453
Barium	01/06/99	65.4	700	0.113
Beryllium	01/06/99	1.07	1	0.113
Cadmium	01/06/99	0.739	1	0.113
Calcium	01/06/99	5300	NLE	4.53
Chromium	01/06/99	85.2	NLE	0.113
Cobalt	01/06/99	3.05	NLE	0.113
Copper	01/06/99	3.93	600	0.680
Iron	01/06/99	19000	NLE	2.27
Lead	01/06/99	6.11	100	0.453
Magnesium	01/06/99	2160	NLE	4.53
Manganese	01/06/99	40.9	NLE	0.113
Mercury	01/06/99	ND	14	0.022
Nickel	01/06/99	10.2	250	0.113
Potassium	01/06/99	5200	NLE	4.53
Selenium	01/06/99	1.13	63	0.680
Silver	01/06/99	ND	110	0.680
Sodium	01/06/99	135	NLE	4.53
Thallium	01/06/99	ND	2	0.680
Vanadium	01/06/99	38.4	370	0.227
Zinc	01/06/99	56.5	1500	0.227

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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 #: 4160.18
Sample Received: 12/29/98
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-28, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	01/06/99	7640	NLE	2.38
Antimony	01/06/99	0.827	14	0.476
Arsenic	01/06/99	168	20	0.476
Barium	01/06/99	73.2	700	0.119
Beryllium	01/06/99	1.23	1	0.119
Cadmium	01/06/99	0.742	1	0.119
Calcium	01/06/99	6360	NLE	4.76
Chromium	01/06/99	143	NLE	0.119
Cobalt	01/06/99	1.47	NLE	0.119
Copper	01/06/99	5.70	600	0.713
Iron	01/06/99	37900	NLE	2.38
Lead	01/06/99	11.4	100	0.476
Magnesium	01/06/99	3620	NLE	4.76
Manganese	01/06/99	24.6	NLE	0.119
Mercury	01/06/99	ND	14	0.023
Nickel	01/06/99	6.76	250	0.119
Potassium	01/06/99	10200	NLE	4.76
Selenium	01/06/99	2.18	63	0.713
Silver	01/06/99	ND	110	0.713
Sodium	01/06/99	304	NLE	4.76
Thallium	01/06/99	ND	2	0.713
Vanadium	01/06/99	61.9	370	0.238
Zinc	01/06/99	46.0	1500	0.238

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 #: 4160.20
Sample Received: 12/29/98
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-29, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	01/06/99	7360	NLE	2.61
Antimony	01/06/99	0.984	14	0.522
Arsenic	01/06/99	9.69	20	0.522
Barium	01/06/99	55.0	700	0.130
Beryllium	01/06/99	1.32	1	0.130
Cadmium	01/06/99	0.461	1	0.130
Calcium	01/06/99	1050	NLE	5.22
Chromium	01/06/99	149	NLE	0.130
Cobalt	01/06/99	1.33	NLE	0.130
Copper	01/06/99	5.47	600	0.783
Iron	01/06/99	31600	NLE	2.61
Lead	01/06/99	7.14	100	0.522
Magnesium	01/06/99	3480	NLE	5.22
Manganese	01/06/99	19.0	NLE	0.130
Mercury	01/06/99	ND	14	0.022
Nickel	01/06/99	5.94	250	0.130
Potassium	01/06/99	8740	NLE	5.22
Selenium	01/06/99	2.31	63	0.783
Silver	01/06/99	ND	110	0.783
Sodium	01/06/99	112	NLE	5.22
Thallium	01/06/99	ND	2	0.783
Vanadium	01/06/99	59.3	370	0.261
Zinc	01/06/99	49.2	1500	0.261

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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 #: 4162.02
Sample Received: 12/30/98
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-30, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	01/06/99	10400	NLE	2.269
Antimony	01/06/99	1.27	14	0.454
Arsenic	01/06/99	19.9	20	0.454
Barium	01/06/99	70.7	700	0.113
Beryllium	01/06/99	1.43	1	0.113
Cadmium	01/06/99	0.789	1	0.113
Calcium	01/06/99	6460	NLE	4.538
Chromium	01/06/99	184	NLE	0.113
Cobalt	01/06/99	1.36	NLE	0.113
Copper	01/06/99	5.60	600	0.681
Iron	01/06/99	42100	NLE	2.269
Lead	01/06/99	13.2	100	0.454
Magnesium	01/06/99	4280	NLE	4.538
Manganese	01/06/99	26.1	NLE	0.113
Mercury	01/06/99	0.07	14	0.021
Nickel	01/06/99	6.20	250	0.113
Potassium	01/06/99	11200	NLE	4.538
Selenium	01/06/99	2.39	63	0.681
Silver	01/06/99	ND	110	0.681
Sodium	01/06/99	93.2	NLE	4.538
Thallium	01/06/99	ND	2	0.681
Vanadium	01/06/99	74.6	370	0.227
Zinc	01/06/99	59.2	1500	0.227

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 #: 4162.04
Sample Received: 12/30/98
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-31, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	01/06/99	9010	NLE	2.507
Antimony	01/06/99	1.03	14	0.501
Arsenic	01/06/99	11.8	20	0.501
Barium	01/06/99	82.8	700	0.125
Beryllium	01/06/99	1.59	1	0.125
Cadmium	01/06/99	0.761	1	0.125
Calcium	01/06/99	5550	NLE	5.014
Chromium	01/06/99	177	NLE	0.125
Cobalt	01/06/99	1.23	NLE	0.125
Copper	01/06/99	5.22	600	0.752
Iron	01/06/99	38600	NLE	2.507
Lead	01/06/99	11.7	100	0.501
Magnesium	01/06/99	4580	NLE	5.014
Manganese	01/06/99	23.8	NLE	0.125
Mercury	01/06/99	0.02	14	0.019
Nickel	01/06/99	7.44	250	0.125
Potassium	01/06/99	11800	NLE	5.014
Selenium	01/06/99	2.24	63	0.752
Silver	01/06/99	ND	110	0.752
Sodium	01/06/99	146	NLE	5.014
Thallium	01/06/99	ND	2	0.752
Vanadium	01/06/99	72.1	370	0.251
Zinc	01/06/99	52.9	1500	0.251

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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 #: 4162.06
Sample Received: 12/30/98
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-32, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	01/06/99	8600	NLE	2.368
Antimony	01/06/99	1.14	14	0.474
Arsenic	01/06/99	9.51	20	0.474
Barium	01/06/99	58.1	700	0.118
Beryllium	01/06/99	1.31	1	0.118
Cadmium	01/06/99	0.528	1	0.118
Calcium	01/06/99	2300	NLE	4.736
Chromium	01/06/99	144	NLE	0.118
Cobalt	01/06/99	1.50	NLE	0.118
Copper	01/06/99	4.90	600	0.710
Iron	01/06/99	32700	NLE	2.368
Lead	01/06/99	10.9	100	0.474
Magnesium	01/06/99	3480	NLE	4.736
Manganese	01/06/99	22.3	NLE	0.118
Mercury	01/06/99	0.03	14	0.017
Nickel	01/06/99	5.95	250	0.118
Potassium	01/06/99	9250	NLE	4.736
Selenium	01/06/99	1.45	63	0.710
Silver	01/06/99	ND	110	0.710
Sodium	01/06/99	118	NLE	4.736
Thallium	01/06/99	ND	2	0.710
Vanadium	01/06/99	59.7	370	0.237
Zinc	01/06/99	49.7	1500	0.237

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 #: 4162.08
Sample Received: 12/30/98
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-33, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	01/06/99	9570	NLE	2.091
Antimony	01/06/99	0.882	14	0.418
Arsenic	01/06/99	15.5	20	0.418
Barium	01/06/99	68.1	700	0.105
Beryllium	01/06/99	1.51	1	0.105
Cadmium	01/06/99	0.698	1	0.105
Calcium	01/06/99	943	NLE	4.183
Chromium	01/06/99	172	NLE	0.105
Cobalt	01/06/99	1.52	NLE	0.105
Copper	01/06/99	6.69	600	0.627
Iron	01/06/99	38300	NLE	2.091
Lead	01/06/99	12.4	100	0.418
Magnesium	01/06/99	4170	NLE	4.183
Manganese	01/06/99	26.7	NLE	0.105
Mercury	01/06/99	0.11	14	0.019
Nickel	01/06/99	6.88	250	0.105
Potassium	01/06/99	10900	NLE	4.183
Selenium	01/06/99	2.16	63	0.627
Silver	01/06/99	ND	110	0.627
Sodium	01/06/99	71.0	NLE	4.183
Thallium	01/06/99	ND	2	0.627
Vanadium	01/06/99	71.5	370	0.209
Zinc	01/06/99	63.5	1500	0.209

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 #: 4162.10
Sample Received: 12/30/98
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-34, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	01/06/99	6450	NLE	2.380
Antimony	01/06/99	1.07	14	0.476
Arsenic	01/06/99	10.0	20	0.476
Barium	01/06/99	44.7	700	0.119
Beryllium	01/06/99	1.25	1	0.119
Cadmium	01/06/99	0.750	1	0.119
Calcium	01/06/99	983	NLE	4.760
Chromium	01/06/99	103	NLE	0.119
Cobalt	01/06/99	1.52	NLE	0.119
Copper	01/06/99	9.31	600	0.714
Iron	01/06/99	25600	NLE	2.380
Lead	01/06/99	28.4	100	0.476
Magnesium	01/06/99	2130	NLE	4.760
Manganese	01/06/99	26.5	NLE	0.119
Mercury	01/06/99	0.07	14	0.016
Nickel	01/06/99	8.18	250	0.119
Potassium	01/06/99	5520	NLE	4.760
Selenium	01/06/99	1.52	63	0.714
Silver	01/06/99	ND	110	0.714
Sodium	01/06/99	35.2	NLE	4.760
Thallium	01/06/99	ND	2	0.714
Vanadium	01/06/99	47.3	370	0.238
Zinc	01/06/99	78.8	1500	0.238

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 #: 4162.12
Sample Received: 12/30/98
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-35, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	01/06/99	9220	NLE	2.445
Antimony	01/06/99	0.898	14	0.489
Arsenic	01/06/99	12.4	20	0.489
Barium	01/06/99	86.4	700	0.122
Beryllium	01/06/99	1.51	1	0.122
Cadmium	01/06/99	0.625	1	0.122
Calcium	01/06/99	4120	NLE	4.891
Chromium	01/06/99	176	NLE	0.122
Cobalt	01/06/99	1.62	NLE	0.122
Copper	01/06/99	7.07	600	0.734
Iron	01/06/99	38000	NLE	2.445
Lead	01/06/99	11.4	100	0.489
Magnesium	01/06/99	4170	NLE	4.891
Manganese	01/06/99	23.9	NLE	0.122
Mercury	01/06/99	0.05	14	0.020
Nickel	01/06/99	6.05	250	0.122
Potassium	01/06/99	11300	NLE	4.891
Selenium	01/06/99	2.21	63	0.734
Silver	01/06/99	ND	110	0.734
Sodium	01/06/99	53.0	NLE	4.891
Thallium	01/06/99	ND	2	0.734
Vanadium	01/06/99	70.7	370	0.245
Zinc	01/06/99	60.6	1500	0.245

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 #: 4162.14
Sample Received: 12/30/98
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-36, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	01/06/99	4630	NLE	2.565
Antimony	01/06/99	1.97	14	0.513
Arsenic	01/06/99	8.87	20	0.513
Barium	01/06/99	64.5	700	0.128
Beryllium	01/06/99	1.28	1	0.128
Cadmium	01/06/99	1.33	1	0.128
Calcium	01/06/99	1910	NLE	5.130
Chromium	01/06/99	67.9	NLE	0.128
Cobalt	01/06/99	15.0	NLE	0.128
Copper	01/06/99	15.4	600	0.770
Iron	01/06/99	17900	NLE	2.565
Lead	01/06/99	24.9	100	0.513
Magnesium	01/06/99	1360	NLE	5.130
Manganese	01/06/99	171	NLE	0.128
Mercury	01/06/99	0.04	14	0.023
Nickel	01/06/99	10.9	250	0.128
Potassium	01/06/99	3430	NLE	5.130
Selenium	01/06/99	1.75	63	0.770
Silver	01/06/99	ND	110	0.770
Sodium	01/06/99	65.9	NLE	5.130
Thallium	01/06/99	ND	2	0.770
Vanadium	01/06/99	30.2	370	0.257
Zinc	01/06/99	92.5	1500	0.257

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 #: 4162.16
Sample Received: 12/30/98
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-37, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	01/06/99	8380	NLE	2.057
Antimony	01/06/99	1.31	14	0.411
Arsenic	01/06/99	14.5	20	0.411
Barium	01/06/99	90.4	700	0.103
Beryllium	01/06/99	1.56	1	0.103
Cadmium	01/06/99	0.706	1	0.103
Calcium	01/06/99	3490	NLE	4.114
Chromium	01/06/99	166	NLE	0.103
Cobalt	01/06/99	1.36	NLE	0.103
Copper	01/06/99	5.86	600	0.617
Iron	01/06/99	37800	NLE	2.057
Lead	01/06/99	13.3	100	0.411
Magnesium	01/06/99	3870	NLE	4.114
Manganese	01/06/99	21.9	NLE	0.103
Mercury	01/06/99	0.04	14	0.014
Nickel	01/06/99	5.21	250	0.103
Potassium	01/06/99	10800	NLE	4.114
Selenium	01/06/99	2.40	63	0.617
Silver	01/06/99	ND	110	0.617
Sodium	01/06/99	67.7	NLE	4.114
Thallium	01/06/99	ND	2	0.617
Vanadium	01/06/99	54.7	370	0.206
Zinc	01/06/99	64.7	1500	0.206

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 #: 4162.18
Sample Received: 12/30/98
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-38, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	01/06/99	4550	NLE	2.490
Antimony	01/06/99	0.990	14	0.498
Arsenic	01/06/99	11.6	20	0.498
Barium	01/06/99	60.9	700	0.124
Beryllium	01/06/99	0.872	1	0.124
Cadmium	01/06/99	0.351	1	0.124
Calcium	01/06/99	914	NLE	4.980
Chromium	01/06/99	84.9	NLE	0.124
Cobalt	01/06/99	1.29	NLE	0.124
Copper	01/06/99	6.86	600	0.747
Iron	01/06/99	23000	NLE	2.490
Lead	01/06/99	16.2	100	0.498
Magnesium	01/06/99	1800	NLE	4.980
Manganese	01/06/99	15.2	NLE	0.124
Mercury	01/06/99	0.05	14	0.023
Nickel	01/06/99	4.80	250	0.124
Potassium	01/06/99	4960	NLE	4.980
Selenium	01/06/99	1.98	63	0.747
Silver	01/06/99	ND	110	0.747
Sodium	01/06/99	66.4	NLE	4.980
Thallium	01/06/99	ND	2	0.747
Vanadium	01/06/99	29.6	370	0.249
Zinc	01/06/99	38.0	1500	0.249

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 #: 4162.20
Sample Received: 12/30/98
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-39, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	01/06/99	4090	NLE	2.096
Antimony	01/06/99	0.783	14	0.419
Arsenic	01/06/99	9.61	20	0.419
Barium	01/06/99	72.5	700	0.105
Beryllium	01/06/99	0.831	1	0.105
Cadmium	01/06/99	0.428	1	0.105
Calcium	01/06/99	4090	NLE	4.193
Chromium	01/06/99	68.8	NLE	0.105
Cobalt	01/06/99	1.46	NLE	0.105
Copper	01/06/99	6.04	600	0.629
Iron	01/06/99	18800	NLE	2.096
Lead	01/06/99	13.9	100	0.419
Magnesium	01/06/99	1470	NLE	4.193
Manganese	01/06/99	17.9	NLE	0.105
Mercury	01/06/99	0.07	14	0.021
Nickel	01/06/99	4.99	250	0.105
Potassium	01/06/99	4090	NLE	4.193
Selenium	01/06/99	1.86	63	0.629
Silver	01/06/99	ND	110	0.629
Sodium	01/06/99	86.7	NLE	4.193
Thallium	01/06/99	ND	2	0.629
Vanadium	01/06/99	25.5	370	0.210
Zinc	01/06/99	45.0	1500	0.210

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 #: 4162.22
Sample Received: 12/30/98
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-40, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	01/06/99	8650	NLE	2.300
Antimony	01/06/99	1.18	14	0.460
Arsenic	01/06/99	12.6	20	0.460
Barium	01/06/99	70.3	700	0.115
Beryllium	01/06/99	1.33	1	0.115
Cadmium	01/06/99	0.704	1	0.115
Calcium	01/06/99	997	NLE	4.601
Chromium	01/06/99	153	NLE	0.115
Cobalt	01/06/99	1.37	NLE	0.115
Copper	01/06/99	8.34	600	0.690
Iron	01/06/99	34300	NLE	2.300
Lead	01/06/99	18.6	100	0.460
Magnesium	01/06/99	3380	NLE	4.601
Manganese	01/06/99	23.8	NLE	0.115
Mercury	01/06/99	0.06	14	0.020
Nickel	01/06/99	6.05	250	0.115
Potassium	01/06/99	9200	NLE	4.601
Selenium	01/06/99	2.19	63	0.690
Silver	01/06/99	ND	110	0.690
Sodium	01/06/99	100	NLE	4.601
Thallium	01/06/99	ND	2	0.690
Vanadium	01/06/99	62.3	370	0.230
Zinc	01/06/99	59.6	1500	0.230

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 #: 4162.24
Sample Received: 12/30/98
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-41, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	01/06/99	7360	NLE	1.745
Antimony	01/06/99	0.722	14	0.349
Arsenic	01/06/99	11.7	20	0.349
Barium	01/06/99	70.2	700	0.087
Beryllium	01/06/99	1.17	1	0.087
Cadmium	01/06/99	0.551	1	0.087
Calcium	01/06/99	1010	NLE	3.490
Chromium	01/06/99	133	NLE	0.087
Cobalt	01/06/99	1.41	NLE	0.087
Copper	01/06/99	6.08	600	0.523
Iron	01/06/99	27800	NLE	1.745
Lead	01/06/99	20.1	100	0.349
Magnesium	01/06/99	2680	NLE	3.490
Manganese	01/06/99	19.3	NLE	0.087
Mercury	01/06/99	0.07	14	0.022
Nickel	01/06/99	5.61	250	0.087
Potassium	01/06/99	7500	NLE	3.490
Selenium	01/06/99	1.81	63	0.523
Silver	01/06/99	ND	110	0.523
Sodium	01/06/99	55.3	NLE	3.490
Thallium	01/06/99	ND	2	0.523
Vanadium	01/06/99	46.2	370	0.174
Zinc	01/06/99	54.7	1500	0.174

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 #: 4162.26
Sample Received: 12/30/98
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-42, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	01/06/99	9370	NLE	2.296
Antimony	01/06/99	0.954	14	0.459
Arsenic	01/06/99	9.31	20	0.459
Barium	01/06/99	56.8	700	0.115
Beryllium	01/06/99	1.41	1	0.115
Cadmium	01/06/99	0.632	1	0.115
Calcium	01/06/99	3680	NLE	4.592
Chromium	01/06/99	179	NLE	0.115
Cobalt	01/06/99	0.892	NLE	0.115
Copper	01/06/99	5.34	600	0.689
Iron	01/06/99	38000	NLE	2.296
Lead	01/06/99	7.66	100	0.459
Magnesium	01/06/99	4080	NLE	4.592
Manganese	01/06/99	23.3	NLE	0.115
Mercury	01/06/99	0.04	14	0.023
Nickel	01/06/99	5.07	250	0.115
Potassium	01/06/99	11700	NLE	4.592
Selenium	01/06/99	1.83	63	0.689
Silver	01/06/99	ND	110	0.689
Sodium	01/06/99	138	NLE	4.592
Thallium	01/06/99	ND	2	0.689
Vanadium	01/06/99	64.0	370	0.230
Zinc	01/06/99	92.8	1500	0.230

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 #: 4162.28
Sample Received: 12/30/98
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-43, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	01/06/99	11000	NLE	2.075
Antimony	01/06/99	0.760	14	0.415
Arsenic	01/06/99	11.9	20	0.415
Barium	01/06/99	120	700	0.104
Beryllium	01/06/99	1.89	1	0.104
Cadmium	01/06/99	0.953	1	0.104
Calcium	01/06/99	7320	NLE	4.150
Chromium	01/06/99	235	NLE	0.104
Cobalt	01/06/99	2.03	NLE	0.104
Copper	01/06/99	6.75	600	0.623
Iron	01/06/99	42400	NLE	2.075
Lead	01/06/99	8.59	100	0.415
Magnesium	01/06/99	5070	NLE	4.150
Manganese	01/06/99	42.6	NLE	0.104
Mercury	01/06/99	0.03	14	0.023
Nickel	01/06/99	8.93	250	0.104
Potassium	01/06/99	14300	NLE	4.150
Selenium	01/06/99	2.59	63	0.623
Silver	01/06/99	ND	110	0.623
Sodium	01/06/99	224	NLE	4.150
Thallium	01/06/99	ND	2	0.623
Vanadium	01/06/99	81.3	370	0.208
Zinc	01/06/99	77.7	1500	0.208

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 #: 4162.30
Sample Received: 12/30/98
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-44, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	01/06/99	9190	NLE	2.346
Antimony	01/06/99	1.23	14	0.469
Arsenic	01/06/99	11.1	20	0.469
Barium	01/06/99	77.4	700	0.117
Beryllium	01/06/99	1.39	1	0.117
Cadmium	01/06/99	0.704	1	0.117
Calcium	01/06/99	1370	NLE	4.692
Chromium	01/06/99	145	NLE	0.117
Cobalt	01/06/99	1.61	NLE	0.117
Copper	01/06/99	5.48	600	0.704
Iron	01/06/99	32900	NLE	2.346
Lead	01/06/99	22.8	100	0.469
Magnesium	01/06/99	3090	NLE	4.692
Manganese	01/06/99	28.2	NLE	0.117
Mercury	01/06/99	0.06	14	0.021
Nickel	01/06/99	6.82	250	0.117
Potassium	01/06/99	8680	NLE	4.692
Selenium	01/06/99	1.82	63	0.704
Silver	01/06/99	ND	110	0.704
Sodium	01/06/99	90.2	NLE	4.692
Thallium	01/06/99	ND	2	0.704
Vanadium	01/06/99	61.9	370	0.235
Zinc	01/06/99	55.3	1500	0.235

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 #: 4164.02
Sample Received: 12/31/98
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-45, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	01/06/99	7900	NLE	2.54
Antimony	01/06/99	1.40	14	0.508
Arsenic	01/06/99	12.7	20	0.508
Barium	01/06/99	57.3	700	0.127
Beryllium	01/06/99	1.26	1	0.127
Cadmium	01/06/99	0.747	1	0.127
Calcium	01/06/99	1350	NLE	5.08
Chromium	01/06/99	140	NLE	0.127
Cobalt	01/06/99	1.80	NLE	0.127
Copper	01/06/99	7.01	600	0.762
Iron	01/06/99	32100	NLE	2.54
Lead	01/06/99	16.0	100	0.508
Magnesium	01/06/99	2980	NLE	5.08
Manganese	01/06/99	44.3	NLE	0.127
Mercury	01/06/99	0.060	14	0.019
Nickel	01/06/99	8.41	250	0.127
Potassium	01/06/99	8220	NLE	5.08
Selenium	01/06/99	1.72	63	0.762
Silver	01/06/99	ND	110	0.762
Sodium	01/06/99	53.0	NLE	5.08
Thallium	01/06/99	ND	2	0.762
Vanadium	01/06/99	57.8	370	0.254
Zinc	01/06/99	82.3	1500	0.254

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 #: 4164.04
Sample Received: 12/31/98
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-46, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	01/06/99	10300	NLE	2.62
Antimony	01/06/99	1.19	14	0.524
Arsenic	01/06/99	12.7	20	0.524
Barium	01/06/99	77.4	700	0.131
Beryllium	01/06/99	1.91	1	0.131
Cadmium	01/06/99	1.47	1	0.13
Calcium	01/06/99	3880	NLE	5.239
Chromium	01/06/99	198	NLE	0.131
Cobalt	01/06/99	3.23	NLE	0.131
Copper	01/06/99	6.50	600	0.786
Iron	01/06/99	40900	NLE	2.62
Lead	01/06/99	19.6	100	0.524
Magnesium	01/06/99	4200	NLE	5.24
Manganese	01/06/99	43.2	NLE	0.131
Mercury	01/06/99	0.049	14	0.022
Nickel	01/06/99	27.7	250	0.131
Potassium	01/06/99	11900	NLE	5.24
Selenium	01/06/99	1.91	63	0.786
Silver	01/06/99	ND	110	0.786
Sodium	01/06/99	107	NLE	5.24
Thallium	01/06/99	ND	2	0.786
Vanadium	01/06/99	67.0	370	0.262
Zinc	01/06/99	79.0	1500	0.262

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 #: 4164.06
Sample Received: 12/31/98
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-47, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	01/06/99	9520	NLE	2.61
Antimony	01/06/99	0.932	14	0.522
Arsenic	01/06/99	14.2	20	0.522
Barium	01/06/99	83.1	700	0.130
Beryllium	01/06/99	1.61	1	0.130
Cadmium	01/06/99	0.701	1	0.130
Calcium	01/06/99	7000	NLE	5.22
Chromium	01/06/99	197	NLE	0.130
Cobalt	01/06/99	1.55	NLE	0.130
Copper	01/06/99	4.95	600	0.783
Iron	01/06/99	40400	NLE	2.61
Lead	01/06/99	7.92	100	0.522
Magnesium	01/06/99	4210	NLE	5.22
Manganese	01/06/99	25.4	NLE	0.130
Mercury	01/06/99	0.044	14	0.021
Nickel	01/06/99	6.53	250	0.130
Potassium	01/06/99	12400	NLE	5.22
Selenium	01/06/99	2.24	63	0.783
Silver	01/06/99	ND	110	0.783
Sodium	01/06/99	112	NLE	5.22
Thallium	01/06/99	ND	2	0.783
Vanadium	01/06/99	61.2	370	0.261
Zinc	01/06/99	76.2	1500	0.261

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 #: 4164.08
Sample Received: 12/31/98
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-48, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	01/06/99	5870	NLE	2.59
Antimony	01/06/99	1.86	14	0.519
Arsenic	01/06/99	8.06	20	0.519
Barium	01/06/99	71.4	700	0.130
Beryllium	01/06/99	0.808	1	0.130
Cadmium	01/06/99	0.587	1	0.130
Calcium	01/06/99	1210	NLE	5.19
Chromium	01/06/99	20.3	NLE	0.130
Cobalt	01/06/99	7.19	NLE	0.130
Copper	01/06/99	44.1	600	0.778
Iron	01/06/99	12700	NLE	2.59
Lead	01/06/99	19.4	100	0.519
Magnesium	01/06/99	263	NLE	5.19
Manganese	01/06/99	69.7	NLE	0.130
Mercury	01/06/99	0.048	14	0.022
Nickel	01/06/99	22.8	250	0.130
Potassium	01/06/99	677	NLE	5.19
Selenium	01/06/99	1.75	63	0.778
Silver	01/06/99	ND	110	0.778
Sodium	01/06/99	198	NLE	5.19
Thallium	01/06/99	ND	2	0.778
Vanadium	01/06/99	27.1	370	0.259
Zinc	01/06/99	44.1	1500	0.259

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 #: 4164.10
Sample Received: 12/31/98
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-49, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	01/06/99	12000	NLE	2.63
Antimony	01/06/99	1.07	14	0.525
Arsenic	01/06/99	16.8	20	0.525
Barium	01/06/99	57.7	700	0.131
Beryllium	01/06/99	0.910	1	0.131
Cadmium	01/06/99	0.804	1	0.131
Calcium	01/06/99	950	NLE	5.25
Chromium	01/06/99	110	NLE	0.131
Cobalt	01/06/99	1.81	NLE	0.131
Copper	01/06/99	27.0	600	0.788
Iron	01/06/99	27500	NLE	2.63
Lead	01/06/99	32.1	100	0.525
Magnesium	01/06/99	2460	NLE	5.25
Manganese	01/06/99	77.3	NLE	0.131
Mercury	01/06/99	0.048	14	0.023
Nickel	01/06/99	5.80	250	0.131
Potassium	01/06/99	5390	NLE	5.25
Selenium	01/06/99	1.04	63	0.788
Silver	01/06/99	ND	110	0.788
Sodium	01/06/99	100	NLE	5.25
Thallium	01/06/99	ND	2	0.788
Vanadium	01/06/99	57.9	370	0.263
Zinc	01/06/99	102	1500	0.263

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 #: 4164.12
Sample Received: 12/31/98
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-50, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	01/06/99	8490	NLE	1.67
Antimony	01/06/99	0.961	14	0.334
Arsenic	01/06/99	18.4	20	0.334
Barium	01/06/99	69.4	700	0.084
Beryllium	01/06/99	1.41	1	0.084
Cadmium	01/06/99	0.735	1	0.084
Calcium	01/06/99	7200	NLE	3.34
Chromium	01/06/99	173	NLE	0.084
Cobalt	01/06/99	1.21	NLE	0.084
Copper	01/06/99	6.42	600	0.502
Iron	01/06/99	38900	NLE	1.67
Lead	01/06/99	10.6	100	0.334
Magnesium	01/06/99	3580	NLE	3.34
Manganese	01/06/99	20.1	NLE	0.084
Mercury	01/06/99	0.047	14	0.024
Nickel	01/06/99	5.18	250	0.084
Potassium	01/06/99	11000	NLE	3.34
Selenium	01/06/99	1.74	63	0.502
Silver	01/06/99	ND	110	0.502
Sodium	01/06/99	52.4	NLE	3.34
Thallium	01/06/99	ND	2	0.502
Vanadium	01/06/99	52.0	370	0.167
Zinc	01/06/99	75.9	1500	0.167

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 #: 4164.14
Sample Received: 12/31/98
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-51, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	01/06/99	10300	NLE	2.29
Antimony	01/06/99	0.977	14	0.458
Arsenic	01/06/99	14.3	20	0.458
Barium	01/06/99	36.1	700	0.115
Beryllium	01/06/99	1.05	1	0.115
Cadmium	01/06/99	0.918	1	0.115
Calcium	01/06/99	887	NLE	4.58
Chromium	01/06/99	102	NLE	0.115
Cobalt	01/06/99	2.66	NLE	0.115
Copper	01/06/99	16.4	600	0.688
Iron	01/06/99	26400	NLE	2.29
Lead	01/06/99	39.0	100	0.458
Magnesium	01/06/99	2300	NLE	4.58
Manganese	01/06/99	28.4	NLE	0.115
Mercury	01/06/99	0.042	14	0.023
Nickel	01/06/99	9.22	250	0.115
Potassium	01/06/99	5580	NLE	4.58
Selenium	01/06/99	1.13	63	0.688
Silver	01/06/99	ND	110	0.688
Sodium	01/06/99	51.0	NLE	4.58
Thallium	01/06/99	ND	2	0.688
Vanadium	01/06/99	53.3	370	0.229
Zinc	01/06/99	56.2	1500	0.229

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 #: 4164.16
Sample Received: 12/31/98
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-52, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	01/06/99	11300	NLE	2.42
Antimony	01/06/99	0.953	14	0.484
Arsenic	01/06/99	26.1	20	0.484
Barium	01/06/99	15.9	700	0.121
Beryllium	01/06/99	0.808	1	0.121
Cadmium	01/06/99	0.558	1	0.121
Calcium	01/06/99	600	NLE	4.84
Chromium	01/06/99	86.4	NLE	0.121
Cobalt	01/06/99	1.21	NLE	0.121
Copper	01/06/99	7.28	600	0.726
Iron	01/06/99	28600	NLE	2.42
Lead	01/06/99	6.43	100	0.484
Magnesium	01/06/99	2060	NLE	4.84
Manganese	01/06/99	24.7	NLE	0.121
Mercury	01/06/99	0.033	14	0.022
Nickel	01/06/99	4.87	250	0.121
Potassium	01/06/99	3980	NLE	4.84
Selenium	01/06/99	0.99	63	0.726
Silver	01/06/99	ND	110	0.726
Sodium	01/06/99	59.7	NLE	4.84
Thallium	01/06/99	ND	2	0.726
Vanadium	01/06/99	50.3	370	0.242
Zinc	01/06/99	34.3	1500	0.242

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 #: 4164.18
Sample Received: 12/31/98
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-53, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	01/06/99	10400	NLE	1.97
Antimony	01/06/99	1.31	14	0.393
Arsenic	01/06/99	18.2	20	0.393
Barium	01/06/99	106	700	0.098
Beryllium	01/06/99	0.935	1	0.098
Cadmium	01/06/99	1.65	1	0.098
Calcium	01/06/99	865	NLE	3.93
Chromium	01/06/99	138	NLE	0.098
Cobalt	01/06/99	2.31	NLE	0.098
Copper	01/06/99	141	600	0.590
Iron	01/06/99	50100	NLE	1.97
Lead	01/06/99	263	100	0.393
Magnesium	01/06/99	2540	NLE	3.93
Manganese	01/06/99	125	NLE	0.098
Mercury	01/06/99	0.104	14	0.020
Nickel	01/06/99	10.7	250	0.098
Potassium	01/06/99	6200	NLE	3.93
Selenium	01/06/99	0.661	63	0.590
Silver	01/06/99	ND	110	0.590
Sodium	01/06/99	83.0	NLE	3.93
Thallium	01/06/99	ND	2	0.590
Vanadium	01/06/99	58.6	370	0.197
Zinc	01/06/99	337	1500	0.197

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 #: 4169.02
Sample Received: 01/05/99
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-54, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	01/13/99	13200	NLE	2.10
Antimony	01/13/99	ND	14	0.421
Arsenic	01/13/99	25.2	20	0.421
Barium	01/13/99	70.5	700	0.105
Beryllium	01/13/99	2.12	1	0.105
Cadmium	01/13/99	1.98	1	0.105
Calcium	01/13/99	5110	NLE	4.21
Chromium	01/13/99	215	NLE	0.105
Cobalt	01/13/99	3.04	NLE	0.105
Copper	01/13/99	11.3	600	0.631
Iron	01/13/99	48900	NLE	2.10
Lead	01/13/99	19.3	100	0.421
Magnesium	01/13/99	7020	NLE	4.21
Manganese	01/13/99	54.1	NLE	0.105
Mercury	01/07/99	0.034	14	0.026
Nickel	01/13/99	17.3	250	0.105
Potassium	01/13/99	16000	NLE	4.21
Selenium	01/13/99	2.21	63	0.631
Silver	01/13/99	ND	110	0.631
Sodium	01/13/99	188	NLE	4.21
Thallium	01/13/99	ND	2	0.631
Vanadium	01/13/99	86.2	370	0.210
Zinc	01/13/99	93.8	1500	0.210

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 #: 4169.04
Sample Received: 01/05/99
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-55, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	01/13/99	14700	NLE	2.16
Antimony	01/13/99	0.733	14	0.432
Arsenic	01/13/99	12.9	20	0.432
Barium	01/13/99	9.40	700	0.108
Beryllium	01/13/99	1.28	1	0.108
Cadmium	01/13/99	0.595	1	0.11
Calcium	01/13/99	1330	NLE	4.321
Chromium	01/13/99	172	NLE	0.108
Cobalt	01/13/99	1.04	NLE	0.108
Copper	01/13/99	10.2	600	0.648
Iron	01/13/99	28600	NLE	2.16
Lead	01/13/99	7.49	100	0.432
Magnesium	01/13/99	4840	NLE	4.32
Manganese	01/13/99	35.4	NLE	0.108
Mercury	01/07/99	ND	14	0.027
Nickel	01/13/99	4.83	250	0.108
Potassium	01/13/99	9210	NLE	4.32
Selenium	01/13/99	ND	63	0.648
Silver	01/13/99	ND	110	0.648
Sodium	01/13/99	211	NLE	4.32
Thallium	01/13/99	ND	2	0.648
Vanadium	01/13/99	81.0	370	0.216
Zinc	01/13/99	97.9	1500	0.216

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 #: 4169.06
Sample Received: 01/05/99
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-56, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	01/13/99	22300	NLE	2.25
Antimony	01/13/99	ND	14	0.450
Arsenic	01/13/99	52.4	20	0.450
Barium	01/13/99	42.4	700	0.112
Beryllium	01/13/99	0.993	1	0.112
Cadmium	01/13/99	0.609	1	0.112
Calcium	01/13/99	463	NLE	4.50
Chromium	01/13/99	135	NLE	0.112
Cobalt	01/13/99	2.17	NLE	0.112
Copper	01/13/99	8.67	600	0.675
Iron	01/13/99	33200	NLE	2.25
Lead	01/13/99	6.08	100	0.450
Magnesium	01/13/99	3870	NLE	4.50
Manganese	01/13/99	60.0	NLE	0.112
Mercury	01/07/99	ND	14	0.026
Nickel	01/13/99	6.50	250	0.112
Potassium	01/13/99	6320	NLE	4.50
Selenium	01/13/99	1.04	63	0.675
Silver	01/13/99	ND	110	0.675
Sodium	01/13/99	165	NLE	4.50
Thallium	01/13/99	ND	2	0.675
Vanadium	01/13/99	74.5	370	0.225
Zinc	01/13/99	41.2	1500	0.225

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 #: 4169.08
Sample Received: 01/05/99
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-57, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	01/13/99	13700	NLE	2.13
Antimony	01/13/99	1.34	14	0.427
Arsenic	01/13/99	19.8	20	0.427
Barium	01/13/99	42.1	700	0.107
Beryllium	01/13/99	1.32	1	0.107
Cadmium	01/13/99	1.28	1	0.107
Calcium	01/13/99	1330	NLE	4.27
Chromium	01/13/99	172	NLE	0.107
Cobalt	01/13/99	1.78	NLE	0.107
Copper	01/13/99	45.5	600	0.640
Iron	01/13/99	35100	NLE	2.13
Lead	01/13/99	58.7	100	0.427
Magnesium	01/13/99	4980	NLE	4.27
Manganese	01/13/99	177	NLE	0.107
Mercury	01/07/99	0.072	14	0.025
Nickel	01/13/99	7.80	250	0.107
Potassium	01/13/99	9370	NLE	4.27
Selenium	01/13/99	0.736	63	0.640
Silver	01/13/99	ND	110	0.640
Sodium	01/13/99	109	NLE	4.27
Thallium	01/13/99	ND	2	0.640
Vanadium	01/13/99	80.6	370	0.213
Zinc	01/13/99	207	1500	0.213

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 #: 4169.10
Sample Received: 01/05/99
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-58, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	01/13/99	13500	NLE	1.93
Antimony	01/13/99	ND	14	0.386
Arsenic	01/13/99	14.1	20	0.386
Barium	01/13/99	73.6	700	0.096
Beryllium	01/13/99	2.37	1	0.096
Cadmium	01/13/99	2.51	1	0.096
Calcium	01/13/99	4410	NLE	3.86
Chromium	01/13/99	198	NLE	0.096
Cobalt	01/13/99	4.58	NLE	0.096
Copper	01/13/99	11.6	600	0.578
Iron	01/13/99	43500	NLE	1.93
Lead	01/13/99	26.2	100	0.386
Magnesium	01/13/99	6270	NLE	3.86
Manganese	01/13/99	52.3	NLE	0.096
Mercury	01/07/99	0.066	14	0.024
Nickel	01/13/99	35.3	250	0.096
Potassium	01/13/99	14200	NLE	3.86
Selenium	01/13/99	1.64	63	0.578
Silver	01/13/99	ND	110	0.578
Sodium	01/13/99	161	NLE	3.86
Thallium	01/13/99	ND	2	0.578
Vanadium	01/13/99	83.0	370	0.193
Zinc	01/13/99	110	1500	0.193

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 #: 4169.12
Sample Received: 01/05/99
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-59, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	01/13/99	16800	NLE	2.12
Antimony	01/13/99	0.608	14	0.424
Arsenic	01/13/99	18.7	20	0.424
Barium	01/13/99	42.1	700	0.106
Beryllium	01/13/99	1.03	1	0.106
Cadmium	01/13/99	0.623	1	0.106
Calcium	01/13/99	1020	NLE	4.24
Chromium	01/13/99	114	NLE	0.106
Cobalt	01/13/99	2.00	NLE	0.106
Copper	01/13/99	17.0	600	0.636
Iron	01/13/99	29300	NLE	2.12
Lead	01/13/99	30.6	100	0.424
Magnesium	01/13/99	3790	NLE	4.24
Manganese	01/13/99	50.2	NLE	0.106
Mercury	01/07/99	ND	14	0.025
Nickel	01/13/99	7.99	250	0.106
Potassium	01/13/99	6650	NLE	4.24
Selenium	01/13/99	1.01	63	0.636
Silver	01/13/99	ND	110	0.636
Sodium	01/13/99	213	NLE	4.24
Thallium	01/13/99	ND	2	0.636
Vanadium	01/13/99	63.7	370	0.212
Zinc	01/13/99	53.7	1500	0.212

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 #: 4169.14
Sample Received: 01/05/99
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-60, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	01/13/99	15300	NLE	1.83
Antimony	01/13/99	ND	14	0.366
Arsenic	01/13/99	25.7	20	0.366
Barium	01/13/99	25.0	700	0.091
Beryllium	01/13/99	1.81	1	0.091
Cadmium	01/13/99	0.763	1	0.091
Calcium	01/13/99	1070	NLE	3.66
Chromium	01/13/99	211	NLE	0.091
Cobalt	01/13/99	1.24	NLE	0.091
Copper	01/13/99	13.8	600	0.549
Iron	01/13/99	50800	NLE	1.83
Lead	01/13/99	8.44	100	0.366
Magnesium	01/13/99	6710	NLE	3.66
Manganese	01/13/99	56.6	NLE	0.091
Mercury	01/07/99	ND	14	0.025
Nickel	01/13/99	7.75	250	0.091
Potassium	01/13/99	13900	NLE	3.66
Selenium	01/13/99	1.13	63	0.549
Silver	01/13/99	ND	110	0.549
Sodium	01/13/99	154	NLE	3.66
Thallium	01/13/99	ND	2	0.549
Vanadium	01/13/99	91.2	370	0.183
Zinc	01/13/99	71.2	1500	0.183

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 #: 4169.16
Sample Received: 01/05/99
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-61, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	01/13/99	18100	NLE	2.45
Antimony	01/13/99	ND	14	0.490
Arsenic	01/13/99	27.4	20	0.490
Barium	01/13/99	25.1	700	0.123
Beryllium	01/13/99	2.37	1	0.123
Cadmium	01/13/99	0.977	1	0.123
Calcium	01/13/99	1080	NLE	4.90
Chromium	01/13/99	277	NLE	0.123
Cobalt	01/13/99	0.914	NLE	0.123
Copper	01/13/99	21.0	600	0.735
Iron	01/13/99	55600	NLE	2.45
Lead	01/13/99	32.4	100	0.490
Magnesium	01/13/99	9020	NLE	4.90
Manganese	01/13/99	28.8	NLE	0.123
Mercury	01/07/99	ND	14	0.027
Nickel	01/13/99	6.94	250	0.123
Potassium	01/13/99	19500	NLE	4.90
Selenium	01/13/99	ND	63	0.735
Silver	01/13/99	ND	110	0.735
Sodium	01/13/99	183	NLE	4.90
Thallium	01/13/99	ND	2	0.735
Vanadium	01/13/99	119	370	0.245
Zinc	01/13/99	70.7	1500	0.245

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 #: 4169.18
Sample Received: 01/05/99
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-62, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	01/13/99	14200	NLE	2.19
Antimony	01/13/99	0.726	14	0.437
Arsenic	01/13/99	16.9	20	0.437
Barium	01/13/99	18.7	700	0.109
Beryllium	01/13/99	0.910	1	0.109
Cadmium	01/13/99	0.708	1	0.109
Calcium	01/13/99	2160	NLE	4.37
Chromium	01/13/99	98.7	NLE	0.109
Cobalt	01/13/99	1.49	NLE	0.109
Copper	01/13/99	10.2	600	0.656
Iron	01/13/99	32600	NLE	2.19
Lead	01/13/99	6.73	100	0.437
Magnesium	01/13/99	3470	NLE	4.37
Manganese	01/13/99	66.5	NLE	0.109
Mercury	01/07/99	ND	14	0.021
Nickel	01/13/99	6.34	250	0.109
Potassium	01/13/99	5070	NLE	4.37
Selenium	01/13/99	ND	63	0.656
Silver	01/13/99	ND	110	0.656
Sodium	01/13/99	168	NLE	4.37
Thallium	01/13/99	ND	2	0.656
Vanadium	01/13/99	57.1	370	0.219
Zinc	01/13/99	39.8	1500	0.219

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 #: 4169.20
Sample Received: 01/05/99
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-63, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	01/13/99	18900	NLE	2.41
Antimony	01/13/99	ND	14	0.481
Arsenic	01/13/99	19.3	20	0.481
Barium	01/13/99	16.6	700	0.120
Beryllium	01/13/99	2.92	1	0.120
Cadmium	01/13/99	1.11	1	0.120
Calcium	01/13/99	1030	NLE	4.81
Chromium	01/13/99	325	NLE	0.120
Cobalt	01/13/99	0.937	NLE	0.120
Copper	01/13/99	9.68	600	0.722
Iron	01/13/99	63400	NLE	2.41
Lead	01/13/99	9.96	100	0.481
Magnesium	01/13/99	10700	NLE	4.81
Manganese	01/13/99	35.2	NLE	0.120
Mercury	01/07/99	ND	14	0.026
Nickel	01/13/99	8.88	250	0.120
Potassium	01/13/99	24700	NLE	4.81
Selenium	01/13/99	0.989	63	0.722
Silver	01/13/99	ND	110	0.722
Sodium	01/13/99	155	NLE	4.81
Thallium	01/13/99	ND	2	0.722
Vanadium	01/13/99	141	370	0.241
Zinc	01/13/99	71.7	1500	0.241

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 #: 4169.22
Sample Received: 01/05/99
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-64, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	01/13/99	20800	NLE	2.23
Antimony	01/13/99	ND	14	0.447
Arsenic	01/13/99	32.6	20	0.447
Barium	01/13/99	18.7	700	0.112
Beryllium	01/13/99	3.24	1	0.112
Cadmium	01/13/99	1.13	1	0.112
Calcium	01/13/99	529	NLE	4.47
Chromium	01/13/99	367	NLE	0.112
Cobalt	01/13/99	1.36	NLE	0.112
Copper	01/13/99	14.2	600	0.670
Iron	01/13/99	75300	NLE	2.23
Lead	01/13/99	48.0	100	0.447
Magnesium	01/13/99	12500	NLE	4.47
Manganese	01/13/99	23.6	NLE	0.112
Mercury	01/07/99	ND	14	0.027
Nickel	01/13/99	8.23	250	0.112
Potassium	01/13/99	28900	NLE	4.47
Selenium	01/13/99	0.771	63	0.670
Silver	01/13/99	ND	110	0.670
Sodium	01/13/99	159	NLE	4.47
Thallium	01/13/99	ND	2	0.670
Vanadium	01/13/99	144	370	0.223
Zinc	01/13/99	72.0	1500	0.223

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 #: 4169.24
Sample Received: 01/05/99
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-65, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	01/13/99	17300	NLE	2.28
Antimony	01/13/99	ND	14	0.456
Arsenic	01/13/99	18.2	20	0.456
Barium	01/13/99	53.6	700	0.114
Beryllium	01/13/99	1.40	1	0.114
Cadmium	01/13/99	0.556	1	0.114
Calcium	01/13/99	581	NLE	4.56
Chromium	01/13/99	149	NLE	0.114
Cobalt	01/13/99	1.87	NLE	0.114
Copper	01/13/99	21.7	600	0.684
Iron	01/13/99	38500	NLE	2.28
Lead	01/13/99	12.5	100	0.456
Magnesium	01/13/99	4760	NLE	4.56
Manganese	01/13/99	67.0	NLE	0.114
Mercury	01/07/99	0.027	14	0.019
Nickel	01/13/99	6.32	250	0.114
Potassium	01/13/99	10100	NLE	4.56
Selenium	01/13/99	0.99	63	0.684
Silver	01/13/99	ND	110	0.684
Sodium	01/13/99	211	NLE	4.56
Thallium	01/13/99	ND	2	0.684
Vanadium	01/13/99	77.7	370	0.228
Zinc	01/13/99	48.2	1500	0.228

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 #: 4169.26
Sample Received: 01/05/99
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-66, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	01/13/99	17100	NLE	2.18
Antimony	01/13/99	ND	14	0.436
Arsenic	01/13/99	28.1	20	0.436
Barium	01/13/99	10.3	700	0.109
Beryllium	01/13/99	2.84	1	0.109
Cadmium	01/13/99	0.949	1	0.109
Calcium	01/13/99	453	NLE	4.36
Chromium	01/13/99	323	NLE	0.109
Cobalt	01/13/99	0.482	NLE	0.109
Copper	01/13/99	11.1	600	0.653
Iron	01/13/99	62000	NLE	2.18
Lead	01/13/99	7.33	100	0.436
Magnesium	01/13/99	10300	NLE	4.36
Manganese	01/13/99	19.3	NLE	0.109
Mercury	01/07/99	ND	14	0.023
Nickel	01/13/99	6.38	250	0.109
Potassium	01/13/99	24100	NLE	4.36
Selenium	01/13/99	ND	63	0.653
Silver	01/13/99	ND	110	0.653
Sodium	01/13/99	115	NLE	4.36
Thallium	01/13/99	ND	2	0.653
Vanadium	01/13/99	127	370	0.218
Zinc	01/13/99	65.2	1500	0.218

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 #: 4169.28
Sample Received: 01/05/99
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-67, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	01/13/99	17900	NLE	2.37
Antimony	01/13/99	ND	14	0.474
Arsenic	01/13/99	30.2	20	0.474
Barium	01/13/99	13.0	700	0.119
Beryllium	01/13/99	2.49	1	0.119
Cadmium	01/13/99	0.814	1	0.119
Calcium	01/13/99	1200	NLE	4.74
Chromium	01/13/99	302	NLE	0.119
Cobalt	01/13/99	1.13	NLE	0.119
Copper	01/13/99	7.46	600	0.711
Iron	01/13/99	60300	NLE	2.37
Lead	01/13/99	4.28	100	0.474
Magnesium	01/13/99	9660	NLE	4.74
Manganese	01/13/99	24.3	NLE	0.119
Mercury	01/07/99	ND	14	0.025
Nickel	01/13/99	7.42	250	0.119
Potassium	01/13/99	22000	NLE	4.74
Selenium	01/13/99	ND	63	0.711
Silver	01/13/99	ND	110	0.711
Sodium	01/13/99	475	NLE	4.74
Thallium	01/13/99	ND	2	0.711
Vanadium	01/13/99	121	370	0.237
Zinc	01/13/99	59.1	1500	0.237

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 #: 4169.30
Sample Received: 01/05/99
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-68, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	01/13/99	20000	NLE	2.04
Antimony	01/13/99	1.47	14	0.409
Arsenic	01/13/99	23.0	20	0.409
Barium	01/13/99	51.2	700	0.102
Beryllium	01/13/99	2.52	1	0.102
Cadmium	01/13/99	1.09	1	0.102
Calcium	01/13/99	919	NLE	4.09
Chromium	01/13/99	227	NLE	0.102
Cobalt	01/13/99	4.37	NLE	0.102
Copper	01/13/99	39.1	600	0.613
Iron	01/13/99	44300	NLE	2.04
Lead	01/13/99	54.5	100	0.409
Magnesium	01/13/99	6630	NLE	4.09
Manganese	01/13/99	37.1	NLE	0.102
Mercury	01/07/99	ND	14	0.027
Nickel	01/13/99	16.8	250	0.102
Potassium	01/13/99	15200	NLE	4.09
Selenium	01/13/99	2.76	63	0.613
Silver	01/13/99	ND	110	0.613
Sodium	01/13/99	212	NLE	4.09
Thallium	01/13/99	ND	2	0.613
Vanadium	01/13/99	108	370	0.204
Zinc	01/13/99	65.6	1500	0.204

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 #: 4169.32
Sample Received: 01/05/99
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-69, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	01/13/99	7700	NLE	2.39
Antimony	01/13/99	1.04	14	0.478
Arsenic	01/13/99	17.4	20	0.478
Barium	01/13/99	44.8	700	0.119
Beryllium	01/13/99	1.03	1	0.119
Cadmium	01/13/99	0.495	1	0.119
Calcium	01/13/99	848	NLE	4.78
Chromium	01/13/99	66.0	NLE	0.119
Cobalt	01/13/99	10.5	NLE	0.119
Copper	01/13/99	283	600	0.717
Iron	01/13/99	19800	NLE	2.39
Lead	01/13/99	39.8	100	0.478
Magnesium	01/13/99	1850	NLE	4.78
Manganese	01/13/99	91.4	NLE	0.119
Mercury	01/07/99	ND	14	0.023
Nickel	01/13/99	88.0	250	0.119
Potassium	01/13/99	4270	NLE	4.78
Selenium	01/13/99	0.942	63	0.717
Silver	01/13/99	ND	110	0.717
Sodium	01/13/99	216	NLE	4.78
Thallium	01/13/99	ND	2	0.717
Vanadium	01/13/99	40.1	370	0.239
Zinc	01/13/99	93.6	1500	0.239

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

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 #: 4169.34
Sample Received: 01/05/99
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-70, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	01/13/99	14200	NLE	2.27
Antimony	01/13/99	0.494	14	0.454
Arsenic	01/13/99	14.3	20	0.454
Barium	01/13/99	22.6	700	0.114
Beryllium	01/13/99	0.795	1	0.114
Cadmium	01/13/99	0.433	1	0.114
Calcium	01/13/99	519	NLE	4.54
Chromium	01/13/99	101	NLE	0.114
Cobalt	01/13/99	1.36	NLE	0.114
Copper	01/13/99	19.1	600	0.681
Iron	01/13/99	25900	NLE	2.27
Lead	01/13/99	12.3	100	0.454
Magnesium	01/13/99	3250	NLE	4.54
Manganese	01/13/99	49.4	NLE	0.114
Mercury	01/07/99	ND	14	0.027
Nickel	01/13/99	4.87	250	0.114
Potassium	01/13/99	5040	NLE	4.54
Selenium	01/13/99	ND	63	0.681
Silver	01/13/99	ND	110	0.681
Sodium	01/13/99	92.8	NLE	4.54
Thallium	01/13/99	ND	2	0.681
Vanadium	01/13/99	54.1	370	0.227
Zinc	01/13/99	48.1	1500	0.227

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 #: 4169.36
Sample Received: 01/05/99
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-71, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	01/13/99	13500	NLE	2.34
Antimony	01/13/99	2.09	14	0.467
Arsenic	01/13/99	15.5	20	0.467
Barium	01/13/99	63.2	700	0.117
Beryllium	01/13/99	1.33	1	0.117
Cadmium	01/13/99	1.91	1	0.117
Calcium	01/13/99	796	NLE	4.67
Chromium	01/13/99	165	NLE	0.117
Cobalt	01/13/99	1.40	NLE	0.117
Copper	01/13/99	41.8	600	0.701
Iron	01/13/99	35500	NLE	2.34
Lead	01/13/99	93.7	100	0.467
Magnesium	01/13/99	4670	NLE	4.67
Manganese	01/13/99	32.5	NLE	0.117
Mercury	01/07/99	3.61	14	0.025
Nickel	01/13/99	6.93	250	0.117
Potassium	01/13/99	9960	NLE	4.67
Selenium	01/13/99	0.716	63	0.701
Silver	01/13/99	2.90	110	0.701
Sodium	01/13/99	164	NLE	4.67
Thallium	01/13/99	ND	2	0.701
Vanadium	01/13/99	68.7	370	0.234
Zinc	01/13/99	106	1500	0.234

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 #: 4173.02
Sample Received: 01/06/99
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-72, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	01/13/99	13500	NLE	2.18
Antimony	01/13/99	ND	14	0.436
Arsenic	01/13/99	29.7	20	0.436
Barium	01/13/99	19.8	700	0.109
Beryllium	01/13/99	1.98	1	0.109
Cadmium	01/13/99	0.823	1	0.109
Calcium	01/13/99	2030	NLE	4.36
Chromium	01/13/99	237	NLE	0.109
Cobalt	01/13/99	1.43	NLE	0.109
Copper	01/13/99	9.26	600	0.654
Iron	01/13/99	53700	NLE	2.18
Lead	01/13/99	8.01	100	0.436
Magnesium	01/13/99	7460	NLE	4.36
Manganese	01/13/99	16.2	NLE	0.109
Mercury	01/07/99	0.115	14	0.023
Nickel	01/13/99	8.87	250	0.109
Potassium	01/13/99	18100	NLE	4.36
Selenium	01/13/99	0.927	63	0.654
Silver	01/13/99	ND	110	0.654
Sodium	01/13/99	291	NLE	4.36
Thallium	01/13/99	ND	2	0.654
Vanadium	01/13/99	87.3	370	0.218
Zinc	01/13/99	62.0	1500	0.218

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 #: 4173.04
Sample Received: 01/06/99
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-73, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	01/13/99	15100	NLE	2.52
Antimony	01/13/99	0.568	14	0.505
Arsenic	01/13/99	18.4	20	0.505
Barium	01/13/99	22.7	700	0.126
Beryllium	01/13/99	1.52	1	0.126
Cadmium	01/13/99	0.572	1	0.13
Calcium	01/13/99	546	NLE	5.050
Chromium	01/13/99	182	NLE	0.126
Cobalt	01/13/99	1.14	NLE	0.126
Copper	01/13/99	9.69	600	0.757
Iron	01/13/99	38300	NLE	2.52
Lead	01/13/99	9.17	100	0.505
Magnesium	01/13/99	5090	NLE	5.05
Manganese	01/13/99	21.9	NLE	0.126
Mercury	01/07/99	0.036	14	0.021
Nickel	01/13/99	6.70	250	0.126
Potassium	01/13/99	11600	NLE	5.05
Selenium	01/13/99	1.17	63	0.757
Silver	01/13/99	ND	110	0.757
Sodium	01/13/99	123	NLE	5.05
Thallium	01/13/99	ND	2	0.757
Vanadium	01/13/99	79.1	370	0.252
Zinc	01/13/99	49.9	1500	0.252

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 #: 4173.06
Sample Received: 01/06/99
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-74, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	01/13/99	12800	NLE	2.43
Antimony	01/13/99	ND	14	0.485
Arsenic	01/13/99	12.7	20	0.485
Barium	01/13/99	41.0	700	0.121
Beryllium	01/13/99	1.04	1	0.121
Cadmium	01/13/99	0.478	1	0.121
Calcium	01/13/99	636	NLE	4.85
Chromium	01/13/99	89.4	NLE	0.121
Cobalt	01/13/99	3.78	NLE	0.121
Copper	01/13/99	5.03	600	0.728
Iron	01/13/99	30400	NLE	2.43
Lead	01/13/99	6.67	100	0.485
Magnesium	01/13/99	3070	NLE	4.85
Manganese	01/13/99	62.7	NLE	0.121
Mercury	01/07/99	0.028	14	0.018
Nickel	01/13/99	6.71	250	0.121
Potassium	01/13/99	7100	NLE	4.85
Selenium	01/13/99	0.832	63	0.728
Silver	01/13/99	ND	110	0.728
Sodium	01/13/99	164	NLE	4.85
Thallium	01/13/99	ND	2	0.728
Vanadium	01/13/99	56.0	370	0.243
Zinc	01/13/99	61.6	1500	0.243

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 #: 4173.08
Sample Received: 01/06/99
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-75, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	01/13/99	17900	NLE	2.74
Antimony	01/13/99	ND	14	0.548
Arsenic	01/13/99	29.5	20	0.548
Barium	01/13/99	37.6	700	0.137
Beryllium	01/13/99	2.47	1	0.137
Cadmium	01/13/99	1.20	1	0.137
Calcium	01/13/99	965	NLE	5.48
Chromium	01/13/99	301	NLE	0.137
Cobalt	01/13/99	1.11	NLE	0.137
Copper	01/13/99	45.0	600	0.822
Iron	01/13/99	63700	NLE	2.74
Lead	01/13/99	35.3	100	0.548
Magnesium	01/13/99	8980	NLE	5.48
Manganese	01/13/99	37.0	NLE	0.137
Mercury	01/07/99	0.075	14	0.024
Nickel	01/13/99	7.77	250	0.137
Potassium	01/13/99	21100	NLE	5.48
Selenium	01/13/99	1.30	63	0.822
Silver	01/13/99	ND	110	0.822
Sodium	01/13/99	188	NLE	5.48
Thallium	01/13/99	ND	2	0.822
Vanadium	01/13/99	123	370	0.274
Zinc	01/13/99	141	1500	0.274

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 #: 4173.10
Sample Received: 01/06/99
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-76, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	01/13/99	16200	NLE	2.61
Antimony	01/13/99	ND	14	0.521
Arsenic	01/13/99	27.8	20	0.521
Barium	01/13/99	27.2	700	0.130
Beryllium	01/13/99	1.85	1	0.130
Cadmium	01/13/99	1.00	1	0.130
Calcium	01/13/99	1020	NLE	5.21
Chromium	01/13/99	215	NLE	0.130
Cobalt	01/13/99	1.25	NLE	0.130
Copper	01/13/99	106	600	0.782
Iron	01/13/99	47900	NLE	2.61
Lead	01/13/99	96.1	100	0.521
Magnesium	01/13/99	6230	NLE	5.21
Manganese	01/13/99	99.1	NLE	0.130
Mercury	01/07/99	0.066	14	0.025
Nickel	01/13/99	6.64	250	0.130
Potassium	01/13/99	14100	NLE	5.21
Selenium	01/13/99	1.08	63	0.782
Silver	01/13/99	ND	110	0.782
Sodium	01/13/99	99.9	NLE	5.21
Thallium	01/13/99	ND	2	0.782
Vanadium	01/13/99	94.5	370	0.261
Zinc	01/13/99	203	1500	0.261

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 #: 4173.12
Sample Received: 01/06/99
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-77, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	01/13/99	19300	NLE	2.64
Antimony	01/13/99	1.18	14	0.528
Arsenic	01/13/99	21.7	20	0.528
Barium	01/13/99	28.5	700	0.132
Beryllium	01/13/99	2.90	1	0.132
Cadmium	01/13/99	1.49	1	0.132
Calcium	01/13/99	745	NLE	5.28
Chromium	01/13/99	327	NLE	0.132
Cobalt	01/13/99	2.26	NLE	0.132
Copper	01/13/99	60.3	600	0.792
Iron	01/13/99	69300	NLE	2.64
Lead	01/13/99	58.2	100	0.528
Magnesium	01/13/99	10400	NLE	5.28
Manganese	01/13/99	40.1	NLE	0.132
Mercury	01/07/99	0.176	14	0.026
Nickel	01/13/99	9.43	250	0.132
Potassium	01/13/99	25600	NLE	5.28
Selenium	01/13/99	1.72	63	0.792
Silver	01/13/99	ND	110	0.792
Sodium	01/13/99	94.8	NLE	5.28
Thallium	01/13/99	ND	2	0.792
Vanadium	01/13/99	121	370	0.264
Zinc	01/13/99	168	1500	0.264

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 #: 4173.14
Sample Received: 01/06/99
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-78, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	01/13/99	16000	NLE	2.55
Antimony	01/13/99	0.822	14	0.510
Arsenic	01/13/99	21.0	20	0.510
Barium	01/13/99	45.4	700	0.127
Beryllium	01/13/99	1.76	1	0.127
Cadmium	01/13/99	1.18	1	0.127
Calcium	01/13/99	1230	NLE	5.10
Chromium	01/13/99	206	NLE	0.127
Cobalt	01/13/99	1.62	NLE	0.127
Copper	01/13/99	44.4	600	0.764
Iron	01/13/99	46200	NLE	2.55
Lead	01/13/99	74.8	100	0.510
Magnesium	01/13/99	6060	NLE	5.10
Manganese	01/13/99	67.1	NLE	0.127
Mercury	01/07/99	0.055	14	0.025
Nickel	01/13/99	8.03	250	0.127
Potassium	01/13/99	14600	NLE	5.10
Selenium	01/13/99	0.851	63	0.764
Silver	01/13/99	ND	110	0.764
Sodium	01/13/99	302	NLE	5.10
Thallium	01/13/99	ND	2	0.764
Vanadium	01/13/99	90.9	370	0.255
Zinc	01/13/99	133	1500	0.255

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 #: 4173.16
Sample Received: 01/06/99
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-79, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	01/13/99	12000	NLE	1.98
Antimony	01/13/99	0.426	14	0.396
Arsenic	01/13/99	22.7	20	0.396
Barium	01/13/99	10.4	700	0.099
Beryllium	01/13/99	1.86	1	0.099
Cadmium	01/13/99	0.759	1	0.099
Calcium	01/13/99	1090	NLE	3.96
Chromium	01/13/99	210	NLE	0.099
Cobalt	01/13/99	0.564	NLE	0.099
Copper	01/13/99	24.7	600	0.594
Iron	01/13/99	39300	NLE	1.98
Lead	01/13/99	45.2	100	0.396
Magnesium	01/13/99	5630	NLE	3.96
Manganese	01/13/99	25.6	NLE	0.099
Mercury	01/07/99	0.031	14	0.024
Nickel	01/13/99	5.25	250	0.099
Potassium	01/13/99	13300	NLE	3.96
Selenium	01/13/99	ND	63	0.594
Silver	01/13/99	ND	110	0.594
Sodium	01/13/99	90.6	NLE	3.96
Thallium	01/13/99	ND	2	0.594
Vanadium	01/13/99	83.5	370	0.198
Zinc	01/13/99	74.6	1500	0.198

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 #: 4173.18
Sample Received: 01/06/99
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-80, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	01/13/99	12100	NLE	2.25
Antimony	01/13/99	0.471	14	0.449
Arsenic	01/13/99	19.4	20	0.449
Barium	01/13/99	10.1	700	0.112
Beryllium	01/13/99	0.778	1	0.112
Cadmium	01/13/99	0.444	1	0.112
Calcium	01/13/99	436	NLE	4.49
Chromium	01/13/99	83.8	NLE	0.112
Cobalt	01/13/99	0.953	NLE	0.112
Copper	01/13/99	8.25	600	0.674
Iron	01/13/99	28300	NLE	2.25
Lead	01/13/99	5.47	100	0.449
Magnesium	01/13/99	2510	NLE	4.49
Manganese	01/13/99	35.5	NLE	0.112
Mercury	01/07/99	ND	14	0.025
Nickel	01/13/99	3.87	250	0.112
Potassium	01/13/99	4370	NLE	4.49
Selenium	01/13/99	ND	63	0.674
Silver	01/13/99	ND	110	0.674
Sodium	01/13/99	106	NLE	4.49
Thallium	01/13/99	ND	2	0.674
Vanadium	01/13/99	47.1	370	0.225
Zinc	01/13/99	31.7	1500	0.225

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 #: 4173.20
Sample Received: 01/06/99
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-81, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	01/13/99	16600	NLE	2.33
Antimony	01/13/99	1.67	14	0.467
Arsenic	01/13/99	20.7	20	0.467
Barium	01/13/99	102	700	0.117
Beryllium	01/13/99	1.81	1	0.117
Cadmium	01/13/99	1.65	1	0.117
Calcium	01/13/99	3110	NLE	4.67
Chromium	01/13/99	214	NLE	0.117
Cobalt	01/13/99	2.23	NLE	0.117
Copper	01/13/99	76.7	600	0.700
Iron	01/13/99	44100	NLE	2.33
Lead	01/13/99	237	100	0.467
Magnesium	01/13/99	6070	NLE	4.67
Manganese	01/13/99	210	NLE	0.117
Mercury	01/07/99	0.089	14	0.020
Nickel	01/13/99	8.56	250	0.117
Potassium	01/13/99	13900	NLE	4.67
Selenium	01/13/99	ND	63	0.700
Silver	01/13/99	ND	110	0.700
Sodium	01/13/99	850	NLE	4.67
Thallium	01/13/99	ND	2	0.700
Vanadium	01/13/99	98.0	370	0.233
Zinc	01/13/99	362	1500	0.233

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 #: 4173.22
Sample Received: 01/06/99
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-82, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	01/13/99	15300	NLE	2.42
Antimony	01/13/99	0.635	14	0.485
Arsenic	01/13/99	21.0	20	0.485
Barium	01/13/99	27.8	700	0.121
Beryllium	01/13/99	1.60	1	0.121
Cadmium	01/13/99	1.05	1	0.121
Calcium	01/13/99	447	NLE	4.85
Chromium	01/13/99	178	NLE	0.121
Cobalt	01/13/99	1.01	NLE	0.121
Copper	01/13/99	38.2	600	0.727
Iron	01/13/99	39900	NLE	2.42
Lead	01/13/99	53.8	100	0.485
Magnesium	01/13/99	5100	NLE	4.85
Manganese	01/13/99	33.7	NLE	0.121
Mercury	01/07/99	0.040	14	0.025
Nickel	01/13/99	5.48	250	0.121
Potassium	01/13/99	11700	NLE	4.85
Selenium	01/13/99	ND	63	0.727
Silver	01/13/99	ND	110	0.727
Sodium	01/13/99	83.2	NLE	4.85
Thallium	01/13/99	ND	2	0.727
Vanadium	01/13/99	77.4	370	0.242
Zinc	01/13/99	101	1500	0.242

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 #: 4173.24
Sample Received: 01/06/99
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-83, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	01/13/99	15300	NLE	2.42
Antimony	01/13/99	0.635	14	0.485
Arsenic	01/13/99	21.0	20	0.485
Barium	01/13/99	27.8	700	0.121
Beryllium	01/13/99	1.60	1	0.121
Cadmium	01/13/99	1.05	1	0.121
Calcium	01/13/99	447	NLE	4.85
Chromium	01/13/99	178	NLE	0.121
Cobalt	01/13/99	1.01	NLE	0.121
Copper	01/13/99	38.2	600	0.727
Iron	01/13/99	39900	NLE	2.42
Lead	01/13/99	53.8	100	0.485
Magnesium	01/13/99	5100	NLE	4.85
Manganese	01/13/99	33.7	NLE	0.121
Mercury	01/07/99	0.040	14	0.025
Nickel	01/13/99	5.48	250	0.121
Potassium	01/13/99	11700	NLE	4.85
Selenium	01/13/99	ND	63	0.727
Silver	01/13/99	ND	110	0.727
Sodium	01/13/99	83.2	NLE	4.85
Thallium	01/13/99	ND	2	0.727
Vanadium	01/13/99	77.4	370	0.242
Zinc	01/13/99	101	1500	0.242

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 #: 4173.26
Sample Received: 01/06/99
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-84, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	01/13/99	8640	NLE	2.36
Antimony	01/13/99	ND	14	0.471
Arsenic	01/13/99	6.64	20	0.471
Barium	01/13/99	17.0	700	0.118
Beryllium	01/13/99	0.572	1	0.118
Cadmium	01/13/99	0.719	1	0.118
Calcium	01/13/99	427	NLE	4.71
Chromium	01/13/99	71.5	NLE	0.118
Cobalt	01/13/99	1.32	NLE	0.118
Copper	01/13/99	9.02	600	0.707
Iron	01/13/99	16500	NLE	2.36
Lead	01/13/99	9.32	100	0.471
Magnesium	01/13/99	1710	NLE	4.71
Manganese	01/13/99	27.2	NLE	0.118
Mercury	01/07/99	0.039	14	0.024
Nickel	01/13/99	6.16	250	0.118
Potassium	01/13/99	3620	NLE	4.71
Selenium	01/13/99	ND	63	0.707
Silver	01/13/99	ND	110	0.707
Sodium	01/13/99	67.6	NLE	4.71
Thallium	01/13/99	ND	2	0.707
Vanadium	01/13/99	46.1	370	0.236
Zinc	01/13/99	49.6	1500	0.236

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 #: 4173.28
Sample Received: 01/06/99
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-85, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	01/13/99	19700	NLE	2.18
Antimony	01/13/99	0.495	14	0.436
Arsenic	01/13/99	27.5	20	0.436
Barium	01/13/99	37.9	700	0.109
Beryllium	01/13/99	2.82	1	0.109
Cadmium	01/13/99	1.79	1	0.109
Calcium	01/13/99	1190	NLE	4.36
Chromium	01/13/99	325	NLE	0.109
Cobalt	01/13/99	2.09	NLE	0.109
Copper	01/13/99	44.1	600	0.654
Iron	01/13/99	76100	NLE	2.18
Lead	01/13/99	44.7	100	0.436
Magnesium	01/13/99	10700	NLE	4.36
Manganese	01/13/99	44.1	NLE	0.109
Mercury	01/07/99	0.041	14	0.025
Nickel	01/13/99	9.33	250	0.109
Potassium	01/13/99	26700	NLE	4.36
Selenium	01/13/99	1.97	63	0.654
Silver	01/13/99	ND	110	0.654
Sodium	01/13/99	159	NLE	4.36
Thallium	01/13/99	ND	2	0.654
Vanadium	01/13/99	122	370	0.218
Zinc	01/13/99	144	1500	0.218

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 #: 4173.30
Sample Received: 01/06/99
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-86, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	01/13/99	16000	NLE	2.06
Antimony	01/13/99	0.512	14	0.412
Arsenic	01/13/99	24.8	20	0.412
Barium	01/13/99	38.6	700	0.103
Beryllium	01/13/99	2.53	1	0.103
Cadmium	01/13/99	1.15	1	0.103
Calcium	01/13/99	786	NLE	4.12
Chromium	01/13/99	286	NLE	0.103
Cobalt	01/13/99	0.935	NLE	0.103
Copper	01/13/99	58.4	600	0.618
Iron	01/13/99	57700	NLE	2.06
Lead	01/13/99	44.9	100	0.412
Magnesium	01/13/99	8550	NLE	4.12
Manganese	01/13/99	41.4	NLE	0.103
Mercury	01/07/99	0.040	14	0.022
Nickel	01/13/99	6.01	250	0.103
Potassium	01/13/99	21300	NLE	4.12
Selenium	01/13/99	3.33	63	0.618
Silver	01/13/99	ND	110	0.618
Sodium	01/13/99	111	NLE	4.12
Thallium	01/13/99	ND	2	0.618
Vanadium	01/13/99	125	370	0.206
Zinc	01/13/99	82.4	1500	0.206

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 #: 4177.02
Sample Received: 01/07/99
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-87, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	01/13/99	22100	NLE	2.33
Antimony	01/13/99	1.55	14	0.467
Arsenic	01/13/99	32.6	20	0.467
Barium	01/13/99	153	700	0.117
Beryllium	01/13/99	2.57	1	0.117
Cadmium	01/13/99	1.52	1	0.117
Calcium	01/13/99	1060	NLE	4.67
Chromium	01/13/99	307	NLE	0.117
Cobalt	01/13/99	4.48	NLE	0.117
Copper	01/13/99	118	600	0.700
Iron	01/13/99	63100	NLE	2.33
Lead	01/13/99	111	100	0.467
Magnesium	01/13/99	8610	NLE	4.67
Manganese	01/13/99	145	NLE	0.117
Mercury	01/14/99	0.212	14	0.027
Nickel	01/13/99	10.5	250	0.117
Potassium	01/13/99	20100	NLE	4.67
Selenium	01/13/99	2.13	63	0.700
Silver	01/13/99	ND	110	0.700
Sodium	01/13/99	169	NLE	4.67
Thallium	01/13/99	ND	2	0.700
Vanadium	01/13/99	134	370	0.233
Zinc	01/13/99	158	1500	0.233

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 #: 4177.04
Sample Received: 01/07/99
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-88, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	01/13/99	17400	NLE	2.47
Antimony	01/13/99	0.789	14	0.494
Arsenic	01/13/99	28.1	20	0.494
Barium	01/13/99	54.1	700	0.124
Beryllium	01/13/99	2.26	1	0.124
Cadmium	01/13/99	2.49	1	0.12
Calcium	01/13/99	885	NLE	4.944
Chromium	01/13/99	268	NLE	0.124
Cobalt	01/13/99	2.38	NLE	0.124
Copper	01/13/99	51.3	600	0.742
Iron	01/13/99	56000	NLE	2.47
Lead	01/13/99	61.2	100	0.494
Magnesium	01/13/99	7600	NLE	4.94
Manganese	01/13/99	107	NLE	0.124
Mercury	01/14/99	0.106	14	0.025
Nickel	01/13/99	7.33	250	0.124
Potassium	01/13/99	19300	NLE	4.94
Selenium	01/13/99	0.910	63	0.742
Silver	01/13/99	ND	110	0.742
Sodium	01/13/99	242	NLE	4.94
Thallium	01/13/99	ND	2	0.742
Vanadium	01/13/99	113	370	0.247
Zinc	01/13/99	147	1500	0.247

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 #: 4177.06
Sample Received: 01/07/99
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-89, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	01/13/99	15800	NLE	2.01
Antimony	01/13/99	ND	14	0.402
Arsenic	01/13/99	14.1	20	0.402
Barium	01/13/99	23.7	700	0.100
Beryllium	01/13/99	1.54	1	0.100
Cadmium	01/13/99	0.846	1	0.100
Calcium	01/13/99	246	NLE	4.02
Chromium	01/13/99	168	NLE	0.100
Cobalt	01/13/99	2.18	NLE	0.100
Copper	01/13/99	6.72	600	0.603
Iron	01/13/99	41300	NLE	2.01
Lead	01/13/99	6.61	100	0.402
Magnesium	01/13/99	4830	NLE	4.02
Manganese	01/13/99	33.3	NLE	0.100
Mercury	01/14/99	0.048	14	0.024
Nickel	01/13/99	7.21	250	0.100
Potassium	01/13/99	12400	NLE	4.02
Selenium	01/13/99	0.796	63	0.603
Silver	01/13/99	ND	110	0.603
Sodium	01/13/99	74.2	NLE	4.02
Thallium	01/13/99	ND	2	0.603
Vanadium	01/13/99	99.5	370	0.201
Zinc	01/13/99	50.4	1500	0.201

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 #: 4177.08
Sample Received: 01/07/99
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-90, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	01/13/99	5610	NLE	2.53
Antimony	01/13/99	0.526	14	0.505
Arsenic	01/13/99	2.96	20	0.505
Barium	01/13/99	12.4	700	0.126
Beryllium	01/13/99	0.375	1	0.126
Cadmium	01/13/99	0.541	1	0.126
Calcium	01/13/99	221	NLE	5.05
Chromium	01/13/99	37.1	NLE	0.126
Cobalt	01/13/99	1.14	NLE	0.126
Copper	01/13/99	3.52	600	0.758
Iron	01/13/99	9870	NLE	2.53
Lead	01/13/99	3.65	100	0.505
Magnesium	01/13/99	985	NLE	5.05
Manganese	01/13/99	24.1	NLE	0.126
Mercury	01/14/99	0.037	14	0.023
Nickel	01/13/99	3.93	250	0.126
Potassium	01/13/99	2090	NLE	5.05
Selenium	01/13/99	ND	63	0.758
Silver	01/13/99	ND	110	0.758
Sodium	01/13/99	82.1	NLE	5.05
Thallium	01/13/99	ND	2	0.758
Vanadium	01/13/99	22.8	370	0.253
Zinc	01/13/99	33.6	1500	0.253

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 #: 4177.10
Sample Received: 01/07/99
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-91, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	01/13/99	14700	NLE	2.47
Antimony	01/13/99	0.654	14	0.494
Arsenic	01/13/99	18.8	20	0.494
Barium	01/13/99	26.4	700	0.124
Beryllium	01/13/99	1.14	1	0.124
Cadmium	01/13/99	0.661	1	0.124
Calcium	01/13/99	691	NLE	4.94
Chromium	01/13/99	137	NLE	0.124
Cobalt	01/13/99	1.45	NLE	0.124
Copper	01/13/99	34.3	600	0.742
Iron	01/13/99	26900	NLE	2.47
Lead	01/13/99	75.9	100	0.494
Magnesium	01/13/99	3580	NLE	4.94
Manganese	01/13/99	42.6	NLE	0.124
Mercury	01/14/99	0.081	14	0.022
Nickel	01/13/99	4.40	250	0.124
Potassium	01/13/99	7510	NLE	4.94
Selenium	01/13/99	ND	63	0.742
Silver	01/13/99	ND	110	0.742
Sodium	01/13/99	122	NLE	4.94
Thallium	01/13/99	ND	2	0.742
Vanadium	01/13/99	69.5	370	0.247
Zinc	01/13/99	67.1	1500	0.247

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 #: 4177.12
Sample Received: 01/07/99
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-92, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	01/13/99	14400	NLE	2.51
Antimony	01/13/99	ND	14	0.502
Arsenic	01/13/99	13.9	20	0.502
Barium	01/13/99	81.9	700	0.125
Beryllium	01/13/99	1.83	1	0.125
Cadmium	01/13/99	1.09	1	0.125
Calcium	01/13/99	4230	NLE	5.02
Chromium	01/13/99	207	NLE	0.125
Cobalt	01/13/99	1.47	NLE	0.125
Copper	01/13/99	104	600	0.752
Iron	01/13/99	47800	NLE	2.51
Lead	01/13/99	33.3	100	0.502
Magnesium	01/13/99	5590	NLE	5.02
Manganese	01/13/99	29.0	NLE	0.125
Mercury	01/14/99	0.058	14	0.024
Nickel	01/13/99	6.49	250	0.125
Potassium	01/13/99	15200	NLE	5.02
Selenium	01/13/99	1.77	63	0.752
Silver	01/13/99	ND	110	0.752
Sodium	01/13/99	118	NLE	5.02
Thallium	01/13/99	ND	2	0.752
Vanadium	01/13/99	82.9	370	0.251
Zinc	01/13/99	92.3	1500	0.251

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 #: 4177.14
Sample Received: 01/07/99
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-93, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	01/13/99	17400	NLE	1.96
Antimony	01/13/99	0.434	14	0.391
Arsenic	01/13/99	24.7	20	0.391
Barium	01/13/99	24.1	700	0.098
Beryllium	01/13/99	2.58	1	0.098
Cadmium	01/13/99	1.70	1	0.098
Calcium	01/13/99	513	NLE	3.91
Chromium	01/13/99	305	NLE	0.098
Cobalt	01/13/99	0.971	NLE	0.098
Copper	01/13/99	20.3	600	0.587
Iron	01/13/99	63700	NLE	1.96
Lead	01/13/99	11.5	100	0.391
Magnesium	01/13/99	9110	NLE	3.91
Manganese	01/13/99	34.0	NLE	0.098
Mercury	01/14/99	0.038	14	0.024
Nickel	01/13/99	6.54	250	0.098
Potassium	01/13/99	24000	NLE	3.91
Selenium	01/13/99	0.666	63	0.587
Silver	01/13/99	ND	110	0.587
Sodium	01/13/99	232	NLE	3.91
Thallium	01/13/99	ND	2	0.587
Vanadium	01/13/99	121	370	0.196
Zinc	01/13/99	71.8	1500	0.196

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 #: 4177.16
Sample Received: 01/07/99
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-94, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	01/13/99	12400	NLE	2.49
Antimony	01/13/99	ND	14	0.497
Arsenic	01/13/99	16.1	20	0.497
Barium	01/13/99	16.4	700	0.124
Beryllium	01/13/99	1.35	1	0.124
Cadmium	01/13/99	0.892	1	0.124
Calcium	01/13/99	427	NLE	4.97
Chromium	01/13/99	150	NLE	0.124
Cobalt	01/13/99	0.930	NLE	0.124
Copper	01/13/99	18.5	600	0.746
Iron	01/13/99	35400	NLE	2.49
Lead	01/13/99	28.7	100	0.497
Magnesium	01/13/99	4130	NLE	4.97
Manganese	01/13/99	22.6	NLE	0.124
Mercury	01/14/99	0.086	14	0.025
Nickel	01/13/99	4.57	250	0.124
Potassium	01/13/99	10500	NLE	4.97
Selenium	01/13/99	ND	63	0.746
Silver	01/13/99	ND	110	0.746
Sodium	01/13/99	199	NLE	4.97
Thallium	01/13/99	ND	2	0.746
Vanadium	01/13/99	66.8	370	0.249
Zinc	01/13/99	44.2	1500	0.249

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 #: 4177.18
Sample Received: 01/07/99
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-95, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	01/13/99	10700	NLE	2.14
Antimony	01/13/99	ND	14	0.429
Arsenic	01/13/99	18	20	0.429
Barium	01/13/99	13.8	700	0.107
Beryllium	01/13/99	1.66	1	0.107
Cadmium	01/13/99	1.36	1	0.107
Calcium	01/13/99	180	NLE	4.29
Chromium	01/13/99	113	NLE	0.107
Cobalt	01/13/99	1.06	NLE	0.107
Copper	01/13/99	4.68	600	0.643
Iron	01/13/99	53200	NLE	2.14
Lead	01/13/99	6.11	100	0.429
Magnesium	01/13/99	2970	NLE	4.29
Manganese	01/13/99	24.8	NLE	0.107
Mercury	01/14/99	0.028	14	0.020
Nickel	01/13/99	4.84	250	0.107
Potassium	01/13/99	7970	NLE	4.29
Selenium	01/13/99	2.12	63	0.643
Silver	01/13/99	ND	110	0.643
Sodium	01/13/99	80.1	NLE	4.29
Thallium	01/13/99	ND	2	0.643
Vanadium	01/13/99	102	370	0.214
Zinc	01/13/99	46.7	1500	0.214

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 #: 4179.02
Sample Received: 01/11/99
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-96, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	01/13/99	13600	NLE	3.12
Antimony	01/13/99	ND	14	0.623
Arsenic	01/13/99	8.96	20	0.623
Barium	01/13/99	16.6	700	0.156
Beryllium	01/13/99	1.06	1	0.156
Cadmium	01/13/99	0.743	1	0.156
Calcium	01/13/99	270	NLE	6.23
Chromium	01/13/99	109	NLE	0.156
Cobalt	01/13/99	1.59	NLE	0.156
Copper	01/13/99	7.04	600	0.935
Iron	01/13/99	30400	NLE	3.12
Lead	01/13/99	6.11	100	0.623
Magnesium	01/13/99	3160	NLE	6.23
Manganese	01/13/99	28.6	NLE	0.156
Mercury	01/14/99	0.062	14	0.031
Nickel	01/13/99	5.57	250	0.156
Potassium	01/13/99	7990	NLE	6.23
Selenium	01/13/99	ND	63	0.935
Silver	01/13/99	ND	110	0.935
Sodium	01/13/99	334	NLE	6.23
Thallium	01/13/99	ND	2	0.935
Vanadium	01/13/99	63.6	370	0.312
Zinc	01/13/99	40.4	1500	0.312

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 #: 4179.04
Sample Received: 01/11/99
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-97, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	01/13/99	12400	NLE	2.47
Antimony	01/13/99	ND	14	0.493
Arsenic	01/13/99	23.2	20	0.493
Barium	01/13/99	17.6	700	0.123
Beryllium	01/13/99	2.03	1	0.123
Cadmium	01/13/99	1.26	1	0.12
Calcium	01/13/99	765	NLE	4.933
Chromium	01/13/99	231	NLE	0.123
Cobalt	01/13/99	0.771	NLE	0.123
Copper	01/13/99	11.7	600	0.740
Iron	01/13/99	48600	NLE	2.47
Lead	01/13/99	10.8	100	0.493
Magnesium	01/13/99	6380	NLE	4.93
Manganese	01/13/99	20.8	NLE	0.123
Mercury	01/14/99	0.039	14	0.024
Nickel	01/13/99	5.70	250	0.123
Potassium	01/13/99	16400	NLE	4.93
Selenium	01/13/99	ND	63	0.740
Silver	01/13/99	ND	110	0.740
Sodium	01/13/99	139	NLE	4.93
Thallium	01/13/99	ND	2	0.740
Vanadium	01/13/99	100.0	370	0.247
Zinc	01/13/99	61.7	1500	0.247

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 #: 4179.06
Sample Received: 01/11/99
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-98, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	01/13/99	15100	NLE	2.25
Antimony	01/13/99	0.611	14	0.449
Arsenic	01/13/99	29.9	20	0.449
Barium	01/13/99	41.5	700	0.112
Beryllium	01/13/99	2.12	1	0.112
Cadmium	01/13/99	1.66	1	0.112
Calcium	01/13/99	1860	NLE	4.49
Chromium	01/13/99	237	NLE	0.112
Cobalt	01/13/99	1.86	NLE	0.112
Copper	01/13/99	32.9	600	0.674
Iron	01/13/99	51300	NLE	2.25
Lead	01/13/99	47.3	100	0.449
Magnesium	01/13/99	6730	NLE	4.49
Manganese	01/13/99	100	NLE	0.112
Mercury	01/14/99	0.102	14	0.025
Nickel	01/13/99	11.0	250	0.112
Potassium	01/13/99	17800	NLE	4.49
Selenium	01/13/99	1.23	63	0.674
Silver	01/13/99	ND	110	0.674
Sodium	01/13/99	178	NLE	4.49
Thallium	01/13/99	ND	2	0.674
Vanadium	01/13/99	104	370	0.225
Zinc	01/13/99	95.5	1500	0.225

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 #: 4179.08
Sample Received: 01/11/99
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-99, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	01/13/99	14900	NLE	2.36
Antimony	01/13/99	ND	14	0.472
Arsenic	01/13/99	28.0	20	0.472
Barium	01/13/99	16.9	700	0.118
Beryllium	01/13/99	2.80	1	0.118
Cadmium	01/13/99	1.92	1	0.118
Calcium	01/13/99	1060	NLE	4.72
Chromium	01/13/99	317	NLE	0.118
Cobalt	01/13/99	0.628	NLE	0.118
Copper	01/13/99	20.6	600	0.708
Iron	01/13/99	64100	NLE	2.36
Lead	01/13/99	12.2	100	0.472
Magnesium	01/13/99	8860	NLE	4.72
Manganese	01/13/99	21.9	NLE	0.118
Mercury	01/14/99	0.050	14	0.024
Nickel	01/13/99	7.42	250	0.118
Potassium	01/13/99	23800	NLE	4.72
Selenium	01/13/99	0.725	63	0.708
Silver	01/13/99	ND	110	0.708
Sodium	01/13/99	93.5	NLE	4.72
Thallium	01/13/99	ND	2	0.708
Vanadium	01/13/99	126	370	0.236
Zinc	01/13/99	76.1	1500	0.236

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 #: 4179.10
Sample Received: 01/11/99
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-100, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	01/13/99	3190	NLE	2.38
Antimony	01/13/99	0.566	14	0.475
Arsenic	01/13/99	24.4	20	0.475
Barium	01/13/99	6.78	700	0.119
Beryllium	01/13/99	0.162	1	0.119
Cadmium	01/13/99	0.415	1	0.119
Calcium	01/13/99	432	NLE	4.75
Chromium	01/13/99	41.3	NLE	0.119
Cobalt	01/13/99	0.677	NLE	0.119
Copper	01/13/99	10.9	600	0.713
Iron	01/13/99	7170	NLE	2.38
Lead	01/13/99	4.86	100	0.475
Magnesium	01/13/99	346	NLE	4.75
Manganese	01/13/99	11.3	NLE	0.119
Mercury	01/14/99	0.031	14	0.026
Nickel	01/13/99	1.46	250	0.119
Potassium	01/13/99	608	NLE	4.75
Selenium	01/13/99	ND	63	0.713
Silver	01/13/99	ND	110	0.713
Sodium	01/13/99	63.7	NLE	4.75
Thallium	01/13/99	ND	2	0.713
Vanadium	01/13/99	14.2	370	0.238
Zinc	01/13/99	24.9	1500	0.238

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 #: 4179.12
Sample Received: 01/11/99
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-101, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	01/13/99	1420	NLE	2.52
Antimony	01/13/99	ND	14	0.503
Arsenic	01/13/99	6.59	20	0.503
Barium	01/13/99	16.0	700	0.126
Beryllium	01/13/99	ND	1	0.126
Cadmium	01/13/99	0.504	1	0.126
Calcium	01/13/99	135	NLE	5.03
Chromium	01/13/99	18.9	NLE	0.126
Cobalt	01/13/99	0.437	NLE	0.126
Copper	01/13/99	10.6	600	0.755
Iron	01/13/99	6930	NLE	2.52
Lead	01/13/99	24.6	100	0.503
Magnesium	01/13/99	163	NLE	5.03
Manganese	01/13/99	5.13	NLE	0.126
Mercury	01/14/99	0.164	14	0.023
Nickel	01/13/99	1.23	250	0.126
Potassium	01/13/99	369	NLE	5.03
Selenium	01/13/99	ND	63	0.755
Silver	01/13/99	1.03	110	0.755
Sodium	01/13/99	63.9	NLE	5.03
Thallium	01/13/99	ND	2	0.755
Vanadium	01/13/99	9.61	370	0.252
Zinc	01/13/99	16.6	1500	0.252

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 #: 4179.14
Sample Received: 01/11/99
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-102, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	01/13/99	4570	NLE	2.54
Antimony	01/13/99	ND	14	0.508
Arsenic	01/13/99	9.69	20	0.508
Barium	01/13/99	13.6	700	0.127
Beryllium	01/13/99	0.257	1	0.127
Cadmium	01/13/99	0.569	1	0.127
Calcium	01/13/99	148	NLE	5.08
Chromium	01/13/99	40.4	NLE	0.127
Cobalt	01/13/99	0.655	NLE	0.127
Copper	01/13/99	5.24	600	0.762
Iron	01/13/99	10500	NLE	2.54
Lead	01/13/99	4.79	100	0.508
Magnesium	01/13/99	350	NLE	5.08
Manganese	01/13/99	11.0	NLE	0.127
Mercury	01/14/99	0.040	14	0.027
Nickel	01/13/99	2.31	250	0.127
Potassium	01/13/99	717	NLE	5.08
Selenium	01/13/99	ND	63	0.762
Silver	01/13/99	ND	110	0.762
Sodium	01/13/99	87.5	NLE	5.08
Thallium	01/13/99	ND	2	0.762
Vanadium	01/13/99	31.3	370	0.254
Zinc	01/13/99	27.6	1500	0.254

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 #: 4179.16
Sample Received: 01/11/99
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-103, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	01/13/99	4140	NLE	1.81
Antimony	01/13/99	0.461	14	0.362
Arsenic	01/13/99	6.47	20	0.362
Barium	01/13/99	16.8	700	0.091
Beryllium	01/13/99	0.295	1	0.091
Cadmium	01/13/99	0.418	1	0.091
Calcium	01/13/99	143	NLE	3.62
Chromium	01/13/99	32.4	NLE	0.091
Cobalt	01/13/99	0.303	NLE	0.091
Copper	01/13/99	3.56	600	0.543
Iron	01/13/99	7410	NLE	1.81
Lead	01/13/99	2.21	100	0.362
Magnesium	01/13/99	214	NLE	3.62
Manganese	01/13/99	5.04	NLE	0.091
Mercury	01/14/99	0.039	14	0.019
Nickel	01/13/99	1.54	250	0.091
Potassium	01/13/99	231	NLE	3.62
Selenium	01/13/99	ND	63	0.543
Silver	01/13/99	ND	110	0.543
Sodium	01/13/99	50.2	NLE	3.62
Thallium	01/13/99	ND	2	0.543
Vanadium	01/13/99	30.3	370	0.181
Zinc	01/13/99	23.5	1500	0.181

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 #: 4179.18
Sample Received: 01/11/99
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-104, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	01/13/99	1600	NLE	2.30
Antimony	01/13/99	ND	14	0.460
Arsenic	01/13/99	1.14	20	0.460
Barium	01/13/99	4.92	700	0.115
Beryllium	01/13/99	ND	1	0.115
Cadmium	01/13/99	0.183	1	0.115
Calcium	01/13/99	73.7	NLE	4.60
Chromium	01/13/99	9.66	NLE	0.115
Cobalt	01/13/99	0.248	NLE	0.115
Copper	01/13/99	2.61	600	0.690
Iron	01/13/99	2320	NLE	2.30
Lead	01/13/99	1.21	100	0.460
Magnesium	01/13/99	51.0	NLE	4.60
Manganese	01/13/99	1.55	NLE	0.115
Mercury	01/14/99	0.055	14	0.021
Nickel	01/13/99	1.44	250	0.115
Potassium	01/13/99	96.6	NLE	4.60
Selenium	01/13/99	ND	63	0.690
Silver	01/13/99	ND	110	0.690
Sodium	01/13/99	66.0	NLE	4.60
Thallium	01/13/99	ND	2	0.690
Vanadium	01/13/99	9.70	370	0.230
Zinc	01/13/99	17.0	1500	0.230

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 #: 4179.20
Sample Received: 01/11/99
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-105, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	01/13/99	1500	NLE	2.70
Antimony	01/13/99	ND	14	0.540
Arsenic	01/13/99	14.9	20	0.540
Barium	01/13/99	34.0	700	0.135
Beryllium	01/13/99	0.217	1	0.135
Cadmium	01/13/99	0.952	1	0.135
Calcium	01/13/99	9270	NLE	5.40
Chromium	01/13/99	13.8	NLE	0.135
Cobalt	01/13/99	1.02	NLE	0.135
Copper	01/13/99	10.3	600	0.811
Iron	01/13/99	8270	NLE	2.70
Lead	01/13/99	17.9	100	0.540
Magnesium	01/13/99	4600	NLE	5.40
Manganese	01/13/99	36.3	NLE	0.135
Mercury	01/14/99	0.799	14	0.026
Nickel	01/13/99	5.85	250	0.135
Potassium	01/13/99	700	NLE	5.40
Selenium	01/13/99	1.09	63	0.811
Silver	01/13/99	ND	110	0.811
Sodium	01/13/99	115	NLE	5.40
Thallium	01/13/99	ND	2	0.811
Vanadium	01/13/99	8.80	370	0.270
Zinc	01/13/99	59.4	1500	0.270

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 #: 4179.22
Sample Received: 01/11/99
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-106, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	01/13/99	3380	NLE	2.33
Antimony	01/13/99	ND	14	0.466
Arsenic	01/13/99	17.0	20	0.466
Barium	01/13/99	10.2	700	0.116
Beryllium	01/13/99	0.217	1	0.116
Cadmium	01/13/99	0.532	1	0.116
Calcium	01/13/99	808	NLE	4.66
Chromium	01/13/99	25.8	NLE	0.116
Cobalt	01/13/99	0.562	NLE	0.116
Copper	01/13/99	12.5	600	0.699
Iron	01/13/99	10200	NLE	2.33
Lead	01/13/99	7.06	100	0.466
Magnesium	01/13/99	232	NLE	4.66
Manganese	01/13/99	16.7	NLE	0.116
Mercury	01/14/99	0.154	14	0.025
Nickel	01/13/99	1.81	250	0.116
Potassium	01/13/99	535	NLE	4.66
Selenium	01/13/99	ND	63	0.699
Silver	01/13/99	ND	110	0.699
Sodium	01/13/99	56.9	NLE	4.66
Thallium	01/13/99	ND	2	0.699
Vanadium	01/13/99	14.3	370	0.233
Zinc	01/13/99	24.3	1500	0.233

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 #: 4184.02
Sample Received: 01/12/99
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-107, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	01/25/99	12800	NLE	2.33
Antimony	01/25/99	0.663	14	0.466
Arsenic	01/25/99	16.2	20	0.466
Barium	01/25/99	26.5	700	0.117
Beryllium	01/25/99	1.38	1	0.117
Cadmium	01/25/99	0.786	1	0.117
Calcium	01/25/99	749	NLE	4.66
Chromium	01/25/99	161	NLE	0.117
Cobalt	01/25/99	0.996	NLE	0.117
Copper	01/25/99	52.1	600	0.699
Iron	01/25/99	37900	NLE	2.33
Lead	01/25/99	28.8	100	0.466
Magnesium	01/25/99	4880	NLE	4.66
Manganese	01/25/99	21.7	NLE	0.117
Mercury	01/14/99	0.154	14	0.023
Nickel	01/25/99	5.69	250	0.117
Potassium	01/25/99	10500	NLE	4.66
Selenium	01/25/99	1.14	63	0.699
Silver	01/25/99	ND	110	0.699
Sodium	01/25/99	174	NLE	4.66
Thallium	01/25/99	ND	2	0.699
Vanadium	01/25/99	65.7	370	0.233
Zinc	01/25/99	52.7	1500	0.233

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 #: 4184.04
Sample Received: 01/12/99
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-108, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	01/25/99	16600	NLE	1.90
Antimony	01/25/99	ND	14	0.380
Arsenic	01/25/99	11.8	20	0.380
Barium	01/25/99	26.5	700	0.095
Beryllium	01/25/99	1.85	1	0.095
Cadmium	01/25/99	1.02	1	0.10
Calcium	01/25/99	116	NLE	3.803
Chromium	01/25/99	188	NLE	0.095
Cobalt	01/25/99	1.83	NLE	0.095
Copper	01/25/99	36.6	600	0.570
Iron	01/25/99	51300	NLE	1.90
Lead	01/25/99	6.91	100	0.380
Magnesium	01/25/99	6450	NLE	3.80
Manganese	01/25/99	23.4	NLE	0.095
Mercury	01/14/99	0.054	14	0.023
Nickel	01/25/99	7.82	250	0.095
Potassium	01/25/99	15400	NLE	3.80
Selenium	01/25/99	0.711	63	0.570
Silver	01/25/99	ND	110	0.570
Sodium	01/25/99	118	NLE	3.80
Thallium	01/25/99	ND	2	0.570
Vanadium	01/25/99	98.4	370	0.190
Zinc	01/25/99	75.9	1500	0.190

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 #: 4184.06
Sample Received: 01/12/99
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-109, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	01/25/99	17100	NLE	1.87
Antimony	01/25/99	0.483	14	0.374
Arsenic	01/25/99	11.7	20	0.374
Barium	01/25/99	26.9	700	0.094
Beryllium	01/25/99	1.29	1	0.094
Cadmium	01/25/99	0.714	1	0.094
Calcium	01/25/99	134	NLE	3.74
Chromium	01/25/99	142	NLE	0.094
Cobalt	01/25/99	1.89	NLE	0.094
Copper	01/25/99	30.1	600	0.561
Iron	01/25/99	35400	NLE	1.87
Lead	01/25/99	7.09	100	0.374
Magnesium	01/25/99	4150	NLE	3.74
Manganese	01/25/99	30.3	NLE	0.094
Mercury	01/14/99	0.070	14	0.025
Nickel	01/25/99	6.76	250	0.094
Potassium	01/25/99	8550	NLE	3.74
Selenium	01/25/99	1.11	63	0.561
Silver	01/25/99	ND	110	0.561
Sodium	01/25/99	194	NLE	3.74
Thallium	01/25/99	ND	2	0.561
Vanadium	01/25/99	84.4	370	0.187
Zinc	01/25/99	43.1	1500	0.187

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 #: 4184.08
Sample Received: 01/12/99
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-110, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	01/25/99	4320	NLE	2.05
Antimony	01/25/99	0.581	14	0.410
Arsenic	01/25/99	1.90	20	0.410
Barium	01/25/99	10.7	700	0.102
Beryllium	01/25/99	0.255	1	0.102
Cadmium	01/25/99	0.313	1	0.102
Calcium	01/25/99	201	NLE	4.10
Chromium	01/25/99	32.7	NLE	0.102
Cobalt	01/25/99	0.634	NLE	0.102
Copper	01/25/99	23.6	600	0.614
Iron	01/25/99	6360	NLE	2.05
Lead	01/25/99	2.60	100	0.410
Magnesium	01/25/99	728	NLE	4.10
Manganese	01/25/99	15.9	NLE	0.102
Mercury	01/14/99	0.055	14	0.021
Nickel	01/25/99	2.43	250	0.102
Potassium	01/25/99	1050	NLE	4.10
Selenium	01/25/99	ND	63	0.614
Silver	01/25/99	ND	110	0.614
Sodium	01/25/99	71.6	NLE	4.10
Thallium	01/25/99	ND	2	0.614
Vanadium	01/25/99	23.0	370	0.205
Zinc	01/25/99	15.8	1500	0.205

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 #: 4184.10
Sample Received: 01/12/99
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-111, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	01/25/99	3040	NLE	2.37
Antimony	01/25/99	1.03	14	0.474
Arsenic	01/25/99	1.12	20	0.474
Barium	01/25/99	10.1	700	0.118
Beryllium	01/25/99	0.197	1	0.118
Cadmium	01/25/99	0.326	1	0.118
Calcium	01/25/99	199	NLE	4.74
Chromium	01/25/99	19.3	NLE	0.118
Cobalt	01/25/99	0.425	NLE	0.118
Copper	01/25/99	20.1	600	0.711
Iron	01/25/99	5400	NLE	2.37
Lead	01/25/99	2.41	100	0.474
Magnesium	01/25/99	470	NLE	4.74
Manganese	01/25/99	12.2	NLE	0.118
Mercury	01/14/99	0.054	14	0.025
Nickel	01/25/99	2.31	250	0.118
Potassium	01/25/99	566	NLE	4.74
Selenium	01/25/99	ND	63	0.711
Silver	01/25/99	ND	110	0.711
Sodium	01/25/99	69.4	NLE	4.74
Thallium	01/25/99	ND	2	0.711
Vanadium	01/25/99	14.0	370	0.237
Zinc	01/25/99	20.1	1500	0.237

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 #: 4184.12
Sample Received: 01/12/99
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-112, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	01/25/99	3070	NLE	1.97
Antimony	01/25/99	1.16	14	0.393
Arsenic	01/25/99	1.92	20	0.393
Barium	01/25/99	17.5	700	0.098
Beryllium	01/25/99	0.319	1	0.098
Cadmium	01/25/99	0.250	1	0.098
Calcium	01/25/99	299	NLE	3.93
Chromium	01/25/99	19.8	NLE	0.098
Cobalt	01/25/99	1.41	NLE	0.098
Copper	01/25/99	21.3	600	0.590
Iron	01/25/99	8550	NLE	1.97
Lead	01/25/99	40.7	100	0.393
Magnesium	01/25/99	831	NLE	3.93
Manganese	01/25/99	20.5	NLE	0.098
Mercury	01/14/99	0.066	14	0.022
Nickel	01/25/99	3.81	250	0.098
Potassium	01/25/99	1910	NLE	3.93
Selenium	01/25/99	1.16	63	0.590
Silver	01/25/99	ND	110	0.590
Sodium	01/25/99	79.5	NLE	3.93
Thallium	01/25/99	ND	2	0.590
Vanadium	01/25/99	12.6	370	0.197
Zinc	01/25/99	37.7	1500	0.197

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 #: 4189.02
Sample Received: 01/13/99
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-113, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	01/25/99	18000	NLE	1.93
Antimony	01/25/99	ND	14	0.387
Arsenic	01/25/99	23.3	20	0.387
Barium	01/25/99	26.2	700	0.097
Beryllium	01/25/99	2.54	1	0.097
Cadmium	01/25/99	1.21	1	0.097
Calcium	01/25/99	634	NLE	3.87
Chromium	01/25/99	308	NLE	0.097
Cobalt	01/25/99	0.573	NLE	0.097
Copper	01/25/99	65.4	600	0.580
Iron	01/25/99	64400	NLE	1.93
Lead	01/25/99	32.5	100	0.387
Magnesium	01/25/99	10100	NLE	3.87
Manganese	01/25/99	22.2	NLE	0.097
Mercury	01/14/99	0.073	14	0.023
Nickel	01/25/99	7.11	250	0.097
Potassium	01/25/99	22800	NLE	3.87
Selenium	01/25/99	2.48	63	0.580
Silver	01/25/99	ND	110	0.580
Sodium	01/25/99	148	NLE	3.87
Thallium	01/25/99	ND	2	0.580
Vanadium	01/25/99	120	370	0.193
Zinc	01/25/99	84.9	1500	0.193

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 #: 4189.04
Sample Received: 01/13/99
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-114, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	01/25/99	16300	NLE	16.64
Antimony	01/25/99	ND	14	3.328
Arsenic	01/25/99	25.6	20	3.328
Barium	01/25/99	29.2	700	0.832
Beryllium	01/25/99	2.16	1	0.832
Cadmium	01/25/99	1.09	1	0.83
Calcium	01/25/99	1200	NLE	33.280
Chromium	01/25/99	254	NLE	0.832
Cobalt	01/25/99	1.07	NLE	0.832
Copper	01/25/99	31.9	600	4.992
Iron	01/25/99	55300	NLE	16.64
Lead	01/25/99	36.5	100	3.328
Magnesium	01/25/99	8290	NLE	33.28
Manganese	01/25/99	30.4	NLE	0.832
Mercury	01/14/99	0.970	14	0.237
Nickel	01/25/99	7.88	250	0.832
Potassium	01/25/99	18600	NLE	33.28
Selenium	01/25/99	2.11	63	4.992
Silver	01/25/99	ND	110	4.992
Sodium	01/25/99	118	NLE	33.28
Thallium	01/25/99	ND	2	4.992
Vanadium	01/25/99	82.4	370	1.664
Zinc	01/25/99	85.3	1500	1.664

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 #: 4189.06
Sample Received: 01/13/99
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-115, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	01/25/99	17000	NLE	2.37
Antimony	01/25/99	0.588	14	0.475
Arsenic	01/25/99	19.3	20	0.475
Barium	01/25/99	17.6	700	0.119
Beryllium	01/25/99	2.30	1	0.119
Cadmium	01/25/99	1.00	1	0.119
Calcium	01/25/99	758	NLE	4.75
Chromium	01/25/99	258	NLE	0.119
Cobalt	01/25/99	0.298	NLE	0.119
Copper	01/25/99	25.5	600	0.712
Iron	01/25/99	55900	NLE	2.37
Lead	01/25/99	16.1	100	0.475
Magnesium	01/25/99	8380	NLE	4.75
Manganese	01/25/99	18.2	NLE	0.119
Mercury	01/14/99	0.044	14	0.024
Nickel	01/25/99	6.36	250	0.119
Potassium	01/25/99	19600	NLE	4.75
Selenium	01/25/99	1.94	63	0.712
Silver	01/25/99	ND	110	0.712
Sodium	01/25/99	238	NLE	4.75
Thallium	01/25/99	ND	2	0.712
Vanadium	01/25/99	94.6	370	0.237
Zinc	01/25/99	70.5	1500	0.237

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 #: 4189.08
Sample Received: 01/13/99
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-116, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	01/25/99	17300	NLE	2.46
Antimony	01/25/99	ND	14	0.492
Arsenic	01/25/99	23.4	20	0.492
Barium	01/25/99	40.3	700	0.123
Beryllium	01/25/99	2.39	1	0.123
Cadmium	01/25/99	3.17	1	0.123
Calcium	01/25/99	1180	NLE	4.92
Chromium	01/25/99	280	NLE	0.123
Cobalt	01/25/99	0.959	NLE	0.123
Copper	01/25/99	34.2	600	0.738
Iron	01/25/99	57600	NLE	2.46
Lead	01/25/99	45.2	100	0.492
Magnesium	01/25/99	9020	NLE	4.92
Manganese	01/25/99	47.0	NLE	0.123
Mercury	01/14/99	0.069	14	0.026
Nickel	01/25/99	8.00	250	0.123
Potassium	01/25/99	20500	NLE	4.92
Selenium	01/25/99	1.67	63	0.738
Silver	01/25/99	ND	110	0.738
Sodium	01/25/99	124	NLE	4.92
Thallium	01/25/99	ND	2	0.738
Vanadium	01/25/99	118	370	0.246
Zinc	01/25/99	256	1500	0.246

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 #: 4189.10
Sample Received: 01/13/99
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-117, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	01/25/99	2720	NLE	2.12
Antimony	01/25/99	0.792	14	0.425
Arsenic	01/25/99	1.36	20	0.425
Barium	01/25/99	12.9	700	0.106
Beryllium	01/25/99	0.190	1	0.106
Cadmium	01/25/99	0.268	1	0.106
Calcium	01/25/99	162	NLE	4.25
Chromium	01/25/99	16.3	NLE	0.106
Cobalt	01/25/99	0.443	NLE	0.106
Copper	01/25/99	4.80	600	0.637
Iron	01/25/99	4980	NLE	2.12
Lead	01/25/99	8.16	100	0.425
Magnesium	01/25/99	474	NLE	4.25
Manganese	01/25/99	18.5	NLE	0.106
Mercury	01/14/99	0.037	14	0.021
Nickel	01/25/99	2.26	250	0.106
Potassium	01/25/99	770	NLE	4.25
Selenium	01/25/99	0.661	63	0.637
Silver	01/25/99	ND	110	0.637
Sodium	01/25/99	74.9	NLE	4.25
Thallium	01/25/99	ND	2	0.637
Vanadium	01/25/99	9.79	370	0.212
Zinc	01/25/99	26.7	1500	0.212

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 #: 4189.12
Sample Received: 01/13/99
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-118, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	01/25/99	12100	NLE	1.78
Antimony	01/25/99	0.407	14	0.355
Arsenic	01/25/99	11.8	20	0.355
Barium	01/25/99	20.8	700	0.089
Beryllium	01/25/99	1.15	1	0.089
Cadmium	01/25/99	0.539	1	0.089
Calcium	01/25/99	386	NLE	3.55
Chromium	01/25/99	135	NLE	0.089
Cobalt	01/25/99	0.938	NLE	0.089
Copper	01/25/99	33.0	600	0.533
Iron	01/25/99	31000	NLE	1.78
Lead	01/25/99	30.5	100	0.355
Magnesium	01/25/99	4270	NLE	3.55
Manganese	01/25/99	29.6	NLE	0.089
Mercury	01/14/99	0.313	14	0.022
Nickel	01/25/99	10.9	250	0.089
Potassium	01/25/99	9350	NLE	3.55
Selenium	01/25/99	1.08	63	0.533
Silver	01/25/99	ND	110	0.533
Sodium	01/25/99	130	NLE	3.55
Thallium	01/25/99	ND	2	0.533
Vanadium	01/25/99	57.2	370	0.178
Zinc	01/25/99	49.8	1500	0.178

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 #: 4189.14
Sample Received: 01/13/99
Sample Matrix: Soil

Site: M-14
Ft. Monmouth, New Jersey

Field ID#: M-14-119, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	01/25/99	5260	NLE	1.71
Antimony	01/25/99	0.424	14	0.343
Arsenic	01/25/99	5.03	20	0.343
Barium	01/25/99	19.8	700	0.086
Beryllium	01/25/99	0.470	1	0.086
Cadmium	01/25/99	0.276	1	0.086
Calcium	01/25/99	235	NLE	3.43
Chromium	01/25/99	51.0	NLE	0.086
Cobalt	01/25/99	0.692	NLE	0.086
Copper	01/25/99	7.50	600	0.514
Iron	01/25/99	13900	NLE	1.71
Lead	01/25/99	11.9	100	0.343
Magnesium	01/25/99	1520	NLE	3.43
Manganese	01/25/99	24.1	NLE	0.086
Mercury	01/14/99	0.068	14	0.023
Nickel	01/25/99	3.16	250	0.086
Potassium	01/25/99	3070	NLE	3.43
Selenium	01/25/99	0.705	63	0.514
Silver	01/25/99	ND	110	0.514
Sodium	01/25/99	64.9	NLE	3.43
Thallium	01/25/99	ND	2	0.514
Vanadium	01/25/99	24.1	370	0.171
Zinc	01/25/99	32.6	1500	0.171

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 M14-B1

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED	: 12-23-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		SILTY SAND, fine - brown [turf 0-5"]		
6				
	4156.02		0908	0 PPM
12				
18		SAND, fine/ medium - tan / brown		
24	4156.03	SANDY SILT, fine - lt. olive green / tan w/ some cement debris	0908	0 PPM
30				
36				

04-23-1999 X:\MTECH5\M14\m14-b001.bor

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M14-B2

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED	: 12-23-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		SILTY SAND, fine - brown [turf 0 - 4"]		
6				
	4156.04		0930	0 PPM
12				
18		SAND, fine/ medium - tan / brown		
24	4156.05	SANDY SILT, fine - lt. olive green / tan w/ some cement debris	0930	0 PPM
30				
36				

04-23-1999 X:\MTECH5\M14\m14-b002.bor

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M14-B3

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED	: 12-23-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		SILTY SAND, fine - brown [turf 0 - 5"]		
6	4156.06		1000	0 PPM
12				
18		SAND, fine/ medium - tan / brown		
24	4156.07	SANDY SILT, fine - lt. olive green / tan w/ some cement debris	1000	0 PPM
30				
36				

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M14-B4

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED	: 12-23-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		SILTY SAND, fine - brown [turf 0 - 5"]		
6				
	4156.08		1038	0 PPM
12				
18		SAND, fine/ medium - tan / brown		
24	4156.09	SANDY SILT, fine - lt. olive green / tan w/ some cement debris	1038	0 PPM
30				
36				

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M14-B5

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED	: 12-23-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		SILTY SAND, fine - brown [turf 0 - 5"]		
6				
	4156.10		1100	0 PPM
12				
18		SAND, fine/ medium - tan / brown		
24	4156.11	SANDY SILT, fine - lt. olive green / tan w/ some cement debris	1100	0 PPM
30				
36				

04-23-1999 X:\MTECH5\M14\m14-b005.bor

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M14-B6

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED	: 12-23-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		SILTY SAND, fine - brown [turf 0 - 5"]		
6	4156.12		1125	0 PPM
12				
18		SILTY CLAY and fine sand - dk. brown		
24	4156.13		1125	0 PPM
30		CEMENT		
36				
42				

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M14-B7

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED	: 12-28-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		TURF		
		SANDY SILT, fine - brown -w/ some ang. and rnd. gravels		
6				
	4159.04		1020	0 PPM
12				
18				
24	4159.05		1020	0 PPM
30				
36				
42				

04-23-1999 X:\MTECH5\M14\m14-b007.bor

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M14-B8

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED : 12-28-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER :

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		TURF		
		SANDY SILT, fine - brown -w/ some ang. and rnd. gravels		
6				
	4159.04		1020	0 PPM
12				
18				
24	4159.05		1020	0 PPM
30				
36				

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M14-B9

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED	: 12-28-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		TURF		
		SILTY CLAY, and fine sand - dk. gray / black		
6	4159.06		1035	0 PPM
12				
18				
24	4159.07		1035	0 PPM
30				
36				

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FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M14-B10

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED	: 12-28-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		TURF		
6		SILTY SAND, fine - brown		
	4159.08		1050	0 PPM
12				
18		SILTY CLAY, and fine sand - dk. gray / black		
24	4159.09		1050	0 PPM
30				
36				

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FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M14-B11

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED	: 12-28-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		TURF		
6		LOAMY SILTY SAND, fine - brown		
	4159.10	SILTY CLAY, and fine sand - dk. olive green	1110	0 PPM
12		NATIVE SOILS APPEARANCE		
18				
24	4159.11		1110	0 PPM
30				
36				
42				

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M14-B12

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED	: 12-28-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		TURF		
		SILTY SAND, fine - brown		
6				
	4159.12	SILTY CLAY, and fine sand - dk. brown	1125	0 PPM
12				
		NATIVE SOILS APPEARANCE		
18				
24	4159.13		1125	0 PPM
30				
36				
42				

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M14-B13

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED	: 12-28-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		TURF		
		SILTY SAND, fine - brown		
6				
	4159.14	SILTY CLAY, and fine sand - dk. brown	1315	0 PPM
12				
		NATIVE SOILS APPEARANCE		
18				
24	4159.15		1315	0 PPM
30				
36				
42				

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U.S.ARMY
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SELFM-PW-EV

LOG OF BORING M14-B14

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED	: 12-28-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		TURF		
		SILTY SAND, fine -orange w/ some pea gravels		
		SILTY SAND, fine - brown		
6				
	4159.16		1330	0 PPM
12				
18				
24	4159.17		1330	0 PPM
30				
36				
42				

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M14-B15

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED	: 12-28-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		TURF		
		SILTY SAND, fine -orange w/ some pea gravels		
6		SILTY SAND, fine - brown		
	4159.18		1348	0 PPM
12				
18				
24	4159.19		1348	0 PPM
30				
36				
42				

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FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M14-B16

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED	: 12-28-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		TURF		
		SILTY SAND, fine -orange w/ some pea gravels		
6		SILTY SAND, fine - brown		
	4159.20		1408	0 PPM
12				
18				
24	4159.21		1408	0 PPM
30				
36				
42				

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M14-B17

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED : 12-28-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER :

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		TURF		
6		SILTY SAND, fine - brown		
	4159.22		1422	0 PPM
12				
18		SILTY SAND, fine - olive green		
24	4159.23		1422	0 PPM
		CEMENT		
30				
36				

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M14-B18

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED	: 12-28-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		TURF		
		LOAMY SILT and SAND - fine -brown		
6				
	4159.24	SILTY SAND, fine - brown	1442	0 PPM
12				
18				
		SILTY CLAY, and fine sand - dk. olive green		
24	4159.25		1442	0 PPM
		NATIVE SOILS APPEARANCE		
30				
36				

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M14-B19

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED	: 12-28-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		TURF		
		SILTY SAND, fine - brown		
6				
	4159.26		1500	0 PPM
12				
18		SILTY SAND, fine - olive green w/ some cement debris		
24	4159.27		1500	0 PPM
30				
36				
42				

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M14-B20

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED	: 12-29-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		TURF		
		SILTY SAND, fine - w/ some clay - brown and some cinders		
6	4160.02		0955	0 PPM
12				
18				
24	4160.03		0955	0 PPM
30				
36				

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M14-B21

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED	: 12-29-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		TURF		
		SILTY SAND, fine - brown - cement debris at 38"		
6	4160.04		1015	0 PPM
12				
18				
24	4160.05		1015	0 PPM
30				
36				

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M14-B22

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED	: 12-29-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		TURF		
		SILTY SAND, fine - brown / black		
6				
	4160.06		1100	0 PPM
12				
18				
24	4160.07		1100	0 PPM
30				
36				

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M14-B23

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED	: 12-29-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		TURF		
6		SILTY SAND, fine - brown - w/ some rnd. gravels		
	4160.08		1120	0 PPM
12				
18				
24	4160.09	SAND, fine - lt. brown / tan / olive green	1120	0 PPM
		SILTY SAND, fine - olive green		
30				
36				

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M14-B24

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED	: 12-29-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		TURF		
6		SILTY SAND, fine - dk. brown w/ some [<2%] small rounded gravels		
	4160.10		1145	0 PPM
12				
18				
24	4160.11		1145	0 PPM
30				
36				

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M14-B25

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED : 12-29-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER :

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		TURF		
6		SILTY SAND, fine - dk. brown w/ some [<2%] small rounded gravels		
	4160.12		1327	0 PPM
12				
18				
24	4160.13		1327	0 PPM
30				
36				

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M14-B26

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED	: 12-29-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		TURF		
6	4160.14	SILTY SAND, fine - brown	1349	0 PPM
12				
18		SANDY SILT, fine - black w/ some cement debris		
24	4160.15		1349	0 PPM
30		SANDY SILT, fine - black w/ some cement and plastic debris		
36				

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M14-B27

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED	: 12-29-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		TURF		
6		SILTY SAND, fine - brown		
	4160.16		1410	0 PPM
12				
18		SANDY SILT, fine - black / brown - cement debris at 28"		
24	4160.17		1410	0 PPM
30				
36				

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M14-B28

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED	: 12-29-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		TURF		
6		SILTY SAND, fine - brown		
	4160.18		1421	0 PPM
12				
18		SANDY SILT, fine - brown / olive green		
24	4160.19		1421	0 PPM
30				
36				

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M14-B29

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED	: 12-29-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		TURF		
6		SILTY SAND, dk. brown		
	4160.20		1443	0 PPM
12		NATIVE SOILS APPEARANCE		
18				
24	4160.21		1443	0 PPM
30				
36				

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M14-B30

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED	: 12-30-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		TURF		
6	4162.02	SILTY SAND, fine -brown	0925	0 PPM
12				
18				
24	4162.03	CLAYEY SILT, and fine sand - brown / black	0925	0 PPM
30		NATIVE SOILS APPEARANCE		
36				

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M14-B31

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED	: 12-30-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		TURF		
6		SILTY SAND, fine - brown		
	4162.04		0945	0 PPM
12				
18				
24	4162.05		0945	0 PPM
30				
36				

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M14-B32

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED	: 12-30-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		TURF		
		SILTY SAND, fine - brown		
6				
	4162.06		1000	0 PPM
12				
18				
24	4162.07		1000	0 PPM
30				
36				

04-22-1999 X:\MTECH5\M14\m14-b032.bor

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M14-B33

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED	: 12-30-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		TURF		
6		SILTY SAND, fine - brown		
	4162.08		1015	0 PPM
12				
18				
24	4162.09		1015	0 PPM
30				
36				

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M14-B34

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED	: 12-30-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		TURF		
6		SAND, fine -brown		
	4162.10		1033	0 PPM
12				
18		SILTY SAND, fine -brown		
24	4162.11		1033	0 PPM
30				
36				

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M14-B35

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED	: 12-30-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		TURF		
6		SAND, fine -brown		
	4162.12		1050	0 PPM
12				
18		SILTY SAND, fine -brown		
24	4162.13		1050	0 PPM
30				
36				

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M14-B36

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED	: 12-30-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		TURF		
6		SILTY SAND, fine - brown w/ some small rnd. gravels		
	4162.14		1103	0 PPM
12				
18				
24	4162.15	SILTY SAND, fine - dk. gray	1103	0 PPM
30				
36				

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M14-B37

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED	: 12-30-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		TURF		
		SILTY SAND, fine -brown		
6				
	4162.16		1120	0 PPM
12				
18				
24	4162.17		1120	0 PPM
30				
36				
42				

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M14-B38

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED	: 12-30-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		TURF		
		SILTY SAND, fine -brown		
6				
	4162.18		1138	0 PPM
12				
18		SILTY CLAY, and fine sand - gray		
24	4162.19		1138	0 PPM
30				
36				

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M14-B39

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED	: 12-30-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		TURF		
		SILTY SAND, fine -brown		
6	4162.20		1320	0 PPM
12				
18		SILTY CLAY, and fine sand - gray		
24	4162.21		1320	0 PPM
30				
36				

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M14-B40

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED	: 12-30-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		TURF		
		SILTY SAND, fine -brown		
6				
	4162.22		1342	0 PPM
12				
		SILTY SAND, fine - dk. olive green		
18				
24	4162.23		1342	0 PPM
30				
36				

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M14-B41

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED	: 12-30-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		TURF		
		SILTY SAND, fine -brown		
6	4162.24		1355	0 PPM
12		SILTY SAND, fine - dk. olive green		
18				
24	4162.25		1355	0 PPM
30				
36				

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M14-B42

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED	: 12-30-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		TURF		
		SILTY SAND, fine -brown		
6	4162.26		1415	0 PPM
12		SILTY SAND, fine - dk. olive green		
18				
24	4162.27		1415	0 PPM
30				
36				

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M14-B43

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED	: 12-30-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		TURF		
		SILTY SAND, fine -brown		
6	4162.28		1432	0 PPM
12		SILTY SAND, fine - dk. olive green		
18				
24	4162.29		1432	0 PPM
30				
36				

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M14-B44

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED	: 12-30-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		TURF		
		SILTY SAND, fine -brown		
6	4162.30		1448	0 PPM
12		SILTY SAND, fine - dk. olive green		
18				
24	4162.31		1448	0 PPM
30				
36				

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M14-B45

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED	: 12-31-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		TURF		
6		SILTY SAND, fine - brown		
	4164.02		0938	0 PPM
12		CLAYEY SILT, SAND fine - olive green / brown Motled		
18				
24	4164.03		0938	0 PPM
		CEMENT & GLASS MATERIAL		
30				
36				

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M14-B46

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED	: 12-31-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		TURF		
		SILTY SAND, fine - brown		
6				
	4164.04		0954	0 PPM
12				
18		CLAYEY SILT, and SAND, fine - olive green		
24	4164.05		0954	0 PPM
30				
36				

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M14-B47

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED	: 12-31-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		TURF		
		SILTY SAND, fine - brown		
6	4164.06		1020	0 PPM
12				
18		CLAYEY SILT, and SAND, fine - olive green		
24	4164.07		1020	0 PPM
30				
36				

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U.S.ARMY
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SELFM-PW-EV

LOG OF BORING M14-B48

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED	: 12-31-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		TURF		
		SILTY SAND, fine - brown / olive green		
6	4164.08		1040	0 PPM
		CINDERS		
12				
18				
24	4164.09		1040	0 PPM
30				
36				
42				

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U.S.ARMY
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SELFM-PW-EV

LOG OF BORING M14-B49

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED	: 12-31-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		TURF		
6	4164.10		1100	0 PPM
12		SILTY SAND, fine - orange brown / olive green		
18				
24	4164.11	CINDERS	1100	0 PPM
30				

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U.S.ARMY
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SELFM-PW-EV

LOG OF BORING M14-B50

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED	: 12-31-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		TURF		
6	4164.12	SILTY SAND, fine - brown	1120	0 PPM
12				
18		SILTY SAND, fine - brown - olive green		
24	4164.13	SILTY SAND, fine - olive green	1120	0 PPM
30				
36				
42				

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U.S.ARMY
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SELFM-PW-EV

LOG OF BORING M14-B51

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED	: 12-31-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		TURF		
6	4164.14	SILTY SAND, fine - olive green	1315	0 PPM
12				
18				
24	4164.15		1315	0 PPM
30		CINDERS		
36				
42				

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U.S.ARMY
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SELFM-PW-EV

LOG OF BORING M14-B52

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED	: 12-31-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		TURF		
6	4164.16	SILTY SAND, fine - tan	1330	0 PPM
12				
18				
24	4164.17	CINDERS	1330	0 PPM
30				
36				
42				

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U.S.ARMY
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SELFM-PW-EV

LOG OF BORING M14-B53

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED : 12-31-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER :

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		TURF		
6	4164.18	SILTY SAND, fine - dark gray with some Porcelin Material	1349	0 PPM
12				
18				
24	4164.19	CINDERS	1349	0 PPM
30				
36				
42				

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U.S.ARMY
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SELFM-PW-EV

LOG OF BORING M14-B54

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED	: 1-05-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		TURF		
6	4169.02	SILTY SAND, fine - dark gray / Brown	1012	0 PPM
18	4169.03	SILTY SAND, fine - olive green (NATIVE SOILS APPEARANCE)	1012	0 PPM
42				

04-23-1999 X:\MTECH5\M14\m14-b054.bor

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M14-B55

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED	: 1-05-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		TURF		
		SILTY SAND, fine - olive green		
6				
	4169.04		1020	0 PPM
12				
18				
24	4169.05		1020	0 PPM
		CINDERS		
30				
36				
42				

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U.S.ARMY
FORT MONMOUTH
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LOG OF BORING M14-B56

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED	: 1-05-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		TURF		
6	4169.06	SILTY SAND, fine - olive green	1030	0 PPM
12				
18				
24	4169.07	CINDERS	1030	0 PPM
30				
36				

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LOG OF BORING M14-B57

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED	: 1-05-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		TURF		
6	4169.08	SILTY SAND, fine - olive green	1050	0 PPM
12				
18				
24	4169.09	CINDERS	1050	0 PPM
30				
36				

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LOG OF BORING M14-B58

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED	: 1-05-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		TURF		
6	4169.10	SILTY SAND, fine - brown	1105	0 PPM
12				
18		SILTY SAND, fine - gray / tan		
24	4169.11		1105	0 PPM
30		SILTY SAND, fine - olive green		
		COAL		
36				

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LOG OF BORING M14-B59

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED	: 1-05-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		TURF		
6	4169.12	SILTY SAND, fine - brown	1112	0 PPM
12				
18		SILTY SAND, fine - gray / tan		
24	4169.13		1112	0 PPM
30		SILTY SAND, fine - olive green		
		COAL		
36				

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LOG OF BORING M14-B60

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SELFM-PW-EV

JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED	: 1-05-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		TURF		
6	4169.14	SILTY SAND, fine - olive green	1125	0 PPM
12				
18		SILTY SAND, fine - orange		
24	4169.15		1125	0 PPM
		CINDERS		
30				
36				
42				

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LOG OF BORING M14-B61

U.S. ARMY
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JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED	: 1-05-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		TURF		
6	4169.16	SILTY SAND, fine - olive green	1136	0 PPM
12				
18		SILTY SAND, fine - orange		
24	4169.17		1136	0 PPM
30		CINDERS		
36				
42				

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LOG OF BORING M14-B62

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JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED	: 1-05-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		TURF		
6	4169.18	SILTY SAND, fine - black / brown	1145	0 PPM
12				
18		SILTY SAND, fine - olive green		
24	4169.19		1145	0 PPM
30				
36				

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LOG OF BORING M14-B63

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JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED	: 1-05-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		TURF		
		SILTY SAND, fine - brown		
6		SILTY SAND, fine - olive green		
	4169.20		1340	0 PPM
12				
18				
24	4169.21		1340	0 PPM
30				
		CINDERS		
36				
42				

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LOG OF BORING M14-B64

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JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED	: 1-05-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		TURF SILTY SAND, fine - brown		
6		SILTY SAND, fine - olive green		
	4169.22		1344	0 PPM
12				
18				
24	4169.23		1344	0 PPM
30		CINDERS		
36				
42				

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LOG OF BORING M14-B65

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JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED	: 1-05-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		TURF SILTY SAND, fine - brown		
6	4169.24	SILTY SAND, fine -orange	1400	0 PPM
12				
18				
24	4169.25	SILT LOAM, dark olive green	1400	0 PPM
30		CINDERS		
36				
42				

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LOG OF BORING M14-B66

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JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED	: 1-05-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		TURF		
		SILTY SAND, fine - brown		
6	4169.26	SILTY SAND, fine -orange	1400	0 PPM
12				
18				
24	4169.27	SILT LOAM, dark olive green	1400	0 PPM
30		CINDERS		
36				
42				

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JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED	: 1-05-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		TURF SILTY SAND, fine - brown		
6	4169.28	SILTY SAND, fine gray / dark olive green	1425	0 PPM
12				
18		SILTY SAND, fine - olive green		
24	4169.29		1425	0 PPM
30		CINDERS		
36				
42				

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LOG OF BORING M14-B68

U.S. ARMY
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JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED	: 1-05-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		PLAY AREA MULCH		
6	4169.30	SILTY CLAY, And SAND, fine - With Mixed Cinders Throughout	1444	0 PPM
12				
18				
24	4169.31		1444	0 PPM
30				
36				
42				

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LOG OF BORING M14-B69

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JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED	: 1-05-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		PLAY AREA MULCH		
6	4169.32	SILTY CLAY, And SAND, fine - With Mixed Cinders Throughout	1438	0 PPM
12				
18				
24	4169.33		1438	0 PPM
30				
36				
42				

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LOG OF BORING M14-B70

U.S. ARMY
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JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED	: 1-05-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		PLAY AREA MULCH		
6	4169.34	SILTY CLAY, And SAND, fine - With Mixed Cinders Throughout	1445	0 PPM
12				
18				
24	4169.35		1445	0 PPM
30				
36				
42				

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LOG OF BORING M14-B71

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JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED	: 1-05-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		PLAY AREA MULCH		
6	4169.36	SILTY CLAY, And SAND, fine - With Mixed Cinders Throughout	1520	0 PPM
12				
18				
24	4169.37		1520	0 PPM
30				
36				
42				

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LOG OF BORING M14-B72

U.S. ARMY
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SELFM-PW-EV

JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED	: 1-06-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		TURF		
		SILTY SAND, fine - brown		
6				
	4173.02		1045	0 PPM
		SILTY SAND, fine - olive green		
12				
18				
	4173.03		1045	0 PPM
24				
		CINDERS		
30				
36				

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LOG OF BORING M14-B73

U.S. ARMY
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JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED	: 1-06-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		PLAYGROUND MULCH		
6	4173.04	SILTY SAND, fine - olive green	1110	0 PPM
12				
18	4173.05		1110	0 PPM
24				
30				
36				
42				

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LOG OF BORING M14-B74

U.S. ARMY
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JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED	: 1-06-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		PLAYGROUND MULCH		
6	4173.06	SILTY SAND, fine - olive green	1125	0 PPM
12				
18	4173.07		1125	0 PPM
24				
30				
36				
42				

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LOG OF BORING M14-B75

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JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED	: 1-06-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		TURF		
6	4173.08	SILTY SAND, fine - olive green	1150	0 PPM
12				
18	4173.09	CINDERS	1150	0 PPM
24		SILTY SAND, fine - olive green		
30				
36				
42				

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LOG OF BORING M14-B76

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JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED	: 1-06-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		TURF		
6	4173.10	SILTY SAND, fine - olive green	1200	0 PPM
12				
18	4173.11		1200	0 PPM
24				
30		CINDERS		
36		SILTY CLAY, SAND, fine - olive green		
42				

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LOG OF BORING M14-B77

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SELFM-PW-EV

JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED	: 1-06-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		TURF		
6	4173.12		1300	0 PPM
12		SILTY SAND, fine - olive green / brown NATIVE SOILS APPEARANCE		
18	4173.13		1300	0 PPM
24				
30				
36				
42				

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LOG OF BORING M14-B78

U.S. ARMY
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JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED	: 1-06-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		TURF		
6	4173.14	SILTY SAND, fine - With Some CLAY olive green / orange With <5% Coal Fragments	1320	0 PPM
12				
18	4173.15		1320	0 PPM
24				
30				
36				
42				

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LOG OF BORING M14-B79

U.S. ARMY
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JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED	: 1-06-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		TURF		
6	4173.16	SILTY SAND, fine - With Some CLAY olive green / orange With <5% Coal Fragments	1342	0 PPM
12				
18	4173.17		1342	0 PPM
24				
30				
36				
42				

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LOG OF BORING M14-B80

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JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED	: 1-06-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		SILTY SAND, fine - brown / olive green TURF		
6	4173.18	SAND, fine - with some small round gravel - orange	1358	0 PPM
12				
18	4173.19		1358	0 PPM
		Coal & Cinder Material		
24		SAND, medium/fine - light brown with some Coal Fragments		
30				
36				
42				

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LOG OF BORING M14-B81

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JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED	: 1-06-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		TURF		
6		SILTY CLAY, & Fine - SAND, olive green		
	4173.20		1408	0 PPM
12				
18	4173.21		1408	0 PPM
		SANDY SILT, fine - with some Coal Material		
24		SAND, medium/fine - light brown with some CINDERS		
30		SAND, medium/fine - olive green		
36				
42				

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LOG OF BORING M14-B82

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED	: 1-06-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		TURF		
6	4173.22		1420	0 PPM
12				
18	4173.23	SILTY CLAY, & Fine SAND - brown	1420	0 PPM
24				
30				
36				
42		SAND, medium - light brown NATIVE SOILS APPEARANCE		
48				

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LOG OF BORING M14-B83

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JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED	: 1-06-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		TURF SILTY SAND, fine - brown		
6	4173.24	SAND, fine - light olive green / brown	1435	0 PPM
12				
18	4173.25	SILTY CLAY, olive green	1435	0 PPM
24		CLAYEY SILT, & FINE SAND with some small round gravel		
30				
36				
42				

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LOG OF BORING M14-B84

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SELFM-PW-EV

JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED	: 1-06-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		TURF SILTY SAND, fine - brown		
6	4173.26	SAND, fine - light olive green / brown	1453	0 PPM
12				
18	4173.27	SILTY CLAY, olive green	1453	0 PPM
24		CLAYEY SILT, & FINE SAND with some small round gravel		
30				
36				
42				

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LOG OF BORING M14-B85

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JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED	: 1-06-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		TURF SILTY SAND, fine - brown		
6	4173.28	SAND, fine - light olive green / brown	1504	0 PPM
12				
18	4173.29	SILTY CLAY, olive green	1504	0 PPM
24		CLAYEY SILT, & FINE SAND with some small round gravel & <1% Coal Fragments		
30				
36				
42				

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LOG OF BORING M14-B86

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JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED	: 1-06-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		TURF SILTY SAND, fine - brown		
6	4173.30	SAND, fine - light olive green / brown	1520	0 PPM
12				
18	4173.31	SILTY CLAY, olive green	1520	0 PPM
24		CLAYEY SILT, & FINE SAND with some small round gravel & <1% Coal Fragments		
30				
36				
42				

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LOG OF BORING M14-B87

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JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED	: 1-07-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		TURF SAND, fine - brown		
6		SAND, fine - light olive green / brown		
	4177.02		0920	0 PPM
12				
18	4177.03		0920	0 PPM
		CINDERS		
24				
30		SAND, fine - olive green / black		
36				
42				

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LOG OF BORING M14-B88

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JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED	: 1-07-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		TURF SAND, fine - brown		
6	4177.04	SAND, fine - light olive green / brown	0945	0 PPM
18	4177.05	CINDERS	0945	0 PPM
24				
30				

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LOG OF BORING M14-B89

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JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED	: 1-07-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU				
0		TURF SAND, fine - brown						
6		SANDY CLAY, fine - light olive green / brown						
	4177.06		1009	0 PPM				
12								
18	4177.07		1009	0 PPM				
24								
30								
36								

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LOG OF BORING M14-B90

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SELFM-PW-EV

JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED	: 1-07-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		TURF SAND, fine - brown		
6		SAND, fine - tan / light brown		
	4177.08		1033	0 PPM
12				
18	4177.09		1033	0 PPM
24				
30		CLAYEY SAND, fine - tan / light brown		
36				
42				

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LOG OF BORING M14-B91

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JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED	: 1-07-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		TURF SAND, fine - brown		
6		CLAYEY SAND, fine - olive green / tan		
	4177.10		1053	0 PPM
12				
18	4177.11		1053	0 PPM
24		SAND, fine - White / Pinkinsh with round gravel		
		CLAYEY SAND, fine - olive green		
		Wood, Clap Board and Cinders		
30				
36				

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LOG OF BORING M14-B92

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JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED	: 1-07-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		TURF SAND, fine - brown		
6		CLAYEY SAND, fine - olive green / tan		
	4177.12		1114	0 PPM
12				
18	4177.13		1114	0 PPM
24				
30		WOOD		
		CLAYEY SAND, fine - olive green / tan		
36		CINDERS		
42				

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JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED	: 1-07-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		TURF SAND, fine - brown		
6		CLAYEY SAND, fine - olive green / tan		
	4177.14		1322	0 PPM
12				
18	4177.15		1322	0 PPM
24		CINDERS		
30				
36				
		CONCRETE		
42				

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LOG OF BORING M14-B94

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JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED : 1-07-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER :

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		TURF SAND, fine - brown		
6	4177.16	CLAYEY SAND, fine - olive green / tan	1345	0 PPM
12				
18	4177.17	CINDERS	1345	0 PPM
24				
30				

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LOG OF BORING M14-B95

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JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED : 1-07-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER :

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0				
		TURF SAND, fine - brown		
6				
	4177.18	CLAYEY SAND, fine - brown / tan	1407	0 PPM
12				
18	4177.19		1407	0 PPM
24		CLAY - olive green / tan		
30				
36				
42				
48				

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LOG OF BORING M14-B96

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JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED : 1-11-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER :

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		TURF SILTY SAND, fine - brown (NATIVE)		
6	4179.02	CLAYEY SILT, SAND, fine - brown	1000	0 PPM
12				
18	4179.03		1000	0 PPM
24				
30				
36				
42				
48				

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LOG OF BORING M14-B97

U.S. ARMY
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JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED	: 1-11-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		TURF SILTY SAND, fine - brown (NATIVE)		
6	4179.04	SANDY SILT, olive green	1023	0 PPM
12				
18	4179.05		1023	0 PPM
24				
30		SANDY SILT, fine - black brown		
		SANDY SILT, fine - olive green with some orange mottling		
36				
42				
48				

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LOG OF BORING M14-B98

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JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED : 1-11-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER :

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		TURF SILTY SAND, fine - brown		
6	4179.06	SILTY SAND, fine - olive green	1040	0 PPM
12				
18	4179.07		1040	0 PPM
24		SILTY SAND, fine - with Coal Fragments		
30		SILTY CLAY, SAND, olive green		
36				
42				
48				

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LOG OF BORING M14-B99

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JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED	: 1-11-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		TURF SILTY SAND, fine - brown		
6	4179.08	SANDY SILT, olive green / brown	1100	0 PPM
12				
18	4179.09	SANDY SILT, fine - olive green / orange	1100	0 PPM
24				
30		CINDERS & CEMENT		
36				
42				

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LOG OF BORING M14-B100

U.S. ARMY
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JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED : 1-11-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER :

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		TURF SILTY SAND, fine - brown		
6		SILTY SAND, fine - olive green with some orange		
	4179.10		1124	0 PPM
12				
18	4179.11		1124	0 PPM
24				
		CINDERS		
30				
36				
42				

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LOG OF BORING M14-B101

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED	: 1-11-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		TURF SILTY SAND, fine - brown		
6	4179.12	SAND, medium/fine - brown	1140	0 PPM
12				
18	4179.13	SILTY SAND, fine - olive green	1140	0 PPM
24		CINDERS		
30				
36				
42				

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LOG OF BORING M14-B102

U.S. ARMY
FT. MONMOUTH N.J.
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JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED : 1-11-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER :

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		TURF SILTY SAND, fine - brown		
6	4179.14	(Native) SILTY SAND, with some Quartz Gravels throughout olive green	1400	0 PPM
12				
18	4179.15		1400	0 PPM
24				
30				
36				
42				
48				

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LOG OF BORING M14-B103

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED : 1-11-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER :

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		TURF SILTY SAND, fine - brown		
6	4179.16	(Native) SILTY SAND, with some Quartz Gravels throughout olive green	1417	0 PPM
12				
18	4179.17		1417	0 PPM
24				
30				
36				
42				
48				

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LOG OF BORING M14-B104

U.S. ARMY
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SELFM-PW-EV

JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED : 1-11-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER :

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		TURF SILTY SAND, fine - brown		
		SAND, fine - tan / light olive green with Quartz Gravel		
6	4179.18	SAND, fine - tan / light olive green	1440	0 PPM
12				
18	4179.19		1440	0 PPM
24				
30		CLAYEY SILT, fine - olive green with orange molting		
36				
42				
48				

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LOG OF BORING M14-B105

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED	: 1-11-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		TURF SILTY SAND, fine - brown		
6	4179.20	SILTY CLAY, SAND, fine - olive green	1500	0 PPM
12				
18	4179.21		1500	0 PPM
24		CINDERS		
30		SILTY CLAY, olive green with Quartz Round Gravel		
36				
42				
48				

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LOG OF BORING M14-B106

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JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED : 1-11-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER :

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		TURF SILTY SAND, fine - brown		
6	4179.22	SANDY SILT, fine - brown / olive green	1515	0 PPM
12				
18	4179.23	CLAYEY SILT, olive green with orange moltting	1515	0 PPM
24				
30				
36		CINDERS		
42				
48				

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U.S.ARMY
FORT MONMOUTH
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LOG OF BORING M14-B107

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED : 1-12-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER :

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		TURF SILTY SAND, fine - brown		
6	4184.02	SILTY CLAY, SAND, medium/fine - olive green	1030	0 PPM
12				
18	4184.03		1030	0 PPM
24		CINDERS		
30				
36				
42				

04-22-1999 X:\MTECH5\M14\m14-b107.bor

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M14-B108

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED : 1-12-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER :

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		TURF SILTY SAND, fine - brown		
6	4184.04	SILTY CLAY, SAND, medium/fine - olive green (NATIVE)	1050	0 PPM
12				
18	4184.05		1050	0 PPM
24				
30				
36		36" Quartz Round Gravel		
42				
48				

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SELFM-PW-EV

LOG OF BORING M14-B109

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED : 1-12-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER :

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		(NATIVE SOILS APPEARANCE)		
		SILTY SAND, fine - brown / tan		
6	4184.06		1104	0 PPM
12		SILTY CLAY, SAND, fine - olive green		
18	4184.07		1104	0 PPM
24				
		SAND, fine - olive green / orange		
30				
36				
		SAND, fine - olive green with Round Quartz Gravel		
42				
48				

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M14-B110

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED : 1-12-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER :

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		(NATIVE SOILS APPEARANCE)		
		SILTY SAND, fine - brown / tan		
6				
	4184.08		1115	0 PPM
12		SAND, medium/fine - tan		
18	4184.09		1115	0 PPM
		CLAYEY SILT, SAND, fine - olive green		
24				
30				
36				
		SILTY SAND, fine - olive green / orange		
42				
48				

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M14-B111

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED : 1-12-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER :

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		(NATIVE SOILS APPEARANCE)		
		SILTY SAND, fine - olive green		
6		SAND, fine - dark gray with some Silt		
	4184.10		1140	0 PPM
		SAND, fine - tan		
12				
18	4184.11		1140	0 PPM
		SAND, fine - light olive green / tan		
24				
30				
36		CLAYEY SILT, SAND, fine - olive green		
42				
48				

04-23-1999 X:\MTECH5\M14\m14-b111.bor

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M14-B112

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED : 1-12-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER :

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		(NATIVE SOILS APPEARANCE)		
		SILTY SAND, fine - olive green		
6	4184.12	SAND, medium - light tan / gray / brown	1340	0 PPM
12				
18	4184.13		1340	0 PPM
24		SAND, fine - light brown / orange		
30				
36				
42				

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M14-B113

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED : 1-13-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER :

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		TURF		
6	4189.02	SILTY SAND, fine - olive green	1000	0 PPM
12		CINDERS		
18	4189.03	SAND, medium/fine - with some SILT- light brown / orange & light olive green	1000	0 PPM
24				
30				

04-23-1999 X:\MTECH5\M14\m14-b113.bor

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M14-B114

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED : 1-13-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER :

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU				
0		TURF						
6	4189.04	SILTY CLAY, SAND, fine - olive green	1022	0 PPM				
12								
18	4189.05		1022	0 PPM				
24								
30								

04-23-1999 X:\MTECH5\M14\m14-b114.bor

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M14-B115

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED : 1-13-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER :

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU				
0		TURF						
6	4189.06	SAND, fine - with little SILT- olive green	1040	0 PPM				
12								
18		CINDERS						
	4189.07	SANDY SILT, fine - light brown	1040	0 PPM				
24								
30								

04-23-1999 X:\MTECH5\M14\m14-b115.bor

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M14-B116

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED : 1-13-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER :

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		TURF		
6	4189.08	SAND, fine - with little SILT- olive green	1100	0 PPM
12				
18		CINDERS		
	4189.09	SANDY SILT, fine - light brown	1100	0 PPM
24				
30				

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M14-B117

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED : 1-13-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER :

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		TURF		
6	4189.10	SANDY SILT, fine - tan / olive green	1130	0 PPM
12				
18	4189.11	(FILL SAND) SAND, medium - tan	1130	0 PPM
24				
30				

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M14-B118

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED : 1-13-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER :

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0		TURF		
6	4189.12	SANDY SILT, fine - tan / olive green	1139	0 PPM
12				
18	4189.13	(FILL SAND) SAND, medium - tan	1139	0 PPM
24				
30				

04-23-1999 X:\MTECH5\M14\m14-b118.bor

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M14-B119

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED : 1-13-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER :

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU
0				
		TURF		
6				
	4189.14	SANDY SILT, fine - tan / olive green	1150	0 PPM
12				
18				
	4189.15	(FILL SAND) SAND, medium - tan	1150	0 PPM
24				
30				

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M14-NATIVE 1

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED	: 1-12-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU				
0		(NATIVE SOILS APPEARANCE) SILTY SAND, fine - olive green						
6		SILTY CLAY, SAND, fine - olive green						
12								
18								
24								
30								
36								
42								
48								

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M14-NATIVE 2

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED : 1-12-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER :

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU				
0		(NATIVE SOILS APPEARANCE) SILTY SAND, fine - olive green						
6								
12								
18		SAND, medium/fine - light olive green						
24								
30								
36								
42		CLAYEY SILT, SAND, fine - olive green						
48								

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M14-NATIVE 3

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED : 1-12-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER :

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU				
0		(NATIVE SOILS APPEARANCE) SILTY SAND, fine - olive green with some CLAY						
6								
12								
18								
24								
30								
36		CLAYEY SILT,SAND, fine - , olive green						
42								
48								

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M14-NATIVE 4

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED : 1-12-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER :

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU				
0		(NATIVE SOILS APPEARANCE) SANDY SILT, fine - olive green						
6								
12								
18								
24		SILTY CLAY, SAND, fine - with some small round gravel						
30								
36								
42								
48								

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M14-NATIVE 5

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED : 1-12-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER :

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU				
0		(NATIVE SOILS APPEARANCE)						
		SAND, medium/fine - brown						
6								
12		SAND, with some SILT- fine - olive green / tan						
18								
24								
30								
36		SILTY CLAY, SAND, fine - olive green						
42								
48								

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M14-NATIVE 6

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED : 1-12-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER :

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU				
0		(NATIVE SOILS APPEARANCE)						
		SILTY SAND, fine - olive green						
6								
12								
18								
		SAND, medium/fine - olive green with some small round gravel						
24								
30								
		SILTY CLAY, olive green						
36								
42								
48								

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SELFM-PW-EV

LOG OF BORING M14-NATIVE 7

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED : 1-12-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER :

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU				
0		(NATIVE SOILS APPEARANCE)						
		SAND, medium/fine - brown						
6		SAND, fine - light olive green						
12								
18								
24								
30		SILTY CLAY, SAND, fine - olive green						
36								
42		CLAYEY SILT, olive green / orange						
48								

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FORT MONMOUTH
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LOG OF BORING M14-NATIVE 8

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED : 1-12-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER :

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU				
0		(NATIVE SOILS APPEARANCE)						
		SANDY SILT, brown / light brown						
6								
12		SILTY SAND, fine - olive green						
18								
24		CLAYEY SILT, SAND, fine - olive green						
30								
36		CLAYEY SILT, SAND, fine - olive green / orange						
42								
48								

04-23-1999 X:\MTECH5\M14\m14-nat8.bor

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FORT MONMOUTH
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LOG OF BORING M14-NATIVE 9

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED	: 1-12-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU				
0		(NATIVE SOILS APPEARANCE)						
		SAND, medium/fine - light brown						
6								
		SAND, fine - with some SILT - olive green						
12								
18								
24		SILTY CLAY, SAND, fine - olive green						
30								
36		CLAYEY SILT, SAND, fine - olive green / orange						
42								
48								

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FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M14-NATIVE 10

U.S. ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON

M-14 LANDFILL

DATE COMPLETED	: 1-12-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	DESCRIPTION	TIME	HNU				
0		(NATIVE SOILS APPEARANCE) SAND, fine/ medium - dark brown / gray						
6		SAND, fine - with some SILT - olive green						
12								
18		SILTY CLAY, SAND, fine - olive green						
24								
30								
36		CLAYEY SILT, SAND, fine - olive green						
42								
48								

04-23-1999 X:\MTECH5\M14\m14-nat1.bor

APPENDIX F

Compliance Average Area Names

Appendix F
Compliance Average Area Names
M-14 Landfill
Fort Monmouth, New Jersey

Compliance Area Name:	AREA SVOC-1	Boring ID
		B60
		B65
		B70
		B76
		B81
		B87
		B93
		B99
		B100
		B106
		B107
		B112
		B114
Compliance Area Name:	**AREA SVOC-2**	**Boring ID**
		B02
		B03
		B05
		B06
		B07
		B08
		B09
		B10
		B12
		B13
		B14
		B17
		B21
		B25
Compliance Area Name:	**AREA PESTPCB-1**	**Boring ID**
		B99
		B100
		B106
		B107
		B113
		B114
		B115
Compliance Area Name:	**AREA PESTPCB-2**	**Boring ID**
		B33
		B37
		B41
		B45
		B49
		B53
		B57
		B61
		B66
Compliance Area Name:	**AREA METALS-1**	**Boring ID**
		B20

B21
B24
B25
B28
B29
B32
B33
B36
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