FINAL

Remedial Investigation Report for Near-Surface Soils

M-8 Landfill Site

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

Directorate of Public Works

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201 Gibraltar Road, Suite 100
Horsham, Pennsylvania 19044

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PREPARED BY:

201 GIBRALTAR ROAD, SUITE 100
HORSHAM, PA 19044

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EXECUTIVE SUMMARY

To demonstrate compliance equivalence of the existing soil cover over the M-8 Landfill Site with respect to the Solid Waste Disposal Act of 1965, DPW characterized the near-surface soils using 250 borings installed at strategic locations over the site. DPW performed soil borings and obtained soil samples between November 1998 and June 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 PCBs and metals were detected exceeding the NJDEP RDCSCC. In all cases, further analysis of the analytical results did not define a "source area" or level of contamination that necessitated the identification and evaluation of potential remedial actions. In most cases, either the calculated compliance average was below the respective RDCSCC or the exceedence was considered marginal. However, to address the exceedences of analytes that did not meet cleanup criteria in the near surface soils, the DPW will incorporate a document equivalent to a Declaration of Environmental Restriction (DER) into the Fort Monmouth Master Plan for soils at the site. The Army is requesting a ***No Further Action*** determination for these parameters. The DER equivalent may be developed for the entire M-8 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-8 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-8 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-8 Landfill Site. The M-8 Landfill Site is located on north of Buildings T-692 and S-697 on the Main Post of Fort Monmouth. This RIR presents a compilation of the results of remedial investigation conducted at the M-8 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-8 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-8 Landfill Site located at Fort Monmouth. **Section 3.0** describes and summarizes the soil sampling activities conducted at the M-8 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-8 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-8 Landfill was a former historic fill site located north of Buildings T-692 and S-697 and south of and adjacent to Parkers Creek on the Main Post. The historic fill reportedly contained domestic and industrial wastes. The approximate size of the M-8 Landfill Site area is 315,000 feet^2 (7.2 acres). Based on historical research, the period of operation of the fill site was approximately 1962 to 1981.

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-8 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-8 Landfill Site are included in the Weston SI report. Initial field investigation activities were performed between November 1994 and March 1995. The field investigation activities included groundwater monitoring well installation and sampling 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 wood, glass and wire fragments intermixed with silty sand and clay.

2.3 Environmental Setting

The following is a description of the geological/hydrogeological setting of the area surrounding the M-8 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-8 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-8 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 wood, glass and wire fragments intermixed with silty sand and clay. Groundwater saturation was observed at approximately 2-8 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 north toward Parkers Creek.

2.3.2 Hydrogeology

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

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

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

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

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

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

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

2.3.3 Soils

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

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

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

2.3.4 Topography and Surface Drainage

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

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

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

The M-8 Landfill Site is located on the south side and adjacent to Parkers Creek, 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-8 Landfill Site is likely to flow northward into Parkers Creek.

3.0 SITE ACTIVITIES

The DPW conducted this remedial investigation in accordance that the NJDEP Technical Requirements for Site Remediation (N.J.A.C. 26:E) to characterize near surface soils and assess potential risks to human health or the environment. The remedial investigation activities consisted of the collection of near-surface soil samples at the M-8 Landfill Site. Remedial investigation activities were performed from November 1998 and continued through June 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-8 Landfill Site are described below.

The DPW characterized the near-surface soils at the M-8 Landfill Site by completing 250 borings (B01-B250) 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 500 soil samples were collected from the 250 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-8 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-8 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-8 Landfill Site were conducted at the Fort Monmouth Environmental Testing Laboratory (FMETL), a New Jersey certified laboratory (Certification No. 13461). The locations of these 250 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-8 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 500 soil samples collected from 250 borings at the M-8 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 250 borings at the M-8 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-8 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 250 soil borings.

4.1.2 SVOCs

SVOC analyses were conducted on soil samples collected from the 250 soil borings at the M-8 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 50 of the 250 soil boring locations. The borings that presented exceedences of SVOCs are listed in **Table 4-2**. Eleven SVOCs were detected in site soils at concentrations above the RDCSCC. The 11 SVOCs that exceeded the RDCSCC are, with number of exceedences in parentheses, Benzo(a)anthracene (33), Benzo(a)pyrene (47), Benzo(b)fluoranthene (34), Benzo(k)fluoranthene (34), Chrysene (7), Dibenz(a,h)anthracene (10), Fluoranthene (2), Hexachlorobenzene (1), Indeno(1,2,3-cd)pyrene (15), Naphthalene (2) and Pyrene (2). **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 33 of the site soil samples above the RDCSCC of 0.9 mg/kg. The exceedence concentrations ranged from a minimum of 0.92 mg/kg (B69) to a maximum of 2,500 mg/kg (B144). The average exceedence concentration for Benzo(a)anthracene is 139.30 mg/kg.

- Benzo(a)pyrene was detected in 47 site soil samples above the RDCSCC of 0.66 mg/kg. The exceedence concentrations ranged from a minimum of 0.69 mg/kg (B177) to a maximum of 4,500 mg/kg (B144). The average exceedence concentration for Benzo(a)pyrene is 153.0 mg/kg.

- Benzo(b)fluoranthene was detected in 34 of the site soil samples above the RDCSCC of 0.9 mg/kg. The exceedence concentrations ranged from a minimum of 0.93 mg/kg (B22) to a maximum of 5,400 mg/kg (B144). The average exceedence concentration for Benzo(b)fluoranthene exceedences is 236.84 mg/kg.

- Benzo(k)fluoranthene was detected in 34 of the site soil samples above the RDCSCC of 0.9 mg/kg. The exceedence concentrations ranged from a minimum of 0.92 mg/kg (B165) to a maximum of 3,100 mg/kg (B144). The average exceedence concentration for Benzo(k)fluoranthene is 160.35 mg/kg.

- Chrysene was detected in seven site soil samples above the RDCSCC of 9.0 mg/kg. The exceedence concentrations ranged from a minimum of 13.0 mg/kg (B250) to a maximum of 3,800 mg/kg (B144). The average exceedence concentration for Chrysene is 917.71 mg/kg.

- Dibenz(a,h)anthracene was detected in ten of the site soil samples above the RDCSCC of 0.66 mg/kg. The exceedence concentrations ranged from a minimum of 0.82 mg/kg (B63) to a maximum of 850 mg/kg (B144). The average of the Dibenz(a,h)anthracene exceedences is 128.72 mg/kg.

- Fluoranthene was detected in two of the site soil samples above the RDCSCC of 2,300 mg/kg. The exceedence concentrations ranged from a minimum of 4,500 mg/kg (B141) to a maximum of 7,200 mg/kg (B144). The average exceedence concentration for Fluoranthene is 5,850.0 mg/kg.

- Hexachlorobenzene was detected in one site soil sample above the RDCSCC of 0.66 mg/kg at a concentration of 2.0 mg/kg (B204).

- Indeno(1,2,3-cd)pyrene was detected in 15 of the site soil samples above the RDCSCC of 0.9 mg/kg. The exceedence concentrations ranged from a minimum of 1.1 mg/kg (B184) to a maximum of 1,200 mg/kg (B144). The average exceedence concentration for Indeno(1,2,3-cd)pyrene is 129.79 mg/kg.

- Naphthalene was detected in two of the site soil samples above the RDCSCC of 230 mg/kg. The exceedence concentrations ranged from a minimum of 720

mg/kg (B141) to a maximum of 950 mg/kg (B144). The average exceedence concentration for Naphthalene is 835.0 mg/kg.

- Pyrene was detected in two of the site soil samples above the RDCSCC of 1,700 mg/kg. The exceedence concentrations ranged from a minimum of 2,900 mg/kg (B141) to a maximum of 7,400 mg/kg (B144). The average exceedence concentration for Pyrene is 5,150.0 mg/kg.

4.1.3 Pesticides and PCBs

Pesticide and PCB analyses were conducted on soil samples collected from the 250 borings at the M-8 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 250 borings was analyzed for 19 pesticides and seven PCB compounds.

Soil cleanup criteria for pesticides were exceeded in ten of the 250 soil boring locations. The borings that presented exceedences of pesticides are listed in **Table 4-2**. Five pesticides were detected in site soils at concentrations above the RDCSCC. The five pesticides that exceeded the RDCSCC are, with number of exceedences in parentheses, 4,4'-DDD (3), 4,4'-DDE (1), 4,4'-DDT (1), Dieldrin (5) and Heptachlor (1). **Table 4-3** presents a summary of the results, identifying the maximum, minimum and average exceedences for each of these parameters. A discussion of these exceedences is presented below.

- 4,4'-DDD was detected in three of the site soil samples above the RDCSCC of 3.0 mg/kg. The exceedence concentrations ranged from a minimum of 3.632 mg/kg (B223) to a maximum of 9.331 mg/kg (B220). The average exceedence concentration for 4,4'-DDD is 5.61 mg/kg.

- 4,4'-DDE was detected in one site soil sample above the RDCSCC of 2.0 mg/kg at a concentration of 2.108 mg/kg (B200).

- 4,4'-DDT was detected in one site soil sample above the RDCSCC of 2.0 mg/kg at a concentration of 3.771 mg/kg (B200).

- Dieldrin was detected in five of the site soil samples above the RDCSCC of 0.042 mg/kg. The exceedence concentrations ranged from a minimum of 0.055 mg/kg (B163) to a maximum of 0.128 mg/kg (B77). The average exceedence concentration for Dieldrin is 0.10 mg/kg.

- Heptachlor was detected in one site soil samples above the RDCSCC of 0.15 mg/kg at a concentration of 1.267 mg/kg (B117).

Soil cleanup criteria for PCBs were exceeded in 13 of the 250 soil boring locations. The borings that presented exceedences of PCBs are listed in **Table 4-2**. Three PCBs were

detected in site soils at concentrations above the RDCSCC. The three PCBs that exceeded the RDCSCC are, with number of exceedences in parentheses, Arochlor 1016 (1), Arochlor 1242 (6) and Arochlor 1260 (6). **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.

- Arochlor 1016 was detected in one site soil sample above the RDCSCC of 0.49 mg/kg at a concentration of 4.763 mg/kg (B64).

- Arochlor 1242 was detected in six of the site soil samples above the RDCSCC of 0.49 mg/kg. The exceedence concentrations ranged from a minimum of 4.634 mg/kg (B158) to a maximum of 5,654.281 mg/kg (B164). The average exceedence concentration for Arochlor 1242 is 958.42 mg/kg.

- Arochlor 1260 was detected in six of the site soil samples above the RDCSCC of 0.49 mg/kg. The exceedence concentrations ranged from a minimum of 0.665 mg/kg (B124) to a maximum of 20.06 mg/kg (B153). The average exceedence concentration for Arochlor 1260 is 4.92 mg/kg.

4.1.4 Metals

The soil samples from the 250 borings (see **Figure 4-3**) were analyzed for 24 TAL metals. The samples were collected from depths of 6-12 inches. A total of 12 metals were detected at concentrations above their respective RDCSCC at 57 of 250 boring locations. The borings that contained exceedences of metals are listed in **Table 4-2**. The 12 metals that exceeded the RDCSCC in the borings are, with the number of exceedences in parentheses, Antimony (17), Arsenic (10), Barium (2), Beryllium (11), Copper (3), Lead (23), Mercury (4), Nickel (1), Selenium (2), Silver (1), Thallium (2) and Zinc (3). **Table 4-3** presents a summary of the results, presenting the maximum, minimum and average exceedences for each of these parameters. A discussion of these exceedences is presented below.

- Antimony was detected in 17 of the site soil samples above the RDCSCC of 14 mg/kg. The exceedence concentrations ranged from a minimum of 14.1 mg/kg (B08) to a maximum of 152 mg/kg (B99). The average exceedence concentration for Antimony is 50.12 mg/kg.

- Arsenic was detected in ten of the site soil samples above the RDCSCC of 20 mg/kg. The exceedence concentrations ranged from a minimum of 20.7 mg/kg (B21U) to a maximum of 9,580 mg/kg (B185). The average exceedence concentration for Arsenic is 996.98 mg/kg.

- Barium was detected in two of the site soil samples above the RDCSCC of 700 mg/kg. The exceedence concentrations ranged from a minimum of 783 mg/kg

(B135) to a maximum of 984 mg/kg (B141). The average exceedence concentration for Barium is 883.50 mg/kg.

- Beryllium was detected in 11 of the site soil samples above the RDCSCC of 2.0 mg/kg. The exceedence concentrations ranged from a minimum of 2.05 mg/kg (B73) to a maximum of 44.6 mg/kg (B185). The average exceedence concentration for Beryllium is 9.90 mg/kg.

- Copper was detected above the RDCSCC of 600 mg/kg in three site soil samples. The exceedence concentrations ranged from a minimum of 692 mg/kg (B146) to a maximum of 1,160 mg/kg (B17). The average exceedence concentration for Copper is 960.67 mg/kg.

- Lead was detected above the RDCSCC of 400 mg/kg in 23 site soil samples. The exceedence concentrations ranged from a minimum of 445 mg/kg (B04) to a maximum of 5,050 mg/kg (B220). The average exceedence concentration for Lead is 1,141.57 mg/kg.

- Mercury was detected above the RDCSCC of 14 mg/kg in four site soil samples. The exceedence concentrations ranged from a minimum of 16.6 mg/kg (B197) to a maximum of 216 mg/kg (B198). The average exceedence concentration for Mercury is 68.17 mg/kg.

- Nickel was detected above the RDCSCC of 250 mg/kg in one site soil sample at a concentration of 7,330 mg/kg (B245).

- Selenium was detected above the RDCSCC of 63 mg/kg in two site soil samples. The exceedence concentrations ranged from a minimum of 87.7 mg/kg (B85) to a maximum of 119 mg/kg (B86). The average exceedence concentration for Selenium is 103.35 mg/kg.

- Silver was detected above the RDCSCC of 110 mg/kg in one site soil sample at a concentration of 124 mg/kg (B40NN).

- Thallium was detected above the RDCSCC of 2.0 mg/kg in two site soil samples. The exceedence concentrations ranged from a minimum of 86.9 mg/kg (B85) to a maximum of 119 mg/kg (B86). The average exceedence concentration for Thallium is 102.95 mg/kg.

- Zinc was detected above the RDCSCC of 1,500 mg/kg in three site soil samples. The exceedence concentrations ranged from a minimum of 1,710 mg/kg (B67) to a maximum of 9,550 mg/kg (B919). The average exceedence concentration for Zinc is 4,493.33 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-8 Landfill Site was to complete the soil sampling analysis. The analytical results from the 500 soil samples collected from 250 borings at the M-8 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-8 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-8 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-8 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-8 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-8 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 250 soil borings. This finding supports a No Further Action determination relative to VOCs in near-surface soils at the M-8 Landfill Site.

4.3.2 SVOCs

Eleven 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, Fluoranthene, Hexachlorobenzene, Indeno(1,2,3-cd)pyrene, Naphthalene and Pyrene. For the purposes of compliance analysis, the sample locations with exceedences of the RDCSCC for SVOCs have been grouped into three areas, AREA SVOC-1, AREA SVOC-2 and AREA SVOC-3. 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, AREA SVOC-2 and AREA SVOC-3)

Benzo(a)anthracene was detected in 33 of the site soil samples above the RDCSCC of 0.9 mg/kg at concentrations ranging from 0.92 mg/kg to 2,500 mg/kg (average exceedence concentration of 139.30 mg/kg). Because the maximum concentration of Benzo(a)anthracene was greater than the 10X ceiling limit of 9.0 mg/kg in AREA SVOC-2 and AREA SVOC-3, compliance averaging was not appropriate for Benzo(a)anthracene for these areas of the M-8 Landfill Site.

Compliance averaging conducted for Benzo(a)anthracene in AREA SVOC-1 yielded the compliance average concentration of 0.943 mg/kg. Therefore, the compliance average for Benzo(a)anthracene in AREA SVOC-1 is marginally above the RDCSCC of 0.9 mg/kg and is not of concern.

Due to the limited presence of Benzo(a)anthracene in the areas of the site identified as AREA SVOC-2 and AREA SVOC-3 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-8 Landfill Site (AREA SVOC-2 and AREA SVOC-3) 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-8 Landfill Site.

Benzo(a)pyrene (AREA SVOC-1, AREA SVOC-2 and AREA SVOC-3)

Benzo(a)pyrene was detected in 47 site soil samples above the RDCSCC of 0.66 mg/kg at concentrations ranging from 0.69 mg/kg to 4,500 mg/kg (average exceedence concentration of 153.0 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-8 Landfill Site with respect to Benzo(a)pyrene.

Due to the limited presence of Benzo(a)pyrene in the areas of the M-8 Landfill Site identified as AREA SVOC-1, AREA SVOC-2 and AREA SVOC-3 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-8 Landfill Site (AREA SVOC-1, AREA SVOC-2 and AREA SVOC-3) 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-8 Landfill Site.

Benzo(b)fluoranthene (AREA SVOC-1, AREA SVOC-2 and AREA SVOC-3)

Benzo(b)fluoranthene was detected in 34 of the site soil samples above the RDCSCC of 0.9 mg/kg at concentrations ranging from 0.93 mg/kg to 5,400 mg/kg (average exceedence concentration of 236.84 mg/kg). Because the maximum concentration of Benzo(b)fluoranthene was greater than the 10X ceiling limit of 9 mg/kg in AREA SVOC-2 and AREA SVOC-3, compliance averaging was not appropriate for Benzo(b)fluoranthene for these areas of the M-8 Landfill Site.

Compliance averaging was conducted for Benzo(b)fluoranthene in AREA SVOC-1 and found to be 0.758mg/kg. Therefore, the compliance average for Benzo(b)fluoranthene in AREA SVOC-1 is below the RDCSCC of 0.9 mg/kg and is not of concern.

Due to the limited presence of Benzo(b)fluoranthene in the areaS of the site identified as AREA SVOC-2 and AREA SVOC-3 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-8 Landfill Site (AREA SVOC-2 and AREA SVOC-3) 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-8 Landfill Site.

Benzo(k)fluoranthene (AREA SVOC-1, AREA SVOC-2 and AREA SVOC-3)

Benzo(k)fluoranthene was detected in 34 of the site soil samples above the RDCSCC of 0.9 mg/kg at concentrations ranging from 0.92 mg/kg to 3,100 mg/kg (average exceedence concentration of 160.35 mg/kg). Because the maximum concentration of Benzo(k)fluoranthene was greater than the 10X ceiling limit of 9.0 mg/kg in AREA SVOC-2 and AREA SVOC-3, compliance averaging was not appropriate for Benzo(k)fluoranthene for these areas of the M-8 Landfill Site.

Compliance averaging was conducted for Benzo(k)fluoranthene in AREA SVOC-1 and found to be 0.689mg/kg. Therefore, the compliance average for Benzo(k)fluoranthene in AREA SVOC-1 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 areas of the site identified as AREA SVOC-2 and AREA SVOC-3 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-8 Landfill Site (AREA SVOC-2 and AREA SVOC-3) 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-8 Landfill Site.

Chrysene (AREA SVOC-1, AREA SVOC-2 and AREA SVOC-3)

Chrysene was detected in seven site soil samples above the RDCSCC of 9.0 mg/kg at concentrations of 13.0 mg/kg and 3,800 mg/kg (average exceedence concentration of 917.71 mg/kg). Because the maximum concentration of Chrysene was greater than the 10X ceiling limit of 90 mg/kg in AREA SVOC-2 and AREA SVOC-3, compliance averaging was not appropriate for Chrysene for these areas of the M-8 Landfill Site.

Compliance averaging conducted for Chrysene in AREA SVOC-1 yielded the compliance average concentration of 1.11 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.

Due to the limited presence of Chrysene in the areas of the site identified as AREA SVOC-2 and AREA SVOC-3 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 Chrysene at the M-8 Landfill Site (AREA SVOC-2 and AREA SVOC-3) and will be protective of human health and the environment. The DER equivalent and compliance averaging approach support a No Further Action determination for Chrysene in near-surface soils at the M-8 Landfill Site.

Dibenz(a,h)anthracene (AREA SVOC-1, AREA SVOC-2 and AREA SVOC-3)

Dibenz(a,h)anthracene was detected in ten of the site soil samples above the RDCSCC of 0.66 mg/kg at concentrations ranging from 0.82 mg/kg to 850 mg/kg (average exceedence concentration of 128.72 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, AREA SVOC-2 and AREA SVOC-3 at the M-8 Landfill Site with respect to Dibenz(a,h)anthracene.

Due to the limited presence of Dibenz(a,h)anthracene in the areas of the M-8 Landfill Site identified as AREA SVOC-1, AREA SVOC-2 and AREA SVOC-3 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-8 Landfill Site (AREA SVOC-1, AREA SVOC-2 and AREA SVOC-3) 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-8 Landfill Site.

Fluoranthene (AREA SVOC-2)

Fluoranthene was detected in two of the site soil samples above the RDCSCC of 2,300 mg/kg at concentrations ranging from 4,500 mg/kg to 7,200 mg/kg (average exceedence concentration of 5,850.0 mg/kg). Because the maximum concentration of Fluoranthene was greater than the 2X ceiling limit of 4,600 mg/kg in AREA SVOC-2, compliance averaging was not appropriate for Fluoranthene for this area of the M-8 Landfill Site.

Due to the limited presence of Fluoranthene in the area of the site identified as 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 Fluoranthene at the M-8 Landfill Site (AREA SVOC-2) and will be protective of human health and the environment. The DER equivalent and compliance averaging approach support a No Further Action determination for Fluoranthene in near-surface soils at the M-8 Landfill Site.

Hexachlorobenzene (AREA SVOC-1)

Hexachlorobenzene was detected in one site soil sample above the RDCSCC of 0.66 mg/kg at a concentration ranging of 2.0 mg/kg.

Compliance averaging conducted for Hexachlorobenzene in AREA SVOC-1 yielded the compliance average concentration of 0.593 mg/kg. Therefore, the compliance average for Hexachlorobenzene in AREA SVOC-1 is below the RDCSCC of 0.66 mg/kg and is not of concern.

These findings support a No Further Action determination for Hexachlorobenzene in near-surface soils at the M-8 Landfill Site.

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

Indeno(1,2,3-cd)pyrene was detected in 15 of the site soil samples above the RDCSCC of 0.9 mg/kg at concentrations ranging from 1.1 mg/kg to 1,200 mg/kg (average exceedence concentration of 129.79 mg/kg). Because the maximum concentration of Indeno(1,2,3-cd)pyrene was greater than the 10X ceiling limit of 9.0 mg/kg in AREA SVOC-2 and AREA SVOC-3, compliance averaging was not appropriate for Indeno(1,2,3-cd)pyrene for these areas of the M-8 Landfill Site.

Compliance averaging conducted for Indeno(1,2,3-cd)pyrene in AREA SVOC-1 yielded the compliance average concentration of 0.566 mg/kg. Therefore, the compliance average for Indeno(1,2,3-cd)pyrene in AREA SVOC-1 is below the RDCSCC of 0.9 mg/kg and is not of concern.

Due to the limited presence of Indeno(1,2,3-cd)pyrene in the areas of the site identified as AREA SVOC-2 and AREA SVOC-3 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-8 Landfill Site (AREA SVOC-2 and AREA SVOC-3) and will be protective of human health and the environment. The DER equivalent and compliance averaging approach support a No Further Action determination for Indeno(1,2,3-cd)pyrene in near-surface soils at the M-8 Landfill Site.

Naphthalene (AREA SVOC-2)

Naphthalene was detected in two of the site soil samples above the RDCSCC of 230 mg/kg at concentrations ranging from 720 mg/kg to 950 mg/kg (average exceedence concentration of 835.0 mg/kg). Because the maximum concentration of Naphthalene was greater than the 2X ceiling limit of 460 mg/kg in AREA SVOC-2, compliance averaging was not appropriate for Naphthalene for this area of the M-8 Landfill Site.

Due to the limited presence of Naphthalene in the area of the site identified as 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 Naphthalene at the M-8 Landfill Site (AREA SVOC-2) and will be protective of human health and the environment. The DER equivalent and compliance averaging approach support a No Further Action determination for Naphthalene in near-surface soils at the M-8 Landfill Site.

Pyrene (AREA SVOC-2)

Pyrene was detected in two of the site soil samples above the RDCSCC of 1,700 mg/kg at concentrations ranging from 2,900 mg/kg to 7,400 mg/kg (average exceedence concentration of 5,150.0 mg/kg). Because the maximum concentration of Pyrene was

greater than the 2X ceiling limit of 3,400 mg/kg in AREA SVOC-2, compliance averaging was not appropriate for Pyrene for this area of the M-8 Landfill Site.

Due to the limited presence of Pyrene in the area of the site identified as 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 Pyrene at the M-8 Landfill Site (AREA SVOC-2) and will be protective of human health and the environment. The DER equivalent and compliance averaging approach support a No Further Action determination for Pyrene in near-surface soils at the M-8 Landfill Site.

4.3.3 Pesticides and PCBs

Five pesticides were detected in site soils at concentrations above their respective RDCSCC: 4,4'-DDD, 4,4'-DDE, 4,4'-DDT, Dieldrin and Heptachlor. For the purposes of compliance analysis, the sample locations with exceedences of the RDCSCC for pesticides have been grouped into three areas, AREA PESTPCB-1, AREA PESTPCB-2 and AREA PESTPCB-3. 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'-DDD (AREA PESTPCB-1 and AREA PESTPCB-2)

4,4'-DDD was detected in three of the site soil samples above the RDCSCC of 3.0 mg/kg at concentrations ranging from 3.632 mg/kg to 9.331 mg/kg (average exceedence concentration of 5.61 mg/kg).

Compliance averaging for 4,4'-DDD in AREA PESTPCB-1 yielded the compliance average concentration of 0.574 mg/kg. Therefore, the compliance average for 4,4'-DDD in AREA PESTPCB-1 is below the RDCSCC of 3.0 mg/kg and is not of concern.

Compliance averaging for 4,4'-DDD in AREA PESTPCB-2 yielded the compliance average concentration of 0.340 mg/kg. Therefore, the compliance average for 4,4'-DDD in AREA PESTPCB-2 is below the RDCSCC of 3.0 mg/kg and is not of concern.

These findings support a No Further Action determination for 4,4'-DDD in near-surface soils at the M-8 Landfill Site.

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

4,4'-DDE was detected in one site soil sample above the RDCSCC of 2.0 mg/kg at a concentration of 2.108 mg/kg.

Compliance averaging for 4,4'-DDE in AREA PESTPCB-1 yielded the compliance average concentration of 0.190 mg/kg. Therefore, the compliance average for 4,4'-DDE in AREA PESTPCB-1 is below the RDCSCC of 2.0 mg/kg and is not of concern.

These findings support a No Further Action determination for 4,4'-DDE in near-surface soils at the M-8 Landfill Site.

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

4,4'-DDT was detected in one site soil sample above the RDCSCC of 2.0 mg/kg at a concentration of 3.771 mg/kg.

Compliance averaging for 4,4'-DDT in AREA PESTPCB-1 yielded the compliance average concentration of 0.379 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.

These findings support a No Further Action determination for 4,4'-DDT in near-surface soils at the M-8 Landfill Site.

Dieldrin (AREA PESTPCB-2 and AREA PESTPCB-3)

Dieldrin was detected in five of the site soil samples above the RDCSCC of 0.042 mg/kg at concentrations ranging from 0.055 mg/kg to 0.128 mg/kg (average exceedence concentration of 0.10 mg/kg).

Compliance averaging for Dieldrin in AREA PESTPCB-2 yielded the compliance average concentration of 0.032 mg/kg. Therefore, the compliance average for Dieldrin in AREA PESTPCB-2 is below the RDCSCC of 0.042 mg/kg and is not of concern.

Compliance averaging for Dieldrin in AREA PESTPCB-3 yielded the compliance average concentration of 0.022 mg/kg. Therefore, the compliance average for Dieldrin in AREA PESTPCB-3 is below the RDCSCC of 0.042 mg/kg and is not of concern.

These findings support a No Further Action determination for Dieldrin in near-surface soils at the M-8 Landfill Site.

Heptachlor (AREA PESTPCB-1)

Heptachlor was detected in one site soil sample above the RDCSCC of 0.15 mg/kg at a concentration of 1.267 mg/kg.

Compliance averaging for Heptachlor in AREA PESTPCB-1 yielded the compliance average concentration of 1.267 mg/kg. Therefore, the compliance average for Heptachlor in AREA PESTPCB-1 is marginally above the RDCSCC of 0.49 mg/kg and is not of concern.

These findings support a No Further Action determination for Heptachlor in near-surface soils at the M-8 Landfill Site.

Three PCBs were detected in site soils at concentrations above their respective RDCSCC: Arochlor 1016, Arochlor 1242 and Arochlor 1260. For the purposes of compliance analysis, the sample locations with exceedences of the RDCSCC for PCBs have been grouped into three areas, AREA PESTPCB-1, AREA PESTPCB-2 and AREA PESTPCB-3. 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**.

Arochlor 1016 (AREA PESTPCB-2)

Arochlor 1016 was detected in one site soil sample above the RDCSCC of 0.49 mg/kg at a concentration of 4.763 mg/kg.

Compliance averaging for Arochlor 1016 in AREA PESTPCB-2 yielded the compliance average concentration of 0.382 mg/kg. Therefore, the compliance average for Arochlor 1016 in AREA PESTPCB-2 is below the RDCSCC of 0.49 mg/kg and is not of concern.

These findings support a No Further Action determination for Arochlor 1016 in near-surface soils at the M-8 Landfill Site.

Arochlor 1242 (AREA PESTPCB-2 and AREA PESTPCB-3)

Arochlor 1242 was detected in six site soil samples above the RDCSCC of 0.49 mg/kg at concentrations ranging from 4.634 mg/kg to 5,654.281 mg/kg. Because the maximum concentration of Arochlor 1242 was greater than the 10X ceiling limit of 4.9 mg/kg in AREA PESTPCB-2 and AREA PESTPCB-3, compliance averaging was not appropriate for Arochlor 1242 for these areas of the M-8 Landfill Site.

Due to the limited presence of Arochlor 1242 in the areas of the site identified as AREA PESTPCB-2 and AREA PESTPCB-3 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 Arochlor 1242 at the M-8 Landfill Site (AREA PESTPCB-2 and AREA PESTPCB-3) and will be protective of human health and the environment. The DER equivalent and compliance averaging approach support a No Further Action determination for Arochlor 1242 in near-surface soils at the M-8 Landfill Site.

Arochlor 1260 (AREA PESTPCB-1 and AREA PESTPCB-2)

Arochlor 1260 was detected in six of the site soil samples above the RDCSCC of 0.49 mg/kg at concentrations ranging from 0.665 mg/kg to 20.06 mg/kg (average exceedence concentration of 4.92 mg/kg). Because the maximum concentration of Arochlor 1260

was greater than the 10X ceiling limit of 4.9 mg/kg in AREA PESTPCB-2, compliance averaging was not appropriate for Arochlor 1260 for this area of the M-8 Landfill Site.

Compliance averaging for Arochlor 1260 in AREA PESTPCB-1 yielded the compliance average concentration of 1.169 mg/kg. Therefore, the compliance average for Arochlor 1260 in AREA PESTPCB-1 is marginally above the RDCSCC of 0.49 mg/kg and is not of concern.

Due to the limited presence of Arochlor 1260 in the area of the site identified as AREA PESTPCB-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 Arochlor 1260 at the M-8 Landfill Site (AREA PESTPCB-2) and will be protective of human health and the environment. The DER equivalent and compliance averaging approach support a No Further Action determination for Arochlor 1260 in near-surface soils at the M-8 Landfill Site.

4.3.4 Metals

Twelve metals were detected at concentrations above their respective RDCSCC: Antimony, Arsenic, Barium, Beryllium, Copper, Lead, Mercury, Nickel, Selenium, Silver, Thallium and Zinc. For the purpose of compliance analysis, the sample locations with exceedences of the RDCSCC for metals have been grouped into one area, AREA METALS-1. The borings contained within these compliance average areas are labeled in **Figure 4-3** and listed in **Appendix F**. The compliance analysis method for these compounds is presented in **Table 4-4**.

Antimony (AREA METALS-1)

Antimony was detected above the RDCSCC of 14 mg/kg in 17 site soil samples at concentrations ranging from 14.1 mg/kg to 152 mg/kg (average exceedence concentration of 50.12 mg/kg). Because the maximum concentration of Antimony was greater than the 5X ceiling limit of 70 mg/kg in AREA METALS-1, compliance averaging was not appropriate for Antimony for this area of the M-8 Landfill Site.

Due to the limited presence of Antimony in the area of the M-8 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 Antimony at the M-8 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 Antimony in near-surface soils at the M-8 Landfill Site.

Arsenic (AREA METALS-1)

Arsenic was detected in ten of the site soil samples above the RDCSCC of 20 mg/kg at concentrations ranging from 20.7 mg/kg to 9,580 mg/kg (average exceedence concentration of 996.98 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-8 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-8 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-8 Landfill Site.

Barium (AREA METALS-1)

Barium was detected above the RDCSCC of 700 mg/kg in two site soil samples at concentrations ranging from 783 mg/kg to 984 mg/kg (average exceedence concentration of 883.5 mg/kg).

Compliance averaging conducted for Barium in AREA METALS-1 yielded the compliance average concentration of 69.785 mg/kg. Therefore, the compliance average for Barium in AREA METALS-1 is below the RDCSCC of 700 mg/kg and is not of concern.

These findings support a No Further Action determination relative to Barium in near-surface soils at the M-8 Landfill Site.

Beryllium (AREA METALS-1)

Beryllium was detected above the RDCSCC of 2.0 mg/kg in 11 site soil samples at concentrations ranging from 2.05 mg/kg to 44.6 mg/kg (average exceedence concentration of 9.90 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-8 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-8 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-8 Landfill Site.

Copper (AREA METALS-1)

Copper was detected above the RDCSCC of 600 mg/kg in three site soil samples at concentrations ranging from 692 mg/kg to 1,160 mg/kg (average exceedence concentration of 960.67 mg/kg).

Compliance averaging conducted for Copper in AREA METALS-1 yielded the compliance average concentration of 39.995 mg/kg. Therefore, the compliance average for Copper in AREA METALS-1 is below the RDCSCC of 600 mg/kg and is not of concern.

These findings support a No Further Action determination relative to Copper in near-surface soils at the M-8 Landfill Site.

Lead (AREA METALS-1)

Lead was detected above the RDCSCC of 400 mg/kg in 23 site soil samples at concentrations ranging from 445 mg/kg to 5,050 mg/kg (average exceedence concentration of 1,141.57 mg/kg). Because the maximum concentration of Lead was greater than the 2X ceiling limit of 800 mg/kg in AREA METALS-1, compliance averaging was not appropriate for Lead for this area of the M-8 Landfill Site.

Due to the limited presence of Lead in the area of the site identified as AREA METALS-1 at concentrations that are both above the RDCSCC and inappropriate for compliance averaging, the DPW will incorporate a document equivalent to a DER into the Fort Monmouth Master Plan. The DER equivalent will apply to soils presenting exceedences of Lead at the M-8 Landfill Site (AREA METALS-1) and will be protective of human health and the environment. The DER equivalent and compliance averaging approach support a No Further Action determination for Lead in near-surface soils at the M-8 Landfill Site.

Mercury (AREA METALS-2)

Mercury was detected above the RDCSCC of 14 mg/kg in four site soil samples at concentrations ranging from 16.6 mg/kg to 216 mg/kg (average exceedence concentration of 68.17 mg/kg). Because the maximum concentration of Mercury was greater than the 5X ceiling limit of 70 mg/kg in AREA METALS-1, compliance averaging was not appropriate for Mercury for this area of the M-8 Landfill Site.

Due to the limited presence of Mercury in the area of the site identified as AREA METALS-1 at concentrations that are both above the RDCSCC and inappropriate for compliance averaging, the DPW will incorporate a document equivalent to a DER into the Fort Monmouth Master Plan. The DER equivalent will apply to soils presenting

exceedences of Mercury at the M-8 Landfill Site (AREA METALS-1) and will be protective of human health and the environment. The DER equivalent and compliance averaging approach support a No Further Action determination for Mercury in near-surface soils at the M-8 Landfill Site.

Nickel (AREA METALS-1)

Nickel was detected above the RDCSCC of 250 mg/kg in one site soil sample at a concentration of 7,330 mg/kg. Because the maximum concentration of Nickel was greater than the 2X ceiling limit of 500 mg/kg in AREA METALS-1, compliance averaging was not appropriate for Nickel for this area of the M-8 Landfill Site.

Due to the limited presence of Nickel in the area of the site identified as AREA METALS-1 at concentrations that are both above the RDCSCC and inappropriate for compliance averaging, the DPW will incorporate a document equivalent to a DER into the Fort Monmouth Master Plan. The DER equivalent will apply to soils presenting exceedences of Nickel at the M-8 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 Nickel in near-surface soils at the M-8 Landfill Site.

Selenium (AREA METALS-1)

Selenium was detected above the RDCSCC of 63 mg/kg in two site soil samples at concentrations ranging from 87.7 mg/kg to 119 mg/kg (average exceedence concentration of 103.35 mg/kg).

Compliance averaging conducted for Selenium in AREA METALS-1 yielded the compliance average concentration of 1.667 mg/kg. Therefore, the compliance average for Selenium in AREA METALS-1 is below the RDCSCC of 63 mg/kg and is not of concern.

These findings support a No Further Action determination relative to Selenium in near-surface soils at the M-8 Landfill Site.

Silver (AREA METALS-1)

Silver was detected above the RDCSCC of 110 mg/kg in one site soil sample at a concentration of 124 mg/kg,

Compliance averaging conducted for Silver in AREA METALS-1 yielded the compliance average concentration of 1.870 mg/kg. Therefore, the compliance average for Silver in AREA METALS-1 is below the RDCSCC of 110 mg/kg and is not of concern.

These findings support a No Further Action determination relative to Silver in near-surface soils at the M-8 Landfill Site.

Thallium (AREA METALS-1)

Thallium was detected above the RDCSCC of 2.0 mg/kg in two site soil samples at concentrations ranging from 86.9 mg/kg to 119 mg/kg (average exceedence concentration of 102.95 mg/kg). Compliance averaging was not undertaken for Thallium because, as described in the Spring 1995 *Site Remediation News* (Volume 7, Number 2), the 2.0 mg/kg RDCSCC for Thallium is already much higher than the health based number for Thallium (0.0 mg/kg).

Due to the limited presence of Thallium in the area of the site identified as AREA METALS-1 at concentrations that are both above the RDCSCC and inappropriate for compliance averaging, the DPW will incorporate a document equivalent to a DER into the Fort Monmouth Master Plan. The DER equivalent will apply to soils presenting exceedences of Thallium at the M-8 Landfill Site (AREA METALS-1) and will be protective of human health and the environment. The DER equivalent and compliance averaging approach support a No Further Action determination for Thallium in near-surface soils at the M-8 Landfill Site.

Zinc (AREA METALS-1)

Zinc was detected above the RDCSCC of 1,500 mg/kg in three site soil samples at concentrations ranging from 1,710 mg/kg to 9,550 mg/kg (average exceedence concentration of 4,693.33 mg/kg). Because the maximum concentration of Zinc was greater than the 2X ceiling limit of 3000 mg/kg in AREA METALS-1, compliance averaging was not appropriate for Zinc for this area of the M-8 Landfill Site.

Due to the limited presence of Zinc in the area of the site identified as AREA METALS-1 at concentrations that are both above the RDCSCC and inappropriate for compliance averaging, the DPW will incorporate a document equivalent to a DER into the Fort Monmouth Master Plan. The DER equivalent will apply to soils presenting exceedences of Zinc at the M-8 Landfill Site (AREA METALS-1) and will be protective of human health and the environment. The DER equivalent supports a No Further Action determination for Zinc in near-surface soils at the M-8 Landfill Site.

5.0 CONCLUSIONS AND RECOMMENDATIONS

To demonstrate compliance equivalence of the existing soil cover over the M-8 Landfill Site with respect to the Solid Waste Disposal Act of 1965, DPW characterized the near-surface soils using 250 borings from strategic locations over the site. DPW installed soil borings and obtained soil samples between November 1998 and June 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 PCBs and metals were detected exceeding the NJDEP RDCSCC. **Table 4-6** provides a summary of the compliance analysis discussed in this RIR. In all cases, further analysis of the analytical results did not define a "source area" or level of contamination that necessitated the identification and evaluation of potential remedial actions. In most cases, either the calculated compliance average was below the respective RDCSCC or the exceedence was considered marginal (e.g., within 1 to 2 mg/kg of the RDCSCC). However, to address the exceedences of analytes that did not meet cleanup requirements in the near surface soils, the DPW will incorporate a document equivalent to a DER into the Fort Monmouth Master Plan for soils containing these exceedences. As discussed in **Section 2.3.2.**, the M-8 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-8 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)pyrene, and Dibenz(a,h)anthracene
- AREA SVOC-2: Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Chrysene, Dibenz(a,h)anthracene, Fluoranthene, Indeno(1,2,3-cd)pyrene, Naphthalene and Pyrene
- AREA SVOC-3: Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Chrysene, Dibenz(a,h)anthracene and Indeno(1,2,3-cd)pyrene
- AREA PESTPCB-2: Arochlor 1242 and Arochlor 1260
- AREA PESTPCB-3: Arochlor 1242
- AREA METALS-1: Antimony, Arsenic, Beryllium, Lead, Mercury, Nickel, Thallium and Zinc

Given the inactive and undisturbed status of the landfill, the performance of long-term surface water and groundwater monitoring proximate to the M-8 Landfill Site, the negligible impacts reported to-date, the lack of groundwater use at or downgradient of the

M-8 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-8 Landfill Site.

6.0 REFERENCES

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TABLES

Table 3-1
Soil Sample Collection Summary
M-8 Landfill
Fort Monmouth, New Jersey

Boring ID	Field Sample ID	Lab Sample ID	Depth	Date Collected	Matrix	Analytical Parameters	Analytical Methods
B1	B1 (6-12")	4045.02	(6-12")	11/10/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B1	B1 (24")	4045.03	(24")	11/10/1998	Soil	VOCs	Method 8260
B2	B2 (6-12")	4045.04	(6-12")	11/10/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B2	B2 (24")	4045.05	(24")	11/10/1998	Soil	VOCs	Method 8260
B3	B3 (6-12")	4045.06	(6-12")	11/10/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B3	B3 (24")	4045.07	(24")	11/10/1998	Soil	VOCs	Method 8260
B4	B4 (6-12")	4045.08	(6-12")	11/10/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B4	B4 (24")	4045.09	(24")	11/10/1998	Soil	VOCs	Method 8260
B5	B5 (6-12')	4045.10	(6-12')	11/10/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B5	B5 (24')	4045.11	(24')	11/10/1998	Soil	VOCs	Method 8260
B6	B6 (6-12')	4095.02	(6-12')	11/30/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B6	B6 (24')	4095.03	(24')	11/30/1998	Soil	VOCs	Method 8260
B7	B7 (6-12")	4095.04	(6-12")	11/30/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B7	B7 (24")	4095.05	(24")	11/30/1998	Soil	VOCs	Method 8260
B8	B8 (6-12")	4095.06	(6-12")	11/30/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B8	B8 (24")	4095.07	(24")	11/30/1998	Soil	VOCs	Method 8260
B9	B9 (6-12")	4095.08	(6-12")	11/30/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B9	B9 (24")	4095.09	(24")	11/30/1998	Soil	VOCs	Method 8260
B10	B10 (6-12")	4095.10	(6-12")	11/30/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B10	B10 (24")	4095.11	(24")	11/30/1998	Soil	VOCs	Method 8260
B11	B11 (6-12")	4095.12	(6-12")	11/30/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B11	B11 (24")	4095.13	(24")	11/30/1998	Soil	VOCs	Method 8260
B12	B12 (6-12")	4145.02	(6-12")	12/15/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B12	B12 (24")	4145.03	(24")	12/15/1998	Soil	VOCs	Method 8260
B13	B13 (6-12")	4145.04	(6-12")	12/15/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B13	B13 (24")	4145.05	(24")	12/15/1998	Soil	VOCs	Method 8260
B14	B14 (6-12")	4145.06	(6-12")	12/15/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B14	B14 (24")	4145.07	(24")	12/15/1998	Soil	VOCs	Method 8260
B15	B15 (6-12")	4145.08	(6-12")	12/16/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B15	B15 (24")	4145.09	(24")	12/16/1998	Soil	VOCs	Method 8260
B16	B16 (6-12")	4145.10	(6-12")	12/16/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B16	B16 (24")	4145.11	(24")	12/16/1998	Soil	VOCs	Method 8260
B17	B17 (6-12")	4145.12	(6-12")	12/16/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B17	B17 (24")	4145.13	(24")	12/16/1998	Soil	VOCs	Method 8260
B18	B18 (6-12")	4145.14	(6-12")	12/16/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B18	B18 (24')	4145.15	(24')	12/16/1998	Soil	VOCs	Method 8260
B19	B19 (6-12")	4145.16	(6-12")	12/16/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B19	B19 (24")	4145.17	(24")	12/16/1998	Soil	VOCs	Method 8260
B20	B20 (6-12")	4145.18	(6-12")	12/16/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B20	B20 (24")	4145.19	(24")	12/16/1998	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-8 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")	4145.20	(6-12")	12/16/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B21	B21 (24")	4145.21	(24")	12/16/1998	Soil	VOCs	Method 8260
B22	B22 (6-12")	4145.22	(6-12")	12/16/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B22	B22 (24")	4145.23	(24")	12/16/1998	Soil	VOCs	Method 8260
B23	B23 (6-12")	4145.24	(6-12")	12/16/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B23	B23 (24")	4145.25	(24")	12/16/1998	Soil	VOCs	Method 8260
B24	B24 (6-12")	4145.26	(6-12")	12/16/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B24	B24 (24")	4145.27	(24")	12/16/1998	Soil	VOCs	Method 8260
B25	B25 (6-12")	4145.28	(6-12")	12/16/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B25	B25 (24")	4145.29	(24")	12/16/1998	Soil	VOCs	Method 8260
B26	B26 (6-12")	4145.30	(6-12")	12/16/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B26	B26 (24')	4145.31	(24')	12/16/1998	Soil	VOCs	Method 8260
B27	B27 (6-12")	4145.32	(6-12")	12/16/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B27	B27 (24")	4145.33	(24")	12/16/1998	Soil	VOCs	Method 8260
B28	B28 (6-12')	4145.34	(6-12')	12/16/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B28	B28 (24")	4145.35	(24")	12/16/1998	Soil	VOCs	Method 8260
B29	B29 (6-12")	4194.02	(6-12")	1/19/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B29	B29 (24")	4194.03	(24")	1/19/1999	Soil	VOCs	Method 8260
B30	B30 (6-12")	4194.04	(6-12")	1/19/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B30	B30 (24")	4194.05	(24")	1/19/1999	Soil	VOCs	Method 8260
B31	B31 (6-12")	4194.06	(6-12")	1/19/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B31	B31 (24")	4194.07	(24")	1/19/1999	Soil	VOCs	Method 8260
B32	B32 (6-12")	4194.08	(6-12")	1/19/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B32	B32 (24")	4194.09	(24")	1/19/1999	Soil	VOCs	Method 8260
B33	B33 (6-12")	4194.10	(6-12")	1/19/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B33	B33 (24")	4194.11	(24")	1/19/1999	Soil	VOCs	Method 8260
B34	B34 (6-12")	4194.12	(6-12")	1/19/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B34	B34 (24")	4194.13	(24")	1/19/1999	Soil	VOCs	Method 8260
B35	B35 (6-12")	4194.14	(6-12")	1/19/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B35	B35 (24")	4194.15	(24")	1/19/1999	Soil	VOCs	Method 8260
B36	B36 (6-12")	4194.16	(6-12")	1/19/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B36	B36 (24")	4194.17	(24")	1/19/1999	Soil	VOCs	Method 8260
B37	B37 (6-12")	4194.18	(6-12")	1/19/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B37	B37 (24")	4194.19	(24")	1/19/1999	Soil	VOCs	Method 8260
B38	B38 (6-12")	4194.20	(6-12")	1/19/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B38	B38 (24")	4194.21	(24")	1/19/1999	Soil	VOCs	Method 8260
B39	B39 (6-12")	4194.22	(6-12")	1/19/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B39	B39 (24")	4194.23	(24")	1/19/1999	Soil	VOCs	Method 8260
B40	B40 (6-12")	4194.24	(6-12")	1/19/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B40	B40 (24")	4194.25	(24")	1/19/1999	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-8 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")	4194.26	(6-12")	1/19/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B41	B41 (24")	4194.27	(24")	1/19/1999	Soil	VOCs	Method 8260
B1A	B1A (6-12")	4351.02	(6-12")	3/16/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B1A	B1A (24")	4351.03	(24")	3/16/1999	Soil	VOCs	Method 8260
B2B	B2B (6-12")	4351.04	(6-12")	3/16/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B2B	B2B (24")	4351.05	(24")	3/16/1999	Soil	VOCs	Method 8260
B3C	B3C (6-12")	4351.06	(6-12")	3/16/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B3C	B3C (24")	4351.07	(24")	3/16/1999	Soil	VOCs	Method 8260
B4D	B4D (6-12")	4351.08	(6-12")	3/16/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B4D	B4D (24")	4351.09	(24")	3/16/1999	Soil	VOCs	Method 8260
B5E	B5E (6-12")	4351.10	(6-12")	3/16/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B5E	B5E (24")	4351.11	(24")	3/16/1999	Soil	VOCs	Method 8260
B6F	B6F (6-12")	4351.12	(6-12")	3/16/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B6F	B6F (24")	4351.13	(24")	3/16/1999	Soil	VOCs	Method 8260
B7G	B7G (6-12")	4351.14	(6-12")	3/16/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B7G	B7G (24")	4351.15	(24")	3/16/1999	Soil	VOCs	Method 8260
B8H	B8H (6-12")	4351.16	(6-12")	3/16/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B8H	B8H (24")	4351.17	(24")	3/16/1999	Soil	VOCs	Method 8260
B9I	B9I (6-12")	4351.18	(6-12")	3/16/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B9I	B9I (24")	4351.19	(24")	3/16/1999	Soil	VOCs	Method 8260
B10J	B10J (6-12")	4351.20	(6-12")	3/16/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B10J	B10J (24")	4351.21	(24")	3/16/1999	Soil	VOCs	Method 8260
B11K	B11K (6-12")	4351.22	(6-12")	3/16/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B11K	B11K (24")	4351.23	(24")	3/16/1999	Soil	VOCs	Method 8260
B12L	B12L (6-12")	4351.24	(6-12")	3/16/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B12L	B12L (24")	4351.25	(24")	3/16/1999	Soil	VOCs	Method 8260
B13M	B13M (6-12")	4351.26	(6-12")	3/16/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B13M	B13M (24")	4351.27	(24")	3/16/1999	Soil	VOCs	Method 8260
B14N	B14N (6-12")	4354.02	(6-12")	3/17/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B14N	B14N (24")	4354.03	(24")	3/17/1999	Soil	VOCs	Method 8260
B15O	B15O (6-12")	4354.04	(6-12")	3/17/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B15O	B15O (24")	4354.05	(24")	3/17/1999	Soil	VOCs	Method 8260
B16P	B16P (6-12")	4354.06	(6-12")	3/17/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B16P	B16P (24")	4354.07	(24")	3/17/1999	Soil	VOCs	Method 8260
B17Q	B17Q (6-12")	4354.08	(6-12")	3/17/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B17Q	B17Q (24")	4354.09	(24")	3/17/1999	Soil	VOCs	Method 8260
B18R	B18R (6-12")	4354.10	(6-12")	3/17/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B18R	B18R (24")	4354.11	(24")	3/17/1999	Soil	VOCs	Method 8260
B19S	B19S (6-12")	4354.12	(6-12")	3/17/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B19S	B19S (24")	4354.13	(24")	3/17/1999	Soil	VOCs	Method 8260

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Table 3-1
Soil Sample Collection Summary
M-8 Landfill
Fort Monmouth, New Jersey

Boring ID	Field Sample ID	Lab Sample ID	Depth	Date Collected	Matrix	Analytical Parameters	Analytical Methods
B20T	B20T (6-12")	4354.14	(6-12")	3/17/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B20T	B20T (24")	4354.15	(24")	3/17/1999	Soil	VOCs	Method 8260
B21U	B21U (6-12")	4354.16	(6-12")	3/17/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B21U	B21U (24")	4354.17	(24")	3/17/1999	Soil	VOCs	Method 8260
B22V	B22V (6-12")	4354.18	(6-12")	3/17/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B22V	B22V (24")	4354.19	(24")	3/17/1999	Soil	VOCs	Method 8260
B23W	B23W (6-12")	4354.20	(6-12")	3/17/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B23W	B23W (24")	4354.21	(24")	3/17/1999	Soil	VOCs	Method 8260
B24X	B24X (6-12")	4354.22	(6-12")	3/17/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B24X	B24X (24")	4354.23	(24")	3/17/1999	Soil	VOCs	Method 8260
B25Y	B25Y (6-12")	4354.24	(6-12")	3/17/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B25Y	B25Y (24")	4354.25	(24")	3/17/1999	Soil	VOCs	Method 8260
B26Z	B26Z (6-12")	4354.26	(6-12")	3/17/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B26Z	B26Z (24")	4354.27	(24")	3/17/1999	Soil	VOCs	Method 8260
B27AA	B27AA (6-12")	4354.28	(6-12")	3/17/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B27AA	B27AA (24")	4354.29	(24")	3/17/1999	Soil	VOCs	Method 8260
B28BB	B28BB (6-12")	4357.02	(6-12")	3/18/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B28BB	B28BB (24")	4357.03	(24")	3/18/1999	Soil	VOCs	Method 8260
B29CC	B29CC (6-12")	4357.04	(6-12")	3/18/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B29CC	B29CC (24")	4357.05	(24")	3/18/1999	Soil	VOCs	Method 8260
B30DD	B30DD (6-12")	4357.06	(6-12")	3/18/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B30DD	B30DD (24")	4357.07	(24")	3/18/1999	Soil	VOCs	Method 8260
B31EE	B31EE (6-12")	4357.08	(6-12")	3/18/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B31EE	B31EE (24")	4357.09	(24")	3/18/1999	Soil	VOCs	Method 8260
B32FF	B32FF (6-12")	4357.10	(6-12")	3/18/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B32FF	B32FF (24")	4357.11	(24")	3/18/1999	Soil	VOCs	Method 8260
B33GG	B33GG (6-12")	4357.12	(6-12")	3/18/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B33GG	B33GG (24")	4357.13	(24")	3/18/1999	Soil	VOCs	Method 8260
B34HH	B34HH (6-12")	4357.14	(6-12")	3/18/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B34HH	B34HH (24")	4357.15	(24")	3/18/1999	Soil	VOCs	Method 8260
B35II	B35II (6-12")	4357.16	(6-12")	3/18/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B35II	B35II (24")	4357.17	(24")	3/18/1999	Soil	VOCs	Method 8260
B36JJ	B36JJ (6-12")	4357.18	(6-12")	3/18/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B36JJ	B36JJ (24")	4357.19	(24")	3/18/1999	Soil	VOCs	Method 8260
B37KK	B37KK (6-12")	4357.20	(6-12")	3/18/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B37KK	B37KK (24")	4357.21	(24")	3/18/1999	Soil	VOCs	Method 8260
B38LL	B38LL (6-12")	4357.22	(6-12")	3/18/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B38LL	B38LL (24")	4357.23	(24")	3/18/1999	Soil	VOCs	Method 8260
B39MM	B39MM (6-12")	4357.24	(6-12")	3/18/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B39MM	B39MM (24")	4357.25	(24")	3/18/1999	Soil	VOCs	Method 8260

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Table 3-1
Soil Sample Collection Summary
M-8 Landfill
Fort Monmouth, New Jersey

Boring ID	Field Sample ID	Lab Sample ID	Depth	Date Collected	Matrix	Analytical Parameters	Analytical Methods
B40NN	B40NN (6-12")	4357.26	(6-12")	3/18/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B40NN	B40NN (24")	4357.27	(24")	3/18/1999	Soil	VOCs	Method 8260
B41OO	B41OO (6-12")	4357.28	(6-12")	3/18/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B41OO	B41OO (24")	4357.29	(24")	3/18/1999	Soil	VOCs	Method 8260
B42PP	B42PP (6-12")	4357.30	(6-12")	3/18/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B42PP	B42PP (24")	4357.31	(24")	3/18/1999	Soil	VOCs	Method 8260
B43	B43 (6-12")	4372.02	(6-12")	3/26/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B43	B43 (24")	4372.03	(24")	3/26/1999	Soil	VOCs	Method 8260
B44	B44 (6-12")	4372.04	(6-12")	3/26/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B44	B44 (24")	4372.05	(24")	3/26/1999	Soil	VOCs	Method 8260
B45	B45 (6-12")	4372.06	(6-12")	3/26/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B45	B45 (24")	4372.07	(24")	3/26/1999	Soil	VOCs	Method 8260
B46	B46 (6-12")	4372.08	(6-12")	3/18/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B46	B46 (24")	4372.09	(24")	3/26/1999	Soil	VOCs	Method 8260
B47	B47 (6-12")	4372.10	(6-12")	3/26/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B47	B47 (24")	4372.11	(24")	3/26/1999	Soil	VOCs	Method 8260
B48	B48 (6-12")	4372.12	(6-12")	3/26/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B48	B48 (24")	4372.13	(24")	3/26/1999	Soil	VOCs	Method 8260
B49	B49 (6-12")	4376.02	(6-12")	3/29/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B49	B49 (24")	4376.03	(24")	3/29/1999	Soil	VOCs	Method 8260
B50	B50 (6-12")	4376.04	(6-12")	3/29/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B50	B50 (24")	4376.05	(24")	3/29/1999	Soil	VOCs	Method 8260
B51	B51 (6-12")	4376.06	(6-12")	3/29/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B51	B51 (24")	4376.07	(24")	3/29/1999	Soil	VOCs	Method 8260
B52	B52 (6-12")	4376.08	(6-12")	3/29/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B52	B52 (24")	4376.09	(24")	3/29/1999	Soil	VOCs	Method 8260
B53	B53 (6-12")	4376.10	(6-12")	3/29/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B53	B53 (24")	4376.11	(24")	3/29/1999	Soil	VOCs	Method 8260
B54	B54 (6-12")	4376.12	(6-12")	3/29/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B54	B54 (24")	4376.13	(24")	3/29/1999	Soil	VOCs	Method 8260
B55	B55 (6-12")	4376.14	(6-12")	3/29/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B55	B55 (24")	4376.15	(24")	3/29/1999	Soil	VOCs	Method 8260
B56	B56 (6-12")	4376.16	(6-12")	3/29/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B56	B56 (24")	4376.17	(24")	3/29/1999	Soil	VOCs	Method 8260
B57	B57 (6-12")	4376.18	(6-12")	3/29/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B57	B57 (24")	4376.19	(24")	3/29/1999	Soil	VOCs	Method 8260
B58	B58 (6-12")	4376.20	(6-12")	3/29/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B58	B58 (24")	4376.21	(24")	3/29/1999	Soil	VOCs	Method 8260
B59	B59 (6-12")	4376.22	(6-12")	3/29/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B59	B59 (24")	4376.23	(24")	3/29/1999	Soil	VOCs	Method 8260

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

Table 3-1
Soil Sample Collection Summary
M-8 Landfill
Fort Monmouth, New Jersey

Boring ID	Field Sample ID	Lab Sample ID	Depth	Date Collected	Matrix	Analytical Parameters	Analytical Methods
B60	B60 (6-12")	4376.24	(6-12")	3/29/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B60	B60 (24")	4376.25	(24")	3/29/1999	Soil	VOCs	Method 8260
B61	B61 (6-12")	4376.26	(6-12")	3/29/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B61	B61 (24")	4376.27	(24")	3/29/1999	Soil	VOCs	Method 8260
B62	B62 (6-12")	4376.28	(6-12")	3/29/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B62	B62 (24")	4376.29	(24")	3/29/1999	Soil	VOCs	Method 8260
B63	B63 (6-12")	4376.30	(6-12")	3/29/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B63	B63 (24")	4376.31	(24")	3/29/1999	Soil	VOCs	Method 8260
B64	B64 (6-12")	4376.32	(6-12")	3/29/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B64	B64 (24")	4376.33	(24")	3/29/1999	Soil	VOCs	Method 8260
B65	B65 (6-12")	4376.34	(6-12")	3/29/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B65	B65 (24")	4376.35	(24")	3/29/1999	Soil	VOCs	Method 8260
B66	B66 (6-12")	4376.36	(6-12")	3/29/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B66	B66 (24")	4376.37	(24")	3/29/1999	Soil	VOCs	Method 8260
B67	B67 (6-12")	4382.02	(6-12")	3/30/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B67	B67 (24")	4382.03	(24")	3/30/1999	Soil	VOCs	Method 8260
B68	B68 (6-12")	4382.04	(6-12")	3/30/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B68	B68 (24")	4382.05	(24")	3/30/1999	Soil	VOCs	Method 8260
B69	B69 (6-12")	4382.06	(6-12")	3/30/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B69	B69 (24")	4382.07	(24")	3/30/1999	Soil	VOCs	Method 8260
B70	B70 (6-12")	4382.08	(6-12")	3/30/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B70	B70 (24")	4382.09	(24")	3/30/1999	Soil	VOCs	Method 8260
B71	B71 (6-12")	4382.10	(6-12")	3/30/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B71	B71 (24")	4382.11	(24")	3/30/1999	Soil	VOCs	Method 8260
B72	B72 (6-12")	4382.12	(6-12")	3/30/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B72	B72 (24")	4382.13	(24")	3/30/1999	Soil	VOCs	Method 8260
B73	B73 (6-12")	4382.14	(6-12")	3/30/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B73	B73 (24")	4382.15	(24")	3/30/1999	Soil	VOCs	Method 8260
B74	B74 (6-12")	4382.16	(6-12")	3/30/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B74	B74 (24")	4382.17	(24")	3/30/1999	Soil	VOCs	Method 8260
B75	B75 (6-12")	4382.18	(6-12")	3/30/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B75	B75 (24")	4382.19	(24")	3/30/1999	Soil	VOCs	Method 8260
B76	B76 (6-12")	4382.20	(6-12")	3/30/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B76	B76 (24")	4382.21	(24")	3/30/1999	Soil	VOCs	Method 8260
B77	B77 (6-12")	4382.22	(6-12")	3/30/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B77	B77 (24")	4382.23	(24")	3/30/1999	Soil	VOCs	Method 8260
B78	B78 (6-12")	4382.24	(6-12")	3/30/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B78	B78 (24")	4382.25	(24")	3/30/1999	Soil	VOCs	Method 8260
B79	B79 (6-12")	4382.28	(6-12")	3/30/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B79	B79 (24")	4382.29	(24")	3/30/1999	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-8 Landfill
Fort Monmouth, New Jersey

Boring ID	Field Sample ID	Lab Sample ID	Depth	Date Collected	Matrix	Analytical Parameters	Analytical Methods
B80	B80 (6-12")	4382.30	(6-12")	3/30/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B80	B80 (24")	4382.31	(24")	3/30/1999	Soil	VOCs	Method 8260
B81	B81 (6-12")	4382.32	(6-12")	3/30/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B81	B81 (24")	4382.33	(24")	3/30/1999	Soil	VOCs	Method 8260
B82	B82 (6-12")	4382.34	(6-12")	3/30/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B82	B82 (24")	4382.35	(24")	3/30/1999	Soil	VOCs	Method 8260
B83	B83 (6-12")	4382.38	(6-12")	3/30/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B83	B83 (24")	4382.39	(24")	3/30/1999	Soil	VOCs	Method 8260
B84	B84 (6-12")	4382.40	(6-12")	3/30/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B84	B84 (24")	4382.41	(24")	3/30/1999	Soil	VOCs	Method 8260
B85	B85 (6-12")	4382.42	(6-12")	3/30/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B85	B85 (24")	4382.43	(24")	3/30/1999	Soil	VOCs	Method 8260
B86	B86 (6-12")	4382.44	(6-12")	3/30/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B86	B86 (24")	4382.45	(24")	3/30/1999	Soil	VOCs	Method 8260
B87	B87 (6-12")	4382.46	(6-12")	3/30/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B87	B87 (24")	4382.47	(24")	3/30/1999	Soil	VOCs	Method 8260
B88	B88 (6-12")	4382.48	(6-12")	3/30/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B88	B88 (24")	4382.49	(24")	3/30/1999	Soil	VOCs	Method 8260
B89	B89 (6-12")	4389.02	(6-12")	4/1/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B89	B89 (24")	4389.03	(24")	4/1/1999	Soil	VOCs	Method 8260
B90	B90 (6-12")	4389.04	(6-12")	4/1/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B90	B90 (24")	4389.05	(24")	4/1/1999	Soil	VOCs	Method 8260
B91	B91 (6-12")	4389.06	(6-12")	4/1/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B91	B91 (24")	4389.07	(24")	4/1/1999	Soil	VOCs	Method 8260
B92	B92 (6-12")	4389.08	(6-12")	4/1/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B92	B92 (24")	4389.09	(24")	4/1/1999	Soil	VOCs	Method 8260
B93	B93 (6-12")	4389.10	(6-12")	4/1/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B93	B93 (24")	4389.11	(24")	4/1/1999	Soil	VOCs	Method 8260
B94	B94 (6-12")	4389.12	(6-12")	4/1/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B94	B94 (24")	4389.13	(24")	4/1/1999	Soil	VOCs	Method 8260
B95	B95 (6-12")	4389.14	(6-12")	4/1/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B95	B95 (24")	4389.15	(24")	4/1/1999	Soil	VOCs	Method 8260
B96	B96 (6-12")	4389.16	(6-12")	4/1/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B96	B96 (24")	4389.17	(24")	4/1/1999	Soil	VOCs	Method 8260
B97	B97 (6-12")	4389.18	(6-12")	4/1/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B97	B97 (24")	4389.19	(24")	4/1/1999	Soil	VOCs	Method 8260
B98	B98 (6-12")	4389.20	(6-12")	4/1/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B98	B98 (24")	4389.21	(24")	4/1/1999	Soil	VOCs	Method 8260
B99	B99 (6-12")	4389.22	(6-12")	4/1/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B99	B99 (24")	4389.23	(24")	4/1/1999	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-8 Landfill
Fort Monmouth, New Jersey

Boring ID	Field Sample ID	Lab Sample ID	Depth	Date Collected	Matrix	Analytical Parameters	Analytical Methods
B100	B100 (6-12")	4389.24	(6-12")	4/1/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B100	B100 (24")	4389.25	(24")	4/1/1999	Soil	VOCs	Method 8260
B101	B101 (6-12")	4389.26	(6-12")	4/1/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B101	B101 (24")	4389.27	(24")	4/1/1999	Soil	VOCs	Method 8260
B102	B102 (6-12")	4389.28	(6-12")	4/1/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B102	B102 (24")	4389.29	(24")	4/1/1999	Soil	VOCs	Method 8260
B103	B103 (6-12")	4389.30	(6-12")	4/1/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B103	B103 (24")	4389.31	(24")	4/1/1999	Soil	VOCs	Method 8260
B104	B104 (6-12")	4394.02	(6-12")	4/5/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B104	B104 (24")	4394.03	(24")	4/5/1999	Soil	VOCs	Method 8260
B105	B105 (6-12")	4394.04	(6-12")	4/5/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B105	B105 (24")	4394.05	(24")	4/5/1999	Soil	VOCs	Method 8260
B106	B106 (6-12")	4394.06	(6-12")	4/5/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B106	B106 (24")	4394.07	(24")	4/5/1999	Soil	VOCs	Method 8260
B107	B107 (6-12")	4394.08	(6-12")	4/5/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B107	B107 (24")	4394.09	(24")	4/5/1999	Soil	VOCs	Method 8260
B108	B108 (6-12")	4394.10	(6-12")	4/5/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B108	B108 (24")	4394.11	(24")	4/5/1999	Soil	VOCs	Method 8260
B109	B109 (6-12")	4394.12	(6-12")	4/5/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B109	B109 (24")	4394.13	(24")	4/5/1999	Soil	VOCs	Method 8260
B110	B110 (6-12")	4394.14	(6-12")	4/5/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B110	B110 (24")	4394.15	(24")	4/5/1999	Soil	VOCs	Method 8260
B111	B111 (6-12")	4394.16	(6-12")	4/5/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B111	B111 (24")	4394.17	(24")	4/5/1999	Soil	VOCs	Method 8260
B112	B112 (6-12")	4394.18	(6-12")	4/5/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B112	B112 (24")	4394.19	(24")	4/5/1999	Soil	VOCs	Method 8260
B113	B113 (6-12")	4394.20	(6-12")	4/5/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B113	B113 (24")	4394.21	(24")	4/5/1999	Soil	VOCs	Method 8260
B114	B114 (6-12")	4394.22	(6-12")	4/5/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B114	B114 (24")	4394.23	(24")	4/5/1999	Soil	VOCs	Method 8260
B115	B115 (6-12")	4394.26	(6-12")	4/5/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B115	B115 (24")	4394.27	(24")	4/5/1999	Soil	VOCs	Method 8260
B116	B116 (6-12")	4394.28	(6-12")	4/5/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B116	B116 (24")	4394.29	(24")	4/5/1999	Soil	VOCs	Method 8260
B117	B117 (6-12")	4394.30	(6-12")	4/5/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B117	B117 (24")	4394.31	(24")	4/5/1999	Soil	VOCs	Method 8260
B118	B118 (6-12")	4394.32	(6-12")	4/5/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B118	B118 (24")	4394.33	(24")	4/5/1999	Soil	VOCs	Method 8260
B119	B119 (6-12")	4394.34	(6-12")	4/5/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B119	B119 (24")	4394.35	(24")	4/5/1999	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-8 Landfill
Fort Monmouth, New Jersey

Boring ID	Field Sample ID	Lab Sample ID	Depth	Date Collected	Matrix	Analytical Parameters	Analytical Methods
B120	B120 (6-12")	4394.36	(6-12")	4/5/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B120	B120 (24")	4394.37	(24")	4/5/1999	Soil	VOCs	Method 8260
B121	B121 (6-12")	4394.38	(6-12")	4/5/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B121	B121 (24")	4394.39	(24")	4/5/1999	Soil	VOCs	Method 8260
B122	B122 (6-12")	4394.40	(6-12")	4/5/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B122	B122 (24")	4394.41	(24")	4/5/1999	Soil	VOCs	Method 8260
B123	B123 (6-12")	4394.42	(6-12")	4/5/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B123	B123 (24")	4394.43	(24")	4/5/1999	Soil	VOCs	Method 8260
B124	B124 (6-12")	4394.44	(6-12")	4/5/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B124	B124 (24")	4394.45	(24")	4/5/1999	Soil	VOCs	Method 8260
B125	B125 (6-12")	4401.02	(6-12")	4/8/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B125	B125 (24")	4401.03	(24")	4/8/1999	Soil	VOCs	Method 8260
B126	B126 (6-12")	4401.04	(6-12")	4/8/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B126	B126 (24")	4401.05	(24")	4/8/1999	Soil	VOCs	Method 8260
B127	B127 (6-12")	4401.06	(6-12")	4/8/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B127	B127 (24")	4401.07	(24")	4/8/1999	Soil	VOCs	Method 8260
B128	B128 (6-12")	4401.08	(6-12")	4/8/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B128	B128 (24")	4401.09	(24")	4/8/1999	Soil	VOCs	Method 8260
B129	B129 (6-12")	4401.10	(6-12")	4/8/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B129	B129 (24")	4401.11	(24")	4/8/1999	Soil	VOCs	Method 8260
B130	B130 (6-12")	4401.12	(6-12")	4/8/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B130	B130 (24")	4401.13	(24")	4/8/1999	Soil	VOCs	Method 8260
B131	B131 (6-12")	4401.14	(6-12")	4/8/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B131	B131 (24")	4401.15	(24")	4/8/1999	Soil	VOCs	Method 8260
B132	B132 (6-12")	4401.16	(6-12")	4/8/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B132	B132 (24")	4401.17	(24")	4/8/1999	Soil	VOCs	Method 8260
B133	B133 (6-12")	4401.18	(6-12")	4/8/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B133	B133 (24")	4401.19	(24")	4/8/1999	Soil	VOCs	Method 8260
B134	B134 (6-12")	4401.20	(6-12")	4/8/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B134	B134 (24")	4401.21	(24")	4/8/1999	Soil	VOCs	Method 8260
B135	B135 (6-12")	4401.22	(6-12")	4/8/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B135	B135 (24")	4401.23	(24")	4/8/1999	Soil	VOCs	Method 8260
B136	B136 (6-12")	4401.24	(6-12")	4/8/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B136	B136 (24")	4401.25	(24")	4/8/1999	Soil	VOCs	Method 8260
B137	B137 (6-12")	4401.26	(6-12")	4/8/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B137	B137 (24")	4401.27	(24")	4/8/1999	Soil	VOCs	Method 8260
B138	B138 (6-12")	4401.28	(6-12")	4/8/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B138	B138 (24")	4401.29	(24")	4/8/1999	Soil	VOCs	Method 8260
B139	B139 (6-12")	4401.30	(6-12")	4/8/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B139	B139 (24")	4401.31	(24")	4/8/1999	Soil	VOCs	Method 8260

Notes:
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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-8 Landfill
Fort Monmouth, New Jersey

Boring ID	Field Sample ID	Lab Sample ID	Depth	Date Collected	Matrix	Analytical Parameters	Analytical Methods
B140	B140 (6-12")	4401.32	(6-12")	4/8/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B140	B140 (24")	4401.33	(24")	4/8/1999	Soil	VOCs	Method 8260
B141	B141 (6-12")	4401.34	(6-12")	4/8/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B141	B141 (24")	4401.35	(24")	4/8/1999	Soil	VOCs	Method 8260
B142	B142 (6-12")	4401.36	(6-12")	4/8/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B142	B142 (24")	4401.37	(24")	4/8/1999	Soil	VOCs	Method 8260
B143	B143 (6-12")	4401.42	(6-12")	4/8/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B143	B143 (24")	4401.43	(24")	4/8/1999	Soil	VOCs	Method 8260
B144	B144 (6-12")	4401.44	(6-12")	4/8/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B144	B144 (24")	4401.45	(24")	4/8/1999	Soil	VOCs	Method 8260
B145	B145 (6-12")	4401.46	(6-12")	4/8/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B145	B145 (24")	4401.47	(24")	4/8/1999	Soil	VOCs	Method 8260
B146	B146 (6-12")	4405.02	(6-12")	4/9/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B146	B146 (24")	4405.03	(24")	4/9/1999	Soil	VOCs	Method 8260
B147	B147 (6-12")	4405.04	(6-12")	4/9/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B147	B147 (24")	4405.05	(24")	4/9/1999	Soil	VOCs	Method 8260
B148	B148 (6-12")	4405.06	(6-12")	4/9/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B148	B148 (24")	4405.07	(24")	4/9/1999	Soil	VOCs	Method 8260
B149	B149 (6-12")	4405.08	(6-12")	4/9/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B149	B149 (24")	4405.09	(24")	4/9/1999	Soil	VOCs	Method 8260
B150	B150 (6-12")	4405.10	(6-12")	4/9/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B150	B150 (24")	4405.11	(24")	4/9/1999	Soil	VOCs	Method 8260
B151	B151 (6-12")	4405.12	(6-12")	4/9/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B151	B151 (24")	4405.13	(24")	4/9/1999	Soil	VOCs	Method 8260
B152	B152 (6-12")	4405.14	(6-12")	4/9/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B152	B152 (24")	4405.15	(24")	4/9/1999	Soil	VOCs	Method 8260
B153	B153 (6-12")	4405.16	(6-12")	4/9/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B153	B153 (24")	4405.17	(24")	4/9/1999	Soil	VOCs	Method 8260
B154	B154 (6-12")	4405.18	(6-12")	4/9/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B154	B154 (24")	4405.19	(24")	4/9/1999	Soil	VOCs	Method 8260
B155	B155 (6-12")	4405.20	(6-12")	4/9/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B155	B155 (24")	4405.21	(24")	4/9/1999	Soil	VOCs	Method 8260
B156	B156 (6-12")	4405.22	(6-12")	4/9/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B156	B156 (24")	4405.23	(24")	4/9/1999	Soil	VOCs	Method 8260
B157	B157 (6-12")	4405.24	(6-12")	4/9/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B157	B157 (24")	4405.25	(24")	4/9/1999	Soil	VOCs	Method 8260
B158	B158 (6-12")	4413.02	(6-12")	4/13/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B158	B158 (24")	4413.03	(24")	4/13/1999	Soil	VOCs	Method 8260
B159	B159 (6-12")	4413.04	(6-12")	4/13/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B159	B159 (24")	4413.05	(24")	4/13/1999	Soil	VOCs	Method 8260

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Table 3-1
Soil Sample Collection Summary
M-8 Landfill
Fort Monmouth, New Jersey

Boring ID	Field Sample ID	Lab Sample ID	Depth	Date Collected	Matrix	Analytical Parameters	Analytical Methods
B160	B160 (6-12")	4413.06	(6-12")	4/13/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B160	B160 (24")	4413.07	(24")	4/13/1999	Soil	VOCs	Method 8260
B161	B161 (6-12")	4413.08	(6-12")	4/13/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B161	B161 (24")	4413.09	(24")	4/13/1999	Soil	VOCs	Method 8260
B162	B162 (6-12")	4413.10	(6-12")	4/13/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B162	B162 (24")	4413.11	(24")	4/13/1999	Soil	VOCs	Method 8260
B163	B163 (6-12")	4413.12	(6-12")	4/13/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B163	B163 (24")	4413.13	(24")	4/13/1999	Soil	VOCs	Method 8260
B164	B164 (6-12")	4413.14	(6-12")	4/13/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B164	B164 (24")	4413.15	(24")	4/13/1999	Soil	VOCs	Method 8260
B165	B165 (6-12")	4413.16	(6-12")	4/13/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B165	B165 (24")	4413.17	(24")	4/13/1999	Soil	VOCs	Method 8260
B166	B166 (6-12")	4413.18	(6-12")	4/13/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B166	B166 (24")	4413.19	(24")	4/13/1999	Soil	VOCs	Method 8260
B167	B167 (6-12")	4413.20	(6-12")	4/13/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B167	B167 (24")	4413.21	(24")	4/13/1999	Soil	VOCs	Method 8260
B168	B168 (6-12")	4413.22	(6-12")	4/13/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B168	B168 (24")	4413.23	(24")	4/13/1999	Soil	VOCs	Method 8260
B169	B169 (6-12")	4413.24	(6-12")	4/13/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B169	B169 (24")	4413.25	(24")	4/13/1999	Soil	VOCs	Method 8260
B170	B170 (6-12")	4413.26	(6-12")	4/13/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B170	B170 (24")	4413.27	(24")	4/13/1999	Soil	VOCs	Method 8260
B171	B171 (6-12")	4469.02	(6-12")	5/7/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B171	B171 (24")	4469.03	(24")	5/7/1999	Soil	VOCs	Method 8260
B172	B172 (6-12")	4469.04	(6-12")	5/7/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B172	B172 (24")	4469.05	(24")	5/7/1999	Soil	VOCs	Method 8260
B173	B173 (6-12")	4469.06	(6-12")	5/7/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B173	B173 (24")	4469.07	(24")	5/7/1999	Soil	VOCs	Method 8260
B174	B174 (6-12")	4469.08	(6-12")	5/7/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B174	B174 (24")	4469.09	(24")	5/7/1999	Soil	VOCs	Method 8260
B175	B175 (6-12")	4469.10	(6-12")	5/7/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B175	B175 (24")	4469.11	(24")	5/7/1999	Soil	VOCs	Method 8260
B176	B176 (6-12")	4473.02	(6-12")	5/10/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B176	B176 (24")	4473.03	(24")	5/10/1999	Soil	VOCs	Method 8260
B177	B177 (6-12")	4473.04	(6-12")	5/10/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B177	B177 (24")	4473.05	(24")	5/10/1999	Soil	VOCs	Method 8260
B178	B178 (6-12")	4473.06	(6-12")	5/10/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B178	B178 (24")	4473.07	(24")	5/10/1999	Soil	VOCs	Method 8260
B179	B179 (6-12")	4473.08	(6-12")	5/10/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B179	B179 (24")	4473.09	(24")	5/10/1999	Soil	VOCs	Method 8260

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

Table 3-1
Soil Sample Collection Summary
M-8 Landfill
Fort Monmouth, New Jersey

Boring ID	Field Sample ID	Lab Sample ID	Depth	Date Collected	Matrix	Analytical Parameters	Analytical Methods
B180	B180 (6-12")	4473.10	(6-12")	5/10/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B180	B180 (24")	4473.11	(24")	5/10/1999	Soil	VOCs	Method 8260
B181	B181 (6-12")	4473.14	(6-12")	5/10/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B181	B181 (24")	4473.15	(24")	5/10/1999	Soil	VOCs	Method 8260
B182	B182 (6-12")	4473.16	(6-12")	5/10/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B182	B182 (24")	4473.17	(24")	5/10/1999	Soil	VOCs	Method 8260
B183	B183 (6-12")	4473.18	(6-12")	5/10/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B183	B183 (24")	4473.19	(24")	5/10/1999	Soil	VOCs	Method 8260
B184	B184 (6-12")	4473.20	(6-12")	5/10/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B184	B184 (24")	4473.21	(24")	5/10/1999	Soil	VOCs	Method 8260
B185	B185 (6-12")	4474.02	(6-12")	5/11/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B185	B185 (24")	4474.03	(24")	5/11/1999	Soil	VOCs	Method 8260
B186	B186 (6-12")	4474.04	(6-12")	5/11/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B186	B186 (24")	4474.05	(24")	5/11/1999	Soil	VOCs	Method 8260
B187	B187 (6-12")	4474.06	(6-12")	5/11/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B187	B187 (24")	4474.07	(24")	5/11/1999	Soil	VOCs	Method 8260
B188	B188 (6-12")	4474.08	(6-12")	5/11/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B188	B188 (24")	4474.09	(24")	5/11/1999	Soil	VOCs	Method 8260
B189	B189 (6-12")	4474.10	(6-12")	5/11/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B189	B189 (24")	4474.11	(24")	5/11/1999	Soil	VOCs	Method 8260
B190	B190 (6-12")	4474.14	(6-12")	5/11/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B190	B190 (24")	4474.15	(24")	5/11/1999	Soil	VOCs	Method 8260
B191	B191 (6-12")	4474.16	(6-12")	5/11/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B191	B191 (24")	4474.17	(24")	5/11/1999	Soil	VOCs	Method 8260
B192	B192 (6-12")	4474.18	(6-12")	5/11/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B192	B192 (24")	4474.19	(24")	5/11/1999	Soil	VOCs	Method 8260
B193	B193 (6-12")	4474.20	(6-12")	5/11/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B193	B193 (24")	4474.21	(24")	5/11/1999	Soil	VOCs	Method 8260
B194	B194 (6-12")	4474.22	(6-12")	5/11/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B194	B194 (24")	4474.23	(24")	5/11/1999	Soil	VOCs	Method 8260
B195	B195 (6-12")	4474.24	(6-12")	5/11/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B195	B195 (24")	4474.25	(24")	5/11/1999	Soil	VOCs	Method 8260
B196	B196 (6-12")	4481.02	(6-12")	5/13/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B196	B196 (24")	4481.03	(24")	5/13/1999	Soil	VOCs	Method 8260
B197	B197 (6-12")	4481.04	(6-12")	5/13/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B197	B197 (24")	4481.05	(24")	5/13/1999	Soil	VOCs	Method 8260
B198	B198 (6-12")	4481.06	(6-12")	5/13/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B198	B198 (24")	4481.07	(24")	5/13/1999	Soil	VOCs	Method 8260
B199	B199 (6-12")	4481.08	(6-12")	5/13/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B199	B199 (24")	4481.09	(24")	5/13/1999	Soil	VOCs	Method 8260

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

Table 3-1
Soil Sample Collection Summary
M-8 Landfill
Fort Monmouth, New Jersey

Boring ID	Field Sample ID	Lab Sample ID	Depth	Date Collected	Matrix	Analytical Parameters	Analytical Methods
B200	B200 (6-12")	4481.10	(6-12")	5/13/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B200	B200 (24")	4481.11	(24")	5/13/1999	Soil	VOCs	Method 8260
B201	B201 (6-12")	4481.14	(6-12")	5/13/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B201	B201 (24")	4481.15	(24")	5/13/1999	Soil	VOCs	Method 8260
B202	B202 (6-12")	4481.16	(6-12")	5/13/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B202	B202 (24")	4481.17	(24")	5/13/1999	Soil	VOCs	Method 8260
B203	B203 (6-12")	4481.18	(6-12")	5/13/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B203	B203 (24")	4481.19	(24")	5/13/1999	Soil	VOCs	Method 8260
B204	B204 (6-12")	4481.20	(6-12")	5/13/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B204	B204 (24")	4481.21	(24")	5/13/1999	Soil	VOCs	Method 8260
B205	B205 (6-12")	4481.22	(6-12")	5/13/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B205	B205 (24")	4481.23	(24")	5/13/1999	Soil	VOCs	Method 8260
B206	B206 (6-12")	4481.24	(6-12")	5/13/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B206	B206 (24")	4481.25	(24")	5/13/1999	Soil	VOCs	Method 8260
B207	B207 (6-12")	4481.26	(6-12")	5/13/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B207	B207 (24")	4481.27	(24")	5/13/1999	Soil	VOCs	Method 8260
B208	B208 (6-12")	4484.02	(6-12")	5/14/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B208	B208 (24")	4484.03	(24")	5/14/1999	Soil	VOCs	Method 8260
B209	B209 (6-12")	4484.04	(6-12")	5/14/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B209	B209 (24")	4484.05	(24")	5/14/1999	Soil	VOCs	Method 8260
B210	B210 (6-12")	4484.06	(6-12")	5/14/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B210	B210 (24")	4484.07	(24")	5/14/1999	Soil	VOCs	Method 8260
B211	B211 (6-12")	4484.08	(6-12")	5/14/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B211	B211 (24")	4484.09	(24")	5/14/1999	Soil	VOCs	Method 8260
B212	B212 (6-12")	4484.10	(6-12")	5/14/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B212	B212 (24")	4484.11	(24")	5/14/1999	Soil	VOCs	Method 8260
B213	B213 (6-12")	4490.02	(6-12")	5/17/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B213	B213 (24")	4490.03	(24")	5/17/1999	Soil	VOCs	Method 8260
B214	B214 (6-12")	4490.04	(6-12")	5/17/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B214	B214 (24")	4490.05	(24")	5/17/1999	Soil	VOCs	Method 8260
B215	B215 (6-12")	4490.06	(6-12")	5/17/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B215	B215 (24")	4490.07	(24")	5/17/1999	Soil	VOCs	Method 8260
B216	B216 (6-12")	4490.08	(6-12")	5/17/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B216	B216 (24")	4490.09	(24")	5/17/1999	Soil	VOCs	Method 8260
B217	B217 (6-12")	4490.10	(6-12")	5/17/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B217	B217 (24")	4490.11	(24")	5/17/1999	Soil	VOCs	Method 8260
B218	B218 (6-12")	4490.14	(6-12")	5/17/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B218	B218 (24")	4490.15	(24")	5/17/1999	Soil	VOCs	Method 8260
B219	B219 (6-12")	4490.16	(6-12")	5/17/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B219	B219 (24")	4490.17	(24")	5/17/1999	Soil	VOCs	Method 8260

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

Table 3-1
Soil Sample Collection Summary
M-8 Landfill
Fort Monmouth, New Jersey

Boring ID	Field Sample ID	Lab Sample ID	Depth	Date Collected	Matrix	Analytical Parameters	Analytical Methods
B220	B220 (6-12")	4490.18	(6-12")	5/17/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B220	B220 (24")	4490.19	(24")	5/17/1999	Soil	VOCs	Method 8260
B221	B221 (6-12")	4490.20	(6-12")	5/17/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B221	B221 (24")	4490.21	(24")	5/17/1999	Soil	VOCs	Method 8260
B222	B222 (6-12")	4490.22	(6-12")	5/17/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B222	B222 (24")	4490.23	(24")	5/17/1999	Soil	VOCs	Method 8260
B223	B223 (6-12")	4490.24	(6-12")	5/17/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B223	B223 (24")	4490.25	(24")	5/17/1999	Soil	VOCs	Method 8260
B224	B224 (6-12")	4490.26	(6-12")	5/17/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B224	B224 (24")	4490.27	(24")	5/17/1999	Soil	VOCs	Method 8260
B225	B225 (6-12")	4533.02	(6-12")	6/3/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B225	B225 (24")	4533.03	(24")	6/3/1999	Soil	VOCs	Method 8260
B226	B226 (6-12")	4533.04	(6-12")	6/3/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B226	B226 (24")	4533.05	(24")	6/3/1999	Soil	VOCs	Method 8260
B227	B227 (6-12")	4533.06	(6-12")	6/3/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B227	B227 (24")	4533.07	(24")	6/3/1999	Soil	VOCs	Method 8260
B228	B228 (6-12")	4533.08	(6-12")	6/3/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B228	B228 (24")	4533.09	(24")	6/3/1999	Soil	VOCs	Method 8260
B229	B229 (6-12")	4533.10	(6-12")	6/3/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B229	B229 (24")	4533.11	(24")	6/3/1999	Soil	VOCs	Method 8260
B230	B230 (6-12")	4533.14	(6-12")	6/3/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B230	B230 (24")	4533.15	(24")	6/3/1999	Soil	VOCs	Method 8260
B231	B231 (6-12")	4533.16	(6-12")	6/3/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B231	B231 (24")	4533.17	(24")	6/3/1999	Soil	VOCs	Method 8260
B232	B232 (6-12")	4533.18	(6-12")	6/3/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B232	B232 (24")	4533.19	(24")	6/3/1999	Soil	VOCs	Method 8260
B233	B233 (6-12")	4533.20	(6-12")	6/3/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B233	B233 (24")	4533.21	(24")	6/3/1999	Soil	VOCs	Method 8260
B234	B234 (6-12")	4533.22	(6-12")	6/3/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B234	B234 (24")	4533.23	(24")	6/3/1999	Soil	VOCs	Method 8260
B235	B235 (6-12")	4533.24	(6-12")	6/3/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B235	B235 (24")	4533.25	(24")	6/3/1999	Soil	VOCs	Method 8260
B236	B236 (6-12")	4533.26	(6-12")	6/3/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B236	B236 (24")	4533.27	(24")	6/3/1999	Soil	VOCs	Method 8260
B237	B237 (6-12")	4533.28	(6-12")	6/3/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B237	B237 (24")	4533.29	(24")	6/3/1999	Soil	VOCs	Method 8260
B238	B238 (6-12")	4533.30	(6-12")	6/3/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B238	B238 (24")	4533.31	(24")	6/3/1999	Soil	VOCs	Method 8260
B239	B239 (6-12")	4533.32	(6-12")	6/3/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B239	B239 (24")	4533.33	(24")	6/3/1999	Soil	VOCs	Method 8260

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

Table 3-1
Soil Sample Collection Summary
M-8 Landfill
Fort Monmouth, New Jersey

Boring ID	Field Sample ID	Lab Sample ID	Depth	Date Collected	Matrix	Analytical Parameters	Analytical Methods
B240	B240 (6-12")	4533.34	(6-12")	6/3/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B240	B240 (24")	4533.35	(24")	6/3/1999	Soil	VOCs	Method 8260
B241	B241 (6-12")	4533.36	(6-12")	6/3/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B241	B241 (24")	4533.37	(24")	6/3/1999	Soil	VOCs	Method 8260
B242	B242 (6-12")	4533.38	(6-12")	6/3/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B242	B242 (24")	4533.39	(24")	6/3/1999	Soil	VOCs	Method 8260
B243	B243 (6-12")	4533.40	(6-12")	6/3/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B243	B243 (24")	4533.41	(24")	6/3/1999	Soil	VOCs	Method 8260
B244	B244 (6-12")	4533.42	(6-12")	6/3/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B244	B244 (24")	4533.43	(24")	6/3/1999	Soil	VOCs	Method 8260
B245	B245 (6-12")	4533.44	(6-12")	6/3/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B245	B245 (24")	4533.45	(24")	6/3/1999	Soil	VOCs	Method 8260
B246	B246 (6-12")	4533.46	(6-12")	6/3/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B246	B246 (24")	4533.47	(24")	6/3/1999	Soil	VOCs	Method 8260
B247	B247 (6-12")	4533.48	(6-12")	6/3/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B247	B247 (24")	4533.49	(24")	6/3/1999	Soil	VOCs	Method 8260
B248	B248 (6-12")	4533.50	(6-12")	6/3/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B248	B248 (24")	4533.51	(24")	6/3/1999	Soil	VOCs	Method 8260
B249	B249 (6-12")	4533.52	(6-12")	6/3/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B249	B249 (24")	4533.53	(24")	6/3/1999	Soil	VOCs	Method 8260
B250	B250 (6-12")	4533.54	(6-12")	6/3/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B250	B250 (24")	4533.55	(24")	6/3/1999	Soil	VOCs	Method 8260

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Table 4-1
Soil Sampling Results
M-8 Landfill Site
November 1998 - June 1999
Fort Monmouth, New Jersey

Lab Sample ID	NJDEP	4045.02	4045.03	4045.04	4045.05	4045.06	4045.07	4045.08	4045.09	4045.10	4045.11	4095.02	4095.03	4095.04	4095.05	4095.06	4095.07	4095.08	4095.09	4095.10	4095.11
Field Sample Location	Cleanup	B1 (6-12")	B1 (24")	B2 (6-12")	B2 (24")	B3 (6-12")	B3 (24")	B4 (6-12")	B4 (24")	B5 (6-12')	B5 (24')	B6 (6-12')	B6 (24')	B7 (6-12")	B7 (24")	B8 (6-12")	B8 (24")	B9 (6-12")	B9 (24")	B10 (6-12")	B10 (24")
Sample Date	Criteria (mg/kg)	11/10/1998	11/10/1998	11/10/1998	11/10/1998	11/10/1998	11/10/1998	11/10/1998	11/10/1998	11/10/1998	11/10/1998	11/30/1998	11/30/1998	11/30/1998	11/30/1998	11/30/1998	11/30/1998	11/30/1998	11/30/1998	11/30/1998	11/30/1998
Volatiles (mg/kg)																					
Methyl-tert-Butyl ether	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Acetone	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Carbon Disulfide	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Methylene Chloride	49		ND		ND		ND		ND		ND		ND		ND		0.69		0.88		0.85
2-Butonone	1000		ND		0.81		ND		0.88		0.89		ND		ND		ND		ND		ND
Benzene	3		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
2-Chloroethyl vinyl ether	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Toluene	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Chlorobenzene	37		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Tetrachloroethene	4		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Ethylbenzene	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
m+p-Xylenes	410		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Semi-Volatiles (mg/kg)																					
Aniline	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
1,4-Dichlorobenzene	570	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzyl Alcohol	10000	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4-Methylphenol	2800	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Nitrobenzene	28	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2,4-Dimethylphenol	1100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzoic Acid	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Naphthalene	230	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4-Chloroaniline	230	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2-Methylnaphthalene	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthylene	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthene	3400	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Dibenzofuran	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Diethylphthalate	10000	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Fluorene	2300	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Azobenzene	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Hexachlorobenzene	0.66	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Phenanthrene	NLE	ND		1.9		ND		ND		ND		ND		ND		ND		ND		ND	
Anthracene	10000	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Di-n-butylphthalate	5700	0.22 J		1.1		0.56 J		0.20 J		0.39 J		ND		ND		ND		1.1 J		1.0 J	
Fluoranthene	2300	ND		3.4		ND		0.13 J		ND		1.4 J		ND		ND		ND		ND	
Benzidine	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Pyrene	1700	ND		2.5		ND		0.24 J		ND		1.1 J		ND		ND		ND		1.4 J	
Butylbenzylphthalate	1100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzo[a]anthracene	0.9	ND		1.2		ND		ND		ND		ND		ND		ND		ND		ND	
3,3'-Dichlorobenzidine	2	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Chrysene	9	ND		2.1		ND		0.41 J		ND		ND		ND		ND		ND		ND	
bis(2-Ethylhexyl)phthalate	49	ND		ND		ND		ND		ND		ND		ND		ND		ND		2.6 J	
Di-n-octylphthalate	1100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzo[b]fluoranthene	0.9	ND		0.9 J		ND		0.76 J		ND		ND		ND		ND		ND		ND	
Benzo[k]fluoranthene	0.9	ND		0.89 J		ND		0.52 J		ND		ND		ND		ND		ND		ND	
Benzo[a]pyrene	0.66	ND		0.97 J		ND		ND		ND		ND		ND		ND		ND		ND	
Indeno[1,2,3-cd]pyrene	0.9	ND		0.54 J		ND		ND		ND		ND		ND		ND		ND		ND	
Dibenz[a,h]anthracene	0.66	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzo[g,h,I]perylene	NLE	ND		0.53 J		ND		ND		ND		ND		ND		ND		ND		ND	
Pesticides/PCBs (mg/kg)																					
gamma-BHC	0.52	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Heptachlor	0.15	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Heptachlor Epoxide	100	ND		ND		ND		0.014		ND		ND		ND		ND		ND		ND	
4,4'-DDE	2	0.036		0.04		0.017		0.089		0.044		0.049		0.057		0.207		0.379		0.066	
Dieldrin	0.042	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Endrin	17	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDD	3	0.046		0.051		0.033		0.427		0.07		0.066		0.094		2.123		0.364		0.089	
4,4'-DDT	2	0.061		0.036		0.038		0.117		0.093		0.145		0.179		0.175		0.05		0.029	
gamma-Chlordane	NLE	ND		0.003		0.005		0.03		0.005		ND		ND		0.094		0.022		ND	
alpha-Chlordane	NLE	ND		ND		0.005		0.02		0.003		ND		ND		0.11		0.017		ND	
Arochlor 1016	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1242	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1260	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Metals (mg/kg)																					
Aluminum	NLE	5660		11200		12700		7380		5420		8130		9230		11300		9880		18500	
Antimony	14	ND		ND		ND		2.53		ND		0.742		0.846		14.1		2.22		0.253	
Arsenic	20	8.08		10.8		14.7		8.78		8.39		8.12		9.85		10.9		14.8		15.4	
Barium	700	26.4		42.4		42.9		67.0		31.3		31.5		287		44.7		90.7		90.3	
Beryllium	2	0.762		1.43		1.59		0.788		0.659		0.999		1.52		1.43		1.21		1.82	
Cadmium	39	0.343		0.756		0.705		0.923		0.339		0.142		0.425		0.514		0.945		0.431	
Calcium	NLE	459		1540		3810		1900		417		771		992		1140		3480		3450	
Chromium	NLE	85.1		101		128		63.3		73.6		66.6		85.9		99.5		125		199	
Cobalt	NLE	1.04		2.45		2.94		2.73		1.00		2.11		5.30		2.20		1.61		3.21	
Copper	600	4.99		14.1		11.4		25.0		4.84		16.8		24.1		13.2		43.2		11.3	
Iron	NLE	21600		34600		42600		18800		17000		26300		27000		24000		29700		45000	
Lead	400	8.34		52.5		45.5		445		16.0		74.4		223		104		52.5		24.0	
Magnesium	NLE	2030		4180		4800		2050		1890		2780		3030		2880		3790		5780	
Manganese	NLE	37.5		45.8		104		46.3		18.1		59.1		126		22.9		34.2		101	
Mercury	14	0.02		0.045		0.115		0.156		0.053		0.065		0.101		0.059		0.481		0.233	
Nickel	250	4.33		10.7		15.2		8.52		3.43		8.22		14.2		12.5		10.9		13.1	
Potassium	NLE	3590		8500		9500		2950		3310		6510		6970		6640		9030		14500	
Selenium	63	0.847		0.80		0.842		0.903		1.02		0.706		0.613		1.38		1.35		1.31	
Silver	110	ND		ND		ND		ND		0.893		ND		ND		ND		ND		2.36	
Sodium	NLE	105		209		255		115		103		98.1		94.4		125		117		116	
Thallium	2	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Vanadium	370	35.6		47.8		60.6		37.3		26.8		42.2		51.9		64.0		65.4		103	
Zinc	1500	47.1		95.7		113		329		65.7		71.3		306		111		252		135	

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-8 Landfill Site
November 1998 - June 1999
Fort Monmouth, New Jersey

Lab Sample ID	NJDEP	4095.12	4095.13	4145.02	4145.03	4145.04	4145.05	4145.06	4145.07	4145.08	4145.09	4145.10	4145.11	4145.12	4145.13	4145.14	4145.15	4145.16	4145.17	4145.18	4145.19
Field Sample Location	Cleanup	B11 (6-12")	B11 (24")	B12 (6-12")	B12 (24")	B13 (6-12")	B13 (24")	B14 (6-12")	B14 (24")	B15 (6-12")	B15 (24")	B16 (6-12")	B16(24")	B17 (6-12")	B17 (24")	B18 (6-12")	B18 (24')	B19 (6-12")	B19 (24")	B20 (6-12")	B20 (24")
Sample Date	Criteria (mg/kg	11/30/1998	11/30/1998	12/15/1998	12/15/1998	12/15/1998	12/15/1998	12/15/1998	12/15/1998	12/16/1998	12/16/1998	12/16/1998	12/16/1998	12/16/1998	12/16/1998	12/16/1998	12/16/1998	12/16/1998	12/16/1998	12/16/1998	12/16/1998
Volatiles (mg/kg)																					
Methyl-tert-Butyl ether	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Acetone	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Carbon Disulfide	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Methylene Chloride	49		0.72		0.93		1.5		1.3		1.3		1.0		3.9		4.3		3.0		3.2
2-Butonone	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Benzene	3		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
2-Chloroethyl vinyl ether	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Toluene	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Chlorobenzene	37		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Tetrachloroethene	4		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Ethylbenzene	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
m+p-Xylenes	410		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Semi-Volatiles (mg/kg)																					
Aniline	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
1,4-Dichlorobenzene	570	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzyl Alcohol	10000	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4-Methylphenol	2800	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Nitrobenzene	28	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2,4-Dimethylphenol	1100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzoic Acid	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Naphthalene	230	ND		ND		ND		ND		0.27 J		ND		ND		ND		ND		ND	
4-Chloroaniline	230	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2-Methylnaphthalene	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthylene	NLE	ND		ND		ND		0.24 J		0.2 J		0.16 J		ND		0.23 J		ND		ND	
Acenaphthene	3400	ND		ND		ND		ND		0.54 J		ND		ND		ND		ND		ND	
Dibenzofuran	NLE	ND		ND		ND		ND		0.26 J		ND		ND		ND		ND		ND	
Diethylphthalate	10000	ND		ND		3		2.6		1.9		1.6		1.3 J		1.3 J		0.21 J		0.17 J	
Fluorene	2300	ND		ND		ND		ND		0.45 J		ND		ND		ND		ND		ND	
Azobenzene	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Hexachlorobenzene	0.66	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Phenanthrene	NLE	ND		1.0 J		0.33 J		1.8		5.6		0.83 J		0.46 J		1.1 J		0.19 J		0.14 J	
Anthracene	10000	ND		0.23 J		ND		0.33 J		1.1 J		0.22 J		ND		0.28 J		ND		ND	
Di-n-butylphthalate	5700	ND		1.3		0.53 J		1.3 J		1.8		1.2		0.42 J		0.43		1.3		1.2	
Fluoranthene	2300	ND		1.5		0.80 J		4.0		8.2		2.0		0.67 J		2.8		0.33 J		0.33 J	
Benzidine	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Pyrene	1700	ND		1.4		0.68 J		3.1		5.7		1.9		0.71 J		3.9		0.33 J		0.35 J	
Butylbenzylphthalate	1100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzo[a]anthracene	0.9	ND		0.62 J		0.3 J		1.4		2.8		0.99 J		0.27 J		0.77 J		0.16 J		0.18 J	
3,3'-Dichlorobenzidine	2	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Chrysene	9	ND		0.73 J		0.46 J		2.0		3.5		1.7		0.4 J		2.2		0.21 J		0.26 J	
bis(2-Ethylhexyl)phthalate	49	ND		0.29 J		0.27 J		0.16 J		0.41 J		0.21 J		0.14 J		0.39 J		0.29 J		0.18 J	
Di-n-octylphthalate	1100	1.6 J		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzo[b]fluoranthene	0.9	ND		0.57 J		0.4 J		1.6		3.1		1.4		0.36 J		1.6		0.17 J		0.21 J	
Benzo[k]fluoranthene	0.9	ND		0.68 J		0.42 J		1.6		2.9		1.4		0.42 J		1.6		0.19 J		0.27 J	
Benzo[a]pyrene	0.66	ND		0.59 J		0.34 J		1.5		2.7		1.0 J		0.29 J		1.1 J		0.19 J		0.22 J	
Indeno[1,2,3-cd]pyrene	0.9	ND		0.18 J		.017 J		0.6 J		0.86 J		0.35 J		ND		0.31 J		ND		ND	
Dibenz[a,h]anthracene	0.66	ND		ND		ND		0.18 J		0.25 J		0.14 J		ND		ND		ND		ND	
Benzo[g,h,I]perylene	NLE	ND		0.21 J		0.21 J		0.68 J		0.92 J		0.38 J		ND		0.34 J		0.11 J		ND	
Pesticides/PCBs (mg/kg)																					
gamma-BHC	0.52	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Heptachlor	0.15	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Heptachlor Epoxide	100	ND		ND		ND		ND		ND		ND		ND		0.017		ND		ND	
4,4'-DDE	2	0.074		0.014		0.04		0.053		0.071		0.07		0.015		0.181		0.05		0.11	
Dieldrin	0.042	ND		ND		ND		ND		ND		0.023		0.006		0.023		ND		ND	
Endrin	17	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDD	3	0.176		0.027		0.131		0.191		0.307		0.268		0.04		0.604		0.041		0.071	
4,4'-DDT	2	0.038		0.015		0.017		0.032		0.051		0.287		0.013		0.09		0.021		0.044	
gamma-Chlordane	NLE	0.024		0.011		0.009		ND		ND		0.056		ND		0.045		0.055		ND	
alpha-Chlordane	NLE	0.026		0.008		ND		ND		ND		0.071		ND		0.023		0.05		ND	
Arochlor 1016	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1242	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1260	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Metals (mg/kg)																					
Aluminum	NLE	10900		7970		13600		8860		8280		11300		8170		13900		4030		7590	
Antimony	14	3.28		0.532		1.30		ND		1.91		1.77		1.36		1.88		ND		0.468	
Arsenic	20	9.07		7.36		19.8		17.0		19.0		23.7		8.88		21.4		4.01		6.68	
Barium	700	62.8		61.4		54.7		23.7		36.6		32.6		28.6		51.4		18.1		27.4	
Beryllium	2	1.10		0.673		1.63		0.897		0.822		1.62		0.805		1.10		0.362		0.645	
Cadmium	39	0.52		0.308		0.161		1.33		0.435		1.25		0.382		1.69		0.206		0.224	
Calcium	NLE	2380		11300		1410		2170		1990		1190		2050		1670		3640		2230	
Chromium	NLE	85.6		60.1		139		100		108		202		72.4		166		65.6		58.4	
Cobalt	NLE	3.40		3.02		3.11		2.11		1.92		1.69		2.27		2.77		1.74		2.41	
Copper	600	20.0		19.2		31.3		30.5		29.9		61.8		1160		74.6		10.0		14.9	
Iron	NLE	31700		23600		46400		37500		35600		51000		25100		45200		13500		24300	
Lead	400	585		104		193		32.3		115		115		54.0		269		39.8		25.9	
Magnesium	NLE	3450		3400		4040		3320		3150		5430		2690		4630		1940		2540	
Manganese	NLE	52.4		84.8		56.4		56.0		48.8		33.9		62.9		51.6		228		73.5	
Mercury	14	0.199		0.089		0.356		0.122		0.258		0.253		0.085		0.616		0.064		0.087	
Nickel	250	12.7		8.93		12.4		7.83		7.48		8.94		7.49		11.6		5.18		7.23	
Potassium	NLE	7150		4480		7990		6670		6660		12300		4990		9410		2560		4280	
Selenium	63	0.763		0.915		2.07		1.20		1.95		2.10		0.986		2.09		ND		0.678	
Silver	110	ND		ND		3.15		ND		4.17		4.93		ND		6.13		ND		ND	
Sodium	NLE	78.6		293		742		474		233		282		213		407		199		281	
Thallium	2	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Vanadium	370	53.5		43.3		79.0		57.0		63.8		80.4		45.8		93.4		23.3		47.0	
Zinc	1500	216		123		76.5		76.3		68.7		84.7		100		110		155		69.6	

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-8 Landfill Site
November 1998 - June 1999
Fort Monmouth, New Jersey

Lab Sample ID	NJDEP	4145.20	4145.21	4145.22	4145.23	4145.24	4145.25	4145.26	4145.27	4145.28	4145.29	4145.30	4145.31	4145.32	4145.33	4145.34	4145.35	4194.02	4194.03	4194.04	4194.05
Field Sample Location	Cleanup	B21 (6-12")	B21 (24")	B22 (6-12")	B22 (24")	B23 (6-12")	B23 (24")	B24 (6-12")	B24 (24")	B25 (6-12")	B25 (24")	B26 (6-12")	B26 (24')	B27 (6-12")	B27 (24")	B28 (6-12')	B28 (24")	B29 (6-12")	B29 (24")	B30 (6-12")	B30 (24")
Sample Date	Criteria (mg/kg	12/16/1998	12/16/1998	12/16/1998	12/16/1998	12/16/1998	12/16/1998	12/16/1998	12/16/1998	12/16/1998	12/16/1998	12/16/1998	12/16/1998	12/16/1998	12/16/1998	12/16/1998	12/16/1998	1/19/1999	1/19/1999	1/19/1999	1/19/1999
Volatiles (mg/kg)																					
Methyl-tert-Butyl ether	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Acetone	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Carbon Disulfide	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Methylene Chloride	49		3.5		3.0		5.0		3.4		4.9		4		3.1		3.2		ND		ND
2-Butonone	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Benzene	3		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
2-Chloroethyl vinyl ether	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Toluene	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Chlorobenzene	37		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Tetrachloroethene	4		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Ethylbenzene	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
m+p-Xylenes	410		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Semi-Volatiles (mg/kg)																					
Aniline	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
1,4-Dichlorobenzene	570	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzyl Alcohol	10000	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4-Methylphenol	2800	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Nitrobenzene	28	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2,4-Dimethylphenol	1100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzoic Acid	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Naphthalene	230	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4-Chloroaniline	230	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2-Methylnaphthalene	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthylene	NLE	ND		0.13 J		0.2 J		ND		ND		ND		ND		ND		ND		ND	
Acenaphthene	3400	ND		ND		ND		ND		ND		0.15 J		ND		ND		ND		ND	
Dibenzofuran	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Diethylphthalate	10000	ND		ND		ND		0.82 J		ND		ND		ND		ND		ND		ND	
Fluorene	2300	ND		ND		ND		ND		ND		0.12 J		ND		ND		ND		ND	
Azobenzene	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Hexachlorobenzene	0.66	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Phenanthrene	NLE	0.19 J		1.2		1.0 J		0.26 J		0.65 J		1.4		0.15 J		0.16 J		ND		ND	
Anthracene	10000	ND		0.32 J		0.24 J		ND		0.14 J		0.32 J		0.16 J		0.16 J		ND		ND	
Di-n-butylphthalate	5700	2		1.2		1.0 J		2		1.1 J		1.0 J		1.4		0.34 J		1.6		0.97 J	
Fluoranthene	2300	0.44 J		2.2		2.6		0.69 J		1.3		2.1		1.7		0.4 J		0.19 J		ND	
Benzidine	NLE	ND		ND		ND		ND		8.3		8		6.5		8.6		ND		ND	
Pyrene	1700	0.49 J		2.2		2.3		1.0 J		1.8		2.8		2.2		0.55 J		0.18 J		ND	
Butylbenzylphthalate	1100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzo[a]anthracene	0.9	0.22 J		0.94 J		1.2 J		0.45 J		0.61 J		0.9 J		0.63 J		0.23 J		ND		ND	
3,3'-Dichlorobenzidine	2	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Chrysene	9	0.27 J		1.2		1.6		0.52 J		0.77 J		1.2		0.9 J		0.29 J		0.13 J		ND	
bis(2-Ethylhexyl)phthalate	49	0.18 J		0.22 J		0.51 J		0.26 J		0.3 J		0.26 J		0.34 J		ND		0.13 J		0.62 J	
Di-n-octylphthalate	1100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzo[b]fluoranthene	0.9	0.33 J		0.93 J		1.6		0.79 J		0.87 J		1.2		1.0 J		ND		ND		ND	
Benzo[k]fluoranthene	0.9	0.34 J		1.0 J		1.6		0.9 J		0.93 J		1.6		0.55 J		ND		0.12 J		ND	
Benzo[a]pyrene	0.66	0.4 J		0.79 J		1.3		0.59 J		0.7 J		1.1 J		0.85 J		ND		ND		ND	
Indeno[1,2,3-cd]pyrene	0.9	0.14 J		0.24 J		0.36 J		ND		ND		ND		ND		ND		ND		ND	
Dibenz[a,h]anthracene	0.66	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzo[g,h,i]perylene	NLE	0.18 J		0.26 J		0.39 J		ND		ND		ND		ND		ND		ND		ND	
Pesticides/PCBs (mg/kg)																					
gamma-BHC	0.52	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Heptachlor	0.15	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Heptachlor Epoxide	100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDE	2	0.105		0.061		0.082		0.036		0.048		0.044		0.09		ND		0.065		0.023	
Dieldrin	0.042	ND		ND		ND		ND		ND		0.013		ND		ND		0.013		0.026	
Endrin	17	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDD	3	0.187		0.16		0.199		0.08		0.099		0.128		0.215		ND		0.05		0.022	
4,4'-DDT	2	0.04		ND		0.027		0.03		0.241		ND		0.086		ND		0.144		0.075	
gamma-Chlordane	NLE	0.026		0.027		0.044		0.022		0.026		0.039		0.075		ND		0.032		ND	
alpha-Chlordane	NLE	0.022		0.022		0.015		0.021		0.018		0.035		0.059		ND		0.024		ND	
Arochlor 1016	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1242	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1260	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Metals (mg/kg)																					
Aluminum	NLE	10000		15800		13600		9510		8990		12900		10600		13100		11100		10300	
Antimony	14	1.63		30.7		1.39		7.64		0.956		2.13		3.72		1.07		ND		1.53	
Arsenic	20	12.9		14.6		18.0		7.31		8.82		20.9		7.77		17.2		7.23		5.26	
Barium	700	48.3		72.5		52.8		40.4		31.1		44.1		66.1		37.4		46.6		35.0	
Beryllium	2	1.13		1.29		1.10		0.96		0.66		1.02		1.02		1.58		0.872		0.608	
Cadmium	39	0.218		4.63		3.86		2.09		0.757		2.46		3.54		0.345		0.792		0.688	
Calcium	NLE	1920		4940		2880		1780		2960		1850		4490		2360		1560		4440	
Chromium	NLE	98.5		119		138		63.5		66.5		167		66.0		157		75.9		53.8	
Cobalt	NLE	2.25		4.22		3.07		3.70		3.84		3.28		4.00		2.75		2.56		1.84	
Copper	600	16.5		43.4		49.2		25.1		29.8		87.1		25.5		13.9		10.4		10.1	
Iron	NLE	31700		43600		38400		23200		26300		42400		26400		50400		20500		19900	
Lead	400	45.3		119		187		68.1		48.6		194		71.9		33.3		54.5		60.7	
Magnesium	NLE	3760		3730		3700		2170		3100		3540		2070		5660		2160		1780	
Manganese	NLE	91.9		75.5		48.3		63.1		94.5		63.8		185		101		26.6		51.6	
Mercury	14	0.132		0.301		0.424		0.175		0.128		0.568		0.200		0.073		0.08		0.07	
Nickel	250	7.28		13.2		10.6		9.47		9.97		13.3		11.7		11.1		11.4		6.71	
Potassium	NLE	7500		7220		8270		4060		4320		6840		4200		11800		4670		2560	
Selenium	63	0.905		1.12		1.73		0.579		ND		1.74		0.678		1.30		0.648		ND	
Silver	110	ND		ND		5.31		ND		ND		7.58		ND		ND		ND		ND	
Sodium	NLE	260		303		301		133		299		316		138		146		150		101	
Thallium	2	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Vanadium	370	57.5		86.5		82.5		51.6		49.5		87.6		51.5		86.5		46.0		58.4	
Zinc	1500	124		250		96.6		141		140		128		183		95.3		59.9		83.1	

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-8 Landfill Site
November 1998 - June 1999
Fort Monmouth, New Jersey

Lab Sample ID	NJDEP	4194.06	4194.07	4194.08	4194.09	4194.10	4194.11	4194.12	4194.13	4194.14	4194.15	4194.16	4194.17	4194.18	4194.19	4194.20	4194.21	4194.22	4194.23	4194.24	4194.25
Field Sample Location	Cleanup	B31 (6-12")	B31 (24")	B32 (6-12")	B32 (24")	B33 (6-12")	B33 (24")	B34 (6-12")	B34 (24")	B35 (6-12")	B35 (24")	B36 (6-12")	B36 (24")	B37 (6-12")	B37 (24")	B38 (6-12")	B38 (24")	B39 (6-12")	B39 (24")	B40 (6-12")	B40 (24")
Sample Date	Criteria (mg/kg)	1/19/1999	1/19/1999	1/19/1999	1/19/1999	1/19/1999	1/19/1999	1/19/1999	1/19/1999	1/19/1999	1/19/1999	1/19/1999	1/19/1999	1/19/1999	1/19/1999	1/19/1999	1/19/1999	1/19/1999	1/19/1999	1/19/1999	1/19/1999
Volatiles (mg/kg)																					
Methyl-tert-Butyl ether	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Acetone	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Carbon Disulfide	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Methylene Chloride	49		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
2-Butonone	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Benzene	3		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
2-Chloroethyl vinyl ether	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Toluene	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Chlorobenzene	37		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Tetrachloroethene	4		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Ethylbenzene	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
m+p-Xylenes	410		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Semi-Volatiles (mg/kg)																					
Aniline	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
1,4-Dichlorobenzene	570	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzyl Alcohol	10000	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4-Methylphenol	2800	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Nitrobenzene	28	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2,4-Dimethylphenol	1100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzoic Acid	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Naphthalene	230	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4-Chloroaniline	230	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2-Methylnaphthalene	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthylene	NLE	ND		0.84 J		ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthene	3400	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Dibenzofuran	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Diethylphthalate	10000	ND		ND		ND		ND		0.21 J		ND		ND		0.13 J		0.11 J		ND	
Fluorene	2300	ND		0.74 J		ND		ND		ND		ND		ND		ND		ND		ND	
Azobenzene	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Hexachlorobenzene	0.66	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Phenanthrene	NLE	0.42 J		12		0.29 J		1.7 J		0.33 J		ND		0.19 J		0.29 J		0.96 J		0.35 J	
Anthracene	10000	ND		1.8 J		ND		ND		ND		ND		ND		ND		0.17 J		ND	
Di-n-butylphthalate	5700	1.4		1.1 J		1.8		26		1.3		1.4 J		0.35 J		1.0 J		0.4 J		0.52 J	
Fluoranthene	2300	0.7 J		16		0.46 J		3.4 J		0.49 J		1.4 J		0.46 J		0.6 J		1.3		0.58 J	
Benzidine	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Pyrene	1700	0.69 J		11		0.43 J		2.7 J		0.47 J		2.1 J		0.36 J		0.5 J		1.0 J		0.77 J	
Butylbenzylphthalate	1100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzo[a]anthracene	0.9	0.33 J		5.4 J		0.21 J		1.0 J		0.23 J		0.88 J		0.24 J		0.25 J		0.46 J		0.24 J	
3,3'-Dichlorobenzidine	2	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Chrysene	9	0.4 J		5.9		0.27 J		1.4 J		0.13 J		1.1 J		0.28 J		0.38 J		0.61 J		0.31 J	
bis(2-Ethylhexyl)phthalate	49	0.17 J		ND		0.13 J		ND		0.15 J		1.0 J		ND		0.13 J		ND		ND	
Di-n-octylphthalate	1100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzo[b]fluoranthene	0.9	0.32 J		3.7 J		0.17 J		1.2 J		0.19 J		ND		0.28 J		0.28 J		0.35 J		0.21 J	
Benzo[k]fluoranthene	0.9	0.32 J		4.8 J		0.16 J		1.3 J		0.22 J		ND		0.28 J		0.29 J		0.44 J		0.26 J	
Benzo[a]pyrene	0.66	0.35 J		4.1 J		0.18 J		1.1 J		0.22 J		ND		0.23 J		0.24 J		0.37 J		0.35 J	
Indeno[1,2,3-cd]pyrene	0.9	ND		1.3 J		ND		ND		0.11 J		ND		ND		0.15 J		0.2 J		ND	
Dibenz[a,h]anthracene	0.66	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzo[g,h,i]perylene	NLE	0.14 J		1.4 J		ND		ND		0.15 J		ND		ND		0.18 J		0.25 J		0.29 J	
Pesticides/PCBs (mg/kg)																					
gamma-BHC	0.52	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Heptachlor	0.15	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Heptachlor Epoxide	100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDE	2	0.207		0.141		0.141		0.088		0.136		0.081		0.064		0.072		0.097		0.011	
Dieldrin	0.042	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Endrin	17	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDD	3	0.062		0.043		0.097		0.043		0.145		0.049		0.042		0.03		0.053		ND	
4,4'-DDT	2	0.739		0.332		0.662		0.182		0.253		0.276		0.246		0.138		0.133		ND	
gamma-Chlordane	NLE	ND		ND		ND		0.025		0.02		0.015		0.02		0.013		ND		ND	
alpha-Chlordane	NLE	ND		ND		ND		0.025		0.017		ND		0.013		ND		ND		ND	
Arochlor 1016	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1242	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1260	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Metals (mg/kg)																					
Aluminum	NLE	11400		9630		13000		7170		7240		8940		7840		10200		5410		9850	
Antimony	14	7.02		0.89		26.1		0.78		0.545		30.0		4.78		0.846		0.909		1.21	
Arsenic	20	7.28		6.77		6.94		7.37		6.89		10.6		10.2		11.6		6.79		7.46	
Barium	700	69.8		44.0		57.0		45.1		36.8		282		135		61.4		31.6		39.5	
Beryllium	2	0.726		0.782		0.734		0.814		0.768		0.76		0.851		1.06		0.557		0.96	
Cadmium	39	0.75		0.613		0.786		1.06		0.631		2.20		1.38		1.13		0.617		0.578	
Calcium	NLE	4540		1640		2420		2400		831		16600		2210		1300		246		10400	
Chromium	NLE	61.0		64.3		62.5		67.6		65.3		66.0		72.3		102		62.7		203	
Cobalt	NLE	2.44		2.01		3.88		2.60		1.84		4.91		3.05		2.61		0.724		3.97	
Copper	600	17.3		8.99		20.9		15.2		8.85		26.3		35.4		28.8		15.8		354	
Iron	NLE	20400		20600		22700		19300		18300		31600		25000		30300		19200		22900	
Lead	400	191		40.0		76.7		56.3		43.2		1990		528		62.7		45.9		27.7	
Magnesium	NLE	2560		1860		2100		1750		1790		2360		2360		3260		1680		2320	
Manganese	NLE	82.2		45.1		75.6		63.0		30.3		152		88.7		40.4		160		74.8	
Mercury	14	0.07		0.18		0.12		0.21		0.16		1.25		0.35		0.16		0.33		0.06	
Nickel	250	14.9		12.6		10.5		7.51		5.87		15.5		8.44		8.91		3.64		12.2	
Potassium	NLE	4460		3900		3370		3770		3790		4000		4540		6570		4030		2820	
Selenium	63	1.05		1.19		0.837		1.20		0.957		2.32		1.61		1.07		1.03		1.09	
Silver	110	0.821		3.57		ND		5.88		4.42		1.42		ND		2.38		1.07		ND	
Sodium	NLE	171		147		166		75.9		88.3		147		239		185		162		180	
Thallium	2	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Vanadium	370	39.4		40.6		51.9		34.7		34.9		43.3		35.6		38.1		25.1		44.3	
Zinc	1500	237		67.7		127		106		58.3		904		262		75.1		41.3		79.9	

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

Table 4-1
Soil Sampling Results
M-8 Landfill Site
November 1998 - June 1999
Fort Monmouth, New Jersey

Lab Sample ID	NJDEP	4194.26	4194.27	4351.02	4351.03	4351.04	4351.05	4351.06	4351.07	4351.08	4351.09	4351.10	4351.11	4351.12	4351.13	4351.14	4351.15	4351.16	4351.17	4351.18	4351.19
Field Sample Location	Cleanup	B41 (6-12")	B41 (24")	B1A (6-12")	B1A (24")	B2B (6-12")	B2B (24")	B3C (6-12")	B3C (24")	B4D (6-12")	B4D (24")	B5E (6-12")	B5E (24")	B6F (6-12")	B6F (24")	B7G (6-12")	B7G (24")	B8H (6-12")	B8H (24")	B9I (6-12")	B9I (24")
Sample Date	Criteria (mg/kg)	1/19/1999	1/19/1999	3/16/1999	3/16/1999	3/16/1999	3/16/1999	3/16/1999	3/16/1999	3/16/1999	3/16/1999	3/16/1999	3/16/1999	3/16/1999	3/16/1999	3/16/1999	3/16/1999	3/16/1999	3/16/1999	3/16/1999	3/16/1999
Volatiles (mg/kg)																					
Methyl-tert-Butyl ether	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Acetone	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Carbon Disulfide	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Methylene Chloride	49		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
2-Butonone	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Benzene	3		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
2-Chloroethyl vinyl ether	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Toluene	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Chlorobenzene	37		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Tetrachloroethene	4		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Ethylbenzene	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
m+p-Xylenes	410		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Semi-Volatiles (mg/kg)																					
Aniline	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
1,4-Dichlorobenzene	570	ND		ND		ND		ND		ND		ND		0.73 J		ND		ND		ND	
Benzyl Alcohol	10000	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4-Methylphenol	2800	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Nitrobenzene	28	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2,4-Dimethylphenol	1100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzoic Acid	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Naphthalene	230	ND		ND		ND		ND		ND		ND		0.42 J		ND		ND		ND	
4-Chloroaniline	230	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2-Methylnaphthalene	NLE	ND		ND		ND		ND		0.13 J		ND		ND		ND		ND		ND	
Acenaphthylene	NLE	0.21 J		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthene	3400	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Dibenzofuran	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Diethylphthalate	10000	ND		ND		ND		ND		0.14 J		ND		ND		ND		ND		ND	
Fluorene	2300	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Azobenzene	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Hexachlorobenzene	0.66	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Phenanthrene	NLE	0.2 J		ND		0.16 J		ND		0.37 J		ND		ND		ND		0.73 J		0.68 J	
Anthracene	10000	0.14 J		ND		ND		ND		ND		ND		ND		ND		0.2 J		0.18 J	
Di-n-butylphthalate	5700	1.3		ND		1.5		1.1 J		0.37 J		0.45 J		ND		2.70 J		0.61 J		0.32 J	
Fluoranthene	2300	0.56 J		ND		0.31 J		ND		0.65 J		0.19 J		0.29 J		ND		1.1 J		1.3 J	
Benzidine	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Pyrene	1700	0.74 J		ND		0.29 J		ND		0.61 J		0.2 J		0.24 J		ND		1.0 J		1.2 J	
Butylbenzylphthalate	1100	1.2		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzo[a]anthracene	0.9	0.39 J		ND		0.16 J		ND		0.32 J		0.17 J		ND		ND		0.48 J		0.65 J	
3,3'-Dichlorobenzidine	2	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Chrysene	9	0.51 J		ND		0.32 J		ND		0.59 J		0.27 J		0.29 J		ND		0.79 J		1.1 J	
bis(2-Ethylhexyl)phthalate	49	0.36 J		ND		0.22 J		0.33 J		0.34 J		0.18 J		1.4 J		0.22 J		0.3 J		0.19 J	
Di-n-octylphthalate	1100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzo[b]fluoranthene	0.9	0.36 J		ND		0.18 J		ND		0.34 J		0.17 J		ND		ND		0.33 J		0.63 J	
Benzo[k]fluoranthene	0.9	0.44 J		ND		0.21 J		ND		0.36 J		0.16 J		ND		ND		0.47 J		0.75 J	
Benzo[a]pyrene	0.66	0.46 J		ND		0.17 J		ND		0.36 J		0.18 J		ND		ND		0.47 J		0.75 J	
Indeno[1,2,3-cd]pyrene	0.9	0.14 J		ND		0.13 J		ND		0.23 J		ND		ND		ND		0.26 J		0.38 J	
Dibenz[a,h]anthracene	0.66	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzo[g,h,i]perylene	NLE	0.17 J		ND		0.14 J		ND		0.27 J		ND		ND		ND		0.28 J		0.37 J	
Pesticides/PCBs (mg/kg)																					
gamma-BHC	0.52	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Heptachlor	0.15	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Heptachlor Epoxide	100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDE	2	0.021		0.022		0.02		0.054		0.073		0.058		0.046		0.021		0.033		0.065	
Dieldrin	0.042	ND		ND		ND		0.03		0.022		ND		ND		ND		ND		ND	
Endrin	17	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDD	3	ND		0.073		ND		0.043		0.351		0.268		0.07		ND		0.049		0.232	
4,4'-DDT	2	0.051		0.10		ND		0.209		0.042		0.05		ND		0.049		ND		0.965	
gamma-Chlordane	NLE	0.017		0.034		ND		ND		0.035		0.033		ND		ND		ND		0.04	
alpha-Chlordane	NLE	0.017		0.021		ND		ND		0.023		0.019		ND		ND		ND		0.025	
Arochlor 1016	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1242	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1260	0.49	ND		0.727		ND		0.445		ND		ND		ND		ND		ND		ND	
Metals (mg/kg)																					
Aluminum	NLE	6960		12500		13600		7060		13300		8600		19700		13100		11700		12300	
Antimony	14	2.14		7.28		ND		1.21		2.52		22.6		4.47		ND		ND		2.88	
Arsenic	20	8.35		10.4		18.0		11.7		16.1		9.48		13.5		9.24		13.4		11.1	
Barium	700	41.8		35.6		55.5		47.4		61.4		101		78.6		51.7		68.8		63.9	
Beryllium	2	0.742		1.18		1.97		0.657		1.33		0.83		1.73		0.952		1.73		1.53	
Cadmium	39	1.15		0.432		0.286		ND		0.164		1.02		0.968		0.348		0.942		ND	
Calcium	NLE	2460		3410		4540		1190		3710		2580		3780		622		3120		1740	
Chromium	NLE	58.4		103		217		73.5		97.7		69.7		122		66.0		155		136	
Cobalt	NLE	3.14		2.26		3.00		1.63		5.17		3.30		3.91		2.34		2.62		2.33	
Copper	600	80.6		26.3		46.1		66.2		34.8		38.1		56.1		19.3		19.5		33.0	
Iron	NLE	22800		41800		53600		25500		43400		25400		45800		23800		34300		39800	
Lead	400	81.9		115		52.9		125		136		468		236		17.0		17.8		55.4	
Magnesium	NLE	2110		3840		6760		2100		3780		2450		4910		2330		5150		4680	
Manganese	NLE	84.2		55.7		22.9		33.0		143		73.5		90.2		73.0		33.8		38.6	
Mercury	14	0.09		0.26		0.18		0.61		18.17		0.33		0.26		0.08		0.08		0.39	
Nickel	250	40.4		7.76		8.67		5.37		20.3		8.91		16.4		5.85		11.9		12.6	
Potassium	NLE	3410		8640		17100		4530		7940		4770		10400		5540		11600		10400	
Selenium	63	1.36		ND		1.99		0.75		1.18		ND		ND		ND		1.23		1.09	
Silver	110	ND		ND		1.19		ND		ND		ND		ND		ND		ND		2.76	
Sodium	NLE	119		290		394		371		229		229		285		225		159		235	
Thallium	2	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Vanadium	370	299		66.2		57.7		36.6		73.3		44.1		83.5		42.3		71.4		122	
Zinc	1500	197		361		166		61.2		197		345		222		53.4		80.7		151	

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-8 Landfill Site
November 1998 - June 1999
Fort Monmouth, New Jersey

Lab Sample ID	NJDEP	4351.20	4351.21	4351.22	4351.23	4351.24	4351.25	4351.26	4351.27	4354.02	4354.03	4354.04	4354.05	4354.06	4354.07	4354.08	4354.09	4354.10	4354.11	4354.12	4354.13
Field Sample Location	Cleanup	B10J (6-12")	B10J (24")	B11K (6-12")	B11K (24")	B12L (6-12")	B12L (24")	B13M (6-12"	B13M (24")	B14N (6-12")	B14N (24")	B15O (6-12")	B15O (24")	B16P (6-12")	B16P (24")	B17Q (6-12"	B17Q (24")	B18R (6-12"*	B18R (24")	B19S (6-12")	B19S (24")
Sample Date	Criteria (mg/kg	3/16/1999	3/16/1999	3/16/1999	3/16/1999	3/16/1999	3/16/1999	3/16/1999	3/16/1999	3/17/1999	3/17/1999	3/17/1999	3/17/1999	3/17/1999	3/17/1999	3/17/1999	3/17/1999	3/17/1999	3/17/1999	3/17/1999	3/17/1999
Volatiles (mg/kg)																					
Methyl-tert-Butyl ether	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Acetone	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Carbon Disulfide	NLE		ND		ND		ND		ND		ND		ND		ND		0.6		ND		ND
Methylene Chloride	49		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
2-Butonone	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Benzene	3		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
2-Chloroethyl vinyl ether	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Toluene	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Chlorobenzene	37		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Tetrachloroethene	4		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Ethylbenzene	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
m+p-Xylenes	410		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Semi-Volatiles (mg/kg)																					
Aniline	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
1,4-Dichlorobenzene	570	ND		0.78 J		ND		ND		ND		ND		ND		ND		ND		ND	
Benzyl Alcohol	10000	ND		ND		ND		ND		1.6		ND		ND		ND		ND		ND	
4-Methylphenol	2800	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Nitrobenzene	28	ND		ND		ND		ND		0.31 J		ND		ND		ND		ND		ND	
2,4-Dimethylphenol	1100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzoic Acid	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Naphthalene	230	ND		0.24 J		ND		ND		ND		ND		ND		ND		0.16 J		ND	
4-Chloroaniline	230	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2-Methylnaphthalene	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthylene	NLE	ND		0.25 J		ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthene	3400	ND		ND		0.21 J		ND		ND		ND		ND		ND		0.59 J		ND	
Dibenzofuran	NLE	ND		ND		ND		ND		ND		ND		ND		ND		0.34 J		ND	
Diethylphthalate	10000	ND		0.16 J		0.16 J		0.19 J		ND		ND		ND		ND		ND		ND	
Fluorene	2300	ND		ND		0.23 J		ND		ND		ND		ND		ND		0.67 J		ND	
Azobenzene	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Hexachlorobenzene	0.66	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Phenanthrene	NLE	ND		0.23 J		2.7		0.27 J		ND		0.39 J		ND		0.13 J		6.1		0.15 J	
Anthracene	10000	ND		ND		0.84 J		ND		ND		ND		ND		ND		1.9		ND	
Di-n-butylphthalate	5700	0.31 J		1.1 J		0.48 J		0.56 J		0.6 J		0.69 J		1.5		0.78 J		0.27 J		0.18 J	
Fluoranthene	2300	ND		0.89 J		4.3		0.53 J		0.15 J		0.82 J		0.21 J		0.27 J		6.8		0.24 J	
Benzidine	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Pyrene	1700	ND		1.4 J		3.3		0.5 J		0.14 J		0.63 J		0.2 J		0.25 J		4.8		0.26 J	
Butylbenzylphthalate	1100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzo[a]anthracene	0.9	ND		0.87 J		1.8		0.26 J		ND		0.34 J		ND		0.14 J		2.5		0.13 J	
3,3'-Dichlorobenzidine	2	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Chrysene	9	ND		1.8		2.8		0.54J		0.16 J		0.57 J		0.21 J		0.28 J		3.8		0.26 J	
bis(2-Ethylhexyl)phthalate	49	0.26 J		0.34 J		0.18 J		0.16 J		0.17 J		0.46 J		0.17 J		0.21 J		0.14 J		0.18 J	
Di-n-octylphthalate	1100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzo[b]fluoranthene	0.9	ND		0.52 J		1.8		0.31 J		ND		0.3 J		ND		0.16 J		2.1		0.17 J	
Benzo[k]fluoranthene	0.9	ND		0.77 J		1.6		0.33 J		ND		0.36 J		ND		0.22 J		2.0		0.14 J	
Benzo[a]pyrene	0.66	ND		0.76 J		1.7		0.3 J		ND		0.34 J		0.12 J		0.15 J		2.5		0.15 J	
Indeno[1,2,3-cd]pyrene	0.9	ND		0.25 J		0.66 J		0.22 J		ND		0.22 J		ND		ND		1.4		ND	
Dibenz[a,h]anthracene	0.66	ND		ND		0.25 J		ND		ND		ND		ND		ND		0.39 J		ND	
Benzo[g,h,I]perylene	NLE	ND		0.29 J		0.55 J		0.26 J		ND		0.18 J		ND		ND		1.3		ND	
Pesticides/PCBs (mg/kg)																					
gamma-BHC	0.52	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Heptachlor	0.15	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Heptachlor Epoxide	100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDE	2	0.022		0.134		0.062		0.039		0.019		ND		0.021		0.058		ND		0.206	
Dieldrin	0.042	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Endrin	17	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDD	3	0.018		0.366		0.245		0.074		0.037		ND		0.088		0.119		ND		0.077	
4,4'-DDT	2	0.027		ND		0.032		0.065		ND		0.06		0.162		0.043		ND		0.409	
gamma-Chlordane	NLE	ND		0.021		0.016		0.016		ND		0.011		0.201		0.045		ND		0.019	
alpha-Chlordane	NLE	ND		0.016		ND		ND		ND		ND		0.171		0.036		ND		0.015	
Arochlor 1016	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1242	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1260	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		0.169	
Metals (mg/kg)																					
Aluminum	NLE	7480		13000		9700		14500		11700		6050		7470		7880		12300		10400	
Antimony	14	0.89		30.1		9.00		1.25		0.608		0.669		ND		0.936		ND		0.522	
Arsenic	20	10.8		8.18		7.60		15.1		14.8		5.20		10.2		4.82		12.3		9.42	
Barium	700	27.1		185		87.9		61.9		80.4		19.0		38.4		22.7		40.4		48.5	
Beryllium	2	0.885		1.05		0.823		1.29		1.62		0.544		0.803		0.598		1.28		0.933	
Cadmium	39	ND		0.417		8.88		0.142		ND		ND		ND		ND		ND		ND	
Calcium	NLE	526		13100		3490		2740		970		2050		1680		2020		1650		2060	
Chromium	NLE	88.4		76.6		70.8		154		173		51.8		73.1		61.5		114		93.7	
Cobalt	NLE	1.65		3.31		2.57		2.41		1.24		2.36		1.74		3.13		0.849		2.09	
Copper	600	12.4		19.8		20.5		34.7		20.9		17.0		22.9		26.6		8.46		16.8	
Iron	NLE	24500		27400		22800		45700		45300		18400		26200		17800		28800		25500	
Lead	400	10.7		672		334		160		35.1		58.1		74.7		47.7		9.58		39.8	
Magnesium	NLE	2760		4040		2920		4920		5500		2550		2540		2430		3810		2840	
Manganese	NLE	38.8		126		38.9		82.5		17.9		48.9		50.3		42.6		40.4		43.6	
Mercury	14	0.04		0.45		0.28		0.21		0.25		1.50		0.167		0.17		0.045		0.195	
Nickel	250	4.40		11.0		9.72		8.90		7.19		6.05		7.85		10.6		4.36		6.98	
Potassium	NLE	6390		6490		5320		11200		14500		3630		5130		4100		7960		6090	
Selenium	63	0.988		ND		0.335		1.00		3.51		0.900		1.86		0.973		1.45		1.33	
Silver	110	ND		ND		ND		ND		ND		ND		ND		ND		ND		2.83	
Sodium	NLE	158		262		162		262		238		103		93.7		364		69.0		89.3	
Thallium	2	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Vanadium	370	45.6		52.1		55.3		78.5		49.6		30.6		38.7		66.4		47.9		48.2	
Zinc	1500	37.5		346		181		313		83.3		47.6		73.4		47.3		41.3		67.8	

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

Table 4-1
Soil Sampling Results
M-8 Landfill Site
November 1998 - June 1999
Fort Monmouth, New Jersey

Lab Sample ID	NJDEP	4354.14	4354.15	4354.16	4354.17	4354.18	4354.19	4354.20	4354.21	4354.22	4354.23	4354.24	4354.25	4354.26	4354.27	4354.28	4354.29	4357.02	4357.03	4357.04	4357.05
Field Sample Location	Cleanup	B20T (6-12")	B20T (24")	B21U (6-12")	B21U (24")	B22V (6-12")	B22V (24")	B23W (6-12")	B23W (24")	B24X (6-12")	B24X (24")	B25Y (6-12")	B25Y (24")	B26Z (6-12")	B26Z (24")	B27AA (6-12"	B27AA (24")	B28BB (6-12"	B28BB (24")	B29CC (6-12"	B29CC (24")
Sample Date	Criteria (mg/kg)	3/17/1999	3/17/1999	3/17/1999	3/17/1999	3/17/1999	3/17/1999	3/17/1999	3/17/1999	3/17/1999	3/17/1999	3/17/1999	3/17/1999	3/17/1999	3/17/1999	3/17/1999	3/17/1999	3/18/1999	3/18/1999	3/18/1999	3/18/1999
Volatiles (mg/kg)																					
Methyl-tert-Butyl ether	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Acetone	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Carbon Disulfide	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Methylene Chloride	49		0.67 J		ND		ND		ND		ND		ND		ND		ND		ND		ND
2-Butonone	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Benzene	3		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
2-Chloroethyl vinyl ether	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Toluene	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Chlorobenzene	37		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Tetrachloroethene	4		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Ethylbenzene	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
m+p-Xylenes	410		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Semi-Volatiles (mg/kg)																					
Aniline	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
1,4-Dichlorobenzene	570	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzyl Alcohol	10000	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4-Methylphenol	2800	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Nitrobenzene	28	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2,4-Dimethylphenol	1100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzoic Acid	NLE	ND		ND		ND		ND		ND		0.78 J		ND		ND		ND		ND	
Naphthalene	230	ND		ND		ND		ND		7.0		ND		ND		ND		ND		ND	
4-Chloroaniline	230	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2-Methylnaphthalene	NLE	ND		ND		ND		ND		5.2		ND		ND		ND		ND		ND	
Acenaphthylene	NLE	ND		0.17 J		ND		ND		ND		0.12 J		0.16 J		ND		ND		ND	
Acenaphthene	3400	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Dibenzofuran	NLE	ND		ND		ND		ND		0.12 J		ND		ND		ND		ND		ND	
Diethylphthalate	10000	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Fluorene	2300	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Azobenzene	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Hexachlorobenzene	0.66	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Phenanthrene	NLE	ND		0.45 J		0.57 J		ND		0.29 J		0.62 J		0.15 J		0.16 J		ND		0.2 J	
Anthracene	10000	ND		0.15 J		0.15 J		ND		ND		ND		ND		ND		ND		ND	
Di-n-butylphthalate	5700	0.59 J		0.55 J		0.17 J		0.46 J		0.4 J		0.6 J		0.12 J		0.55 J		1.1 J		0.13 J	
Fluoranthene	2300	ND		1.0 J		1.3		0.2 J		0.34 J		0.64 J		0.29 J		0.34 J		0.27 J		0.26 J	
Benzidine	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Pyrene	1700	ND		1.1 J		1.3		0.19 J		0.28 J		0.78 J		0.38 J		0.36 J		0.2 J		0.25 J	
Butylbenzylphthalate	1100	ND		ND		ND		ND		0.77 J		ND		ND		ND		ND		0.16 J	
Benzo[a]anthracene	0.9	ND		0.55 J		0.69 J		0.12 J		0.18 J		0.37 J		0.26 J		0.22 J		0.16 J		0.14 J	
3,3'-Dichlorobenzidine	2	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Chrysene	9	ND		1.3		1.5		0.21 J		0.45 J		0.74 J		0.48 J		0.45 J		0.25 J		0.34 J	
bis(2-Ethylhexyl)phthalate	49	0.21 J		0.48 J		0.2 J		0.14 J		0.14 J		ND		ND		0.3 J		0.17 J		0.47 J	
Di-n-octylphthalate	1100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzo[b]fluoranthene	0.9	ND		0.98 J		1.4		0.16 J		0.27 J		0.28 J		0.31 J		0.3 J		0.17 J		0.15 J	
Benzo[k]fluoranthene	0.9	ND		0.9 J		1.0 J		0.12 J		0.32 J		0.29 J		0.33 J		0.21 J		0.17 J		0.15 J	
Benzo[a]pyrene	0.66	ND		0.65 J		1.9		0.15 J		ND		0.34 J		0.38 J		0.27 J		0.17 J		0.15 J	
Indeno[1,2,3-cd]pyrene	0.9	ND		0.27 J		1.5		ND		ND		0.18 J		0.24 J		ND		ND		ND	
Dibenz[a,h]anthracene	0.66	ND		ND		0.38 J		ND		ND		ND		ND		ND		ND		ND	
Benzo[g,h,I]perylene	NLE	ND		ND		1.6		ND		ND		0.23 J		0.28 J		ND		ND		ND	
Pesticides/PCBs (mg/kg)																					
gamma-BHC	0.52	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Heptachlor	0.15	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Heptachlor Epoxide	100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDE	2	0.035		0.096		0.083		0.054		0.033		0.147		ND		0.039		0.025		0.126	
Dieldrin	0.042	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Endrin	17	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDD	3	0.06		0.083		0.018		0.029		0.047		0.167		ND		0.134		0.048		0.135	
4,4'-DDT	2	ND		0.199		0.185		0.159		0.115		0.254		ND		0.043		0.07		0.34	
gamma-Chlordane	NLE	ND		0.03		ND		0.012		ND		ND		ND		0.034		ND		0.017	
alpha-Chlordane	NLE	ND		0.017		ND		ND		ND		ND		ND		0.022		ND		0.012	
Arochlor 1016	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1242	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1260	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Metals (mg/kg)																					
Aluminum	NLE	11100		15400		9060		7560		9690		6450		10200		8410		12800		13500	
Antimony	14	0.415		ND		ND		ND		2.92		ND		ND		2.91		2.76		1.93	
Arsenic	20	15.7		20.7		5.97		5.96		13.4		7.64		7.11		7.72		12.5		11.2	
Barium	700	67.3		66.1		27.8		23.6		40.6		30.1		26.0		50.4		107		60.8	
Beryllium	2	0.816		1.61		0.722		0.636		0.981		0.532		0.902		0.857		1.17		1.42	
Cadmium	39	ND		ND		ND		ND		ND		0.316		ND		ND		1.96		ND	
Calcium	NLE	882		1060		2420		2500		936		385		1720		2400		2860		2280	
Chromium	NLE	74.4		208		63.8		57.9		116		73.3		86.4		63.4		104		137	
Cobalt	NLE	1.39		1.45		2.73		2.63		1.29		0.882		1.92		2.74		3.53		2.05	
Copper	600	10.5		31.9		21.8		26.2		29.3		20.7		56.5		19.2		28.9		19.7	
Iron	NLE	24900		56400		25000		21100		35900		21600		27900		19800		36700		35200	
Lead	400	11.9		119		29.6		36.4		91.9		35.0		19.6		148		1060		240	
Magnesium	NLE	2990		6420		3110		2820		3390		1870		3000		1950		3830		4220	
Manganese	NLE	26.5		30.7		66.0		56.5		25.9		18.0		54.5		31.2		112		38.8	
Mercury	14	0.049		0.271		0.127		0.125		0.33		0.103		0.067		0.705		0.286		0.152	
Nickel	250	4.92		7.45		7.36		6.55		5.66		3.75		5.67		9.97		12.5		7.49	
Potassium	NLE	5270		15500		5170		4250		8160		4600		6600		4150		7930		9860	
Selenium	63	1.01		1.83		1.09		0.731		1.89		0.841		0.768		1.69		1.81		1.57	
Silver	110	ND		2.79		ND		ND		2.38		1.24		ND		ND		ND		ND	
Sodium	NLE	76.2		405		208		137		508		217		90.3		126		163		149	
Thallium	2	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Vanadium	370	40.0		95.3		44.1		36.5		48.1		33.2		44.6		40.0		73.9		63.3	
Zinc	1500	34.7		79.0		89.8		59.6		65.2		40.6		40.4		174		410		112	

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-8 Landfill Site
November 1998 - June 1999
Fort Monmouth, New Jersey

Lab Sample ID	NJDEP	4357.06	4357.07	4357.08	4357.09	4357.10	4357.11	4357.12	4357.13	4357.14	4357.15	4357.16	4357.17	4357.18	4357.19	4357.20	4357.21	4357.22	4357.23	4357.24	4357.25
Field Sample Location	Cleanup	B30DD (6-12"	B30DD (24")	B31EE (6-12"	B31EE (24")	B32FF (6-12"	B32FF (24")	B33GG (6-12"	B33GG (24")	B34HH (6-12"	B34HH (24")	B35II (6-12")	B35II (24")	B36JJ (6-12"	B36JJ (24")	B37KK (6-12"	B37KK (24")	B38LL (6-12"	B38LL (24")	B39MM (6-12"	B39MM (24"
Sample Date	Criteria (mg/kg)	3/18/1999	3/18/1999	3/18/1999	3/18/1999	3/18/1999	3/18/1999	3/18/1999	3/18/1999	3/18/1999	3/18/1999	3/18/1999	3/18/1999	3/18/1999	3/18/1999	3/18/1999	3/18/1999	3/18/1999	3/18/1999	3/18/1999	3/18/1999
Volatiles (mg/kg)																					
Methyl-tert-Butyl ether	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Acetone	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Carbon Disulfide	NLE		ND		ND		ND		ND		ND		ND		ND		0.26 J		ND		ND
Methylene Chloride	49		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
2-Butonone	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Benzene	3		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
2-Chloroethyl vinyl ether	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Toluene	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Chlorobenzene	37		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Tetrachloroethene	4		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Ethylbenzene	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
m+p-Xylenes	410		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Semi-Volatiles (mg/kg)																					
Aniline	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
1,4-Dichlorobenzene	570	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzyl Alcohol	10000	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4-Methylphenol	2800	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Nitrobenzene	28	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2,4-Dimethylphenol	1100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzoic Acid	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Naphthalene	230	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4-Chloroaniline	230	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2-Methylnaphthalene	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthylene	NLE	ND		ND		ND		0.17 J		ND		ND		ND		ND		ND		ND	
Acenaphthene	3400	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Dibenzofuran	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Diethylphthalate	10000	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Fluorene	2300	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Azobenzene	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Hexachlorobenzene	0.66	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Phenanthrene	NLE	ND		0.14 J		ND		0.76 J		0.18 J		ND		ND		ND		ND		ND	
Anthracene	10000	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Di-n-butylphthalate	5700	0.4 J		0.13 J		0.39 J		0.85 J		0.14 J		0.16 J		0.42 J		0.53 J		ND		0.37J	
Fluoranthene	2300	ND		0.28 J		0.27 J		0.55 J		1.5		ND		ND		ND		0.14 J		0.42 J	
Benzidine	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Pyrene	1700	ND		0.26 J		0.27 J		0.99 J		1.1 J		ND		ND		ND		0.15 J		0.36 J	
Butylbenzylphthalate	1100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzo[a]anthracene	0.9	ND		0.17 J		0.17 J		0.4 J		0.37 J		ND		ND		ND		0.13 J		0.21 J	
3,3'-Dichlorobenzidine	2	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Chrysene	9	ND		0.29 J		0.32 J		0.81 J		0.91 J		ND		ND		ND		0.2 J		0.48 J	
bis(2-Ethylhexyl)phthalate	49	ND		0.16 J		0.12 J		0.25 J		0.17 J		ND		ND		0.14 J		0.17 J		0.16 J	
Di-n-octylphthalate	1100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzo[b]fluoranthene	0.9	ND		0.2 J		0.19 J		0.23 J		0.35 J		ND		ND		ND		ND		0.15 J	
Benzo[k]fluoranthene	0.9	ND		0.24 J		0.21 J		0.31 J		0.28 J		ND		ND		ND		ND		0.15 J	
Benzo[a]pyrene	0.66	ND		0.18 J		0.19 J		0.32 J		0.24 J		ND		ND		ND		ND		0.22 J	
Indeno[1,2,3-cd]pyrene	0.9	ND		ND		0.13 J		ND		0.16 J		ND		ND		ND		ND		ND	
Dibenz[a,h]anthracene	0.66	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzo[g,h,i]perylene	NLE	ND		ND		0.15 J		ND		0.18 J		ND		ND		ND		ND		ND	
Pesticides/PCBs (mg/kg)																					
gamma-BHC	0.52	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Heptachlor	0.15	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Heptachlor Epoxide	100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDE	2	0.049		0.026		0.055		0.046		0.061		ND		ND		0.024		0.029		0.078	
Dieldrin	0.042	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Endrin	17	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDD	3	0.018		0.018		0.031		0.093		0.173		ND		ND		0.021		0.137		0.302	
4,4'-DDT	2	0.161		0.085		0.099		0.217		0.038		ND		ND		0.051		ND		0.032	
gamma-Chlordane	NLE	ND		ND		ND		ND		0.021		ND		ND		ND		0.018		0.024	
alpha-Chlordane	NLE	ND		ND		ND		ND		0.016		ND		ND		ND		0.013		0.022	
Arochlor 1016	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1242	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1260	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Metals (mg/kg)																					
Aluminum	NLE	6270		10500		10100		6890		10600		15400		10200		7400		8850		12100	
Antimony	14	ND		9.24		ND		73.5		ND		ND		ND		0.719		4.61		4.68	
Arsenic	20	5.05		6.93		13.6		5.47		10.0		10.8		14.8		5.40		7.37		8.32	
Barium	700	23.8		132		64.7		68.1		44.4		40.0		64.6		41.7		37.8		60.9	
Beryllium	2	0.471		0.777		0.946		0.573		0.789		1.48		1.12		0.608		0.811		0.923	
Cadmium	39	ND		2.43		1.33		0.542		ND		ND		ND		ND		0.129		0.246	
Calcium	NLE	1940		2120		824		21100		1260		1780		691		1070		2340		5270	
Chromium	NLE	45.8		104		90.5		47.0		124		164		145		57.6		74.5		85.2	
Cobalt	NLE	2.10		2.95		1.31		4.11		1.46		0.726		1.16		2.52		1.85		3.48	
Copper	600	23.1		17.5		30.0		35.1		53.5		3.38		18.7		15.3		9.28		20.1	
Iron	NLE	16100		22500		28100		19500		28200		35800		40800		17000		23000		27600	
Lead	400	45.1		686		68.3		1090		59.4		8.02		79.1		24.0		108		181	
Magnesium	NLE	2070		2530		2540		1910		2980		5300		3940		1490		2450		3000	
Manganese	NLE	49.4		138		25.7		110		27.1		23.5		18.1		79.1		27.3		132	
Mercury	14	0.148		0.200		0.082		0.318		0.127		0.025		0.121		0.131		0.096		0.28	
Nickel	250	6.96		9.36		5.75		9.00		5.49		5.24		5.99		7.62		7.91		17.3	
Potassium	NLE	3210		4700		5980		3430		6320		12000		10500		3380		5310		5970	
Selenium	63	ND		1.39		2.02		1.46		1.13		3.25		2.08		0.919		0.942		1.04	
Silver	110	ND		ND		ND		ND		ND		ND		2.34		ND		ND		ND	
Sodium	NLE	176		177		256		206		160		141		198		105		136		148	
Thallium	2	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Vanadium	370	34.3		48.8		40.7		38.0		52.8		71.5		46.5		44.1		48.5		121	
Zinc	1500	61.4		532		70.2		485		38.3		41.9		75.6		95.5		158		249	

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-8 Landfill Site
November 1998 - June 1999
Fort Monmouth, New Jersey

Lab Sample ID	NJDEP	4357.26	4357.27	4357.28	4357.29	4357.30	4357.31	4372.02	4372.03	4372.04	4372.05	4372.06	4372.07	4372.08	4372.09	4372.10	4372.11	4372.12	4372.13	4376.02	4376.03
Field Sample Location	Cleanup	B40NN (6-12")	B40NN (24")	B41OO (6-12")	B41OO (24")	B42PP (6-12")	B42PP (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")	B49 (6-12")	B49 (24")
Sample Date	Criteria (mg/kg)	3/18/1999	3/18/1999	3/18/1999	3/18/1999	3/18/1999	3/18/1999	3/26/1999	3/26/1999	3/26/1999	3/26/1999	3/26/1999	3/26/1999	3/18/1999	3/26/1999	3/26/1999	3/26/1999	3/26/1999	3/26/1999	3/29/1999	3/29/1999
Volatiles (mg/kg)																					
Methyl-tert-Butyl ether	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Acetone	1000		ND		ND		ND		ND		ND		ND		ND		1.5		1.2		ND
Carbon Disulfide	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Methylene Chloride	49		ND		ND		ND		ND		ND		ND		1.2		1.1		1.1		ND
2-Butonone	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Benzene	3		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
2-Chloroethyl vinyl ether	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Toluene	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Chlorobenzene	37		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Tetrachloroethene	4		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Ethylbenzene	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
m+p-Xylenes	410		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Semi-Volatiles (mg/kg)																					
Aniline	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
1,4-Dichlorobenzene	570	1.2 J		ND		0.2 J		ND		ND		ND		ND		ND		ND		ND	
Benzyl Alcohol	10000	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4-Methylphenol	2800	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Nitrobenzene	28	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2,4-Dimethylphenol	1100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzoic Acid	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Naphthalene	230	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4-Chloroaniline	230	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2-Methylnaphthalene	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthylene	NLE	ND		ND		ND		ND		ND		0.15 J		ND		ND		ND		ND	
Acenaphthene	3400	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Dibenzofuran	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Diethylphthalate	10000	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Fluorene	2300	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Azobenzene	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Hexachlorobenzene	0.66	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Phenanthrene	NLE	ND		ND		0.14 J		0.17 J		ND		0.54 J		0.36 J		ND		ND		ND	
Anthracene	10000	ND		ND		ND		ND		ND		0.21 J		ND		ND		ND		ND	
Di-n-butylphthalate	5700	0.17 J		0.12 J		0.47J		0.81 J		0.79 J		0.63 J		0.45 J		0.39 J		0.22 J		0.65 J	
Fluoranthene	2300	0.47 J		ND		0.19 J		0.39 J		ND		1.1 J		0.46 J		ND		0.21 J		ND	
Benzidine	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Pyrene	1700	0.64 J		ND		0.23 J		0.34 J		ND		1.2		0.49 J		0.17 J		0.36 J		0.34 J	
Butylbenzylphthalate	1100	ND		ND		ND		ND		ND		ND		ND		ND		0.16 J		ND	
Benzo[a]anthracene	0.9	0.4 J		ND		ND		0.25 J		ND		0.58 J		0.25 J		ND		0.2 J		ND	
3,3'-Dichlorobenzidine	2	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Chrysene	9	0.66 J		ND		0.2 J		0.45 J		ND		1.0 J		0.48 J		0.18 J		0.44 J		0.35 J	
bis(2-Ethylhexyl)phthalate	49	0.5 J		0.19 J		0.66 J		0.15 J		0.13 J		0.41 J		0.19 J		0.28 J		0.26 J		0.37 J	
Di-n-octylphthalate	1100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzo[b]fluoranthene	0.9	0.43 J		ND		ND		0.26 J		ND		0.56 J		0.26 J		ND		0.23 J		ND	
Benzo[k]fluoranthene	0.9	0.43 J		ND		ND		0.25 J		ND		0.53 J		0.22 J		ND		0.21 J		ND	
Benzo[a]pyrene	0.66	0.39 J		ND		ND		0.24 J		ND		0.64 J		0.25 J		ND		0.21 J		ND	
Indeno[1,2,3-cd]pyrene	0.9	ND		ND		ND		ND		ND		0.22 J		ND		ND		ND		ND	
Dibenz[a,h]anthracene	0.66	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzo[g,h,i]perylene	NLE	ND		ND		ND		ND		ND		0.25 J		ND		ND		ND		ND	
Pesticides/PCBs (mg/kg)																					
gamma-BHC	0.52	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Heptachlor	0.15	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Heptachlor Epoxide	100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDE	2	0.056		0.014		0.042		0.097		ND		0.082		0.024		0.158		0.12		0.081	
Dieldrin	0.042	ND		ND		ND		ND		ND		ND		ND		0.011		ND		ND	
Endrin	17	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDD	3	0.087		ND		0.119		0.35		ND		0.358		0.108		0.309		0.458		0.203	
4,4'-DDT	2	ND		0.036		ND		0.292		ND		0.042		ND		0.043		ND		ND	
gamma-Chlordane	NLE	0.021		ND		ND		0.02		ND		0.016		0.012		0.022		0.021		0.016	
alpha-Chlordane	NLE	0.029		ND		ND		0.015		ND		0.013		ND		0.014		0.012		ND	
Arochlor 1016	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1242	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1260	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Metals (mg/kg)																					
Aluminum	NLE	9160		9440		7360		10600		8030		7910		9610		8180		15300		36900	
Antimony	14	5.07		0.635		7.26		0.531		0.492		3.10		1.63		19.8		1.94		29.8	
Arsenic	20	8.77		10.6		9.93		11.5		5.98		8.56		11.1		8.45		9.18		9.76	
Barium	700	131		38.4		68.2		63.9		12.0		62.5		57.6		40.3		55.1		157	
Beryllium	2	0.854		0.851		1.07		1.00		0.609		0.768		1.05		0.836		1.47		1.05	
Cadmium	39	5.29		ND		ND		ND		ND		0.526		ND		0.228		ND		0.488	
Calcium	NLE	4130		1810		1450		2420		716		3340		2560		1740		1550		4080	
Chromium	NLE	465		66.6		84.8		103		57.6		58.1		94.1		79.8		96.1		83.6	
Cobalt	NLE	2.89		1.35		1.18		1.63		2.40		4.65		2.85		3.00		2.76		6.89	
Copper	600	135		14.0		25.4		24.1		4.32		49.4		44.4		19.5		10.1		40.1	
Iron	NLE	27400		21700		28100		27200		21200		23100		31400		24200		31700		32200	
Lead	400	112		17.4		90.1		134		4.48		87.2		90.6		141		59.1		1490	
Magnesium	NLE	2530		1880		2670		3560		1450		2820		3290		2170		3490		3000	
Manganese	NLE	43.1		29.3		21.0		39.9		91.7		101		80.9		75.7		40.3		152	
Mercury	14	2.17		0.186		0.217		0.249		0.067		0.26		0.297		0.838		0.098		0.221	
Nickel	250	15.4		5.91		6.73		7.54		3.99		12.6		17.9		12.7		12.3		19.4	
Potassium	NLE	5190		3620		5950		6710		3640		3530		6230		4600		7360		5170	
Selenium	63	1.45		1.29		1.18		0.752		ND		1.16		0.698		0.722		ND		ND	
Silver	110	124		ND		ND		ND		ND		ND		1.93		1.71		ND		ND	
Sodium	NLE	215		152		223		165		168		215		192		219		161		310	
Thallium	2	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Vanadium	370	71.4		37.9		37.6		53.0		58.3		50.3		107		39.5		60.9		48.6	
Zinc	1500	518		37.6		125		81.6		25.0		320		221		231		129		651	

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-8 Landfill Site
November 1998 - June 1999
Fort Monmouth, New Jersey

Lab Sample ID	NJDEP	4376.04	4376.05	4376.06	4376.07	4376.08	4376.09	4376.10	4376.11	4376.12	4376.13	4376.14	4376.15	4376.16	4376.17	4376.18	4376.19	4376.20	4376.21	4376.22	4376.23
Field Sample Location	Cleanup	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")	B57 (6-12")	B57 (24")	B58 (6-12")	B58 (24")	B59 (6-12")	B59 (24")
Sample Date	Criteria (mg/kg)	3/29/1999	3/29/1999	3/29/1999	3/29/1999	3/29/1999	3/29/1999	3/29/1999	3/29/1999	3/29/1999	3/29/1999	3/29/1999	3/29/1999	3/29/1999	3/29/1999	3/29/1999	3/29/1999	3/29/1999	3/29/1999	3/29/1999	3/29/1999
Volatiles (mg/kg)																					
Methyl-tert-Butyl ether	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Acetone	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Carbon Disulfide	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Methylene Chloride	49		ND		ND		ND		1.3		ND		ND		ND		ND		ND		ND
2-Butonone	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Benzene	3		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
2-Chloroethyl vinyl ether	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Toluene	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Chlorobenzene	37		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Tetrachloroethene	4		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Ethylbenzene	1000		ND		ND		1.3		ND		ND		ND		ND		ND		ND		ND
m+p-Xylenes	410		ND		ND		1.6		ND		ND		ND		ND		ND		ND		ND
Semi-Volatiles (mg/kg)																					
Aniline	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
1,4-Dichlorobenzene	570	ND		ND		0.35 J		ND		ND		ND		ND		ND		1.6 J		0.26 J	
Benzyl Alcohol	10000	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4-Methylphenol	2800	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Nitrobenzene	28	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2,4-Dimethylphenol	1100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzoic Acid	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Naphthalene	230	ND		ND		0.23 J		ND		ND		ND		ND		ND		0.24 J		ND	
4-Chloroaniline	230	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2-Methylnaphthalene	NLE	ND		ND		0.36 J		ND		ND		ND		ND		ND		ND		ND	
Acenaphthylene	NLE	ND		ND		0.18 J		ND		ND		ND		ND		ND		ND		ND	
Acenaphthene	3400	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Dibenzofuran	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Diethylphthalate	10000	ND		ND		ND		0.13 J		ND		ND		ND		ND		ND		ND	
Fluorene	2300	ND		ND		0.17 J		ND		ND		ND		ND		ND		ND		ND	
Azobenzene	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Hexachlorobenzene	0.66	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Phenanthrene	NLE	0.19 J		ND		0.88 J		0.14 J		0.12 J		ND		0.23 J		0.29 J		0.22 J		0.53 J	
Anthracene	10000	ND		ND		0.14 J		ND		ND		ND		ND		ND		ND		0.15 J	
Di-n-butylphthalate	5700	0.26 J		0.98 J		0.59 J		1.1		0.55 J		0.26 J		1.3		0.59 J		2.5		0.63 J	
Fluoranthene	2300	0.29 J		ND		0.53 J		0.29 J		0.26 J		0.15 J		0.43 J		0.7 J		0.21 J		0.63 J	
Benzidine	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Pyrene	1700	0.41 J		ND		0.88 J		0.16 J		0.26 J		0.16 J		0.4 J		0.66 J		0.29 J		0.63 J	
Butylbenzylphthalate	1100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzo[a]anthracene	0.9	0.2 J		ND		0.36 J		ND		0.14 J		ND		0.2 J		0.4 J		ND		0.31 J	
3,3'-Dichlorobenzidine	2	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Chrysene	9	0.4 J		ND		0.73 J		0.23 J		0.26 J		0.17 J		0.39 J		0.63 J		0.29 J		0.58 J	
bis(2-Ethylhexyl)phthalate	49	0.15 J		0.15 J		0.34 J		ND		0.2 J		ND		0.22 J		ND		3.6		0.8 J	
Di-n-octylphthalate	1100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzo[b]fluoranthene	0.9	0.18 J		ND		0.19 J		0.11 J		0.12 J		ND		0.18 J		0.31 J		ND		0.25 J	
Benzo[k]fluoranthene	0.9	0.18 J		ND		0.2 J		0.15 J		0.14 J		ND		0.18 J		0.28 J		ND		0.23 J	
Benzo[a]pyrene	0.66	0.21 J		ND		0.31 J		0.12 J		0.13 J		ND		0.19 J		0.35 J		ND		0.27 J	
Indeno[1,2,3-cd]pyrene	0.9	ND		ND		0.17 J		ND		ND		ND		0.17 J		0.24 J		ND		0.15 J	
Dibenz[a,h]anthracene	0.66	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzo[g,h,I]perylene	NLE	ND		ND		0.24 J		ND		ND		ND		0.17 J		0.25 J		ND		0.16 J	
Pesticides/PCBs (mg/kg)																					
gamma-BHC	0.52	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Heptachlor	0.15	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Heptachlor Epoxide	100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDE	2	0.043		0.045		ND		0.073		0.015		0.022		0.13		0.093		ND		0.077	
Dieldrin	0.042	0.022		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Endrin	17	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDD	3	0.071		0.067		0.039		0.407		ND		0.043		0.101		0.414		0.087		0.144	
4,4'-DDT	2	0.031		0.28		ND		0.047		0.055		ND		0.247		0.057		ND		0.078	
gamma-Chlordane	NLE	0.02		ND		ND		0.023		0.013		ND		0.012		0.028		ND		ND	
alpha-Chlordane	NLE	0.018		ND		ND		0.016		ND		ND		ND		0.018		ND		ND	
Arochlor 1016	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1242	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1260	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Metals (mg/kg)																					
Aluminum	NLE	13500		6650		17000		9670		7520		14800		11800		9840		9520		7790	
Antimony	14	2.77		0.503		ND		0.469		ND		0.537		ND		4.02		ND		1.30	
Arsenic	20	10.7		7.55		11.5		5.86		11.8		7.37		11.7		8.78		8.56		8.72	
Barium	700	45.0		26.7		58.2		39.3		32.7		10.7		30.9		79.3		66.8		64.1	
Beryllium	2	1.09		0.803		1.32		0.653		0.726		1.02		0.802		0.88		0.646		0.745	
Cadmium	39	0.546		ND		ND		ND		0.39		ND		ND		1.26		ND		ND	
Calcium	NLE	2640		620		2370		526		2480		824		748		2050		4140		8930	
Chromium	NLE	84.7		82.4		137		51.3		67.4		108		97.8		74.5		57.5		75.4	
Cobalt	NLE	3.87		0.865		2.88		1.57		2.09		1.66		1.70		3.00		3.71		3.06	
Copper	600	28.9		12.9		24.7		11.4		18.2		18.3		22.5		22.7		38.8		63.5	
Iron	NLE	27800		21800		38100		17500		24000		38800		32400		26600		34900		80600	
Lead	400	188		21.0		30.0		17.3		49.2		8.41		50.4		883		187		169	
Magnesium	NLE	2780		2400		4490		1720		2880		3530		3380		2460		2380		2380	
Manganese	NLE	91.1		16.9		95.2		38.2		60.9		27.1		38.6		35.2		222		455	
Mercury	14	0.155		0.048		0.086		0.166		4.472		0.516		0.168		0.367		2.805		1.632	
Nickel	250	15.3		3.94		14.4		5.29		7.60		9.07		6.45		11.0		16.1		12.7	
Potassium	NLE	4390		5820		10400		3240		5220		5180		7380		5110		3680		4350	
Selenium	63	ND		0.648		0.896		ND		ND		0.995		ND		0.847		ND		0.882	
Silver	110	ND		ND		ND		ND		ND		ND		ND		ND		ND		3.49	
Sodium	NLE	356		137		269		537		185		107		528		169		312		274	
Thallium	2	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Vanadium	370	62.4		37.1		78.1		29.6		38.5		58.2		52.0		73.0		42.1		38.5	
Zinc	1500	360		32.2		85.7		30.9		91.0		72.7		44.3		249		189		327	

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-8 Landfill Site
November 1998 - June 1999
Fort Monmouth, New Jersey

Lab Sample ID	NJDEP	4376.24	4376.25	4376.26	4376.27	4376.28	4376.29	4376.30	4376.31	4376.32	4376.33	4376.34	4376.35	4376.36	4376.37	4382.02	4382.03	4382.04	4382.05	4382.06	4382.07
Field Sample Location	Cleanup	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")	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")
Sample Date	Criteria (mg/kg)	3/29/1999	3/29/1999	3/29/1999	3/29/1999	3/29/1999	3/29/1999	3/29/1999	3/29/1999	3/29/1999	3/29/1999	3/29/1999	3/29/1999	3/29/1999	3/29/1999	3/30/1999	3/30/1999	3/30/1999	3/30/1999	3/30/1999	3/30/1999
Volatiles (mg/kg)																					
Methyl-tert-Butyl ether	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Acetone	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Carbon Disulfide	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Methylene Chloride	49		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
2-Butonone	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Benzene	3		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
2-Chloroethyl vinyl ether	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Toluene	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Chlorobenzene	37		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Tetrachloroethene	4		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Ethylbenzene	1000		ND		ND		ND		ND		ND		0.75 J		ND		ND		ND		ND
m+p-Xylenes	410		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Semi-Volatiles (mg/kg)																					
Aniline	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
1,4-Dichlorobenzene	570	ND		ND		0.61 J		ND		ND		4.2		ND		ND		ND		ND	
Benzyl Alcohol	10000	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4-Methylphenol	2800	ND		ND		ND		ND		ND		1.1 J		ND		ND		ND		ND	
Nitrobenzene	28	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2,4-Dimethylphenol	1100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzoic Acid	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Naphthalene	230	ND		ND		0.54 J		ND		ND		10		0.56 J		ND		ND		ND	
4-Chloroaniline	230	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2-Methylnaphthalene	NLE	ND		ND		ND		ND		ND		0.52 J		ND		ND		ND		ND	
Acenaphthylene	NLE	ND		ND		ND		0.27 J		ND		ND		ND		ND		ND		ND	
Acenaphthene	3400	ND		ND		ND		0.56 J		ND		ND		0.48 J		ND		ND		ND	
Dibenzofuran	NLE	ND		ND		ND		0.33 J		ND		ND		ND		ND		ND		ND	
Diethylphthalate	10000	ND		ND		ND		ND		ND		0.22 J		ND		ND		0.18 J		0.15 J	
Fluorene	2300	ND		ND		ND		0.74 J		ND		ND		ND		ND		ND		ND	
Azobenzene	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Hexachlorobenzene	0.66	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Phenanthrene	NLE	ND		ND		0.18 J		6.3		0.26 J		ND		0.27 J		0.32 J		ND		1.0 J	
Anthracene	10000	ND		ND		ND		1.9		ND		ND		ND		ND		ND		0.2 J	
Di-n-butylphthalate	5700	0.32 J		0.17 J		0.21 J		0.42 J		ND		2.7		0.65 J		0.22 J		0.68 J		0.61 J	
Fluoranthene	2300	ND		ND		0.31 J		8.0		0.41 J		ND		0.96 J		0.75 J		ND		2.1	
Benzidine	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Pyrene	1700	ND		ND		0.24 J		6.2		0.34 J		ND		0.91 J		0.68 J		ND		1.6	
Butylbenzylphthalate	1100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzo[a]anthracene	0.9	ND		ND		0.24 J		3.6		0.22 J		ND		0.29 J		0.41 J		ND		0.92 J	
3,3'-Dichlorobenzidine	2	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Chrysene	9	ND		ND		0.23 J		5.4		0.35 J		ND		0.46 J		0.7 J		ND		1.6	
bis(2-Ethylhexyl)phthalate	49	0.16 J		0.18 J		28		0.17 J		0.49 J		4.9		1.9		0.23 J		0.16 J		ND	
Di-n-octylphthalate	1100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzo[b]fluoranthene	0.9	ND		ND		ND		3.4		0.17 J		ND		0.3 J		0.45 J		ND		0.86 J	
Benzo[k]fluoranthene	0.9	ND		ND		ND		2.3		0.15 J		ND		0.31 J		0.4 J		ND		0.86 J	
Benzo[a]pyrene	0.66	ND		ND		ND		3.1		0.18 J		ND		0.25 J		0.45 J		ND		0.96 J	
Indeno[1,2,3-cd]pyrene	0.9	ND		ND		ND		1.7		ND		ND		ND		0.2 J		ND		0.65 J	
Dibenz[a,h]anthracene	0.66	ND		ND		ND		0.82 J		ND		ND		ND		ND		ND		0.22 J	
Benzo[g,h,i]perylene	NLE	ND		ND		ND		1.5		ND		ND		ND		0.2 J		ND		0.7 J	
Pesticides/PCBs (mg/kg)																					
gamma-BHC	0.52	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Heptachlor	0.15	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Heptachlor Epoxide	100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDE	2	0.072		0.045		0.054		0.08		0.073		ND		0.052		0.153		0.074		ND	
Dieldrin	0.042	0.022		ND		ND		ND		ND		ND		ND		0.033		ND		ND	
Endrin	17	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDD	3	0.111		0.124		0.272		0.043		0.10		0.144		0.173		0.737		0.03		ND	
4,4'-DDT	2	0.145		0.079		ND		0.214		ND		0.658		ND		0.093		0.104		ND	
gamma-Chlordane	NLE	0.019		ND		ND		ND		ND		ND		0.014		0.08		0.021		ND	
alpha-Chlordane	NLE	0.015		ND		ND		ND		ND		ND		ND		0.062		0.023		ND	
Arochlor 1016	0.49	ND		ND		ND		ND		4.763		ND		ND		ND		ND		ND	
Arochlor 1242	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1260	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Metals (mg/kg)																					
Aluminum	NLE	15400		8470		12400		11200		13900		10200		8630		9030		11700		17500	
Antimony	14	4.46		4.48		1.95		0.648		0.627		10.3		ND		5.21		0.537		ND	
Arsenic	20	8.62		7.85		5.72		8.89		11.9		8.31		8.66		18.3		8.71		13.4	
Barium	700	43.3		53.6		85.0		39.8		83.2		498		35.6		48.2		66.9		28.0	
Beryllium	2	0.759		0.700		0.58		0.907		1.30		0.461		1.02		0.768		0.962		2.07	
Cadmium	39	ND		ND		2.25		0.124		ND		ND		ND		5.63		ND		ND	
Calcium	NLE	1500		2460		3850		894		706		8150		431		4960		2150		1480	
Chromium	NLE	62.0		61.5		107		69.1		119		90.7		99.2		92.2		80.8		194	
Cobalt	NLE	4.93		3.56		4.81		3.02		2.48		5.68		1.42		6.07		2.40		1.76	
Copper	600	12.6		16.1		91.7		16.6		72.5		145		18.0		69.9		10.6		7.53	
Iron	NLE	25600		23200		37700		30600		40600		69200		29200		80500		18000		61600	
Lead	400	666		352		199		37.1		117		222		20.3		243		25.1		29.2	
Magnesium	NLE	2090		2330		1460		2120		3600		1640		2840		2810		2110		7490	
Manganese	NLE	178		165		210		99.7		41.8		324		27.8		340		55.5		47.8	
Mercury	14	0.425		0.377		1.572		0.273		0.661		0.500		0.089		0.314		0.095		0.162	
Nickel	250	11.3		9.06		56.7		11.0		10.9		27.0		7.08		22.0		8.05		8.48	
Potassium	NLE	3680		4030		2690		4670		8060		3290		6890		5610		3330		17900	
Selenium	63	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Silver	110	ND		ND		2.93		ND		ND		5.80		ND		ND		ND		ND	
Sodium	NLE	132		126		145		108		208		259		122		132		129		156	
Thallium	2	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Vanadium	370	47.7		40.9		27.1		62.8		61.8		29.4		44.7		52.8		48.5		85.7	
Zinc	1500	544		380		2820		108		116		375		70.7		1710		82.5		82.5	

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

Table 4-1
Soil Sampling Results
M-8 Landfill Site
November 1998 - June 1999
Fort Monmouth, New Jersey

Lab Sample ID	NJDEP	4382.08	4382.09	4382.10	4382.11	4382.12	4382.13	4382.14	4382.15	4382.16	4382.17	4382.18	4382.19	4382.20	4382.21	4382.22	4382.23	4382.24	4382.25	4382.28	4382.29
Field Sample Location	Cleanup	B70 (6-12")	B70 (24")	B71 (6-12")	B71 (24")	B72 (6-12")	B72 (24")	B73 (6-12")	B73 (24")	B74 (6-12")	B74 (24")	B75 (6-12")	B75 (24")	B76 (6-12")	B76 (24")	B77 (6-12")	B77 (24")	B78 (6-12")	B78 (24")	B79 (6-12")	B79 (24")
Sample Date	Criteria (mg/kg)	3/30/1999	3/30/1999	3/30/1999	3/30/1999	3/30/1999	3/30/1999	3/30/1999	3/30/1999	3/30/1999	3/30/1999	3/30/1999	3/30/1999	3/30/1999	3/30/1999	3/30/1999	3/30/1999	3/30/1999	3/30/1999	3/30/1999	3/30/1999
Volatiles (mg/kg)																					
Methyl-tert-Butyl ether	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Acetone	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Carbon Disulfide	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Methylene Chloride	49		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
2-Butonone	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Benzene	3		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
2-Chloroethyl vinyl ether	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Toluene	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Chlorobenzene	37		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Tetrachloroethene	4		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Ethylbenzene	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
m+p-Xylenes	410		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Semi-Volatiles (mg/kg)																					
Aniline	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
1,4-Dichlorobenzene	570	ND		ND		ND		0.23 J		ND		ND		ND		ND		0.4 J		ND	
Benzyl Alcohol	10000	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4-Methylphenol	2800	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Nitrobenzene	28	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2,4-Dimethylphenol	1100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzoic Acid	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Naphthalene	230	ND		ND		ND		ND		ND		ND		ND		ND		0.3 J		ND	
4-Chloroaniline	230	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2-Methylnaphthalene	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthylene	NLE	ND		ND		0.18 J		ND		0.49 J		ND		ND		ND		ND		0.14 J	
Acenaphthene	3400	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Dibenzofuran	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Diethylphthalate	10000	ND		ND		ND		ND		ND		ND		ND		ND		0.23 J		ND	
Fluorene	2300	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Azobenzene	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Hexachlorobenzene	0.66	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Phenanthrene	NLE	0.24 J		0.15 J		0.58 J		ND		1.3		ND		ND		0.14 J		0.29 J		0.15 J	
Anthracene	10000	ND		ND		0.25 J		ND		0.51 J		ND		ND		ND		ND		ND	
Di-n-butylphthalate	5700	0.44 J		0.52 J		0.53 J		0.74 J		0.23 J		0.13 J		0.22 J		0.16 J		0.92 J		0.45 J	
Fluoranthene	2300	0.51 J		0.76 J		1.4		ND		2.4		ND		0.2 J		0.18 J		0.4 J		0.38 J	
Benzidine	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Pyrene	1700	0.45 J		0.7 J		1.3		ND		2.4		ND		0.19 J		0.19 J		0.55 J		0.45 J	
Butylbenzylphthalate	1100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzo[a]anthracene	0.9	0.26 J		0.5 J		0.78 J		ND		1.3		ND		ND		ND		0.16 J		0.26 J	
3,3'-Dichlorobenzidine	2	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Chrysene	9	0.64 J		0.81 J		1.4		ND		2.3		ND		0.2 J		0.2 J		0.47 J		0.48 J	
bis(2-Ethylhexyl)phthalate	49	0.19 J		0.33 J		0.92 J		0.28 J		0.35 J		ND		0.18 J		0.27 J		5.0		ND	
Di-n-octylphthalate	1100	ND		ND		0.26 J		ND		ND		ND		ND		ND		ND		ND	
Benzo[b]fluoranthene	0.9	0.4 J		0.67 J		0.88 J		ND		1.5		ND		0.13 J		ND		ND		0.29 J	
Benzo[k]fluoranthene	0.9	0.34 J		0.49 J		0.89 J		ND		1.4		ND		ND		ND		ND		0.28 J	
Benzo[a]pyrene	0.66	0.29 J		0.48 J		0.89 J		ND		1.5		ND		ND		ND		ND		0.33 J	
Indeno[1,2,3-cd]pyrene	0.9	0.24 J		0.2 J		0.45 J		ND		0.75 J		ND		ND		ND		ND		ND	
Dibenz[a,h]anthracene	0.66	ND		ND		ND		ND		0.29 J		ND		ND		ND		ND		ND	
Benzo[g,h,i]perylene	NLE	0.25 J		0.18 J		0.43 J		ND		0.7 J		ND		ND		ND		ND		ND	
Pesticides/PCBs (mg/kg)																					
gamma-BHC	0.52	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Heptachlor	0.15	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Heptachlor Epoxide	100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDE	2	0.04		0.01		0.045		0.023		0.2		0.02		0.198		0.208		0.122		0.025	
Dieldrin	0.042	ND		ND		ND		ND		0.12		ND		0.121		0.128		ND		0.015	
Endrin	17	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDD	3	0.058		ND		0.174		0.042		2.173		0.025		1.108		0.973		0.099		0.037	
4,4'-DDT	2	0.029		0.048		ND		ND		0.121		ND		0.846		0.344		0.08		0.039	
gamma-Chlordane	NLE	0.011		ND		0.022		ND		0.209		ND		0.065		0.045		0.043		0.02	
alpha-Chlordane	NLE	ND		ND		0.018		ND		0.204		ND		0.042		0.034		0.034		0.016	
Arochlor 1016	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1242	0.49	ND		ND		ND		ND		ND		ND		ND		ND		21.554		ND	
Arochlor 1260	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Metals (mg/kg)																					
Aluminum	NLE	18100		6300		10700		18500		12000		9690		15000		13600		9350		9400	
Antimony	14	ND		0.53		6.95		ND		1.11		ND		9.21		5.47		1.52		ND	
Arsenic	20	15.7		5.61		7.99		18.6		10.2		11.2		10.5		9.73		11.0		8.14	
Barium	700	46.9		20.4		85.3		94.3		304		60.6		66.9		117		86.4		50.2	
Beryllium	2	1.61		0.45		0.87		2.05		0.992		1.16		1.70		1.29		0.764		0.952	
Cadmium	39	ND		ND		0.751		ND		1.67		ND		0.152		ND		0.27		ND	
Calcium	NLE	1760		5240		49400		4170		7270		765		1990		1020		2000		1200	
Chromium	NLE	196		48.4		76.0		254		89.7		110		103		101		74.9		88.8	
Cobalt	NLE	2.73		2.18		2.96		0.695		5.47		1.72		3.21		1.97		4.69		2.34	
Copper	600	36.6		23.5		23.4		28.2		115		3.76		15.0		13.4		58.5		13.1	
Iron	NLE	50000		26100		27300		68200		36000		31000		36600		33200		47100		26000	
Lead	400	69.2		46.1		353		47.5		137		8.35		549		255		145		44.3	
Magnesium	NLE	7990		3750		3550		7730		4220		3260		4450		3830		2500		3050	
Manganese	NLE	60.6		113		495		104		102		62.5		48.7		31.2		663		57.7	
Mercury	14	0.185		0.15		0.378		0.312		1.963		0.228		0.147		0.108		11.096		0.949	
Nickel	250	11.6		8.26		11.7		6.96		29.1		6.82		16.6		9.07		27.8		12.6	
Potassium	NLE	14000		3140		5420		17600		5980		7430		8070		8300		4650		6610	
Selenium	63	1.08		ND		ND		4.02		ND		0.732		ND		ND		0.965		0.906	
Silver	110	1.36		ND		ND		ND		35.6		ND		ND		ND		2.58		1.74	
Sodium	NLE	363		199		154		170		425		93.0		123		131		193		145	
Thallium	2	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Vanadium	370	81.8		31.2		60		91.2		87.1		49.7		62		57.6		71.7		65.0	
Zinc	1500	122		66.6		362		82.5		553		35.2		383		114		663		77.3	

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-8 Landfill Site
November 1998 - June 1999
Fort Monmouth, New Jersey

Lab Sample ID	NJDEP	4382.30	4382.31	4382.32	4382.33	4382.34	4382.35	4382.38	4382.39	4382.40	4382.41	4382.42	4382.43	4382.44	4382.45	4382.46	4382.47	4382.48	4382.49	4389.02	4389.03
Field Sample Location	Cleanup	B80 (6-12")	B80 (24")	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")	B89 (6-12")	B89 (24")
Sample Date	Criteria (mg/kg)	3/30/1999	3/30/1999	3/30/1999	3/30/1999	3/30/1999	3/30/1999	3/30/1999	3/30/1999	3/30/1999	3/30/1999	3/30/1999	3/30/1999	3/30/1999	3/30/1999	3/30/1999	3/30/1999	3/30/1999	3/30/1999	4/1/1999	4/1/1999
Volatiles (mg/kg)																					
Methyl-tert-Butyl ether	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Acetone	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Carbon Disulfide	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Methylene Chloride	49		ND		ND		ND		ND		ND		ND		ND		ND		ND		0.47 J
2-Butonone	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Benzene	3		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
2-Chloroethyl vinyl ether	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Toluene	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Chlorobenzene	37		ND		1.4		ND		ND		ND		ND		ND		ND		ND		ND
Tetrachloroethene	4		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Ethylbenzene	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
m+p-Xylenes	410		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Semi-Volatiles (mg/kg)																					
Aniline	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
1,4-Dichlorobenzene	570	ND		ND		ND		ND		ND		ND		0.41 J		ND		ND		ND	
Benzyl Alcohol	10000	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4-Methylphenol	2800	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Nitrobenzene	28	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2,4-Dimethylphenol	1100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzoic Acid	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Naphthalene	230	ND		ND		ND		ND		ND		ND		0.21 J		ND		ND		ND	
4-Chloroaniline	230	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2-Methylnaphthalene	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthylene	NLE	0.39 J		0.50 J		ND		ND		ND		ND		ND		ND		1.7 J		ND	
Acenaphthene	3400	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Dibenzofuran	NLE	0.17 J		ND		ND		ND		ND		ND		ND		ND		1.4 J		ND	
Diethylphthalate	10000	ND		ND		ND		0.14 J		0.16 J		0.18 J		ND		0.40 J		ND		ND	
Fluorene	2300	0.48 J		ND		ND		ND		ND		ND		ND		ND		3.9 J		ND	
Azobenzene	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Hexachlorobenzene	0.66	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Phenanthrene	NLE	3.6		0.40 J		ND		ND		0.20 J		0.21 J		0.38 J		0.63 J		26		ND	
Anthracene	10000	1.6		0.24 J		ND		ND		ND		ND		ND		ND		8.6 J		ND	
Di-n-butylphthalate	5700	0.32 J		0.42 J		ND		0.22 J		0.16 J		0.69 J		0.15 J		1.1 J		ND		1.0 J	
Fluoranthene	2300	8.9		0.74 J		ND		0.19 J		0.44 J		0.45 J		0.61 J		ND		39		ND	
Benzidine	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Pyrene	1700	8		1.2 J		ND		0.16 J		0.43 J		0.42 J		0.52 J		ND		31		0.15 J	
Butylbenzylphthalate	1100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzo[a]anthracene	0.9	5.2		0.40 J		ND		ND		0.27 J		0.25 J		0.25 J		ND		19		ND	
3,3'-Dichlorobenzidine	2	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Chrysene	9	7.2		1.1 J		ND		0.20 J		0.5 J		0.45 J		0.45 J		ND		28		0.17 J	
bis(2-Ethylhexyl)phthalate	49	ND		0.21 J		ND		ND		ND		ND		0.58 J		9.3		ND		ND	
Di-n-octylphthalate	1100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzo[b]fluoranthene	0.9	6.0		0.70 J		ND		ND		0.23 J		0.22 J		0.24 J		ND		15		ND	
Benzo[k]fluoranthene	0.9	4.7		0.54 J		ND		ND		0.29 J		0.26 J		0.23 J		ND		15		ND	
Benzo[a]pyrene	0.66	4.8		0.89 J		ND		ND		0.27 J		0.27 J		0.25 J		ND		17		ND	
Indeno[1,2,3-cd]pyrene	0.9	2.0		ND		ND		ND		0.21 J		0.18 J		ND		ND		9.2 J		ND	
Dibenz[a,h]anthracene	0.66	1.0 J		ND		ND		ND		ND		ND		ND		ND		4.5 J		ND	
Benzo[g,h,I]perylene	NLE	1.7		ND		ND		ND		0.23 J		0.2 J		ND		ND		9.2 J		ND	
Pesticides/PCBs (mg/kg)																					
gamma-BHC	0.52	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Heptachlor	0.15	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Heptachlor Epoxide	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDE	2	0.075		0.071		0.009		0.016		0.056		0.058		0.051		ND		0.069		0.29	
Dieldrin	0.042	ND		ND		ND		ND		ND		ND		0.017		ND		ND		0.085	
Endrin	17	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDD	3	0.102		0.306		0.012		0.021		0.09		0.069		0.096		ND		0.199		0.594	
4,4'-DDT	2	0.045		0.058		0.026		0.037		0.057		ND		0.029		ND		0.038		1.811	
gamma-Chlordane	NLE	0.031		0.016		ND		ND		0.018		0.02		0.012		ND		0.082		0.045	
alpha-Chlordane	NLE	0.019		0.018		ND		ND		0.014		0.012		ND		ND		0.055		0.038	
Arochlor 1016	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1242	0.49	ND		ND		ND		ND		ND		ND		ND		12.604		ND		ND	
Arochlor 1260	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Metals (mg/kg)																					
Aluminum	NLE	6640		13000		5160		21600		9310		6870		7390		13400		5840		10600	
Antimony	14	ND		4.89		0.553		ND		0.461		88.4		122		3.00		ND		6.90	
Arsenic	20	7.27		11.7		1.43		16.2		8.42		97.8		130		10.4		9.29		9.65	
Barium	700	16.3		65.0		36.3		58.1		38.1		447		569		162		29.4		40.7	
Beryllium	2	0.62		0.993		0.287		2.65		0.981		20.0		25.7		0.491		0.612		1.11	
Cadmium	39	ND		0.42		ND		ND		ND		9.24		12.7		1.25		0.241		ND	
Calcium	NLE	1790		2350		2420		1510		515		2200		1280		3190		1580		2440	
Chromium	NLE	68.4		106		20.9		325		92.2		104		141		69.6		48.4		85.1	
Cobalt	NLE	1.10		2.79		2.88		1.05		1.22		94.4		130		6.10		2.28		3.06	
Copper	600	9.16		20.6		18.6		13.2		8.40		136		162		1030		24.9		14.5	
Iron	NLE	18700		38700		10700		72400		26300		23600		22400		40200		22200		31600	
Lead	400	18.8		235		62.9		25.0		39.8		314		158		300		68.5		298	
Magnesium	NLE	2530		3520		1160		10700		2960		1760		2080		1630		2000		3470	
Manganese	NLE	24.4		70.2		46.5		21.7		27.7		172		171		204		218		89.7	
Mercury	14	0.112		0.495		0.070		0.062		0.097		0.348		0.182		3.361		2.213		0.154	
Nickel	250	3.86		11.7		10.5		6.70		6.52		103		138		43.1		8.43		12.3	
Potassium	NLE	5120		7950		1370		26400		7010		3960		4810		1780		3650		6620	
Selenium	63	ND		ND		ND		ND		ND		87.7		119		ND		ND		ND	
Silver	110	ND		1.73		ND		ND		ND		15.3		19.8		5.60		ND		ND	
Sodium	NLE	108		223		236		107		108		89.6		200		241		177		133	
Thallium	2	ND		ND		ND		ND		ND		86.9		119		ND		ND		ND	
Vanadium	370	40.5		59.8		16.4		105		44.4		128		157		42.6		29.4		47.9	
Zinc	1500	37.2		146		63.9		85.7		54.0		311		330		851		358		302	

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-8 Landfill Site
November 1998 - June 1999
Fort Monmouth, New Jersey

Lab Sample ID	NJDEP	4389.04		4389.05		4389.06		4389.07		4389.08		4389.09		4389.10		4389.11		4389.12		4389.13		4389.14		4389.15		4389.16		4389.17		4389.18		4389.19		4389.20		4389.21		4389.22		4389.23
Field Sample Location	Cleanup	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")		B97 (6-12")		B97 (24")		B98 (6-12")		B98 (24")		B99 (6-12")		B99 (24")
Sample Date	Criteria (mg/kg)	4/1/1999		4/1/1999		4/1/1999		4/1/1999		4/1/1999		4/1/1999		4/1/1999		4/1/1999		4/1/1999		4/1/1999		4/1/1999		4/1/1999		4/1/1999		4/1/1999		4/1/1999		4/1/1999		4/1/1999		4/1/1999		4/1/1999
Volatiles (mg/kg)																																						
Methyl-tert-Butyl ether	NLE			ND				ND				ND				ND				ND				ND				ND				ND				ND		ND
Acetone	1000			ND				ND				ND				ND				ND				ND				ND				ND				ND		ND
Carbon Disulfide	NLE			ND				ND				ND				ND				ND				ND				ND				ND				ND		ND
Methylene Chloride	49			ND				ND				ND				ND				ND				ND				ND				ND				ND		ND
2-Butonone	1000			ND				ND				ND				ND				ND				ND				ND				ND				ND		ND
Benzene	3			ND				ND				ND				ND				ND				ND				ND				ND				ND		ND
2-Chloroethyl vinyl ether	NLE			ND				ND				ND				ND				ND				ND				ND				ND				ND		ND
Toluene	1000			ND				ND				ND				ND				ND				ND				ND				ND				ND		ND
Chlorobenzene	37			ND				ND				ND				ND				ND				ND				ND				ND				ND		ND
Tetrachloroethene	4			ND				ND				ND				ND				ND				ND				ND				ND				ND		ND
Ethylbenzene	1000			ND				ND				ND				ND				ND				ND				ND				ND				ND		ND
m+p-Xylenes	410			ND				ND				ND				ND				ND				ND				ND				ND				ND		ND
Semi-Volatiles (mg/kg)																																						
Aniline	NLE	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND		
1,4-Dichlorobenzene	570	ND				3.2 J				ND				ND				0.27 J				ND				ND				ND				ND				ND		
Benzyl Alcohol	10000	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND		
4-Methylphenol	2800	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND		
Nitrobenzene	28	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND		
2,4-Dimethylphenol	1100	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND		
Benzoic Acid	NLE	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND		
Naphthalene	230	ND				3.3 J				ND				ND				ND				ND				ND				0.17 J				ND				ND		
4-Chloroaniline	230	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND		
2-Methylnaphthalene	NLE	ND				1.6 J				ND				ND				ND				ND				ND				ND				ND				ND		
Acenaphthylene	NLE	ND				ND				7.9 J				0.84 J				0.29 J				ND				0.31 J				0.42 J				ND				ND		
Acenaphthene	3400	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND		
Dibenzofuran	NLE	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND		
Diethylphthalate	10000	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND		
Fluorene	2300	ND				ND				ND				ND				0.19 J				ND				ND				0.29 J				ND				ND		
Azobenzene	NLE	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND		
Hexachlorobenzene	0.66	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND		
Phenanthrene	NLE	ND				1.0 J				9.9 J				0.77 J				0.83 J				ND				0.38 J				1.7				0.20 J				ND		
Anthracene	10000	ND				ND				4.7 J				0.60 J				0.41 J				ND				0.17 J				0.46 J				ND				ND		
Di-n-butylphthalate	5700	0.36 J				1.4 J				ND				0.68 J				0.41 J				0.86 J				0.59 J				1.2 J				1.5				0.39 J		
Fluoranthene	2300	0.18 J				1.1 J				16				5.2				1.8				ND				0.66 J				1.9				0.41 J				0.24 J		
Benzidine	NLE	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND		
Pyrene	1700	0.19 J				1.6 J				20				8.2				2.3				ND				0.84 J				2.0				0.50 J				0.25 J		
Butylbenzylphthalate	1100	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND		
Benzo[a]anthracene	0.9	ND				1.3 J				13 J				3.2				1.0 J				ND				0.53 J				1.1 J				0.26 J				ND		
3,3'-Dichlorobenzidine	2	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND		
Chrysene	9	0.20 J				1.6 J				22				6.2				1.9				ND				1.7				1.9				0.49 J				0.23 J		
bis(2-Ethylhexyl)phthalate	49	0.32 J				2.0 J				ND				ND				0.34 J				ND				ND				0.58 J				0.25 J				ND		
Di-n-octylphthalate	1100	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND		
Benzo[b]fluoranthene	0.9	0.15 J				ND				11 J				7.3				1.2 J				ND				0.94 J				0.81 J				0.31 J				ND		
Benzo[k]fluoranthene	0.9	0.14 J				ND				11 J				5.0				0.97 J				ND				0.72 J				0.96 J				0.29 J				ND		
Benzo[a]pyrene	0.66	ND				ND				15				7.9				0.99 J				ND				0.78 J				1.1 J				0.28 J				ND		
Indeno[1,2,3-cd]pyrene	0.9	ND				ND				7.8 J				2.4				0.38 J				ND				0.42 J				0.51 J				ND				ND		
Dibenz[a,h]anthracene	0.66	ND				ND				3.1 J				1.2				ND				ND				0.24 J				0.21 J				ND				ND		
Benzo[g,h,I]perylene	NLE	ND				ND				8.5 J				2.0				ND				ND				0.44 J				0.52 J				ND				ND		
Pesticides/PCBs (mg/kg)																																						
gamma-BHC	0.52	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND		
Heptachlor	0.15	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND		
Heptachlor Epoxide	NLE	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND		
4,4'-DDE	2	0.023				ND				0.093				0.037				0.109				0.016				0.018				0.031				0.122				ND		
Dieldrin	0.042	ND				ND				ND				ND				0.017				ND				ND				ND				0.016				ND		
Endrin	17	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND		
4,4'-DDD	3	0.03				0.032				0.499				0.052				0.943				0.027				0.028				0.06				0.172				ND		
4,4'-DDT	2	0.027				ND				0.159				ND				0.03				ND				ND				ND				0.081				ND		
gamma-Chlordane	NLE	0.019				ND				0.039				ND				0.054				ND				ND				0.015				0.031				ND		
alpha-Chlordane	NLE	0.015				ND				0.032				ND				0.033				ND				ND				0.014				0.028				ND		
Arochlor 1016	0.49	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND		
Arochlor 1242	0.49	ND				50.742				ND				ND				ND				ND				ND				ND				ND				ND		
Arochlor 1260	0.49	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND		
Metals (mg/kg)																																						
Aluminum	NLE	8310				8260				19600				7630				17200				8990				11300				8190				10600				8450		
Antimony	14	0.712				1.62				1.60				ND				0.482				ND				ND				0.539				ND				152		
Arsenic	20	7.38				2.84				17.7				8.52				10.3				7.47				11.2				9.81				7.72				12.6		
Barium	700	35.7				303				88.8				51.2				86.1				23.1				67.4				47.2				37.4				42.4		
Beryllium	2	0.803				ND				1.87				1.09				1.84				0.981				1.41				0.947				1.01				0.824		
Cadmium	39	ND				8.99				ND				ND				ND				ND				ND				ND				ND				ND		
Calcium	NLE	2470				4300				2350				2130				2740				373				2490				1590				3170				2390		
Chromium	NLE	73.2				31.4				162				104				168				101				137				83.0				70.2				71.6		
Cobalt	NLE	2.74				1.64				4.49				1.37				3.64				0.984				2.14				2.09				4.85				4.73		
Copper	600	16.9				321				38.6				10.0				10.3				3.52				12.5				23.5				18.8				17.5		
Iron	NLE	24400				14200				51100				27100				36200				26600				34300				30000				29000				47000		
Lead	400	94.4				118				118				30.9				49.2				9.51				26.6				50.3				70.9				298		
Magnesium	NLE	2930				486				5650				3240				5390				3210				4400				2550				3510				2390		
Manganese	NLE	72.1				87.6				82.5				38.2				51.8				22.5				53.4				112				114				168		
Mercury	14	0.109				21.9				0.801				0.111				0.246				ND				0.183				0.508				0.175				0.177		
Nickel	250	10.2				7.60				20.2				7.48				13.3				4.05				9.60				8.47				13.4				21.4		
Potassium	NLE	4980				820				11200				7430				11800				7510				9320				5790				4290				4530		
Selenium	63	ND				ND				ND				ND				0.73				ND				ND				ND				ND				ND		
Silver	110	ND				8.37				2.22				ND				2.38				ND				2.03				2.43				ND				ND		
Sodium	NLE	126				266				772				100				117				107				158				131				186				123		
Thallium	2	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND		
Vanadium	370	46.8				13.1				98.8				43.4				74.7				46.7				64.4				48.2				61.2				75.1		
Zinc	1500	99.4				9550				159				71.9				180				39.3				143				204				116				622		

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-8 Landfill Site
November 1998 - June 1999
Fort Monmouth, New Jersey

Lab Sample ID	NJDEP	4389.24		4389.25		4389.26		4389.27		4389.28		4389.29		4389.30		4389.31		4394.02		4394.03		4394.04		4394.05		4394.06		4394.07		4394.08		4394.09		4394.10		4394.11		4394.12		4394.13	
Field Sample Location	Cleanup	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")		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")	
Sample Date	Criteria (mg/kg)	4/1/1999		4/1/1999		4/1/1999		4/1/1999		4/1/1999		4/1/1999		4/1/1999		4/1/1999		4/5/1999		4/5/1999		4/5/1999		4/5/1999		4/5/1999		4/5/1999		4/5/1999		4/5/1999		4/5/1999		4/5/1999		4/5/1999	
Volatiles (mg/kg)																																							
Methyl-tert-Butyl ether	NLE			ND				ND				ND				ND				ND				ND						ND				ND				ND	
Acetone	1000			ND				ND				ND				ND				ND				ND						ND				ND				ND	
Carbon Disulfide	NLE			ND				ND				ND				ND				ND				ND						ND				ND				ND	
Methylene Chloride	49			ND				ND				ND				ND				ND				ND						ND				ND				ND	
2-Butonone	1000			ND				ND				ND				ND				ND				ND						ND				ND				ND	
Benzene	3			ND				ND				ND				ND				ND				ND						ND				ND				ND	
2-Chloroethyl vinyl ether	NLE			ND				ND				ND				ND				ND				ND						ND				ND				ND	
Toluene	1000			ND				ND				ND				ND				ND				ND						ND				ND				ND	
Chlorobenzene	37			ND				ND				ND				ND				ND				ND						ND				ND				ND	
Tetrachloroethene	4			ND				ND				ND				ND				ND				ND						ND				ND				ND	
Ethylbenzene	1000			ND				ND				ND				ND				ND				ND						ND				ND				ND	
m+p-Xylenes	410			ND				ND				ND				ND				ND				ND						ND				ND				ND	
Semi-Volatiles (mg/kg)																																							
Aniline	NLE	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
1,4-Dichlorobenzene	570	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
Benzyl Alcohol	10000	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
4-Methylphenol	2800	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
Nitrobenzene	28	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
2,4-Dimethylphenol	1100	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
Benzoic Acid	NLE	ND				ND				ND				ND				ND				ND				ND				0.95 J				ND				ND			
Naphthalene	230	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
4-Chloroaniline	230	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
2-Methylnaphthalene	NLE	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
Acenaphthylene	NLE	0.11 J				ND				ND				0.74 J				ND				ND				ND				ND				ND				ND			
Acenaphthene	3400	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
Dibenzofuran	NLE	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
Diethylphthalate	10000	ND				ND				ND				ND				ND				ND				0.14 J				ND				ND				0.29 J			
Fluorene	2300	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
Azobenzene	NLE	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
Hexachlorobenzene	0.66	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
Phenanthrene	NLE	0.34 J				0.15 J				ND				0.27 J				ND				ND				0.15 J				ND				0.4 J				0.41 J			
Anthracene	10000	0.14 J				ND				ND				0.19 J				ND				ND				ND				ND				ND				ND			
Di-n-butylphthalate	5700	0.35 J				0.66 J				0.60 J				1.3 J				ND				ND				21				0.90 J				0.30 J				0.24 J			
Fluoranthene	2300	0.69 J				0.36 J				0.15 J				0.39 J				ND				ND				0.33 J				ND				0.59 J				0.65 J			
Benzidine	NLE	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
Pyrene	1700	0.71 J				0.35 J				0.18 J				0.99 J				ND				ND				0.31 J				ND				0.55 J				0.55 J			
Butylbenzylphthalate	1100	ND				ND				0.12 J				ND				ND				ND				ND				ND				ND				ND			
Benzo[a]anthracene	0.9	0.37 J				0.20 J				ND				0.38 J				ND				ND				0.17 J				ND				0.28 J				0.32 J			
3,3'-Dichlorobenzidine	2	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
Chrysene	9	0.67 J				0.33 J				0.19 J				0.80 J				ND				ND				0.32 J				0.13 J				0.56 J				0.6 J			
bis(2-Ethylhexyl)phthalate	49	0.26 J				ND				0.16 J				ND				ND				ND				0.14 J				ND				0.21 J				0.15 J			
Di-n-octylphthalate	1100	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
Benzo[b]fluoranthene	0.9	0.45 J				0.19 J				ND				0.44 J				ND				ND				0.19 J				ND				0.29 J				0.32 J			
Benzo[k]fluoranthene	0.9	0.43 J				0.21 J				ND				0.44 J				ND				ND				0.17 J				ND				0.28 J				0.29 J			
Benzo[a]pyrene	0.66	0.41 J				0.21 J				0.12 J				0.76 J				ND				ND				0.2 J				ND				0.30 J				0.33 J			
Indeno[1,2,3-cd]pyrene	0.9	ND				ND				ND				0.28 J				ND				ND				0.14 J				ND				0.18 J				0.22 J			
Dibenz[a,h]anthracene	0.66	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
Benzo[g,h,I]perylene	NLE	ND				0.12 J				ND				0.40J				ND				ND				0.15 J				ND				0.19 J				0.24 J			
Pesticides/PCBs (mg/kg)																																								
gamma-BHC	0.52	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
Heptachlor	0.15	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
Heptachlor Epoxide	NLE	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
4,4'-DDE	2	0.025				0.029				0.012				0.107				0.013				0.074				0.129				ND				0.171				0.04			
Dieldrin	0.042	ND				ND				0.026				0.019				ND				0.02				0.014				ND				ND				ND			
Endrin	17	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
4,4'-DDD	3	0.049				0.024				ND				0.118				ND				0.054				0.071				ND				0.156				0.046			
4,4'-DDT	2	0.024				ND				ND				0.131				0.066				0.191				0.169				0.029				0.244				0.078			
gamma-Chlordane	NLE	ND				ND				ND				0.019				ND				0.04				0.024				0.013				0.026				0.027			
alpha-Chlordane	NLE	ND				ND				ND				0.016				ND				0.035				0.021				ND				0.025				0.021			
Arochlor 1016	0.49	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
Arochlor 1242	0.49	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
Arochlor 1260	0.49	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
Metals (mg/kg)																																							
Aluminum	NLE	9740				11300				8510				9250				15800				18500				12500				11700				11300				7480			
Antimony	14	0.975				ND				ND				3.13				16.4				ND				ND				2.37				ND				ND			
Arsenic	20	7.94				10.9				8.28				12.7				11.4				15.4				7.56				10.4				7.67				4.87			
Barium	700	43.7				34.2				30.3				57.1				135				123				79.7				48.7				59.6				35.1			
Beryllium	2	1.24				0.932				0.961				0.89				0.971				1.70				0.855				0.807				0.896				0.569			
Cadmium	39	ND				ND				ND				0.309				0.589				ND				0.316				0.761				ND				ND			
Calcium	NLE	876				1700				1380				5510				17200				1560				1650				1940				1860				2660			
Chromium	NLE	92.7				82.7				94.3				88.4				99.4				208				81.1				92.3				80.7				115			
Cobalt	NLE	2.61				3.24				1.69				2.98				6.85				1.96				2.31				2.25				2.47				2.45			
Copper	600	11.8				11.2				4.88				31.1				88.3				33.5				15.1				35.4				34.4				15.2			
Iron	NLE	25800				36200				25300				27400				29000				52200				22900				26000				22700				17600			
Lead	400	79.7				129				17.9				637				1010				146				65.7				158				58.2				293			
Magnesium	NLE	3000				1520				3000				2910				3420				6690				2300				2950				2490				1920			
Manganese	NLE	41.2				127				30.6				86.7				141				40.4				73.1				74.6				49.9				63.9			
Mercury	14	0.105				0.154				0.058				0.362				0.826				0.259				0.195				0.098				0.145				0.103			
Nickel	250	9.37				12.3				7.53				14.0				13.1				8.59				10.1				8.26				8.22				6.19			
Potassium	NLE	6500				3380				6790				5560				8110				18400				5470				6010				4950				3730			
Selenium	63	ND				ND				ND				ND				1.09				1.10				ND				ND				ND				ND			
Silver	110	ND				ND				ND				1.16				27.0				6.50				4.54				1.19				5.28				1.58			
Sodium	NLE	116				150				220				145				7940				3170				1570				932				1020				602			
Thallium	2	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
Vanadium	370	53.1				105				41.3				77.1				62.0				96.0				49.0				57.2				45.2				34.4			
Zinc	1500	110				281				55.9				424				1010				133				108				166				56.1				51.5			

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

Table 4-1
Soil Sampling Results
M-8 Landfill Site
November 1998 - June 1999
Fort Monmouth, New Jersey

Lab Sample ID	NJDEP	4394.14		4394.15		4394.16		4394.17		4394.18		4394.19		4394.20		4394.21		4394.22		4394.23		4394.26		4394.27		4394.28		4394.29		4394.30		4394.31		4394.32		4394.33		4394.34		4394.35	
Field Sample Location	Cleanup	B110 (6-12")		B110 (24")		B111 (6-12")		B111 (24")		B112 (6-12")		B112 (24")		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	Criteria (mg/kg)	4/5/1999		4/5/1999		4/5/1999		4/5/1999		4/5/1999		4/5/1999		4/5/1999		4/5/1999		4/5/1999		4/5/1999		4/5/1999		4/5/1999		4/5/1999		4/5/1999		4/5/1999		4/5/1999		4/5/1999		4/5/1999		4/5/1999	
Volatiles (mg/kg)																																							
Methyl-tert-Butyl ether	NLE			ND				ND				ND				ND				ND				ND				ND				ND				ND			
Acetone	1000			ND				ND				ND				ND				ND				ND				ND				ND				ND			
Carbon Disulfide	NLE			ND				ND				ND				ND				ND				ND				ND				ND				ND			
Methylene Chloride	49			ND				ND				ND				ND				ND				ND				ND				ND				ND			
2-Butonone	1000			ND				ND				ND				ND				ND				ND				ND				ND				ND			
Benzene	3			ND				ND				ND				ND				ND				ND				ND				ND				ND			
2-Chloroethyl vinyl ether	NLE			ND				ND				ND				ND				ND				ND				ND				ND				ND			
Toluene	1000			ND				ND				ND				ND				ND				ND				ND				ND				ND			
Chlorobenzene	37			ND				ND				ND				ND				ND				ND				ND				ND				ND			
Tetrachloroethene	4			ND				1.6				ND				ND				ND				ND				ND				ND				ND			
Ethylbenzene	1000			ND				ND				ND				ND				ND				ND				ND				ND				ND			
m+p-Xylenes	410			ND				ND				ND				ND				ND				ND				ND				ND				ND			
Semi-Volatiles (mg/kg)																																							
Aniline	NLE	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
1,4-Dichlorobenzene	570	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
Benzyl Alcohol	10000	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
4-Methylphenol	2800	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
Nitrobenzene	28	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
2,4-Dimethylphenol	1100	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
Benzoic Acid	NLE	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
Naphthalene	230	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
4-Chloroaniline	230	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
2-Methylnaphthalene	NLE	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
Acenaphthylene	NLE	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
Acenaphthene	3400	ND				ND				ND				ND				ND				0.42 J				ND				ND				ND				ND			
Dibenzofuran	NLE	ND				ND				ND				ND				ND				0.18 J				ND				ND				ND				ND			
Diethylphthalate	10000	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
Fluorene	2300	ND				ND				ND				ND				ND				0.38 J				ND				ND				ND				ND			
Azobenzene	NLE	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
Hexachlorobenzene	0.66	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
Phenanthrene	NLE	0.61 J				0.18 J				0.21 J				0.21 J				ND				3.9				0.15 J				ND				0.22 J				0.40 J			
Anthracene	10000	0.18 J				ND				ND				ND				ND				1.2 J				ND				ND				ND				0.12 J			
Di-n-butylphthalate	5700	0.22 J				0.61 J				0.31 J				0.28 J				0.66 J				0.94 J				0.41 J				0.49 J				0.68 J				1.4			
Fluoranthene	2300	1.5				0.38 J				0.57 J				0.42 J				0.23 J				5.4				0.28 J				0.24 J				0.39 J				1.0 J			
Benzidine	NLE	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
Pyrene	1700	1.3				0.33 J				0.59 J				0.38 J				0.21 J				3.6				0.24 J				0.43 J				0.39 J				0.92 J			
Butylbenzylphthalate	1100	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
Benzo[a]anthracene	0.9	.76 J				0.17 J				0.27 J				0.19 J				0.12 J				1.6				0.13 J				0.16 J				0.20 J				0.51 J			
3,3'-Dichlorobenzidine	2	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
Chrysene	9	1.3				0.37 J				0.7 J				0.44 J				0.26 J				2.8				0.26 J				0.34 J				0.41 J				0.96 J			
bis(2-Ethylhexyl)phthalate	49	0.19 J				0.12 J				ND				0.18 J				ND				0.5 J				0.14 J				0.29 J				0.17 J				0.67 J			
Di-n-octylphthalate	1100	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
Benzo[b]fluoranthene	0.9	0.88 J				0.25 J				0.38 J				0.26 J				0.14 J				2.1				0.16 J				ND				0.2 J				0.59 J			
Benzo[k]fluoranthene	0.9	0.79 J				0.22 J				0.32 J				0.23 J				0.12 J				1.6				0.12 J				ND				0.21 J				0.55 J			
Benzo[a]pyrene	0.66	0.89 J				0.18 J				0.24 J				0.23 J				0.12 J				1.9				0.14 J				ND				0.23 J				0.52 J			
Indeno[1,2,3-cd]pyrene	0.9	0.42 J				ND				0.16 J				0.19 J				ND				0.78 J				ND				ND				0.15 J				0.24 J			
Dibenz[a,h]anthracene	0.66	ND				ND				ND				ND				ND				0.36 J				ND				ND				ND				ND			
Benzo[g,h,I]perylene	NLE	0.41 J				ND				0.17 J				0.21 J				ND				0.7 J				0.12 J				ND				0.17 J				0.23 J			
Pesticides/PCBs (mg/kg)																																								
gamma-BHC	0.52	ND				ND				ND				ND				ND				ND				ND				0.013				ND				ND			
Heptachlor	0.15	ND				ND				ND				ND				ND				ND				ND				1.267				ND				ND			
Heptachlor Epoxide	NLE	ND				ND				ND				ND				ND				ND				ND				0.482				ND				ND			
4,4'-DDE	2	0.031				0.04				0.379				0.076				0.053				0.069				0.032				0.071				0.197				0.044			
Dieldrin	0.042	0.017				ND				0.034				ND				0.019				0.018				ND				ND				ND				ND			
Endrin	17	ND				ND				ND				ND				ND				ND				ND				0.29				ND				ND			
4,4'-DDD	3	0.089				0.043				0.213				0.089				0.039				0.035				0.015				0.156				0.056				0.080			
4,4'-DDT	2	0.052				0.036				0.12				ND				0.11				0.039				0.048				1.025				0.257				0.181			
gamma-Chlordane	NLE	0.018				ND				0.025				0.016				0.018				ND				ND				7.144				0.021				0.028			
alpha-Chlordane	NLE	ND				ND				0.022				ND				0.014				ND				ND				7.929				0.02				0.018			
Arochlor 1016	0.49	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
Arochlor 1242	0.49	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
Arochlor 1260	0.49	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
Metals (mg/kg)																																							
Aluminum	NLE	9860				15100				8570				13400				11300				9530				13900				14300				6990				11600			
Antimony	14	1.04				ND				0.496				ND				ND				0.865				ND				1.80				ND				1.08			
Arsenic	20	12.3				12.4				8.65				16.0				7.84				12.6				11.3				12.5				9.08				13.9			
Barium	700	67.2				64.4				32.3				61.2				36.0				82.9				51.4				78.1				38.9				50.6			
Beryllium	2	0.591				1.40				0.789				1.45				0.734				0.561				1.26				1.54				0.737				0.948			
Cadmium	39	0.814				ND				0.156				ND				ND				0.584				0.641				1.68				ND				0.255			
Calcium	NLE	3590				1360				810				1210				618				4530				2780				10400				1170				1600			
Chromium	NLE	60.4				157				74.9				172				77.0				114				123				95.7				66.4				115			
Cobalt	NLE	2.83				1.52				2.68				1.73				2.00				6.71				3.39				2.58				1.71				2.13			
Copper	600	24.6				25.6				31.3				21.3				9.57				50.6				20.6				28.7				10.9				70.4			
Iron	NLE	33000				39900				24100				43700				24100				89300				34700				27800				18900				47000			
Lead	400	266				44.1				50.9				47.7				33.9				170				56.6				77.6				43.8				126			
Magnesium	NLE	1980				5270				2180				5620				2370				1790				4020				7320				1860				3650			
Manganese	NLE	86.9				27.4				66.3				33.2				57.3				779				85.6				136				21.6				76.4			
Mercury	14	0.192				0.128				4.776				0.171				0.132				0.361				0.078				0.13				0.13				0.209			
Nickel	250	10.6				6.28				7.24				7.13				5.56				21.3				9.49				9.24				6.05				9.79			
Potassium	NLE	4490				13700				5650				13800				5870				3900				9450				7530				4860				8570			
Selenium	63	0.772				1.20				ND				1.14				ND				0.841				0.943				ND				ND				0.986			
Silver	110	ND				ND				ND				ND				ND				6.58				ND				ND				ND				ND			
Sodium	NLE	647				507				339				581				265				310				311				346				178				297			
Thallium	2	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
Vanadium	370	45.6				71.7				47.9				69.7				54.2				36.9				60.3				50.0				34.9				55.7			
Zinc	1500	185				58.6				71.4				59.2				37.3				449				78.4				146				63.4				356			

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-8 Landfill Site
November 1998 - June 1999
Fort Monmouth, New Jersey

Lab Sample ID	NJDEP	4394.36		4394.37		4394.38		4394.39		4394.40		4394.41		4394.42		4394.43		4394.44		4394.45		4401.02		4401.03		4401.04		4401.05		4401.06		4401.07		4401.08		4401.09		4401.10		4401.11
Field Sample Location	Cleanup	B120 (6-12")		B120 (24")		B121 (6-12")		B121 (24")		B122 (6-12")		B122 (24")		B123 (6-12")		B123 (24")		B124 (6-12")		B124 (24")		B125 (6-12")		B125 (24")		B126 (6-12")		B126 (24")		B127 (6-12")		B127 (24")		B128 (6-12")		B128 (24")		B129 (6-12")		B129 (24")
Sample Date	Criteria (mg/kg)	4/5/1999		4/5/1999		4/5/1999		4/5/1999		4/5/1999		4/5/1999		4/5/1999		4/5/1999		4/5/1999		4/5/1999		4/8/1999		4/8/1999		4/8/1999		4/8/1999		4/8/1999		4/8/1999		4/8/1999		4/8/1999		4/8/1999		4/8/1999
Volatiles (mg/kg)																																						
Methyl-tert-Butyl ether	NLE			ND				ND				ND				ND				ND		ND												ND				ND
Acetone	1000			ND				ND				ND				ND				ND		ND												ND				ND
Carbon Disulfide	NLE			ND				ND				ND				ND				ND		ND												ND				ND
Methylene Chloride	49			ND				ND				ND				ND				ND		ND												ND				ND
2-Butonone	1000			ND				ND				ND				ND				ND		ND												ND				ND
Benzene	3			ND				ND				ND				ND				ND		ND												ND				ND
2-Chloroethyl vinyl ether	NLE			ND				ND				ND				ND				ND		ND												ND				ND
Toluene	1000			ND				ND				ND				ND				ND		ND												ND				ND
Chlorobenzene	37			ND				ND				ND				ND				ND		ND												ND				ND
Tetrachloroethene	4			ND				ND				ND				ND				ND		ND												ND				ND
Ethylbenzene	1000			ND				ND				ND				ND				ND		ND												ND				ND
m+p-Xylenes	410			ND				ND				ND				ND				ND		ND												ND				ND
Semi-Volatiles (mg/kg)																																						
Aniline	NLE	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND	
1,4-Dichlorobenzene	570	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND	
Benzyl Alcohol	10000	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND	
4-Methylphenol	2800	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND	
Nitrobenzene	28	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND	
2,4-Dimethylphenol	1100	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND	
Benzoic Acid	NLE	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND	
Naphthalene	230	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND	
4-Chloroaniline	230	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND	
2-Methylnaphthalene	NLE	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND	
Acenaphthylene	NLE	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND	
Acenaphthene	3400	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND	
Dibenzofuran	NLE	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND	
Diethylphthalate	10000	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND	
Fluorene	2300	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND	
Azobenzene	NLE	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND	
Hexachlorobenzene	0.66	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND	
Phenanthrene	NLE	0.6 J				ND				ND				ND				ND				0.26 J				0.19 J				0.3 J				0.18 J				0.24 J	
Anthracene	10000	0.15 J				ND				ND				ND				ND				ND				ND				ND				ND				ND	
Di-n-butylphthalate	5700	0.49 J				1.1 J				0.62 J				0.55 J				ND				0.62 J				0.36 J				0.72 J				0.13 J				0.48 J	
Fluoranthene	2300	0.84 J				0.15 J				ND				ND				ND				0.52 J				0.39 J				0.62 J				0.32 J				0.56 J	
Benzidine	NLE	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND	
Pyrene	1700	0.88 J				0.17 J				ND				0.18 J				ND				0.47 J				0.35 J				0.49 J				0.33 J				0.48 J	
Butylbenzylphthalate	1100	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND	
Benzo[a]anthracene	0.9	0.45 J				ND				ND				ND				ND				0.27 J				0.19 J				0.28 J				0.16 J				0.25 J	
3,3'-Dichlorobenzidine	2	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND	
Chrysene	9	0.74 J				0.25 J				ND				0.19 J				ND				0.53 J				0.4 J				0.46 J				0.38 J				0.61 J	
bis(2-Ethylhexyl)phthalate	49	0.65 J				0.19 J				0.13 J				ND				ND				ND				ND				ND				0.20 J				0.24 J	
Di-n-octylphthalate	1100	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND	
Benzo[b]fluoranthene	0.9	0.48 J				0.17 J				ND				ND				ND				0.27 J				0.23 J				0.21 J				0.19 J				0.34 J	
Benzo[k]fluoranthene	0.9	0.47 J				0.12 J				ND				ND				ND				0.25 J				0.22 J				0.26 J				0.19 J				0.30 J	
Benzo[a]pyrene	0.66	0.42 J				0.17 J				ND				ND				ND				0.26 J				0.22 J				0.27 J				0.17 J				0.28 J	
Indeno[1,2,3-cd]pyrene	0.9	ND				ND				ND				ND				ND				0.15 J				0.18 J				0.16 J				0.12 J				0.23 J	
Dibenz[a,h]anthracene	0.66	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND	
Benzo[g,h,i]perylene	NLE	ND				ND				ND				ND				ND				0.16 J				190 J				0.18 J				0.14 J				0.24 J	
Pesticides/PCBs (mg/kg)																																						
gamma-BHC	0.52	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND	
Heptachlor	0.15	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND	
Heptachlor Epoxide	NLE	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND	
4,4'-DDE	2	ND				0.03				0.022				0.036				0.027				0.079				0.119				0.042				0.275				0.071	
Dieldrin	0.042	ND				0.012				ND				ND				ND				ND				ND				ND				ND				ND	
Endrin	17	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND	
4,4'-DDD	3	ND				0.026				0.022				0.059				0.02				0.031				0.05				ND				0.184				0.096	
4,4'-DDT	2	ND				ND				0.074				0.075				0.062				0.162				0.194				0.029				0.394				0.040	
gamma-Chlordane	NLE	ND				ND				ND				ND				ND				ND				0.019				ND				0.027				0.031	
alpha-Chlordane	NLE	ND				ND				ND				ND				ND				ND				0.019				ND				0.022				0.016	
Arochlor 1016	0.49	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND	
Arochlor 1242	0.49	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND	
Arochlor 1260	0.49	3.406				ND				ND				ND				0.665				ND				ND				ND				ND				ND	
Metals (mg/kg)																																						
Aluminum	NLE	6710				11600				13300				15000				10100				12200				8630				8800				7380				11900	
Antimony	14	0.821				ND				ND				ND				3.26				ND				ND				ND				ND				ND	
Arsenic	20	7.83				9.84				7.08				8.79				8.04				9.27				7.91				6.24				7.68				12.6	
Barium	700	11.2				56.2				55.0				77.2				51.4				40.3				27.2				13.7				47.2				53.0	
Beryllium	2	0.529				1.08				1.34				1.23				0.62				0.969				0.78				0.482				0.724				1.21	
Cadmium	39	0.935				ND				ND				ND				1.67				0.155				ND				ND				ND				ND	
Calcium	NLE	1530				2810				2380				2930				5090				1080				668				479				811				1570	
Chromium	NLE	76.7				77.8				75.7				78.1				50.4				88.6				88.3				62.9				66.0				132	
Cobalt	NLE	1.80				2.79				3.80				3.03				2.75				2.96				1.24				1.01				2.11				2.05	
Copper	600	19.9				45.4				12.0				11.1				10.7				14.2				16.6				0.718				10.8				25.0	
Iron	NLE	26600				32900				27900				34000				24600				27400				25700				18700				20100				36400	
Lead	400	23.7				159				96.8				270				85.5				125				56.5				6.93				43.1				54.7	
Magnesium	NLE	1400				2930				3250				3530				1430				2330				2490				1130				1830				4070	
Manganese	NLE	41.9				54.0				183				101				82.3				98.4				22.5				26.2				40.9				44.9	
Mercury	14	0.025				0.121				0.089				0.132				0.099				0.189				0.066				ND				0.105				0.122	
Nickel	250	8.70				7.69				11.3				10.8				8.04				8.33				4.79				3.68				6.01				7.11	
Potassium	NLE	4520				7210				6770				6770				2080				5660				6140				3320				4640				10400	
Selenium	63	ND				0.72				ND				ND				ND				0.802				0.759				ND				ND				0.924	
Silver	110	ND				ND				ND				ND				ND				ND				ND				ND				5.91				1.84	
Sodium	NLE	182				180				172				197				267				130				142				77.9				74.1				248	
Thallium	2	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND	
Vanadium	370	100				44.7				47.0				44.9				52.4				51.6				44.4				85.3				35.1				49.7	
Zinc	1500	68.6				139				231				252				137				64.1				37.1				20.2				52.8				71.5	

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

Table 4-1
Soil Sampling Results
M-8 Landfill Site
November 1998 - June 1999
Fort Monmouth, New Jersey

Lab Sample ID	NJDEP	4401.12	4401.13	4401.14	4401.15	4401.16	4401.17	4401.18	4401.19	4401.20	4401.21	4401.22	4401.23	4401.24	4401.25	4401.26	4401.27	4401.28	4401.29	4401.30	4401.31
Field Sample Location	Cleanup	B130 (6-12")	B130 (24")	B131 (6-12")	B131 (24")	B132 (6-12")	B132 (24")	B133 (6-12")	B133 (24")	B134 (6-12")	B134 (24")	B135 (6-12")	B135 (24")	B136 (6-12")	B136 (24")	B137 (6-12")	B137 (24")	B138 (6-12")	B138 (24")	B139 (6-12")	B139 (24")
Sample Date	Criteria (mg/kg)	4/8/1999	4/8/1999	4/8/1999	4/8/1999	4/8/1999	4/8/1999	4/8/1999	4/8/1999	4/8/1999	4/8/1999	4/8/1999	4/8/1999	4/8/1999	4/8/1999	4/8/1999	4/8/1999	4/8/1999	4/8/1999	4/8/1999	4/8/1999
Volatiles (mg/kg)																					
Methyl-tert-Butyl ether	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Acetone	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Carbon Disulfide	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Methylene Chloride	49		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
2-Butonone	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Benzene	3		ND		ND		2.5		ND		ND		ND		ND		ND		ND		ND
2-Chloroethyl vinyl ether	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Toluene	1000		ND		ND		1.5		ND		ND		ND		ND		ND		ND		ND
Chlorobenzene	37		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Tetrachloroethene	4		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Ethylbenzene	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
m+p-Xylenes	410		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Semi-Volatiles (mg/kg)																					
Aniline	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
1,4-Dichlorobenzene	570	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzyl Alcohol	10000	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4-Methylphenol	2800	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Nitrobenzene	28	ND		ND		ND		ND		ND				ND		ND		ND		ND	
2,4-Dimethylphenol	1100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzoic Acid	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Naphthalene	230	ND		ND		ND		ND		ND		ND		ND		ND		ND		0.40 J	
4-Chloroaniline	230	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2-Methylnaphthalene	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthylene	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthene	3400	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Dibenzofuran	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Diethylphthalate	10000	ND		ND		ND		ND		ND		ND		0.13 J		ND		ND		ND	
Fluorene	2300	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Azobenzene	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Hexachlorobenzene	0.66	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Phenanthrene	NLE	ND		ND		ND		ND		ND		0.21 J		ND		ND		0.43 J		0.36 J	
Anthracene	10000	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Di-n-butylphthalate	5700	0.43 J		ND		0.18 J		0.15 J		0.63 J		ND		0.71 J		ND		0.33 J		0.42 J	
Fluoranthene	2300	ND		ND		ND		ND		0.24 J		0.28 J		ND		ND		0.80 J		0.41 J	
Benzidine	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Pyrene	1700	ND		ND		ND		ND		0.22 J		0.38 J		ND		ND		0.80 J		0.55 J	
Butylbenzylphthalate	1100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzo[a]anthracene	0.9	ND		ND		ND		ND		ND		0.17 J		ND		ND		0.47 J		0.22 J	
3,3'-Dichlorobenzidine	2	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Chrysene	9	ND		ND		ND		ND		0.26 J		0.34 J		ND		ND		0.72 J		0.46 J	
bis(2-Ethylhexyl)phthalate	49	ND		ND		0.22 J		ND		ND		ND		0.14 J		ND		0.13 J		ND	
Di-n-octylphthalate	1100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzo[b]fluoranthene	0.9	ND		ND		ND		ND		0.14 J		0.17 J		ND		ND		0.41 J		0.16 J	
Benzo[k]fluoranthene	0.9	ND		ND		ND		ND		0.12 J		0.18 J		ND		ND		0.40 J		0.19 J	
Benzo[a]pyrene	0.66	ND		ND		ND		ND		0.13 J		0.18 J		ND		ND		0.43 J		0.18 J	
Indeno[1,2,3-cd]pyrene	0.9	ND		ND		ND		ND		ND		ND		ND		ND		0.15 J		0.17 J	
Dibenz[a,h]anthracene	0.66	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzo[g,h,I]perylene	NLE	ND		ND		ND		ND		ND		ND		ND		ND		0.17 J		0.21 J	
Pesticides/PCBs (mg/kg)																					
gamma-BHC	0.52	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Heptachlor	0.15	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Heptachlor Epoxide	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDE	2	0.093		0.041		0.011		0.017		0.078		0.697		0.010		0.402		0.061		0.113	
Dieldrin	0.042	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Endrin	17	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDD	3	0.038		0.025		ND		ND		0.060		3.857		ND		1.179		0.067		0.194	
4,4'-DDT	2	ND		ND		ND		0.025		0.091		1.261		ND		1.381		0.027		0.045	
gamma-Chlordane	NLE	ND		0.089		ND		ND		0.018		0.296		ND		0.075		ND		ND	
alpha-Chlordane	NLE	ND		0.087		ND		ND		0.014		0.200		ND		0.055		ND		ND	
Arochlor 1016	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1242	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1260	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Metals (mg/kg)																					
Aluminum	NLE	16100		12600		8370		14300		12100		8960		5180		11800		5850		7720	
Antimony	14	0.804		ND		ND		ND		ND		46.9		ND		23.5		0.464		2.22	
Arsenic	20	21.7		14.0		4.56		8.66		11.1		10.1		4.38		15.7		8.31		11.3	
Barium	700	41.4		50.6		28.3		19.0		60.5		783		11.2		208		27.8		46.9	
Beryllium	2	1.24		0.861		0.699		1.62		1.19		1.02		0.51		1.26		0.579		0.75	
Cadmium	39	ND		1.78		ND		ND		ND		2.67		ND		0.499		0.207		ND	
Calcium	NLE	2200		1700		334		111		829		8310		589		3470		1110		686	
Chromium	NLE	109		76.0		69.1		141		137		84.8		45.2		127		67.0		87.0	
Cobalt	NLE	6.01		2.42		1.25		1.46		1.50		5.71		0.938		3.93		1.15		1.20	
Copper	600	5.07		4.94		ND		4.13		18.8		81.2		ND		36.8		18.1		24.6	
Iron	NLE	84400		19700		15200		43800		34700		25100		12500		43100		23500		27500	
Lead	400	58.4		128		6.89		5.61		56.8		4000		4.94		808		33.6		91.5	
Magnesium	NLE	2220		2170		1690		4630		3910		2950		964		3920		1310		1980	
Manganese	NLE	233		81.6		13.8		20.3		23.7		255		13.7		143		25.5		20.1	
Mercury	14	0.064		0.085		ND		ND		0.105		0.37		ND		0.371		0.068		0.149	
Nickel	250	14.4		6.47		4.39		5.85		6.50		22.4		4.83		10.9		4.59		5.57	
Potassium	NLE	4880		4580		4380		12900		9980		4940		2680		8880		3380		5320	
Selenium	63	1.09		ND		ND		ND		1.24		1.26		ND		1.86		ND		1.13	
Silver	110	ND		ND		ND		ND		6.67		ND		ND		ND		0.978		2.89	
Sodium	NLE	216		139		197		99.5		178		198		109		207		79.1		216	
Thallium	2	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Vanadium	370	165		41.6		37.1		70.8		43.8		42.9		23.6		52.3		46.2		36.4	
Zinc	1500	96.1		54.2		27.0		47.8		67.7		1020		20.3		478		94.0		46.9	

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

Table 4-1
Soil Sampling Results
M-8 Landfill Site
November 1998 - June 1999
Fort Monmouth, New Jersey

Lab Sample ID	NJDEP	4401.32	4401.33	4401.34	4401.35	4401.36	4401.37	4401.42	4401.43	4401.44	4401.45	4401.46	4401.47	4405.02	4405.03	4405.04	4405.05	4405.06	4405.07	4405.08	4405.09
Field Sample Location	Cleanup	B140 (6-12")	B140 (24")	B141 (6-12")	B141 (24")	B142 (6-12")	B142 (24")	B143 (6-12")	B143 (24")	B144 (6-12")	B144 (24")	B145 (6-12")	B145 (24")	B146 (6-12")	B146 (24")	B147 (6-12")	B147 (24")	B148 (6-12")	B148 (24")	B149 (6-12")	B149 (24")
Sample Date	Criteria (mg/kg)	4/8/1999	4/8/1999	4/8/1999	4/8/1999	4/8/1999	4/8/1999	4/8/1999	4/8/1999	4/8/1999	4/8/1999	4/8/1999	4/8/1999	4/9/1999	4/9/1999	4/9/1999	4/9/1999	4/9/1999	4/9/1999	4/9/1999	4/9/1999
Volatiles (mg/kg)																					
Methyl-tert-Butyl ether	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Acetone	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Carbon Disulfide	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Methylene Chloride	49		ND		ND		ND		2.3		0.57 J		ND		ND		ND		ND		ND
2-Butonone	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Benzene	3		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
2-Chloroethyl vinyl ether	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Toluene	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Chlorobenzene	37		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Tetrachloroethene	4		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Ethylbenzene	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
m+p-Xylenes	410		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Semi-Volatiles (mg/kg)																					
Aniline	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
1,4-Dichlorobenzene	570	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzyl Alcohol	10000	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4-Methylphenol	2800	ND		8.8 J		ND		ND		13 J		ND		ND		ND		ND		ND	
Nitrobenzene	28	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2,4-Dimethylphenol	1100	ND		ND		ND		ND		8.9 J		ND		ND		ND		ND		ND	
Benzoic Acid	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Naphthalene	230	ND		720		ND		ND		950		ND		ND		ND		0.13 J		ND	
4-Chloroaniline	230	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2-Methylnaphthalene	NLE	ND		230		ND		ND		380		ND		ND		ND		ND		ND	
Acenaphthylene	NLE	0.27 J		ND		ND		ND		6 J		ND		ND		ND		ND		ND	
Acenaphthene	3400	ND		1300		ND		ND		1700		5.8 J		ND		ND		0.35 J		ND	
Dibenzofuran	NLE	ND		600		ND		ND		910		ND		ND		ND		0.12J		ND	
Diethylphthalate	10000	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Fluorene	2300	ND		970		ND		ND		1500		ND		ND		ND		0.24 J		ND	
Azobenzene	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Hexachlorobenzene	0.66	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Phenanthrene	NLE	0.44 J		4900		0.51 J		ND		8000		37 J		ND		0.75 J		2.6		1.2	
Anthracene	10000	0.14 J		2000		0.13 J		ND		4000		9.8 J		ND		0.18 J		0.60 J		ND	
Di-n-butylphthalate	5700	0.27 J		ND		0.26 J		0.22 J		ND		ND		0.63 J		0.59 J		0.47 J		0.80 J	
Fluoranthene	2300	0.88 J		4500		0.52 J		ND		7200		39 J		0.14 J		1.2 J		4.0		2.1	
Benzidine	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Pyrene	1700	1.2 J		2900		0.49 J		ND		7400		47 J		0.21 J		1.6		3.9		2.0	
Butylbenzylphthalate	1100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzo[a]anthracene	0.9	0.57 J		1900		0.25 J		ND		2500 J		22 J		ND		0.70 J		1.7		0.66 J	
3,3'-Dichlorobenzidine	2	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Chrysene	9	1.1 J		2400		0.41 J		0.12 J		3800 J		31 J		0.19 J		1.1 J		2.8		1.4	
bis(2-Ethylhexyl)phthalate	49	0.16 J		ND		ND		ND		ND		ND		ND		0.36 J		ND		0.14 J	
Di-n-octylphthalate	1100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzo[b]fluoranthene	0.9	0.57 J		2500		0.27 J		ND		5400		15 J		ND		0.79 J		1.4		0.52 J	
Benzo[k]fluoranthene	0.9	0.76 J		2200		0.20 J		ND		3100		18 J		ND		0.79 J		1.3		0.65 J	
Benzo[a]pyrene	0.66	0.59 J		2500		0.23 J		ND		4500		18 J		0.12 J		0.75 J		1.6		0.49 J	
Indeno[1,2,3-cd]pyrene	0.9	ND		670		ND		ND		1200		8.2 J		ND		ND		0.57 J		0.30 J	
Dibenz[a,h]anthracene	0.66	ND		410		ND		ND		850		ND		ND		ND		ND		ND	
Benzo[g,h,I]perylene	NLE	ND		520		ND		ND		940		ND		0.16 J		ND		0.53 J		0.33 J	
Pesticides/PCBs (mg/kg)																					
gamma-BHC	0.52	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Heptachlor	0.15	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Heptachlor Epoxide	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDE	2	0.064		ND		0.061		0.020		0.287		0.032		0.052		0.481		0.039		0.273	
Dieldrin	0.042	ND		ND		ND		0.017		ND		ND		ND		ND		0.025		0.019	
Endrin	17	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDD	3	ND		ND		0.066		0.021		ND		0.054		0.031		0.616		0.035		0.267	
4,4'-DDT	2	0.341		ND		0.056		ND		ND		0.102		0.136		0.343		0.097		0.219	
gamma-Chlordane	NLE	ND		ND		0.038		0.044		ND		0.018		ND		ND		0.018		0.042	
alpha-Chlordane	NLE	ND		ND		0.027		0.038		ND		0.024		ND		ND		0.018		0.046	
Arochlor 1016	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1242	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1260	0.49	1.416		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Metals (mg/kg)																					
Aluminum	NLE	8850		18900		13100		5890		9190		5200		13700		8750		14000		9920	
Antimony	14	5.93		1.07		ND		ND		ND		ND		ND		62.3		0.86		ND	
Arsenic	20	9.38		7.03		9.69		6.27		8.11		5.03		8.30		7.49		13.4		13.2	
Barium	700	58.5		984		74.6		17.9		37.3		13.9		53.8		112		39.8		51.5	
Beryllium	2	0.706		2.40		0.815		0.573		0.677		0.405		1.16		0.672		0.903		0.918	
Cadmium	39	0.131		3.27		ND		ND		ND		ND		ND		0.484		ND		0.371	
Calcium	NLE	2730		57700		5320		522		949		536		21400		4210		2460		1270	
Chromium	NLE	62.6		24.9		81.3		53.1		74.0		65.0		325		107		81.2		78.8	
Cobalt	NLE	3.12		3.92		1.62		1.24		1.86		0.758		5.64		4.07		2.22		2.54	
Copper	600	19.6		25.5		4.59		8.95		6.96		1.36		692		129		11.1		23.0	
Iron	NLE	25300		5060		22100		15900		19900		15900		25600		19900		30700		27700	
Lead	400	521		64.3		63.3		15.1		35.3		12.5		35.8		645		65.7		59.9	
Magnesium	NLE	2190		17100		2930		1190		1670		969		4170		2000		3210		2150	
Manganese	NLE	74.1		1910		42.2		18.5		49.7		14.5		94.1		78.4		46.2		55.7	
Mercury	14	0.211		0.078		0.059		0.034		0.259		0.058		0.11		0.488		0.082		0.229	
Nickel	250	6.99		7.61		5.53		5.91		5.32		3.02		15.6		10.9		6.44		8.36	
Potassium	NLE	4210		2060		5210		2980		4250		2830		5120		4180		7050		5240	
Selenium	63	0.879		2.36		0.695		ND		ND		ND		ND		ND		ND		ND	
Silver	110	ND		ND		ND		ND		1.26		ND		ND		1.45		ND		ND	
Sodium	NLE	103		16700		108		96.7		248		79.3		231		192		177		157	
Thallium	2	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Vanadium	370	43.8		18.4		46.5		33.0		59.0		70.9		63.5		51.5		52.2		47.9	
Zinc	1500	509		385		59.3		33.9		46.4		24.9		432		412		58.4		90.0	

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-8 Landfill Site
November 1998 - June 1999
Fort Monmouth, New Jersey

Lab Sample ID	NJDEP	4405.10		4405.11		4405.12		4405.13		4405.14		4405.15		4405.16		4405.17		4405.18		4405.19		4405.20		4405.21		4405.22		4405.23		4405.24		4405.25		4413.02		4413.03		4413.04		4413.05	
Field Sample Location	Cleanup	B150 (6-12")		B150 (24")		B151 (6-12")		B151 (24")		B152 (6-12")		B152 (24")		B153 (6-12")		B153 (24")		B154 (6-12")		B154 (24")		B155 (6-12")		B155 (24")		B156 (6-12")		B156 (24")		B157 (6-12")		B157 (24")		B158 (6-12")		B158 (24")		B159 (6-12")		B159 (24")	
Sample Date	Criteria (mg/kg)	4/9/1999		4/9/1999		4/9/1999		4/9/1999		4/9/1999		4/9/1999		4/9/1999		4/9/1999		4/9/1999		4/9/1999		4/9/1999		4/9/1999		4/9/1999		4/9/1999		4/9/1999		4/9/1999		4/13/1999		4/13/1999		4/13/1999		4/13/1999	
Volatiles (mg/kg)																																							
Methyl-tert-Butyl ether	NLE			ND				ND				ND				ND				ND				ND				ND				ND		ND				ND	
Acetone	1000			ND				ND				ND				ND				ND				ND				ND				ND		ND				ND	
Carbon Disulfide	NLE			ND				ND				ND				ND				ND				ND				ND				ND		ND				ND	
Methylene Chloride	49			ND				ND				ND				ND				ND				4.1				0.4 J				ND		ND				ND	
2-Butonone	1000			ND				ND				ND				ND				ND				ND				ND				ND		ND				ND	
Benzene	3			ND				ND				ND				ND				ND				ND				ND				ND		ND				ND	
2-Chloroethyl vinyl ether	NLE			ND				ND				ND				ND				ND				ND				ND				ND		ND				ND	
Toluene	1000			ND				ND				ND				ND				ND				ND				ND				ND		ND				ND	
Chlorobenzene	37			ND				ND				ND				ND				ND				ND				ND				ND		ND				ND	
Tetrachloroethene	4			ND				ND				ND				ND				ND				ND				ND				ND		ND				ND	
Ethylbenzene	1000			ND				ND				ND				ND				ND				ND				ND				ND		ND				ND	
m+p-Xylenes	410			ND				ND				ND				ND				ND				ND				ND				ND		ND				ND	
Semi-Volatiles (mg/kg)																																							
Aniline	NLE	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
1,4-Dichlorobenzene	570	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
Benzyl Alcohol	10000	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
4-Methylphenol	2800	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
Nitrobenzene	28	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
2,4-Dimethylphenol	1100	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
Benzoic Acid	NLE	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
Naphthalene	230	ND				0.33 J				ND				ND				ND				ND				ND				ND				ND				ND			
4-Chloroaniline	230	ND				ND				ND				ND				ND				ND				ND				0.73 J				ND				ND			
2-Methylnaphthalene	NLE	ND				0.13 J				ND				ND				ND				ND				ND				ND				ND				ND			
Acenaphthylene	NLE	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
Acenaphthene	3400	ND				0.79 J				ND				ND				0.21 J				ND				ND				ND				ND				ND			
Dibenzofuran	NLE	ND				0.38 J				ND				ND				0.13 J				ND				ND				ND				ND				ND			
Diethylphthalate	10000	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
Fluorene	2300	ND				0.67 J				ND				ND				0.30 J				ND				ND				ND				ND				ND			
Azobenzene	NLE	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
Hexachlorobenzene	0.66	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
Phenanthrene	NLE	0.34 J				7.4				0.59 J				0.17 J				1.4				0.68 J				0.39 J				0.25 J				ND				0.35 J			
Anthracene	10000	ND				1.4				0.15J				ND				0.38 J				0.16 J				ND				ND				ND				ND			
Di-n-butylphthalate	5700	0.22 J				0.90 J				0.69 J				0.46 J				0.60 J				0.39 J				0.44 J				1.3				0.24 J				0.95 J			
Fluoranthene	2300	0.48 J				7.9				0.82 J				0.30 J				2.1				1.1 J				0.75 J				0.60 J				ND				0.63 J			
Benzidine	NLE	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
Pyrene	1700	0.52 J				8.6				1.2				0.32 J				2.7				1.2				0.84 J				0.54 J				0.13 J				0.77 J			
Butylbenzylphthalate	1100	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
Benzo[a]anthracene	0.9	0.26 J				2.9				0.45 J				0.19 J				0.48 J				0.53 J				0.41 J				0.33 J				ND				0.40 J			
3,3'-Dichlorobenzidine	2	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
Chrysene	9	0.45 J				4.8				0.70 J				0.31 J				0.80 J				0.78 J				0.65 J				0.59 J				ND				0.74 J			
bis(2-Ethylhexyl)phthalate	49	0.26 J				ND				0.31 J				ND				ND				ND				ND				0.19 J				0.13 J				0.13 J			
Di-n-octylphthalate	1100	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
Benzo[b]fluoranthene	0.9	0.18J				2.6				0.50 J				0.14 J				0.37 J				0.45 J				0.45 J				0.33 J				ND				0.35 J			
Benzo[k]fluoranthene	0.9	0.25 J				2.7				0.52 J				0.16 J				0.41 J				0.50 J				0.42 J				0.37 J				ND				0.36 J			
Benzo[a]pyrene	0.66	0.23 J				2.7				0.50 J				0.16 J				0.39 J				0.47 J				0.45 J				0.38 J				ND				0.39 J			
Indeno[1,2,3-cd]pyrene	0.9	0.13 J				0.80 J				ND				ND				ND				ND				ND				0.26 J				ND				0.28 J			
Dibenz[a,h]anthracene	0.66	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
Benzo[g,h,I]perylene	NLE	0.15 J				0.77 J				ND				0.12 J				ND				ND				ND				0.26 J				ND				0.33 J			
Pesticides/PCBs (mg/kg)																																							
gamma-BHC	0.52	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
Heptachlor	0.15	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
Heptachlor Epoxide	NLE	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
4,4'-DDE	2	0.202				0.039				0.012				ND				0.077				0.063				0.057				0.137				ND				0.077			
Dieldrin	0.042	0.015				ND				0.016				ND				0.014				0.016				ND				ND				ND				0.021			
Endrin	17	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
4,4'-DDD	3	0.135				0.091				ND				ND				0.181				0.028				0.032				0.153				0.099				0.147			
4,4'-DDT	2	0.390				0.038				0.040				ND				0.028				0.154				0.193				0.057				ND				0.073			
gamma-Chlordane	NLE	0.029				0.018				ND				ND				0.014				0.012				ND				0.083				ND				0.088			
alpha-Chlordane	NLE	0.036				0.016				ND				ND				0.013				0.013				ND				0.068				ND				0.046			
Arochlor 1016	0.49	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
Arochlor 1242	0.49	ND				ND				ND				ND				ND				ND				ND				ND				4.634				6.71			
Arochlor 1260	0.49	ND				ND				ND				20.06				ND				ND				ND				ND				ND				ND			
Metals (mg/kg)																																							
Aluminum	NLE	9490				7670				8010				13800				11900				5400				15400				10400				12100				13400			
Antimony	14	ND				0.572				ND				ND				ND				ND				ND				ND				1.12				1.16			
Arsenic	20	6.97				2.21				2.74				10.4				11.2				4.10				11.8				14.3				15.3				15.4			
Barium	700	43.1				50.3				17.1				57.5				89.0				12.8				56.9				87.4				87.7				50.2			
Beryllium	2	0.766				0.325				0.261				0.895				1.86				0.413				0.985				1.31				1.06				1.35			
Cadmium	39	ND				ND				0.152				ND				1.69				ND				0.428				ND				0.225				1.24			
Calcium	NLE	1340				50500				23500				2380				6570				312				1460				2720				2770				1290			
Chromium	NLE	71.9				23.4				28.1				88.6				196				49.5				87.8				136				116				146			
Cobalt	NLE	2.22				2.29				4.00				2.46				1.47				1.04				3.25				2.26				2.20				2.38			
Copper	600	11.4				15.9				16.8				19.7				5.33				ND				21.0				22.1				44.7				49.3			
Iron	NLE	22100				9540				13600				24000				42800				13300				27800				33400				31000				43600			
Lead	400	41.7				12.1				9.11				47.8				12.8				15.5				93.3				31.8				111				75.2			
Magnesium	NLE	1960				2660				5280				3270				6360				1130				2900				4210				3380				4510			
Manganese	NLE	53.2				81.1				95.1				62.4				34.4				24.5				95.5				24.9				148				43.5			
Mercury	14	0.144				0.065				0.062				0.144				0.107				0.046				0.116				0.461				1.17				0.355			
Nickel	250	7.53				4.30				14.1				7.70				8.06				3.28				12.0				10.8				8.57				8.17			
Potassium	NLE	4810				1660				1620				6560				16900				3080				6730				10900				7150				10400			
Selenium	63	ND				ND				ND				0.759				1.32				ND				0.841				1.56				0.813				0.886			
Silver	110	2.06				ND				ND				ND				ND				ND				ND				5.80				3.64				2.40			
Sodium	NLE	146				123				365				258				357				103				228				197				158				305			
Thallium	2	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
Vanadium	370	42.8				15.3				92.8				52.8				75.6				37.9				73.1				51.4				55.9				63.8			
Zinc	1500	60.3				41.3				96.5				59.5				64.9				255				205				169				152				98.5			

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

Table 4-1
Soil Sampling Results
M-8 Landfill Site
November 1998 - June 1999
Fort Monmouth, New Jersey

Lab Sample ID	NJDEP	4413.06	4413.07	4413.08	4413.09	4413.10	4413.11	4413.12	4413.13	4413.14	4413.15	4413.16	4413.17	4413.18	4413.19	4413.20	4413.21	4413.22	4413.23	4413.24	4413.25
Field Sample Location	Cleanup	B160 (6-12")	B160 (24")	B161 (6-12")	B161 (24")	B162 (6-12")	B162 (24")	B163 (6-12")	B163 (24")	B164 (6-12")	B164 (24")	B165 (6-12")	B165 (24")	B166 (6-12")	B166 (24")	B167 (6-12")	B167 (24")	B168 (6-12")	B168 (24")	B169 (6-12")	B169 (24")
Sample Date	Criteria (mg/kg)	4/13/1999	4/13/1999	4/13/1999	4/13/1999	4/13/1999	4/13/1999	4/13/1999	4/13/1999	4/13/1999	4/13/1999	4/13/1999	4/13/1999	4/13/1999	4/13/1999	4/13/1999	4/13/1999	4/13/1999	4/13/1999	4/13/1999	4/13/1999
Volatiles (mg/kg)																					
Methyl-tert-Butyl ether	NLE		ND		ND		ND		ND		0.066 J		ND		ND		ND		ND		ND
Acetone	1000		ND		ND		ND		ND		1.1		ND		ND		ND		ND		ND
Carbon Disulfide	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Methylene Chloride	49		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
2-Butonone	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Benzene	3		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
2-Chloroethyl vinyl ether	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Toluene	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Chlorobenzene	37		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Tetrachloroethene	4		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Ethylbenzene	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
m+p-Xylenes	410		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Semi-Volatiles (mg/kg)																					
Aniline	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
1,4-Dichlorobenzene	570	ND		ND		ND		ND		7.5		ND		ND		ND		ND		ND	
Benzyl Alcohol	10000	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4-Methylphenol	2800	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Nitrobenzene	28	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2,4-Dimethylphenol	1100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzoic Acid	NLE	ND		ND		ND		ND		ND		0.65 J		ND		ND		ND		ND	
Naphthalene	230	ND		ND		ND		ND		2.6		ND		21 J		ND		ND		ND	
4-Chloroaniline	230	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2-Methylnaphthalene	NLE	ND		ND		ND		ND		4.3		ND		9.7		ND		ND		ND	
Acenaphthylene	NLE	ND		ND		ND		ND		ND		0.22 J		0.22 J		ND		ND		ND	
Acenaphthene	3400	ND		ND		ND		ND		3.8		ND		34		ND		ND		ND	
Dibenzofuran	NLE	ND		ND		ND		ND		0.85 J		ND		14 J		ND		ND		ND	
Diethylphthalate	10000	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Fluorene	2300	ND		ND		ND		ND		1.3		ND		28 J		ND		ND		ND	
Azobenzene	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Hexachlorobenzene	0.66	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Phenanthrene	NLE	0.22 J		ND		ND		ND		ND		0.71 J		230		0.22 J		ND		0.35 J	
Anthracene	10000	ND		ND		ND		ND		1.6		ND		58		ND		ND		ND	
Di-n-butylphthalate	5700	0.54 J		0.29 J		0.72 J		0.41 J		ND		0.86 J		0.85 J		1.2		0.36 J		0.69 J	
Fluoranthene	2300	0.41 J		0.35 J		0.29 J		0.35 J		ND		1.4 J		190		0.43 J		ND		0.60 J	
Benzidine	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Pyrene	1700	0.45 J		0.32 J		0.26 J		0.28 J		4.3		1.5 J		210		0.38 J		ND		0.55 J	
Butylbenzylphthalate	1100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzo[a]anthracene	0.9	0.21 J		0.18 J		0.16 J		0.20 J		1.9		0.70 J		80		0.22 J		ND		0.29 J	
3,3'-Dichlorobenzidine	2	ND		ND		ND		ND		0.38 J		ND		ND		ND		ND		ND	
Chrysene	9	0.40 J		0.34 J		0.29 J		0.34 J		2.8		1.5 J		130		0.39 J		ND		0.57 J	
bis(2-Ethylhexyl)phthalate	49	0.17 J		ND		ND		ND		0.81 J		0.27 J		2.3		ND		ND		ND	
Di-n-octylphthalate	1100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzo[b]fluoranthene	0.9	0.20 J		0.20 J		0.15 J		0.18 J		1.1 J		0.74 J		44		0.17 J		ND		0.29 J	
Benzo[k]fluoranthene	0.9	0.20 J		0.18 J		0.15 J		0.19 J		1.2		0.92 J		50		0.21 J		ND		0.27 J	
Benzo[a]pyrene	0.66	0.20 J		0.19 J		0.17 J		0.20 J		1.4		0.74 J		65		0.21 J		ND		0.33 J	
Indeno[1,2,3-cd]pyrene	0.9	0.14 J		0.16 J		ND		0.14 J		0.53 J		0.39 J		35		ND		ND		0.22 J	
Dibenz[a,h]anthracene	0.66	ND		ND		ND		ND		0.18 J		ND		14		ND		ND		ND	
Benzo[g,h,I]perylene	NLE	0.17 J		0.17 J		ND		ND		0.51 J		0.46 J		37		ND		ND		0.25 J	
Pesticides/PCBs (mg/kg)																					
gamma-BHC	0.52	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Heptachlor	0.15	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Heptachlor Epoxide	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDE	2	0.034		0.025		0.032		0.033		ND		0.118		0.049		0.072		0.035		0.035	
Dieldrin	0.042	ND		ND		0.018		0.055		ND		0.027		0.031		ND		ND		0.027	
Endrin	17	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDD	3	0.082		0.031		0.049		0.085		ND		0.201		0.134		0.078		0.026		0.055	
4,4'-DDT	2	ND		0.048		ND		ND		ND		0.063		0.069		ND		ND		ND	
gamma-Chlordane	NLE	0.015		ND		0.051		0.014		ND		0.045		0.040		ND		ND		ND	
alpha-Chlordane	NLE	ND		ND		0.032		ND		ND		0.026		0.025		ND		ND		ND	
Arochlor 1016	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1242	0.49	ND		ND		ND		ND		5654.281		ND		ND		ND		ND		ND	
Arochlor 1260	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Metals (mg/kg)																					
Aluminum	NLE	15200		15600		13900		10200		10600		17900		8800		11300		12500		8590	
Antimony	14	0.668		ND		ND		0.546		ND		ND		ND		ND		ND		ND	
Arsenic	20	16.0		9.79		11.8		16.7		12.6		18.9		7.72		28.0		19.4		11.9	
Barium	700	86.1		16.9		88.4		129		39.2		53.3		40.8		78.3		60.2		68.8	
Beryllium	2	1.44		2.09		1.97		1.26		1.56		1.70		0.766		1.36		1.79		1.19	
Cadmium	39	0.655		ND		ND		0.995		0.251		0.69		0.606		ND		ND		ND	
Calcium	NLE	1480		175		1720		1710		2460		1160		469		1280		2080		4680	
Chromium	NLE	177		160		204		117		120		150		89.1		160		142		104	
Cobalt	NLE	1.92		2.73		0.874		1.23		2.21		2.60		1.66		0.906		2.71		1.11	
Copper	600	52.9		18.1		17.5		33.9		9.45		91.4		35.1		6.96		6.20		7.83	
Iron	NLE	48700		56900		45600		28000		36200		43600		25800		39400		43800		27600	
Lead	400	95.0		10.9		15.5		38.9		14.8		91.6		44.6		16.8		12.9		16.0	
Magnesium	NLE	5420		7450		7090		3710		4110		4410		2450		5200		5890		3500	
Manganese	NLE	67.7		18.9		23.1		29.7		24.9		40.6		22.5		18.8		16.7		16.4	
Mercury	14	0.463		0.088		0.378		0.859		0.148		0.766		2.36		0.15		0.042		0.065	
Nickel	250	10.8		9.52		7.56		9.04		15.1		13.0		7.73		5.15		11.2		6.33	
Potassium	NLE	13600		20300		17600		9440		10300		10800		6220		13400		17100		9040	
Selenium	63	1.36		ND		1.60		2.62		1.55		ND		0.638		1.61		1.02		1.83	
Silver	110	2.58		ND		4.23		ND		ND		ND		0.877		3.86		ND		ND	
Sodium	NLE	283		129		119		124		341		347		120		129		192		199	
Thallium	2	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Vanadium	370	67.5		62.0		63.5		35.8		43.3		81.7		44.8		55.9		42.6		32.4	
Zinc	1500	117		76.0		88.0		140		83.4		135		73.1		47.4		64.3		51.3	

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-8 Landfill Site
November 1998 - June 1999
Fort Monmouth, New Jersey

Lab Sample ID	NJDEP	4413.26		4413.27		4469.02		4469.03		4469.04		4469.05		4469.06		4469.07		4469.08		4469.09		4469.10		4469.11		4473.02		4473.03		4473.04		4473.05		4473.06		4473.07		4473.08		4473.09	
Field Sample Location	Cleanup	B170 (6-12")		B170 (24")		B171 (6-12")		B171 (24")		B172 (6-12")		B172 (24")		B173 (6-12")		B173 (24")		B174 (6-12")		B174 (24")		B175 (6-12")		B175 (24")		B176 (6-12")		B176 (24")		B177 (6-12")		B177 (24")		B178 (6-12")		B178 (24")		B179 (6-12")		B179 (24")	
Sample Date	Criteria (mg/kg)	4/13/1999		4/13/1999		5/7/1999		5/7/1999		5/7/1999		5/7/1999		5/7/1999		5/7/1999		5/7/1999		5/7/1999		5/7/1999		5/7/1999		5/10/1999		5/10/1999		5/10/1999		5/10/1999		5/10/1999		5/10/1999		5/10/1999		5/10/1999	
Volatiles (mg/kg)																																							
Methyl-tert-Butyl ether	NLE			ND				ND				ND				ND				ND				ND						ND				ND				ND	
Acetone	1000			ND				ND				ND				ND				ND				ND						ND				ND				ND	
Carbon Disulfide	NLE			ND				ND				ND				ND				ND				ND						ND				ND				ND	
Methylene Chloride	49			ND				ND				ND				ND				ND				ND						ND				ND				1.0	
2-Butonone	1000			ND				ND				ND				ND				ND				ND						ND				ND				ND	
Benzene	3			ND				ND				ND				ND				ND				ND						ND				ND				ND	
2-Chloroethyl vinyl ether	NLE			ND				ND				ND				ND				ND				ND						ND				ND				ND	
Toluene	1000			ND				ND				ND				ND				ND				ND						ND				ND				ND	
Chlorobenzene	37			ND				ND				ND				ND				ND				ND						ND				ND				ND	
Tetrachloroethene	4			ND				ND				ND				ND				ND				ND						ND				ND				ND	
Ethylbenzene	1000			ND				ND				ND				ND				ND				ND						ND				ND				ND	
m+p-Xylenes	410			ND				ND				ND				ND				ND				ND						ND				ND				ND	
Semi-Volatiles (mg/kg)																																							
Aniline	NLE	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND	
1,4-Dichlorobenzene	570	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND	
Benzyl Alcohol	10000	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND	
4-Methylphenol	2800	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND	
Nitrobenzene	28	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND	
2,4-Dimethylphenol	1100	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND	
Benzoic Acid	NLE	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND	
Naphthalene	230	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND	
4-Chloroaniline	230	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND	
2-Methylnaphthalene	NLE	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND	
Acenaphthylene	NLE	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND	
Acenaphthene	3400	ND				ND				ND				ND				0.13 J				ND				ND				0.16 J				ND				ND	
Dibenzofuran	NLE	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND	
Diethylphthalate	10000	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND	
Fluorene	2300	ND				ND				ND				ND				ND				ND				ND				0.15 J				ND				ND	
Azobenzene	NLE	ND				ND				ND				0.14 J				ND				ND				ND				0.34 J				ND				ND	
Hexachlorobenzene	0.66	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND	
Phenanthrene	NLE	ND				ND				ND				ND				1.5				0.36 J				0.11 J				1.4				0.14 J				ND	
Anthracene	10000	ND				ND				ND				ND				0.24 J				ND				ND				ND				ND				ND	
Di-n-butylphthalate	5700	0.64 J				0.55 J				0.43 J				0.15 J				ND				0.81 J				0.12 J				0.39 J				0.39 J				0.35 J	
Fluoranthene	2300	ND				ND				ND				ND				2.4				0.84 J				0.19 J				1.8 J				0.22 J				ND	
Benzidine	NLE	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND	
Pyrene	1700	0.13 J				ND				0.12 J				ND				2.5				0.68 J				0.20 J				1.4				0.21 J				ND	
Butylbenzylphthalate	1100	ND				ND				ND				ND				ND				ND				ND				ND				ND				0.20 J	
Benzo[a]anthracene	0.9	ND				ND				ND				ND				0.93 J				0.32 J				0.11 J				0.74 J				0.12 J				ND	
3,3'-Dichlorobenzidine	2	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND	
Chrysene	9	ND				ND				0.12 J				ND				1.6				0.64 J				0.24 J				1.2				0.23 J				ND	
bis(2-Ethylhexyl)phthalate	49	ND				ND				ND				ND				0.11 J				ND				ND				0.14 J				0.12 J				0.24 J	
Di-n-octylphthalate	1100	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND	
Benzo[b]fluoranthene	0.9	ND				ND				ND				ND				0.83 J				0.35 J				ND				0.60 J				ND				ND	
Benzo[k]fluoranthene	0.9	ND				ND				ND				ND				0.89 J				0.32 J				ND				0.53 J				ND				ND	
Benzo[a]pyrene	0.66	ND				ND				ND				ND				0.93 J				0.37 J				ND				0.69 J				0.11 J				ND	
Indeno[1,2,3-cd]pyrene	0.9	ND				ND				ND				ND				0.35 J				0.26 J				ND				0.39 J				ND				ND	
Dibenz[a,h]anthracene	0.66	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND	
Benzo[g,h,I]perylene	NLE	ND				ND				ND				ND				0.37 J				0.27 J				ND				0.39 J				ND				ND	
Pesticides/PCBs (mg/kg)																																								
gamma-BHC	0.52	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND	
Heptachlor	0.15	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND	
Heptachlor Epoxide	NLE	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND	
4,4'-DDE	2	0.028				0.017				0.079				0.011				ND				ND				0.137				0.141				0.134				0.105	
Dieldrin	0.042	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND	
Endrin	17	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND	
4,4'-DDD	3	0.027				0.016				0.060				0.022				ND				ND				0.115				0.212				0.178				0.084	
4,4'-DDT	2	ND				ND				0.245				ND				0.103				ND				0.289				0.075				0.351				0.232	
gamma-Chlordane	NLE	ND				ND				0.021				ND				ND				ND				0.015				0.034				0.02				0.016	
alpha-Chlordane	NLE	ND				ND				0.025				ND				ND				ND				0.016				0.027				0.016				0.015	
Arochlor 1016	0.49	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND	
Arochlor 1242	0.49	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND	
Arochlor 1260	0.49	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND	
Metals (mg/kg)																																							
Aluminum	NLE	13400				7570				10100				17500				5890				9640				10300				8820				10500				9270	
Antimony	14	ND				4.07				5.14				0.969				0.983				0.753				3.78				1.17				0.809				13.7	
Arsenic	20	13.4				7.71				6.62				16.4				2.89				6.62				7.48				8.18				7.44				7.35	
Barium	700	70.6				30.3				51.3				61.2				21.5				15.0				79.3				54.9				66.4				84.8	
Beryllium	2	1.99				0.499				0.578				1.66				0.526				0.49				0.652				0.818				0.925				0.638	
Cadmium	39	ND				ND				0.600				ND				0.974				ND				0.768				0.656				1.28				0.792	
Calcium	NLE	4250				1390				3200				769				1910				852				2670				3690				2290				11200	
Chromium	NLE	180				52.2				54.8				198				30.9				53.4				60.0				82.0				85.0				62.8	
Cobalt	NLE	1.98				1.76				2.21				1.37				3.32				1.20				2.72				2.38				2.77				3.41	
Copper	600	6.91				14.8				14.1				23.9				43.5				7.17				23.8				18.5				18.2				38.7	
Iron	NLE	40100				18400				18000				46600				12100				20800				21100				20800				22400				19500	
Lead	400	12.5				71.2				81.0				41.1				57.7				8.47				164				88.5				50.3				191	
Magnesium	NLE	6110				1080				1440				5090				1300				1160				2170				2250				2300				2700	
Manganese	NLE	25.5				32.8				57.1				22.8				56.4				26.6				71.4				39.1				73.2				91.1	
Mercury	14	0.068				0.124				0.201				0.093				0.05				0.061				0.354				0.521				0.42				0.981	
Nickel	250	17.5				5.90				8.26				8.00				11.5				4.78				7.43				8.00				8.73				9.00	
Potassium	NLE	15500				2240				3090				14800				1670				3000				3510				4620				4480				3650	
Selenium	63	1.45				0.743				1.03				1.44				ND				ND				ND				ND				0.929				ND	
Silver	110	ND				ND				ND				ND				ND				ND				ND				ND				1.88				1.32			
Sodium	NLE	165				131				216				200				143				67.4				136				133				276				175	
Thallium	2	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND	
Vanadium	370	60.8				42.9				37.5				74.0				27.3				46.0				47.1				47.3				50.2				42.9	
Zinc	1500	84.5				169				118				88.9				71.7				30.3				220				101				72.8				198	

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-8 Landfill Site
November 1998 - June 1999
Fort Monmouth, New Jersey

Lab Sample ID	NJDEP	4473.10		4473.11		4473.14		4473.15		4473.16		4473.17		4473.18		4473.19		4473.20		4473.21		4474.02		4474.03		4474.04		4474.05		4474.06		4474.07		4474.08		4474.09		4474.10		4474.11	
Field Sample Location	Cleanup	B180 (6-12")		B180 (24")		B181 (6-12")		B181 (24")		B182 (6-12")		B182 (24")		B183 (6-12")		B183 (24")		B184 (6-12")		B184 (24")		B185 (6-12")		B185 (24")		B186 (6-12")		B186 (24")		B187 (6-12")		B187 (24")		B188 (6-12")		B188 (24")		B189 (6-12")		B189 (24")	
Sample Date	Criteria (mg/kg)	5/10/1999		5/10/1999		5/10/1999		5/10/1999		5/10/1999		5/10/1999		5/10/1999		5/10/1999		5/10/1999		5/10/1999		5/11/1999		5/11/1999		5/11/1999		5/11/1999		5/11/1999		5/11/1999		5/11/1999		5/11/1999		5/11/1999		5/11/1999	
Volatiles (mg/kg)																																							
Methyl-tert-Butyl ether	NLE			ND				ND				ND				ND				ND				ND														ND	
Acetone	1000			ND				ND				ND				ND				ND				ND														ND	
Carbon Disulfide	NLE			ND				ND				ND				ND				ND				ND														ND	
Methylene Chloride	49			ND				ND				ND				ND				ND				2.9				7.6				1.3				0.62				0.62 J	
2-Butonone	1000			ND				ND				ND				ND				ND				ND														ND	
Benzene	3			ND				ND				ND				ND				ND				ND														ND	
2-Chloroethyl vinyl ether	NLE			ND				ND				ND				ND				ND				ND														ND	
Toluene	1000			ND				ND				ND				ND				ND				ND														ND	
Chlorobenzene	37			ND				ND				ND				ND				ND				ND														ND	
Tetrachloroethene	4			ND				ND				ND				ND				ND				ND														ND	
Ethylbenzene	1000			ND				ND				ND				ND				ND				ND														ND	
m+p-Xylenes	410			ND				ND				ND				ND				ND				ND														ND	
Semi-Volatiles (mg/kg)																																							
Aniline	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
1,4-Dichlorobenzene	570	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzyl Alcohol	10000	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4-Methylphenol	2800	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Nitrobenzene	28	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2,4-Dimethylphenol	1100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzoic Acid	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Naphthalene	230	ND		ND		ND		ND		ND		ND		ND		ND		0.21 J		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4-Chloroaniline	230	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2-Methylnaphthalene	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthylene	NLE	ND		ND		ND		ND		0.28 J		ND		ND		ND		0.11 J		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthene	3400	ND		ND		ND		ND		ND		ND		ND		ND		0.40 J		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Dibenzofuran	NLE	ND		ND		ND		ND		ND		ND		ND		ND		0.34 J		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Diethylphthalate	10000	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Fluorene	2300	ND		ND		ND		ND		ND		ND		ND		ND		0.54 J		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Azobenzene	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Hexachlorobenzene	0.66	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Phenanthrene	NLE	0.12 J		0.22 J		0.79 J		0.31 J		6.9		0.21 J		0.12 J		ND																							
Anthracene	10000	ND		ND		0.18 J		ND		1.8		ND		ND		ND																							
Di-n-butylphthalate	5700	0.57 J		0.61 J		0.66 J		0.56 J		0.16 J		0.35 J		0.43 J		0.83 J		0.43 J		0.88 J																	
Fluoranthene	2300	0.16 J		0.4 J		1.1 J		0.54 J		9.5		0.27 J		0.20 J		ND		0.18 J		ND																	
Benzidine	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND																	
Pyrene	1700	0.14 J		0.39 J		1.3 J		0.39 J		6.9		0.32 J		0.18 J		ND		0.17 J		ND																	
Butylbenzylphthalate	1100	ND		ND		ND		ND		0.17 J		ND		ND		ND		ND		ND																	
Benzo[a]anthracene	0.9	ND		0.21 J		0.53 J		0.28 J		3.9		0.15 J		ND		ND		ND		ND																	
3,3'-Dichlorobenzidine	2	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND																	
Chrysene	9	0.19 J		0.41 J		1.3 J		0.55 J		5.7		0.33 J		0.20 J		ND		0.20 J		ND																	
bis(2-Ethylhexyl)phthalate	49	0.26 J		0.17 J		0.13 J		0.30 J		0.18 J		0.17 J		0.26 J		0.15 J		0.14 J		0.13 J																	
Di-n-octylphthalate	1100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND																	
Benzo[b]fluoranthene	0.9	ND		0.28 J		0.48 J		0.33 J		3.7		0.12 J		ND		ND		ND		ND																	
Benzo[k]fluoranthene	0.9	ND		0.22 J		0.43 J		0.27 J		3.3		0.11 J		ND		ND		ND		ND																	
Benzo[a]pyrene	0.66	ND		0.26 J		0.50 J		0.28 J		3.2		0.14 J		ND		ND		ND		ND																	
Indeno[1,2,3-cd]pyrene	0.9	ND		ND		0.36 J		0.15 J		1.1		ND		ND		ND		ND		ND																	
Dibenz[a,h]anthracene	0.66	ND		ND		ND		ND		0.64 J		ND		ND		ND		ND		ND																	
Benzo[g,h,I]perylene	NLE	ND		ND		0.40 J		0.14 J		0.88 J		ND		ND		ND		ND		ND																	
Pesticides/PCBs (mg/kg)																																							
gamma-BHC	0.52	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Heptachlor	0.15	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Heptachlor Epoxide	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDE	2	0.091		0.533		0.419		0.077		ND		0.160		0.113		0.042		0.409		ND																	
Dieldrin	0.042	ND		0.027		ND		ND		ND		ND		ND		ND		ND		ND																	
Endrin	17	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND																	
4,4'-DDD	3	0.04		1.833		1.171		0.039		ND		0.102		0.347		0.043		0.651		ND																	
4,4'-DDT	2	0.239		0.787		0.691		0.124		0.032		0.293		0.117		0.035		0.229		ND																	
gamma-Chlordane	NLE	0.013		0.023		0.044		ND		ND		0.040		ND		ND		0.045		ND																	
alpha-Chlordane	NLE	0.012		0.022		0.039		ND		ND		0.031		ND		ND		0.032		ND																	
Arochlor 1016	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND																	
Arochlor 1242	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND																	
Arochlor 1260	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND																	
Metals (mg/kg)																																							
Aluminum	NLE	12500		9240		13100		13500		12900		8850		8550		11300		7930		10900																	
Antimony	14	3.01		2.41		1.13		5.23		0.573		0.796		0.791		ND		0.787		0.518																	
Arsenic	20	8.83		7.27		10.4		7.44		8.02		9580		6.53		5.91		6.97		5.86																	
Barium	700	286		53.3		80.1		46.0		37.0		9.88		41.1		30.1		77.0		19.7																	
Beryllium	2	0.925		0.744		1.01		0.773		0.898		44.6		0.574		0.571		0.682		0.584																	
Cadmium	39	0.809		1.01		0.791		0.803		0.489		0.599		0.600		0.38		0.829		0.343																	
Calcium	NLE	11200		3790		1690		3900		1580		1500		4630		434		1480		206																	
Chromium	NLE	92.5		73.3		102		88.6		90.1		87.9		98.0		49.9		66.1		62.6																	
Cobalt	NLE	3.25		2.76		2.74		2.15		2.67		2.52		2.80		2.50		2.86		3.04																	
Copper	600	11.7		17.7		23.1		15.9		11.0		12.4		97.5		7.67		13.2		8.61																	
Iron	NLE	28500		21500		23400		27400		28800		23100		17000		21800		20400		20800																	
Lead	400	1210		106		40.5		87.1		48.2		36.1		40.7		14.6		77.1		5.49																	
Magnesium	NLE	2940		2250		2390		2100		3170		2560		2220		1460		1650		1490																	
Manganese	NLE	61.7		61.1		79.4		48.8		71.2		61.1		57.8		60.8		110		81.3																	
Mercury	14	0.475		0.565		1.12		0.314		0.102		0.416		0.274		0.347		0.355		0.254																	
Nickel	250	10.2		7.39		9.23		8.53		8.57		8.12		6.94		6.27		6.890		10.3																	
Potassium	NLE	5810		4710		4460		4630		6890		5340		3340		3050		3260		3470																	
Selenium	63	0.667		ND		1.19		ND		0.643		0.687		0.614		ND		0.795		ND																	
Silver	110	ND		2.83		24.2		ND		ND		2.80		ND		ND		2.32		ND																	
Sodium	NLE	131		156		157		155		236		161		207		128		110		122																	
Thallium	2	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND																	
Vanadium	370	59.3		43.8		52.2		79.3		81.8		47.1		42.1		46.5		38.5		52.4																	
Zinc	1500	1280		135		153		187		51.6		65.0		53.5		27.8		87.3		28.0																	

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-8 Landfill Site
November 1998 - June 1999
Fort Monmouth, New Jersey

Lab Sample ID	NJDEP	4474.14	4474.15	4474.16	4474.17	4474.18	4474.19	4474.20	4474.21	4474.22	4474.23	4474.24	4474.25	4481.02	4481.03	4481.04	4481.05	4481.06	4481.07	4481.08	4481.09
Field Sample Location	Cleanup	B190 (6-12")	B190 (24")	B191 (6-12")	B191 (24")	B192 (6-12")	B192 (24")	B193 (6-12")	B193 (24")	B194 (6-12")	B194 (24")	B195 (6-12")	B195 (24")	B196 (6-12")	B196 (24")	B197 (6-12")	B197 (24")	B198 (6-12")	B198 (24")	B199 (6-12")	B199 (24")
Sample Date	Criteria (mg/kg)	5/11/1999	5/11/1999	5/11/1999	5/11/1999	5/11/1999	5/11/1999	5/11/1999	5/11/1999	5/11/1999	5/11/1999	5/11/1999	5/11/1999	5/13/1999	5/13/1999	5/13/1999	5/13/1999	5/13/1999	5/13/1999	5/13/1999	5/13/1999
Volatiles (mg/kg)																					
Methyl-tert-Butyl ether	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Acetone	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Carbon Disulfide	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Methylene Chloride	49		0.95		ND		ND		ND		ND		ND		1.6		ND		ND		ND
2-Butonone	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Benzene	3		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
2-Chloroethyl vinyl ether	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Toluene	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Chlorobenzene	37		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Tetrachloroethene	4		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Ethylbenzene	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
m+p-Xylenes	410		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Semi-Volatiles (mg/kg)																					
Aniline	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
1,4-Dichlorobenzene	570	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzyl Alcohol	10000	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4-Methylphenol	2800	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Nitrobenzene	28	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2,4-Dimethylphenol	1100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzoic Acid	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Naphthalene	230	ND		ND		ND		ND		ND		ND		ND		ND		ND		0.21 J	
4-Chloroaniline	230	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2-Methylnaphthalene	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthylene	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthene	3400	ND		ND		ND		ND		ND		ND		ND		ND		ND		0.76 J	
Dibenzofuran	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		0.22 J	
Diethylphthalate	10000	ND		ND		ND		ND		0.095 J		ND		ND		ND		ND		ND	
Fluorene	2300	ND		ND		ND		ND		ND		ND		ND		ND		ND		0.55 J	
Azobenzene	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Hexachlorobenzene	0.66	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Phenanthrene	NLE	ND		0.24 J		ND		ND		ND		ND		ND		ND		0.19 J		5.9	
Anthracene	10000	ND		ND		ND		ND		ND		ND		ND		ND		ND		1.4	
Di-n-butylphthalate	5700	0.39 J		0.45 J		0.61 J		0.90 J		0.61 J		0.55 J		0.24 J		ND		0.10 J		0.16 J	
Fluoranthene	2300	0.19 J		0.34 J		ND		ND		ND		ND		ND		ND		0.27 J		9.3	
Benzidine	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Pyrene	1700	0.18 J		0.35 J		ND		ND		ND		ND		ND		ND		0.23 J		7.3	
Butylbenzylphthalate	1100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzo[a]anthracene	0.9	0.11 J		0.18 J		ND		ND		ND		ND		ND		ND		0.13 J		3.9	
3,3'-Dichlorobenzidine	2	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Chrysene	9	0.22 J		0.37 J		ND		ND		ND		ND		ND		ND		0.25 J		6.9	
bis(2-Ethylhexyl)phthalate	49	0.12 J		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Di-n-octylphthalate	1100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzo[b]fluoranthene	0.9	0.12 J		0.15 J		ND		ND		ND		ND		ND		ND		0.12 J		3.9	
Benzo[k]fluoranthene	0.9	ND		0.15 J		ND		ND		ND		ND		ND		ND		0.10 J		2.2	
Benzo[a]pyrene	0.66	0.14 J		0.17 J		ND		ND		ND		ND		ND		ND		0.11 J		3.9	
Indeno[1,2,3-cd]pyrene	0.9	0.13 J		ND		ND		ND		ND		ND		ND		ND		ND		2.1	
Dibenz[a,h]anthracene	0.66	ND		ND		ND		ND		ND		ND		ND		ND		ND		1.2	
Benzo[g,h,I]perylene	NLE	0.16 J		ND		ND		ND		ND		ND		ND		ND		ND		1.9	
Pesticides/PCBs (mg/kg)																					
gamma-BHC	0.52	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Heptachlor	0.15	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Heptachlor Epoxide	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDE	2	0.173		0.200		0.023		ND		ND		ND		0.019		ND		0.088		0.128	
Dieldrin	0.042	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Endrin	17	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDD	3	0.208		0.228		0.055		ND		ND		ND		0.021		ND		0.066		0.094	
4,4'-DDT	2	0.186		0.185		0.272		ND		ND		ND		0.056		ND		0.129		0.047	
gamma-Chlordane	NLE	0.028		0.023		ND		ND		ND		ND		ND		ND		0.014		ND	
alpha-Chlordane	NLE	0.024		0.022		ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1016	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1242	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1260	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Metals (mg/kg)																					
Aluminum	NLE	10300		9870		10100		9160		8210		14900		6890		10700		22200		8390	
Antimony	14	1.89		1.41		1.16		0.462		0.561		0.794		1.23		1.08		0.553		0.867	
Arsenic	20	8.19		7.76		9.50		5.49		4.87		7.61		6.18		6.06		25.6		4.61	
Barium	700	53.8		43.8		34.0		16.5		12.1		29.8		86.1		23.9		49.6		40.8	
Beryllium	2	0.817		0.754		0.806		0.511		0.533		0.801		0.541		0.802		1.91		0.733	
Cadmium	39	0.798		0.606		1.57		0.36		0.382		0.405		1.14		0.592		2.33		1.34	
Calcium	NLE	2550		3230		1470		210		493		893		2590		1840		923		2920	
Chromium	NLE	84.0		93.5		78.3		47.7		51.6		70.9		52.7		86.0		132		76.0	
Cobalt	NLE	2.79		3.15		2.51		1.87		2.66		3.92		2.75		1.34		4.01		2.27	
Copper	600	22.4		66.4		24.7		10.9		5.20		7.97		21.2		10.9		19.3		16.7	
Iron	NLE	23000		23700		26800		18900		19800		28900		18100		22700		121000		19400	
Lead	400	77.0		51.0		47.5		8.31		4.88		7.71		107		8.16		22.3		153	
Magnesium	NLE	2250		2530		2630		1300		1320		2150		1650		2960		2640		2270	
Manganese	NLE	59.6		68.1		69.1		35.1		108		147		59.1		31.4		105		48.3	
Mercury	14	0.392		0.35		0.297		0.192		0.293		0.219		1.75		16.6		216		4.84	
Nickel	250	11.5		9.81		7.57		5.24		4.34		8.73		9.29		5.07		19.7		7.46	
Potassium	NLE	4460		4210		5030		2720		3190		4270		2950		4960		4830		4130	
Selenium	63	1.33		0.68		1.12		0.978		1.07		0.925		1.16		1.07		3.17		1.10	
Silver	110	1.74		1.52		ND		ND		ND		ND		ND		ND		ND		ND	
Sodium	NLE	237		251		139		79		104		168		137		128		165		155	
Thallium	2	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Vanadium	370	54		49.3		54.4		46.4		49.0		63.9		38.8		41.9		222		40.5	
Zinc	1500	99.5		65.5		76.8		15.9		17.1		31.1		167		34.3		133		172	

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-8 Landfill Site
November 1998 - June 1999
Fort Monmouth, New Jersey

Lab Sample ID	NJDEP	4481.10	4481.11	4481.14	4481.15	4481.16	4481.17	4481.18	4481.19	4481.20	4481.21	4481.22	4481.23	4481.24	4481.25	4481.26	4481.27	4484.02	4484.03	4484.04	4484.05
Field Sample Location	Cleanup	B200 (6-12")	B200 (24")	B201 (6-12")	B201 (24")	B202 (6-12")	B202 (24")	B203 (6-12")	B203 (24")	B204 (6-12")	B204 (24")	B205 (6-12")	B205 (24")	B206 (6-12")	B206 (24")	B207 (6-12")	B207 (24")	B208 (6-12")	B208 (24")	B209 (6-12")	B209 (24")
Sample Date	Criteria (mg/kg)	5/13/1999	5/13/1999	5/13/1999	5/13/1999	5/13/1999	5/13/1999	5/13/1999	5/13/1999	5/13/1999	5/13/1999	5/13/1999	5/13/1999	5/13/1999	5/13/1999	5/13/1999	5/13/1999	5/14/1999	5/14/1999	5/14/1999	5/14/1999
Volatiles (mg/kg)																					
Methyl-tert-Butyl ether	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Acetone	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Carbon Disulfide	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Methylene Chloride	49		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
2-Butonone	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Benzene	3		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
2-Chloroethyl vinyl ether	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Toluene	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Chlorobenzene	37		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Tetrachloroethene	4		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Ethylbenzene	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
m+p-Xylenes	410		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Semi-Volatiles (mg/kg)																					
Aniline	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
1,4-Dichlorobenzene	570	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzyl Alcohol	10000	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4-Methylphenol	2800	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Nitrobenzene	28	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2,4-Dimethylphenol	1100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzoic Acid	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Naphthalene	230	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4-Chloroaniline	230	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2-Methylnaphthalene	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthylene	NLE	ND		ND		ND		ND		ND		ND		ND		ND		0.27 J		ND	
Acenaphthene	3400	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Dibenzofuran	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Diethylphthalate	10000	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Fluorene	2300	ND		ND		ND		ND		ND		ND		ND		ND		0.13 J		ND	
Azobenzene	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Hexachlorobenzene	0.66	ND		ND		ND		ND		2.0		ND		ND		ND		ND		ND	
Phenanthrene	NLE	ND		ND		0.36 J		0.77 J		0.52 J		0.21 J		ND		0.49 J		1.2 J		0.12 J	
Anthracene	10000	ND		ND		ND		0.19 J		0.12 J		ND		ND		0.13 J		0.48 J		ND	
Di-n-butylphthalate	5700	0.26 J		0.17 J		0.63 J		0.18 J		0.43 J		0.12 J		0.39 J		0.37 J		0.34 J		0.23 J	
Fluoranthene	2300	ND		0.32 J		0.53 J		1.5		0.80 J		0.45 J		0.12 J		1.2		3.0		0.32 J	
Benzidine	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Pyrene	1700	ND		0.27 J		0.43 J		1.2		0.72 J		0.39 J		0.13 J		1. J		2.3		0.34 J	
Butylbenzylphthalate	1100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzo[a]anthracene	0.9	ND		0.19 J		0.24 J		0.68 J		0.41 J		0.23 J		ND		0.49 J		1.4		0.20 J	
3,3'-Dichlorobenzidine	2	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Chrysene	9	ND		0.35 J		0.43 J		1.3		0.75 J		0.46 J		ND		0.94 J		2.2		0.40 J	
bis(2-Ethylhexyl)phthalate	49	ND		ND		ND		ND		0.12 J		ND		0.18 J		ND		0.12 J		ND	
Di-n-octylphthalate	1100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzo[b]fluoranthene	0.9	ND		0.22 J		0.19 J		0.50 J		0.36 J		0.24 J		ND		0.42 J		1.6		0.32 J	
Benzo[k]fluoranthene	0.9	ND		0.15 J		0.19 J		0.51 J		0.33 J		0.20 J		ND		0.43 J		1.2		0.31 J	
Benzo[a]pyrene	0.66	ND		0.20 J		0.20 J		0.58 J		0.41 J		0.23 J		ND		0.45 J		1.5		0.33 J	
Indeno[1,2,3-cd]pyrene	0.9	ND		0.12 J		0.14 J		0.41 J		0.18 J		0.17 J		ND		0.26 J		0.65 J		ND	
Dibenz[a,h]anthracene	0.66	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzo[g,h,I]perylene	NLE	ND		ND		0.14 J		0.43 J		0.18 J		0.19 J		ND		0.27 J		0.59 J		ND	
Pesticides/PCBs (mg/kg)																					
gamma-BHC	0.52	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Heptachlor	0.15	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Heptachlor Epoxide	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDE	2	2.108		0.035		0.459		0.066		0.143		0.049		0.033		0.070		0.028		0.037	
Dieldrin	0.042	ND		ND		ND		ND		ND		ND		ND		ND		0.012		0.021	
Endrin	17	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDD	3	2.548		0.053		0.316		0.134		0.399		0.130		0.082		0.184		0.035		0.050	
4,4'-DDT	2	3.771		0.119		0.188		0.033		0.326		0.088		ND		0.028		0.037		0.067	
gamma-Chlordane	NLE	0.036		ND		0.015		ND		0.072		0.022		ND		0.021		ND		0.015	
alpha-Chlordane	NLE	ND		0.011		0.014		ND		0.064		0.018		ND		ND		ND		0.013	
Arochlor 1016	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1242	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1260	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Metals (mg/kg)																					
Aluminum	NLE	11500		10400		14100		10900		19400		14100		5720		13500		9700		6940	
Antimony	14	2.21		1.64		0.741		1.25		0.967		1.64		ND		1.10		0.892		2.07	
Arsenic	20	3.55		8.68		6.78		6.08		6.65		11.6		3.76		10.3		7.01		6.48	
Barium	700	47.3		35.0		82.6		35.6		116		53.2		33.7		52.8		29.0		27.5	
Beryllium	2	2.64		0.774		0.878		1.25		1.48		1.25		0.672		1.04		0.751		0.663	
Cadmium	39	26.6		1.98		0.873		0.719		2.41		1.91		2.31		3.64		0.625		0.567	
Calcium	NLE	2980		1540		1480		352		4340		2660		7480		4670		2760		1540	
Chromium	NLE	33.0		79.5		77.2		101		109		106		56.8		67.7		68.9		59.9	
Cobalt	NLE	4.25		2.28		2.13		1.24		4.20		4.74		1.40		5.82		2.19		1.61	
Copper	600	45.0		15.5		4.87		120		11.3		41.2		40.4		19.1		14.5		11.7	
Iron	NLE	9340		28000		21200		24700		26000		35000		24500		33400		24300		20800	
Lead	400	42.0		54.4		15.8		28.5		26.3		66		75.3		280		40.6		49.8	
Magnesium	NLE	1820		2110		2150		3070		2950		3700		1250		2970		2910		1970	
Manganese	NLE	41.5		48.8		24.8		16.4		312		84.9		31.6		105		64.0		28.0	
Mercury	14	0.526		0.938		1.68		0.381		0.587		1.47		0.297		0.225		0.069		0.069	
Nickel	250	19.0		10.2		7.01		5.55		12.4		12.6		5.03		16.0		6.12		5.73	
Potassium	NLE	1730		4430		3770		6700		4200		7720		2090		5120		5590		4430	
Selenium	63	ND		ND		1.04		1.17		0.848		1.17		0.75		1.05		1.24		1.26	
Silver	110	ND		ND		0.864		ND		ND		ND		ND		0.79		ND		ND	
Sodium	NLE	123		129		160		120		230		374		313		349		224		222	
Thallium	2	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Vanadium	370	25.3		68.2		47.0		48.2		60.3		60.8		23.5		43.3		42.1		38.1	
Zinc	1500	332		123		70.7		43.8		167		105		138		374		101		87.4	

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-8 Landfill Site
November 1998 - June 1999
Fort Monmouth, New Jersey

Lab Sample ID	NJDEP	4484.06		4484.07		4484.08		4484.09		4484.10		4484.11		4490.02		4490.03		4490.04		4490.05		4490.06		4490.07		4490.08		4490.09		4490.10		4490.11		4490.14		4490.15		4490.16		4490.17	
Field Sample Location	Cleanup	B210 (6-12")		B210 (24")		B211 (6-12")		B211 (24")		B212 (6-12")		B212 (24")		B213 (6-12")		B213 (24")		B214 (6-12")		B214 (24")		B215 (6-12")		B215 (24")		B216 (6-12")		B216 (24")		B217 (6-12")		B217 (24")		B218 (6-12")		B218 (24")		B219 (6-12")		B219 (24")	
Sample Date	Criteria (mg/kg)	5/14/1999		5/14/1999		5/14/1999		5/14/1999		5/14/1999		5/14/1999		5/17/1999		5/17/1999		5/17/1999		5/17/1999		5/17/1999		5/17/1999		5/17/1999		5/17/1999		5/17/1999		5/17/1999		5/17/1999		5/17/1999		5/17/1999	
Volatiles (mg/kg)																																							
Methyl-tert-Butyl ether	NLE			ND				ND				ND				ND				ND				ND				ND				ND				ND			
Acetone	1000			ND				ND				ND				ND				ND				ND				ND				ND				ND			
Carbon Disulfide	NLE			ND				ND				ND				ND				ND				ND				ND				ND				ND			
Methylene Chloride	49			ND				ND				ND				ND				ND				ND				ND				ND				ND			
2-Butonone	1000			ND				ND				ND				ND				ND				ND				ND				ND				ND			
Benzene	3			ND				ND				ND				ND				ND				ND				ND				ND				ND			
2-Chloroethyl vinyl ether	NLE			ND				ND				ND				ND				ND				ND				ND				ND				ND			
Toluene	1000			ND				ND				ND				ND				ND				ND				ND				ND				ND			
Chlorobenzene	37			ND				ND				ND				ND				ND				ND				ND				ND				ND			
Tetrachloroethene	4			ND				ND				ND				ND				ND				ND				ND				ND				ND			
Ethylbenzene	1000			ND				ND				ND				ND				ND				ND				ND				ND				ND			
m+p-Xylenes	410			ND				ND				ND				ND				ND				ND				ND				ND				ND			
Semi-Volatiles (mg/kg)																																							
Aniline	NLE	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
1,4-Dichlorobenzene	570	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
Benzyl Alcohol	10000	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
4-Methylphenol	2800	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
Nitrobenzene	28	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
2,4-Dimethylphenol	1100	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
Benzoic Acid	NLE	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
Naphthalene	230	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
4-Chloroaniline	230	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
2-Methylnaphthalene	NLE	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
Acenaphthylene	NLE	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
Acenaphthene	3400	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
Dibenzofuran	NLE	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
Diethylphthalate	10000	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
Fluorene	2300	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
Azobenzene	NLE	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
Hexachlorobenzene	0.66	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
Phenanthrene	NLE	ND				0.17 J				0.49 J				0.14 J				ND				ND				ND				0.12 J				ND				0.40 J			
Anthracene	10000	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
Di-n-butylphthalate	5700	0.11 J				0.14 J				0.15 J				0.15 J				ND				0.15 J				0.15 J				0.57 J				0.29 J				0.90 J			
Fluoranthene	2300	ND				0.47 J				0.46 J				0.27 J				ND				0.017 J				0.12 J				0.28 J				ND				0.54 J			
Benzidine	NLE	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
Pyrene	1700	ND				0.43 J				0.44 J				0.25 J				ND				0.19 J				0.12 J				0.28 J				ND				0.65 J			
Butylbenzylphthalate	1100	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
Benzo[a]anthracene	0.9	ND				0.25 J				0.20 J				0.14 J				ND				0.11 J				ND				0.18 J				ND				0.32 J			
3,3'-Dichlorobenzidine	2	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
Chrysene	9	ND				0.51 J				0.40 J				0.31 J				ND				0.25 J				ND				0.40 J				ND				0.73 J			
bis(2-Ethylhexyl)phthalate	49	ND				0.11 J				0.12 J				0.21 J				ND				0.14 J				0.13 J				0.16 J				ND				0.12 J			
Di-n-octylphthalate	1100	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
Benzo[b]fluoranthene	0.9	ND				0.32 J				0.15 J				0.14 J				ND				ND				0.11 J				0.26 J				ND				0.29 J			
Benzo[k]fluoranthene	0.9	ND				0.29 J				0.13 J				0.12 J				ND				ND				ND				0.17 J				ND				0.22 J			
Benzo[a]pyrene	0.66	ND				0.30 J				0.16 J				ND				ND				ND				ND				0.21 J				ND				0.28 J			
Indeno[1,2,3-cd]pyrene	0.9	ND				ND				ND				ND				ND				ND				ND				ND				ND				0.24 J			
Dibenz[a,h]anthracene	0.66	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
Benzo[g,h,I]perylene	NLE	ND				ND				ND				ND				ND				ND				ND				ND				ND				0.28 J			
Pesticides/PCBs (mg/kg)																																								
gamma-BHC	0.52	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
Heptachlor	0.15	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
Heptachlor Epoxide	NLE	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
4,4'-DDE	2	ND				0.055				0.018				0.087				0.070				0.058				0.091				0.175				ND				0.138			
Dieldrin	0.042	ND				ND				ND				ND				ND				ND				ND				0.037				ND				ND			
Endrin	17	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
4,4'-DDD	3	ND				0.078				0.037				0.130				0.132				0.047				0.023				0.344				ND				0.096			
4,4'-DDT	2	ND				0.237				ND				0.054				0.235				0.306				0.049				0.493				ND				0.232			
gamma-Chlordane	NLE	ND				0.014				ND				0.069				0.037				ND				ND				0.038				ND				ND			
alpha-Chlordane	NLE	ND				0.012				ND				0.063				0.034				ND				ND				0.029				ND				ND			
Arochlor 1016	0.49	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
Arochlor 1242	0.49	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
Arochlor 1260	0.49	ND				ND				ND				ND				3.268				ND				ND				ND				ND				ND			
Metals (mg/kg)																																								
Aluminum	NLE	11700				5310				9390				6990				11400				4710				7750				11200				7980				10000			
Antimony	14	0.740				ND				ND				0.952				63.9				0.856				0.894				2.27				0.399				0.778			
Arsenic	20	17.7				7.21				7.54				7.99				6.25				3.43				6.51				8.43				3.31				6.38			
Barium	700	37.6				66.7				34.9				54.2				70.3				16.5				20.3				93.0				14.5				50.4			
Beryllium	2	0.916				0.557				0.51				0.694				0.753				0.389				0.624				0.916				0.378				0.773			
Cadmium	39	0.800				0.886				0.512				0.327				0.765				0.261				0.854				1.38				0.305				0.533			
Calcium	NLE	432				1480				1640				424				5430				517				2010				2620				2430				1080			
Chromium	NLE	84.2				45.8				41.9				73.1				73.5				31.8				56.6				96.0				45.7				80.7			
Cobalt	NLE	1.52				1.89				1.99				1.38				2.96				1.41				2.80				2.83				4.80				2.73			
Copper	600	12.0				29.7				13.9				21.6				14.4				17.5				30.1				32.5				50				13.9			
Iron	NLE	30700				17100				17200				21700				23300				12000				18500				29000				16300				20800			
Lead	400	11.3				105				53.1				53.0				179				83.3				38.7				312				24.7				38.2			
Magnesium	NLE	3070				1000				1140				2140				2600				1260				2160				3540				3010				2080			
Manganese	NLE	28.0				33.8				109				14.7				61.0				33.0				67.1				68.7				79.5				51.2			
Mercury	14	ND				0.445				0.108				0.96				0.583				0.216				1.521				0.709				0.211				2.36			
Nickel	250	5.34				5.95				5.26				4.50				9.42				4.22				8.56				8.74				11.2				7.32			
Potassium	NLE	6230				1820				1860				5030				4880				2600				3660				6790				2620				4410			
Selenium	63	1.46				0.795				1.18				1.55				0.924				ND				1.02				1.42				0.618				1.17			
Silver	110	ND				0.715				ND				ND				ND				ND				ND				ND				ND				11.1			
Sodium	NLE	186				141				226				159				334				156				219				263				347				186			
Thallium	2	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
Vanadium	370	48.3				26.9				20.5				37.5				47.7				25.5				40				56.6				62.5				47.6			
Zinc	1500	49.3				128				99.4				40.1				270				41.5				74.8				133				36.8				73.3			

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-8 Landfill Site
November 1998 - June 1999
Fort Monmouth, New Jersey

Lab Sample ID	NJDEP	4490.18	4490.19	4490.20	4490.21	4490.22	4490.23	4490.24	4490.25	4490.26	4490.27	4533.02	4533.03	4533.04	4533.05	4533.06	4533.07	4533.08	4533.09	4533.10	4533.11
Field Sample Location	Cleanup	B220 (6-12")	B220 (24")	B221 (6-12")	B221 (24")	B222 (6-12")	B222 (24")	B223 (6-12")	B223 (24")	B224 (6-12")	B224 (24")	B225 (6-12")	B225 (24")	B226 (6-12")	B226 (24")	B227 (6-12")	B227 (24")	B228 (6-12")	B228 (24")	B229 (6-12")	B229 (24")
Sample Date	Criteria (mg/kg)	5/17/1999	5/17/1999	5/17/1999	5/17/1999	5/17/1999	5/17/1999	5/17/1999	5/17/1999	5/17/1999	5/17/1999	6/3/1999	6/3/1999	6/3/1999	6/3/1999	6/3/1999	6/3/1999	6/3/1999	6/3/1999	6/3/1999	6/3/1999
Volatiles (mg/kg)																					
Methyl-tert-Butyl ether	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Acetone	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Carbon Disulfide	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Methylene Chloride	49		ND		ND		ND		ND		0.46 J		ND		ND		ND		ND		ND
2-Butonone	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Benzene	3		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
2-Chloroethyl vinyl ether	NLE		4.8		ND		ND		ND		ND		ND		ND		ND		ND		ND
Toluene	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Chlorobenzene	37		ND		ND		ND		ND		ND		ND		ND		ND		0.69		ND
Tetrachloroethene	4		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Ethylbenzene	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
m+p-Xylenes	410		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Semi-Volatiles (mg/kg)																					
Aniline	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
1,4-Dichlorobenzene	570	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzyl Alcohol	10000	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4-Methylphenol	2800	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Nitrobenzene	28	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2,4-Dimethylphenol	1100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzoic Acid	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Naphthalene	230	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4-Chloroaniline	230	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2-Methylnaphthalene	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthylene	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthene	3400	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Dibenzofuran	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Diethylphthalate	10000	ND		ND		ND		ND		ND		ND		ND		ND		0.19 J		ND	
Fluorene	2300	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Azobenzene	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Hexachlorobenzene	0.66	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Phenanthrene	NLE	ND		ND		0.12 J		ND		0.21 J		ND		0.17 J		ND		ND		ND	
Anthracene	10000	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Di-n-butylphthalate	5700	ND		0.96 J		1.6		ND		13.0		0.18 J		0.42 J		0.51 J		0.96 J		0.22 J	
Fluoranthene	2300	ND		0.21 J		0.15 J		ND		0.54 J		0.13 J		0.36 J		ND		ND		ND	
Benzidine	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Pyrene	1700	ND		0.23 J		0.20 J		ND		0.50 J		0.11 J		0.31 J		ND		ND		ND	
Butylbenzylphthalate	1100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzo[a]anthracene	0.9	ND		0.14 J		ND		ND		0.28 J		ND		0.17 J		ND		ND		ND	
3,3'-Dichlorobenzidine	2	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Chrysene	9	ND		0.25 J		0.21 J		ND		0.57 J		0.13 J		0.37 J		ND		ND		ND	
bis(2-Ethylhexyl)phthalate	49	ND		0.76 J		0.19 J		ND		0.14 J		ND		0.14 J		0.12 J		0.14 J		ND	
Di-n-octylphthalate	1100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzo[b]fluoranthene	0.9	ND		ND		ND		ND		0.31 J		ND		0.20 J		ND		ND		ND	
Benzo[k]fluoranthene	0.9	ND		ND		ND		ND		0.19 J		ND		0.16 J		ND		ND		ND	
Benzo[a]pyrene	0.66	ND		ND		ND		ND		0.26 J		ND		0.16 J		ND		ND		ND	
Indeno[1,2,3-cd]pyrene	0.9	ND		ND		ND		ND		ND		ND		0.14 J		ND		ND		ND	
Dibenz[a,h]anthracene	0.66	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzo[g,h,i]perylene	NLE	ND		ND		ND		ND		ND		ND		0.15 J		ND		ND		ND	
Pesticides/PCBs (mg/kg)																					
gamma-BHC	0.52	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Heptachlor	0.15	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Heptachlor Epoxide	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDE	2	0.475		0.246		0.065		0.208		0.075		ND		0.023		0.020		0.027		0.024	
Dieldrin	0.042	0.029		0.037		ND		0.031		ND		ND		ND		ND		ND		ND	
Endrin	17	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDD	3	9.331		0.464		0.201		3.632		0.176		ND		0.031		0.020		ND		0.016	
4,4'-DDT	2	0.492		0.354		0.074		0.327		0.089		ND		ND		0.032		ND		0.032	
gamma-Chlordane	NLE	0.066		0.043		ND		0.314		0.024		ND		ND		ND		ND		ND	
alpha-Chlordane	NLE	0.052		0.049		ND		0.241		0.015		ND		ND		ND		ND		ND	
Arochlor 1016	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1242	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1260	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Metals (mg/kg)																					
Aluminum	NLE	8180		7640		6220		6760		7340		5090		10300		4370		5910		7070	
Antimony	14	5.68		3.59		0.931		0.938		2.90		0.655		0.848		ND		1.30		0.959	
Arsenic	20	5.20		5.27		6.04		6.42		6.96		9.84		13.4		5.84		9.57		7.27	
Barium	700	569		103		16.9		40.9		27.5		45.4		50.4		26.0		31.9		26.6	
Beryllium	2	0.807		0.489		0.666		0.622		0.665		0.539		1.04		0.531		0.849		0.937	
Cadmium	39	4.25		1.10		0.442		1.04		0.407		1.37		1.55		0.643		2.20		0.789	
Calcium	NLE	15700		3890		319		1190		787		371		370		754		448		660	
Chromium	NLE	44.3		41.6		78.0		62.9		69.7		80.9		127		49.3		61.0		96.4	
Cobalt	NLE	4.72		2.74		0.751		2.22		1.05		0.902		1.55		0.886		3.72		0.859	
Copper	600	30.0		19.7		31.1		38.6		24.6		10.5		30.4		3.16		5.01		2.02	
Iron	NLE	15000		16700		20700		17400		21300		28000		35500		14800		14700		23200	
Lead	400	5050		786		25.9		59.3		42.7		25.1		82.3		4.38		13.8		18.3	
Magnesium	NLE	2100		1630		2260		1390		2010		1650		3370		1130		1700		2910	
Manganese	NLE	83.3		60.3		12.0		47.1		18.7		11.2		25.9		9.64		18.4		15.0	
Mercury	14	0.51		0.56		0.232		0.339		0.362		0.071		0.197		0.05		1.027		0.09	
Nickel	250	13.3		7.57		3.09		7.98		4.30		4.04		6.88		4.31		9.40		4.34	
Potassium	NLE	2070		2480		5670		2580		4600		4730		8230		2910		3910		7040	
Selenium	63	1.31		1.12		1.15		0.813		1.52		2.84		2.31		1.34		1.08		1.12	
Silver	110	ND		ND		0.58		3.04		ND		0.662		2.28		ND		ND		ND	
Sodium	NLE	184		113		238		106		165		108		326		108		81.9		113	
Thallium	2	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Vanadium	370	32.1		29.9		33.9		41.4		34.6		39.4		58.2		28.5		34.0		45.5	
Zinc	1500	1190		530		34.5		62.9		42.9		49.2		66.3		41.4		201		40.3	

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-8 Landfill Site
November 1998 - June 1999
Fort Monmouth, New Jersey

Lab Sample ID	NJDEP	4533.14		4533.15		4533.16		4533.17		4533.18		4533.19		4533.20		4533.21		4533.22		4533.23		4533.24		4533.25		4533.26		4533.27		4533.28		4533.29		4533.30		4533.31		4533.32		4533.33	
Field Sample Location	Cleanup	B230 (6-12")		B230 (24")		B231 (6-12")		B231 (24")		B232 (6-12")		B232 (24")		B233 (6-12")		B233 (24")		B234 (6-12")		B234 (24")		B235 (6-12")		B235 (24")		B236 (6-12")		B236 (24")		B237 (6-12")		B237 (24")		B238 (6-12")		B238 (24")		B239 (6-12")		B239 (24")	
Sample Date	Criteria (mg/kg)	6/3/1999		6/3/1999		6/3/1999		6/3/1999		6/3/1999		6/3/1999		6/3/1999		6/3/1999		6/3/1999		6/3/1999		6/3/1999		6/3/1999		6/3/1999		6/3/1999		6/3/1999		6/3/1999		6/3/1999		6/3/1999		6/3/1999	
Volatiles (mg/kg)																																							
Methyl-tert-Butyl ether	NLE			ND				ND				ND				ND				ND				ND				ND				ND				ND			
Acetone	1000			ND				ND				ND				ND				ND				ND				ND				ND				ND			
Carbon Disulfide	NLE			ND				ND				ND				ND				ND				ND				ND				ND				ND			
Methylene Chloride	49			ND				ND				ND				ND				ND				ND				ND				ND				ND			
2-Butonone	1000			ND				ND				ND				ND				ND				ND				ND				ND				ND			
Benzene	3			ND				ND				ND				ND				ND				ND				ND				ND				ND			
2-Chloroethyl vinyl ether	NLE			ND				ND				ND				ND				ND				ND				ND				ND				ND			
Toluene	1000			ND				ND				ND				ND				ND				ND				ND				ND				ND			
Chlorobenzene	37			ND				ND				ND				ND				ND				ND				ND				ND				ND			
Tetrachloroethene	4			ND				ND				ND				ND				ND				ND				ND				ND				ND			
Ethylbenzene	1000			ND				ND				ND				ND				ND				ND				ND				ND				ND			
m+p-Xylenes	410			ND				ND				ND				ND				ND				ND				ND				ND				ND			
Semi-Volatiles (mg/kg)																																							
Aniline	NLE	ND				ND				ND				ND				ND				ND				ND				ND				ND							
1,4-Dichlorobenzene	570	ND				ND				ND				ND				ND				ND				ND				ND				ND							
Benzyl Alcohol	10000	ND				ND				ND				ND				ND				ND				ND				ND				ND							
4-Methylphenol	2800	ND				ND				ND				ND				ND				ND				ND				ND				ND							
Nitrobenzene	28	ND				ND				ND				ND				ND				ND				ND				ND				ND							
2,4-Dimethylphenol	1100	ND				ND				ND				ND				ND				ND				ND				ND				ND							
Benzoic Acid	NLE	ND				ND				ND				ND				ND				ND				ND				ND				ND							
Naphthalene	230	ND				ND				ND				ND				ND				ND				ND				ND				ND							
4-Chloroaniline	230	ND				ND				ND				ND				ND				ND				ND				ND				ND							
2-Methylnaphthalene	NLE	ND				ND				ND				ND				ND				ND				ND				ND				ND							
Acenaphthylene	NLE	ND				ND				ND				ND				ND				ND				ND				ND				ND							
Acenaphthene	3400	ND				ND				ND				ND				ND				ND				ND				ND				ND							
Dibenzofuran	NLE	ND				ND				ND				ND				ND				ND				ND				ND				ND							
Diethylphthalate	10000	ND				ND				ND				0.38 J				ND				ND				ND				ND				ND							
Fluorene	2300	ND				ND				ND				ND				ND				ND				ND				ND				ND							
Azobenzene	NLE	ND				ND				ND				ND				ND				ND				ND				ND				ND							
Hexachlorobenzene	0.66	ND				ND				ND				ND				ND				ND				ND				ND				ND							
Phenanthrene	NLE	0.12 J				ND				0.29 J				ND				0.43 J				ND				ND				ND				ND							
Anthracene	10000	ND				ND				ND				ND				0.13 J				ND				ND				ND				ND							
Di-n-butylphthalate	5700	0.51 J				0.93 J				0.15 J				0.77 J				0.86 J				0.69 J				0.34 J				0.23 J				1.1				0.55 J		
Fluoranthene	2300	0.23 J				ND				0.43 J				0.19 J				0.77 J				0.18 J				0.12 J				ND				ND				0.11 J		
Benzidine	NLE	ND				ND				ND				ND				ND				ND				ND				ND				ND							
Pyrene	1700	0.22 J				ND				0.41 J				0.17 J				0.63 J				0.16 J				ND				ND				ND				0.11 J		
Butylbenzylphthalate	1100	ND				ND				ND				ND				ND				ND				ND				ND				ND							
Benzo[a]anthracene	0.9	0.13 J				ND				0.23 J				ND				0.37 J				ND				ND				ND				ND							
3,3'-Dichlorobenzidine	2	ND				ND				ND				ND				ND				ND				ND				ND				ND							
Chrysene	9	0.27 J				ND				0.46 J				0.28 J				0.73 J				0.19 J				0.11 J				ND				ND				0.12 J		
bis(2-Ethylhexyl)phthalate	49	0.16 J				0.15 J				ND				0.16 J				0.17 J				0.12 J				ND				ND				0.11 J				0.14 J		
Di-n-octylphthalate	1100	ND				ND				ND				ND				ND				ND				ND				ND				ND							
Benzo[b]fluoranthene	0.9	0.13 J				ND				0.20 J				ND				0.43 J				ND				ND				ND				ND							
Benzo[k]fluoranthene	0.9	0.13 J				ND				0.18 J				ND				0.34 J				ND				ND				ND				ND							
Benzo[a]pyrene	0.66	0.13 J				ND				0.21 J				ND				0.39 J				ND				ND				ND				ND							
Indeno[1,2,3-cd]pyrene	0.9	ND				ND				0.11 J				ND				0.23 J				ND				ND				ND				ND							
Dibenz[a,h]anthracene	0.66	ND				ND				ND				ND				ND				ND				ND				ND				ND							
Benzo[g,h,I]perylene	NLE	ND				ND				ND				ND				0.22 J				ND				ND				ND				ND							
Pesticides/PCBs (mg/kg)																																							
gamma-BHC	0.52	ND				ND				ND				ND				ND				ND				ND				ND				ND							
Heptachlor	0.15	ND				ND				ND				ND				ND				ND				ND				ND				ND							
Heptachlor Epoxide	NLE	ND				ND				ND				ND				ND				ND				ND				ND				ND							
4,4'-DDE	2	0.104				0.030				0.137				0.016				0.048				0.013				0.012				ND				0.036				0.059		
Dieldrin	0.042	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND		
Endrin	17	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND		
4,4'-DDD	3	0.222				0.041				0.170				0.032				0.081				ND				0.017				0.013				0.028				0.064		
4,4'-DDT	2	0.264				0.117				0.206				0.070				0.177				0.033				0.050				ND				0.048				0.124		
gamma-Chlordane	NLE	ND				ND				ND				ND				0.039				ND				ND				ND				ND				ND		
alpha-Chlordane	NLE	ND				ND				ND				ND				0.031				ND				ND				ND				ND				ND		
Arochlor 1016	0.49	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND		
Arochlor 1242	0.49	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND		
Arochlor 1260	0.49	ND				ND				ND				ND				ND				ND				ND				ND				ND				ND		
Metals (mg/kg)																																							
Aluminum	NLE	9220		7580		5910		11900		10900		3130		7560		20800		4700		9300																					
Antimony	14	1.03		0.512		1.16		1.09		1.10		0.736		0.616		1.46		ND		1.69																					
Arsenic	20	9.70		9.81		8.21		8.9		13.5		7.97		11.2		15.6		7.03		7.62																					
Barium	700	48.1		37.1		33.4		80.6		46.5		11.0		103		104		38.3		38.5																					
Beryllium	2	0.843		0.956		0.635		1.43		1.05		0.400		0.874		2.49		0.752		0.79																					
Cadmium	39	1.31		1.15		1.38		1.73		1.62		1.15		1.74		3.04		0.837		0.828																					
Calcium	NLE	1120		545		250		1110		716		153		952		1450		437		1650																					
Chromium	NLE	99.5		85.5		78.3		152		129		68.4		108		328		63.1		64.8																					
Cobalt	NLE	2.50		1.43		1.06		2.07		2.12		0.669		2.05		2.31		0.823		2.69																					
Copper	600	31.9		3.78		32.5		13.9		24.5		9.02		12.9		99.6		3.33		10.6																					
Iron	NLE	30800		26700		22200		38700		36300		25700		29600		68000		16900		21600																					
Lead	400	78.6		17.2		45.9		18.2		87.8		17.7		19.3		19.2		10.9		53.9																					
Magnesium	NLE	3110		2510		2010		5050		3470		762		2640		10200		1650		2350																					
Manganese	NLE	94.2		21.7		18.7		25.9		31.5		7.11		14.0		22.7		12.4		64.3																					
Mercury	14	0.246		0.044		0.117		0.073		0.215		0.050		0.072		0.051		0.047		0.145																					
Nickel	250	13.5		8.30		5.89		9.41		9.79		3.05		6.61		11.3		4.34		7.24																					
Potassium	NLE	7350		6020		4720		13000		8240		2230		7730		25500		4200		4840																					
Selenium	63	1.63		1.52		1.21		2.31		1.96		2.38		4.76		3.87		1.33		1.01																					
Silver	110	ND		ND		0.978		ND		2.18		ND		ND		0.839		ND		ND																					
Sodium	NLE	324		133		266		153		342		49.8		67.5		112		84.9		72.4																					
Thallium	2	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND																					
Vanadium	370	49.7		44.7		34.0		46.3		76.7		72.3		30.4		98.2		30.2		40.9																					
Zinc	1500	114		53.8		36.2		97.6		62.1		54.8		93.4		128		36.1		80.5																					

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

Table 4-1
Soil Sampling Results
M-8 Landfill Site
November 1998 - June 1999
Fort Monmouth, New Jersey

Lab Sample ID	NJDEP	4533.34		4533.35		4533.36		4533.37		4533.38		4533.39		4533.40		4533.41		4533.42		4533.43		4533.44		4533.45		4533.46		4533.47		4533.48		4533.49		4533.50		4533.51		4533.52		4533.53		4533.54		4533.55	
Field Sample Location	Cleanup	B240 (6-12")		B240 (24")		B241 (6-12")		B241 (24")		B242 (6-12")		B242 (24")		B243 (6-12")		B243 (24")		B244 (6-12")		B244 (24")		B245 (6-12")		B245 (24")		B246 (6-12")		B246 (24")		B247 (6-12")		B247 (24")		B248 (6-12")		B248 (24")		B249 (6-12")		B249 (24")		B250 (6-12")		B250 (24")	
Sample Date	Criteria (mg/kg)	6/3/1999		6/3/1999		6/3/1999		6/3/1999		6/3/1999		6/3/1999		6/3/1999		6/3/1999		6/3/1999		6/3/1999		6/3/1999		6/3/1999		6/3/1999		6/3/1999		6/3/1999		6/3/1999		6/3/1999		6/3/1999		6/3/1999		6/3/1999		6/3/1999		6/3/1999	
Volatiles (mg/kg)																																											
Methyl-tert-Butyl ether	NLE			ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
Acetone	1000			ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
Carbon Disulfide	NLE			ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
Methylene Chloride	49			ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
2-Butonone	1000			ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
Benzene	3			ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
2-Chloroethyl vinyl ether	NLE			ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
Toluene	1000			ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
Chlorobenzene	37			ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
Tetrachloroethene	4			ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
Ethylbenzene	1000			ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
m+p-Xylenes	410			ND				ND				ND				ND				ND				ND				ND				ND				ND				ND			
Semi-Volatiles (mg/kg)																																												
Aniline	NLE	ND				ND				ND				ND				ND				ND				ND				ND				ND		0.30 J				ND			
1,4-Dichlorobenzene	570	ND				ND				ND				ND				ND				ND				ND				ND				ND						ND			
Benzyl Alcohol	10000	ND				ND				ND				ND				ND				ND				ND				ND				ND						ND			
4-Methylphenol	2800	ND				ND				ND				ND				ND				ND				ND				ND				ND						ND			
Nitrobenzene	28	ND				ND				ND				ND				ND				ND				ND				ND				ND						ND			
2,4-Dimethylphenol	1100	ND				ND				ND				ND				ND				ND				ND				ND				ND						ND			
Benzoic Acid	NLE	ND				ND				0.53 J				ND				ND				ND				ND				ND				ND						ND			
Naphthalene	230	ND				ND				ND				ND				ND				ND				ND				ND				ND						ND			
4-Chloroaniline	230	ND				ND				ND				ND				ND				ND				ND				ND				ND						ND			
2-Methylnaphthalene	NLE	ND				ND				ND				ND				ND				ND				ND				ND				ND						ND			
Acenaphthylene	NLE	ND				ND				ND				ND				0.18 J				ND				ND				ND				ND						0.25 J			
Acenaphthene	3400	ND				ND				ND				ND				ND				ND				ND				ND				ND						0.44 J			
Dibenzofuran	NLE	ND				ND				ND				ND				ND				ND				ND				ND				ND						0.13 J			
Diethylphthalate	10000	ND				ND				ND				ND				ND				ND				ND				ND				ND						ND			
Fluorene	2300	ND				ND				ND				ND				ND				ND				ND				ND				ND						0.44 J			
Azobenzene	NLE	ND				ND				ND				ND				ND				ND				ND				ND				ND						ND			
Hexachlorobenzene	0.66	ND				ND				ND				ND				ND				ND				ND				ND				ND						ND			
Phenanthrene	NLE	0.24 J				0.21 J				ND				ND				0.35 J				ND				0.14 J				ND				0.25 J						0.37 J			
Anthracene	10000	ND				ND				ND				ND				0.27 J				ND				ND				ND				ND						ND			
Di-n-butylphthalate	5700	0.70 J				0.80 J				0.16 J				0.21 J				0.19 J				0.33 J				0.44 J				0.38 J				1.0 J						0.69 J			
Fluoranthene	2300	0.31 J				0.36 J				0.11 J				ND				0.81 J				0.23 J				0.29 J				ND				0.74 J						0.70 J			
Benzidine	NLE	ND				ND				ND				ND				ND				ND				ND				ND				ND						ND			
Pyrene	1700	0.31 J				0.28 J				ND				ND				0.68 J				0.20 J				0.26 J				ND				0.59 J						0.69 J			
Butylbenzylphthalate	1100	ND				ND				ND				ND				ND				ND				ND				ND				ND						ND			
Benzo[a]anthracene	0.9	0.17 J				0.16 J				ND				ND				0.69 J				0.12 J				0.15 J				ND				0.37 J						0.34 J			
3,3'-Dichlorobenzidine	2	ND				ND				ND				ND				ND				ND				ND				ND				ND						ND			
Chrysene	9	0.40 J				0.34 J				0.10 J				ND				1.7 J				0.25 J				0.37 J				ND				0.60 J						0.50 J			
bis(2-Ethylhexyl)phthalate	49	0.17 J				0.15 J				ND				ND				0.17 J				ND				0.40 J				0.15 J				0.12 J						0.12 J			
Di-n-octylphthalate	1100	ND				ND				ND				ND				ND				ND				ND				ND				ND						ND			
Benzo[b]fluoranthene	0.9	0.17 J				0.17 J				ND				ND				0.90 J				0.15 J				0.31 J				ND				0.32 J						0.41 J			
Benzo[k]fluoranthene	0.9	0.16 J				0.16 J				ND				ND				0.65 J				0.12 J				0.28 J				ND				0.28 J						0.33 J			
Benzo[a]pyrene	0.66	0.15 J				0.16 J				ND				ND				0.59 J				0.15 J				0.22 J				ND				0.36 J						0.36 J			
Indeno[1,2,3-cd]pyrene	0.9	0.12 J				0.12 J				ND				ND				0.39 J				0.12 J				0.14 J				ND				0.23 J						0.15 J			
Dibenz[a,h]anthracene	0.66	ND				ND				ND				ND				0.15 J				ND				ND				ND				ND						ND			
Benzo[g,h,i]perylene	NLE	0.13 J				0.13 J				ND				ND				0.33 J				0.14 J				0.17 J				ND				0.23 J						0.13 J			
Pesticides/PCBs (mg/kg)																																											
gamma-BHC	0.52	ND				ND				ND				ND				ND				ND				ND				ND				ND						ND			
Heptachlor	0.15	ND				ND				ND				ND				ND				ND				ND				ND				ND						ND			
Heptachlor Epoxide	NLE	ND				ND				ND				ND				ND				ND				ND				ND				ND						ND			
4,4'-DDE	2	0.104				0.014				0.012				0.023				0.211				0.019				0.122				0.039				0.051						0.021			
Dieldrin	0.042	ND				ND				ND				ND				ND				ND				ND				ND				ND						0.019			
Endrin	17	ND				ND				ND				ND				ND				ND				ND				ND				ND						ND			
4,4'-DDD	3	0.138				ND				ND				ND				0.089				0.017				0.060				0.025				0.060						0.031			
4,4'-DDT	2	0.166				0.054				0.022				0.093				0.060				ND				0.277				0.041				0.192						0.074			
gamma-Chlordane	NLE	ND				ND				ND				ND				0.017				0.017				0.037				ND				ND						0.019			
alpha-Chlordane	NLE	ND				ND				ND				ND				0.016				0.017				0.033				ND				ND						0.016			
Arochlor 1016	0.49	ND				ND				ND				ND				ND				ND				ND				ND				ND						ND			
Arochlor 1242	0.49	ND				ND				ND				ND				ND				ND				ND				ND				ND						ND			
Arochlor 1260	0.49	ND				ND				ND				ND				ND				ND				ND				ND				ND						ND			
Metals (mg/kg)																																											
Aluminum	NLE	9010				19500				8190				15800				9810				7900				17600				8830				10800						9290			
Antimony	14	0.938				2.32				0.755				0.639				1.53				12.0				1.58				0.804				1.84						1.65			
Arsenic	20	8.59				12				7.40				15.4				8.59				6.25				10.0				9.70				10.5						9.13			
Barium	700	39.7				60.5				35.6				44.5				49.8				32.8				81.9				57.0				84.7						103			
Beryllium	2	0.848				2.18				0.864				1.28				0.878				0.41				1.36				1.19				1.44						0.966			
Cadmium	39	1.11				2.79				0.746				1.21				1.76				7.10				3.06				1.16				3.79						1.61			
Calcium	NLE	335				422				215				745				3950				4840				2440				913				2610						1630			
Chromium	NLE	105				276				89.3				67.4				89.8				1560				83.0				136				94.0						72.2			
Cobalt	NLE	1.46				1.46				1.28				3.80				5.53				5.55				5.45				1.26				7.53						2.69			
Copper	600	23.5				14.9				4.73				17.5				32.2				131				36.2				133				332						17.6			
Iron	NLE	29100				64000				21900				32000				29500				21500				29800				31100				27200						25100			
Lead	400	39.0				25.6				11.8				29.0				174				47.6				225				19				274						477			
Magnesium	NLE	3130				8800				2360				3180				5360				2920				3260				4110				4150						2980			
Manganese	NLE	23.8				22.7				18.6				103				121				88.2				157				21.8				133						49.6			
Mercury	14	0.115				0.091				0.135				0.141				0.821				7.682				0.271				0.083				1.317						0.250			
Nickel	250	6.23				8.48				6.29				9.85				13.9				7330				25.7				6.28				17.9						10.3			
Potassium	NLE	7400				22500				5810				6990				6050				4150				6860				10300				7440						6280			
Selenium	63	1.12				2.64				1.33				1.19				1.67				ND				1.09				1.50				0.97						1.08			
Silver	110	ND				ND				ND				ND				ND				ND				ND				ND				ND						ND			
Sodium	NLE	264				233				112				132				181				117				278				77.6				130						64.6			
Thallium	2	ND				ND				ND				ND				ND				ND				ND				ND				ND						ND			
Vanadium	370	51.7				109				50.5				49.2				53.5				58.0				59.4				58.7				49.2						43.8			
Zinc	1500	36.6				96.5				33.9				68.7				167				146				256				96.5				461						321			

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-8 Landfill
Fort Monmouth, New Jersey

Boring ID	Analyte
SVOCs - 50 Borings	
B2	
	Benzo(a)anthracene
	Benzo(a)pyrene
B14	
	Benzo(a)anthracene
	Benzo(a)pyrene
	Benzo(b)fluoranthene
	Benzo(k)fluoranthene
B15	
	Benzo(a)anthracene
	Benzo(a)pyrene
	Benzo(b)fluoranthene
	Benzo(k)fluoranthene
B16	
	Benzo(a)anthracene
	Benzo(a)pyrene
	Benzo(b)fluoranthene
	Benzo(k)fluoranthene
B18	
	Benzo(a)pyrene
	Benzo(b)fluoranthene
	Benzo(k)fluoranthene
B22	
	Benzo(a)anthracene
	Benzo(a)pyrene
	Benzo(b)fluoranthene
	Benzo(k)fluoranthene
B23	
	Benzo(a)anthracene
	Benzo(a)pyrene
	Benzo(b)fluoranthene
	Benzo(k)fluoranthene
B25	
	Benzo(a)pyrene
	Benzo(k)fluoranthene
B26	
	Benzo(a)pyrene
	Benzo(b)fluoranthene
	Benzo(k)fluoranthene
B27	
	Benzo(a)pyrene
	Benzo(b)fluoranthene
B32	
	Benzo(a)anthracene

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

Table 4-2
Borings in Which Detections Exceeded Criteria
M-8 Landfill
Fort Monmouth, New Jersey

Boring ID	Analyte
	Benzo(a)pyrene
	Benzo(b)fluoranthene
	Benzo(k)fluoranthene
	Indeno(1,2,3-cd)pyrene
B34	
	Benzo(a)anthracene
	Benzo(a)pyrene
	Benzo(b)fluoranthene
	Benzo(k)fluoranthene
B9I	
	Benzo(a)pyrene
B11K	
	Benzo(a)pyrene
B12L	
	Benzo(a)anthracene
	Benzo(a)pyrene
	Benzo(b)fluoranthene
	Benzo(k)fluoranthene
B18R	
	Benzo(a)anthracene
	Benzo(a)pyrene
	Benzo(b)fluoranthene
	Benzo(k)fluoranthene
	Indeno(1,2,3-cd)pyrene
B21U	
	Benzo(b)fluoranthene
B22V	
	Benzo(a)pyrene
	Benzo(b)fluoranthene
	Benzo(k)fluoranthene
	Indeno(1,2,3-cd)pyrene
B63	
	Benzo(a)anthracene
	Benzo(a)pyrene
	Benzo(b)fluoranthene
	Benzo(k)fluoranthene
	Dibenz(a,h)anthracene
	Indeno(1,2,3-cd)pyrene
B69	
	Benzo(a)anthracene
	Benzo(a)pyrene
B72	
	Benzo(a)pyrene
B74	
	Benzo(a)anthracene
	Benzo(a)pyrene

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-8 Landfill
Fort Monmouth, New Jersey

Boring ID	Analyte
	Benzo(b)fluoranthene
	Benzo(k)fluoranthene
B80	
	Benzo(a)anthracene
	Benzo(a)pyrene
	Benzo(b)fluoranthene
	Benzo(k)fluoranthene
	Dibenz(a,h)anthracene
	Indeno(1,2,3-cd)pyrene
B81	
	Benzo(a)pyrene
B88	
	Benzo(a)anthracene
	Benzo(a)pyrene
	Benzo(b)fluoranthene
	Benzo(k)fluoranthene
	Chrysene
	Dibenz(a,h)anthracene
	Indeno(1,2,3-cd)pyrene
B91	
	Benzo(a)anthracene
B92	
	Benzo(a)anthracene
	Benzo(a)pyrene
	Benzo(b)fluoranthene
	Benzo(k)fluoranthene
	Chrysene
	Dibenz(a,h)anthracene
	Indeno(1,2,3-cd)pyrene
B93	
	Benzo(a)anthracene
	Benzo(a)pyrene
	Benzo(b)fluoranthene
	Benzo(k)fluoranthene
	Dibenz(a,h)anthracene
	Indeno(1,2,3-cd)pyrene
B94	
	Benzo(a)anthracene
	Benzo(a)pyrene
	Benzo(b)fluoranthene
	Benzo(k)fluoranthene
B96	
	Benzo(a)pyrene
	Benzo(b)fluoranthene
B97	
	Benzo(a)anthracene

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

Table 4-2
Borings in Which Detections Exceeded Criteria
M-8 Landfill
Fort Monmouth, New Jersey

Boring ID	Analyte
	Benzo(a)pyrene
	Benzo(k)fluoranthene
B103	
	Benzo(a)pyrene
B110	
	Benzo(a)pyrene
B115	
	Benzo(a)anthracene
	Benzo(a)pyrene
	Benzo(b)fluoranthene
	Benzo(k)fluoranthene
B141	
	Benzo(a)anthracene
	Benzo(a)pyrene
	Benzo(b)fluoranthene
	Benzo(k)fluoranthene
	Chrysene
	Dibenz(a,h)anthracene
	Fluoranthene
	Indeno(1,2,3-cd)pyrene
	Naphthalene
	Pyrene
B144	
	Benzo(a)anthracene
	Benzo(a)pyrene
	Benzo(b)fluoranthene
	Benzo(k)fluoranthene
	Chrysene
	Dibenz(a,h)anthracene
	Fluoranthene
	Indeno(1,2,3-cd)pyrene
	Naphthalene
	Pyrene
B145	
	Benzo(a)anthracene
	Benzo(a)pyrene
	Benzo(b)fluoranthene
	Benzo(k)fluoranthene
	Chrysene
	Indeno(1,2,3-cd)pyrene
B147	
	Benzo(a)pyrene
B148	
	Benzo(a)anthracene
	Benzo(a)pyrene
	Benzo(b)fluoranthene

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Pest/PCBs = Pesticides/Polychlorinated-Biphenyls.

Table 4-2
Borings in Which Detections Exceeded Criteria
M-8 Landfill
Fort Monmouth, New Jersey

Boring ID	Analyte
	Benzo(k)fluoranthene
B151	
	Benzo(a)anthracene
	Benzo(a)pyrene
	Benzo(b)fluoranthene
	Benzo(k)fluoranthene
B164	
	Benzo(a)anthracene
	Benzo(a)pyrene
	Benzo(b)fluoranthene
	Benzo(k)fluoranthene
B165	
	Benzo(a)pyrene
	Benzo(k)fluoranthene
B166	
	Benzo(a)anthracene
	Benzo(a)pyrene
	Benzo(b)fluoranthene
	Benzo(k)fluoranthene
	Chrysene
	Dibenz(a,h)anthracene
	Indeno(1,2,3-cd)pyrene
B174	
	Benzo(a)anthracene
	Benzo(a)pyrene
B177	
	Benzo(a)pyrene
B184	
	Benzo(a)anthracene
	Benzo(a)pyrene
	Benzo(b)fluoranthene
	Benzo(k)fluoranthene
	Indeno(1,2,3-cd)pyrene
B199	
	Benzo(a)anthracene
	Benzo(a)pyrene
	Benzo(b)fluoranthene
	Benzo(k)fluoranthene
	Dibenz(a,h)anthracene
	Indeno(1,2,3-cd)pyrene
B204	
	Hexachlorobenzene
B208	
	Benzo(a)anthracene
	Benzo(a)pyrene
	Benzo(b)fluoranthene

Notes:
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VOCs = Volatile Organic Compounds; SVOCs = Semi-Volatile Organic Compounds.
Pest/PCBs = Pesticides/Polychlorinated-Biphenyls.

Table 4-2
Borings in Which Detections Exceeded Criteria
M-8 Landfill
Fort Monmouth, New Jersey

Boring ID	Analyte
	Benzo(k)fluoranthene
B250	
	Benzo(a)anthracene
	Benzo(a)pyrene
	Benzo(b)fluoranthene
	Benzo(k)fluoranthene
	Chrysene
	Dibenz(a,h)anthracene
	Indeno(1,2,3-cd)pyrene

Pest/PCBs - 23 Borings

B1A	
	Arochlor 1260
B64	
	Arochlor 1016
B74	
	Dieldrin
B76	
	Dieldrin
B77	
	Dieldrin
B78	
	Arochlor 1242
B87	
	Arochlor 1242
B89	
	Dieldrin
B91	
	Arochlor 1242
B117	
	Heptachlor
B120	
	Arochlor 1260
B124	
	Arochlor 1260
B135	
	4,4'-DDD
B140	
	Arochlor 1260
B153	
	Arochlor 1260
B158	
	Arochlor 1242
B159	
	Arochlor 1242
B163	

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Pest/PCBs = Pesticides/Polychlorinated-Biphenyls.

Table 4-2
Borings in Which Detections Exceeded Criteria
M-8 Landfill
Fort Monmouth, New Jersey

Boring ID	Analyte
	Dieldrin
B164	
	Arochlor 1242
B200	
	4,4'-DDE
	4,4'-DDT
B214	
	Arochlor 1260
B220	
	4,4'-DDD
B223	
	4,4'-DDD

Metals - 57 Borings

B4	
	Lead
B8	
	Antimony
B11	
	Lead
B16	
	Arsenic
B17	
	Copper
B18	
	Arsenic
B22	
	Antimony
B26	
	Arsenic
B33	
	Antimony
B36	
	Antimony
	Lead
B37	
	Lead
B4D	
	Mercury
B5E	
	Antimony
	Lead
B11K	
	Antimony
	Lead
B21U	

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Pest/PCBs = Pesticides/Polychlorinated-Biphenyls.

Table 4-2
Borings in Which Detections Exceeded Criteria
M-8 Landfill
Fort Monmouth, New Jersey

Boring ID	Analyte
	Arsenic
B28BB	
	Lead
B31EE	
	Lead
B33GG	
	Antimony
	Lead
B40NN	
	Silver
B47	
	Antimony
B49	
	Antimony
	Lead
B57	
	Lead
B60	
	Lead
B62	
	Zinc
B67	
	Zinc
B69	
	Beryllium
B73	
	Beryllium
B76	
	Lead
B83	
	Beryllium
B85	
	Antimony
	Arsenic
	Beryllium
	Selenium
	Thallium
B86	
	Antimony
	Arsenic
	Beryllium
	Selenium
	Thallium
B87	
	Copper
B91	

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Pest/PCBs = Pesticides/Polychlorinated-Biphenyls.

Table 4-2
Borings in Which Detections Exceeded Criteria
M-8 Landfill
Fort Monmouth, New Jersey

Boring ID	Analyte
	Mercury
	Zinc
B99	
	Antimony
B103	
	Lead
B104	
	Antimony
	Lead
B130	
	Arsenic
B135	
	Antimony
	Barium
	Lead
B137	
	Antimony
	Lead
B140	
	Lead
B141	
	Barium
	Beryllium
B146	
	Copper
B147	
	Antimony
	Lead
B161	
	Beryllium
B167	
	Arsenic
B180	
	Lead
B185	
	Arsenic
	Beryllium
B197	
	Mercury
B198	
	Arsenic
	Mercury
B200	
	Beryllium
B214	
	Antimony

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Pest/PCBs = Pesticides/Polychlorinated-Biphenyls.

Table 4-2
Borings in Which Detections Exceeded Criteria
M-8 Landfill
Fort Monmouth, New Jersey

Boring ID	Analyte
B220	
	Lead
B221	
	Lead
B237	
	Beryllium
B241	
	Beryllium
B245	
	Nickel
B249	
	Lead

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VOCs = Volatile Organic Compounds; SVOCs = Semi-Volatile Organic Compounds.
Pest/PCBs = Pesticides/Polychlorinated-Biphenyls.

Table 4-3
Laboratory Analysis Exceedance Summary
M-8 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	33	0.92	B69	2500	B144	139.30
Benzo(a)pyrene	0.66	mg/kg	47	0.69	B177	4500	B144	153.00
Benzo(b)fluoranthene	0.9	mg/kg	34	0.93	B22	5400	B144	236.84
Benzo(k)fluoranthene	0.9	mg/kg	34	0.92	B165	3100	B144	160.35
Chrysene	9	mg/kg	7	13	B250	3800	B144	917.71
Dibenz(a,h)anthracene	0.66	mg/kg	10	0.82	B63	850	B144	128.72
Fluoranthene	2300	mg/kg	2	4500	B141	7200	B144	5850.00
Hexachlorobenzene	0.66	mg/kg	1	2	B204	2	B204	2.00
Indeno(1,2,3-cd)pyrene	0.9	mg/kg	15	1.1	B184	1200	B144	129.79
Naphthalene	230	mg/kg	2	720	B141	950	B144	835.00
Pyrene	1700	mg/kg	2	2900	B141	7400	B144	5150.00
Pest/PCBs								
4,4'-DDD	3	mg/kg	3	3.632	B223	9.331	B220	5.61
4,4'-DDE	2	mg/kg	1	2.108	B200	2.108	B200	2.11
4,4'-DDT	2	mg/kg	1	3.771	B200	3.771	B200	3.77
Arochlor 1016	0.49	mg/kg	1	4.763	B64	4.763	B64	4.76
Arochlor 1242	0.49	mg/kg	6	4.634	B158	5654.281	B164	958.42
Arochlor 1260	0.49	mg/kg	6	0.665	B124	20.06	B153	4.92
Dieldrin	0.042	mg/kg	5	0.055	B163	0.128	B77	0.10
Heptachlor	0.15	mg/kg	1	1.267	B117	1.267	B117	1.27
Metals								

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

Table 4-3
Laboratory Analysis Exceedance Summary
M-8 Landfill
Fort Monmouth, New Jersey

Analyte Name	RDCSC	Units	Number of Exceedances	Minimum Exceedance	Boring ID (Min)	Maximum Exceedance	Boring ID (Max)	Average Exceedance
Antimony	14	mg/kg	17	14.1	B8	152	B99	50.12
Arsenic	20	mg/kg	10	20.7	B21U	9580	B185	996.98
Barium	700	mg/kg	2	783	B135	984	B141	883.50
Beryllium	2	mg/kg	11	2.05	B73	44.6	B185	9.90
Copper	600	mg/kg	3	692	B146	1160	B17	960.67
Lead	400	mg/kg	23	445	B4	5050	B220	1141.57
Mercury	14	mg/kg	4	16.6	B197	216	B198	68.17
Nickel	250	mg/kg	1	7330	B245	7330	B245	7330.00
Selenium	63	mg/kg	2	87.7	B85	119	B86	103.35
Silver	110	mg/kg	1	124	B40NN	124	B40NN	124.00
Thallium	2	mg/kg	2	86.9	B85	119	B86	102.95
Zinc	1500	mg/kg	3	1710	B67	9550	B91	4693.33

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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-8 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 used.
Benzo(a)anthracene	AREA SVOC-2	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-3	0.9	mg/kg	Compliance averaging not allowed due to exceedance of the ceiling limit of 10X (for criterion<10 ppm).
Benzo(a)pyrene	AREA SVOC-1	0.66	mg/kg	Compliance averaging not allowed due to exceedance of 0.9 ppm limit for Benzo(a)pyrene.
Benzo(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(a)pyrene	AREA SVOC-3	0.66	mg/kg	Compliance averaging not allowed due to exceedance of 0.9 ppm limit for Benzo(a)pyrene.
Benzo(b)fluoranthene	AREA SVOC-1	0.9	mg/kg	Compliance averaging used.
Benzo(b)fluoranthene	AREA SVOC-2	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-3	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-1	0.9	mg/kg	Compliance averaging used.
Benzo(k)fluoranthene	AREA SVOC-2	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-3	0.9	mg/kg	Compliance averaging not allowed due to exceedance of the ceiling limit of 10X (for criterion<10 ppm).
Chrysene	AREA SVOC-1	9	mg/kg	Compliance averaging used.

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Table 4-4
Compliance Analysis Method Summary
M-8 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Average Area	RDCSCC	Units	Compliance Analysis Decision
Chrysene	AREA SVOC-2	9	mg/kg	Compliance averaging not allowed due to exceedance of the ceiling limit of 10X (for criterion<10 ppm).
Chrysene	AREA SVOC-3	9	mg/kg	Compliance averaging not allowed due to exceedance of the ceiling limit of 10X (for criterion<10 ppm).
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.
Dibenz(a,h)anthracene	AREA SVOC-2	0.66	mg/kg	Compliance averaging not allowed due to exceedance of 0.9 ppm limit for Dibenz(a,h)anthracene.
Dibenz(a,h)anthracene	AREA SVOC-3	0.66	mg/kg	Compliance averaging not allowed due to exceedance of 0.9 ppm limit for Dibenz(a,h)anthracene.
Fluoranthene	AREA SVOC-2	2300	mg/kg	Compliance averaging not allowed due to exceedance of the ceiling limit of 2X (for criterion>100 ppm).
Hexachlorobenzene	AREA SVOC-1	0.66	mg/kg	Compliance averaging used.
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	mg/kg	Compliance averaging used.
Indeno(1,2,3-cd)pyrene	AREA SVOC-2	0.9	mg/kg	Compliance averaging not allowed due to exceedance of the ceiling limit of 10X (for criterion<10 ppm).
Indeno(1,2,3-cd)pyrene	AREA SVOC-3	0.9	mg/kg	Compliance averaging not allowed due to exceedance of the ceiling limit of 10X (for criterion<10 ppm).
Naphthalene	AREA SVOC-2	230	mg/kg	Compliance averaging not allowed due to exceedance of the ceiling limit of 2X (for criterion>100 ppm).
Pyrene	AREA SVOC-2	1700	mg/kg	Compliance averaging not allowed due to exceedance of the ceiling limit of 2X (for criterion>100 ppm).
Pest/PCBs				
4,4'-DDD	AREA PESTPCB-1	3	mg/kg	Compliance averaging used.

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Table 4-4
Compliance Analysis Method Summary
M-8 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Average Area	RDCSCC	Units	Compliance Analysis Decision
4,4'-DDD	AREA PESTPCB-2	3	mg/kg	Compliance averaging used.
4,4'-DDE	AREA PESTPCB-1	2	mg/kg	Compliance averaging used.
4,4'-DDT	AREA PESTPCB-1	2	mg/kg	Compliance averaging used.
Arochlor 1016	AREA PESTPCB-2	0.49	mg/kg	Compliance averaging used.
Arochlor 1242	AREA PESTPCB-2	0.49	mg/kg	Compliance averaging not allowed due to exceedance of the ceiling limit of 10X (for criterion<10 ppm).
Arochlor 1242	AREA PESTPCB-3	0.49	mg/kg	Compliance averaging not allowed due to exceedance of the ceiling limit of 10X (for criterion<10 ppm).
Arochlor 1260	AREA PESTPCB-1	0.49	mg/kg	Compliance averaging used.
Arochlor 1260	AREA PESTPCB-2	0.49	mg/kg	Compliance averaging not allowed due to exceedance of the ceiling limit of 10X (for criterion<10 ppm).
Dieldrin	AREA PESTPCB-2	0.042	mg/kg	Compliance averaging used.
Dieldrin	AREA PESTPCB-3	0.042	mg/kg	Compliance averaging used.
Heptachlor	AREA PESTPCB-1	0.15	mg/kg	Compliance averaging used.
Metals				
Antimony	AREA METALS-1	14	mg/kg	Compliance averaging not allowed due to exceedance of the ceiling limit of 5X (for criterion >10 ppm and < 100 ppm).
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).

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Table 4-4
Compliance Analysis Method Summary
M-8 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Average Area	RDCSCC	Units	Compliance Analysis Decision
Barium	AREA METALS-1	700	mg/kg	Compliance averaging used.
Beryllium	AREA METALS-1	2	mg/kg	Compliance averaging not allowed due to exceedance of 2 mg/kg limit for Beryllium.
Copper	AREA METALS-1	600	mg/kg	Compliance averaging used.
Lead	AREA METALS-1	400	mg/kg	Compliance averaging not allowed due to exceedance of the ceiling limit of 2X (for criterion>100 ppm).
Mercury	AREA METALS-1	14	mg/kg	Compliance averaging not allowed due to exceedance of the ceiling limit of 5X (for criterion >10 ppm and < 100 ppm).
Nickel	AREA METALS-1	250	mg/kg	Compliance averaging not allowed due to exceedance of the ceiling limit of 2X (for criterion>100 ppm).
Selenium	AREA METALS-1	63	mg/kg	Compliance averaging used.
Silver	AREA METALS-1	110	mg/kg	Compliance averaging used.
Thallium	AREA METALS-1	2	mg/kg	Compliance averaging not allowed due to exceedance of 2 mg/kg limit for Thallium.
Zinc	AREA METALS-1	1500	mg/kg	Compliance averaging not allowed due to exceedance of the ceiling limit of 2X (for criterion>100 ppm).

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Table 4-5
Compliance Averaging Results
M-8 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-1								
Benzo(a)anthracene	AREA SVOC-1	0.9	B29	ND	mg/kg	no	1.2		0.6
Benzo(a)anthracene	AREA SVOC-1	0.9	B30	ND	mg/kg	no	1.2		0.6
Benzo(a)anthracene	AREA SVOC-1	0.9	B31	0.33 J	mg/kg	no			0.33
Benzo(a)anthracene	AREA SVOC-1	0.9	B32	5.4 JD	mg/kg	yes			5.4
Benzo(a)anthracene	AREA SVOC-1	0.9	B1A	ND	mg/kg	no	13		6.5
Benzo(a)anthracene	AREA SVOC-1	0.9	B2B	0.16 J	mg/kg	no			0.16
Benzo(a)anthracene	AREA SVOC-1	0.9	B3C	ND	mg/kg	no	1.1		0.55
Benzo(a)anthracene	AREA SVOC-1	0.9	B4D	0.32 J	mg/kg	no			0.32
Benzo(a)anthracene	AREA SVOC-1	0.9	B5E	0.17 J	mg/kg	no			0.17
Benzo(a)anthracene	AREA SVOC-1	0.9	B6F	ND	mg/kg	no	1.7		0.85
Benzo(a)anthracene	AREA SVOC-1	0.9	B11K	0.87 J	mg/kg	no			0.87
Benzo(a)anthracene	AREA SVOC-1	0.9	B12L	1.8	mg/kg	yes			1.8
Benzo(a)anthracene	AREA SVOC-1	0.9	B16P	ND	mg/kg	no	1.1		0.55
Benzo(a)anthracene	AREA SVOC-1	0.9	B17Q	0.14 J	mg/kg	no			0.14
Benzo(a)anthracene	AREA SVOC-1	0.9	B18R	2.5	mg/kg	yes			2.5
Benzo(a)anthracene	AREA SVOC-1	0.9	B76	ND	mg/kg	no	1.2		0.6
Benzo(a)anthracene	AREA SVOC-1	0.9	B171	ND	mg/kg	no	1.1		0.55
Benzo(a)anthracene	AREA SVOC-1	0.9	B172	ND	mg/kg	no	1.1		0.55
Benzo(a)anthracene	AREA SVOC-1	0.9	B173	ND	mg/kg	no	1.1		0.55
Benzo(a)anthracene	AREA SVOC-1	0.9	B174	0.93 J	mg/kg	yes			0.93
Benzo(a)anthracene	AREA SVOC-1	0.9	B175	0.32 J	mg/kg	no			0.32
Benzo(a)anthracene	AREA SVOC-1	0.9	B177	0.74 J	mg/kg	no			0.74
Benzo(a)anthracene	AREA SVOC-1	0.9	B178	0.12 J	mg/kg	no			0.12
Benzo(a)anthracene	AREA SVOC-1	0.9	B181	0.21 J	mg/kg	no			0.21
Benzo(a)anthracene	AREA SVOC-1	0.9	B182	0.53 J	mg/kg	no			0.53
Benzo(a)anthracene	AREA SVOC-1	0.9	B185	0.15 J	mg/kg	no			0.15
Benzo(a)anthracene	AREA SVOC-1	0.9	B186	ND	mg/kg	no	1.1		0.55
Benzo(a)anthracene	AREA SVOC-1	0.9	B188	ND	mg/kg	no	1.1		0.55
Benzo(a)anthracene	AREA SVOC-1	0.9	B196	ND	mg/kg	no	0.9		0.45
Benzo(a)anthracene	AREA SVOC-1	0.9	B197	ND	mg/kg	no	0.99		0.495
Benzo(a)anthracene	AREA SVOC-1	0.9	B199	3.9	mg/kg	yes			3.9
Benzo(a)anthracene	AREA SVOC-1	0.9	B200	ND	mg/kg	no	1.1		0.55
Benzo(a)anthracene	AREA SVOC-1	0.9	B202	0.24 J	mg/kg	no			0.24
Benzo(a)anthracene	AREA SVOC-1	0.9	B204	0.41 J	mg/kg	no			0.41
Benzo(a)anthracene	AREA SVOC-1	0.9	B205	0.23 J	mg/kg	no			0.23

Notes:
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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-8 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Area	RDCSCC	Boring ID	Result	Units	Exceeds Criteria	MDL	Dilution Factor	Result Used for Average
Benzo(a)anthracene	AREA SVOC-1	0.9	B207	0.49 J	mg/kg	no			0.49
Benzo(a)anthracene	AREA SVOC-1	0.9	B224	0.28 J	mg/kg	no			0.28
Benzo(a)anthracene	AREA SVOC-1	0.9	B225	ND	mg/kg	no	1		0.5
Benzo(a)anthracene	AREA SVOC-1	0.9	B226	0.17 J	mg/kg	no			0.17
Benzo(a)anthracene	AREA SVOC-1	0.9	B227	ND	mg/kg	no	1.1		0.55
Benzo(a)anthracene	AREA SVOC-1	0.9	B230	0.13 J	mg/kg	no			0.13
Benzo(a)anthracene	AREA SVOC-1	0.9	B232	0.23 J	mg/kg	no			0.23
Benzo(a)anthracene	AREA SVOC-1	0.9	B233	ND	mg/kg	no	1.1		0.55
Benzo(a)anthracene	AREA SVOC-1	0.9	B234	0.37 J	mg/kg	no			0.37
Benzo(a)anthracene	AREA SVOC-1	0.9	B235	ND	mg/kg	no	1.1		0.55
Benzo(a)anthracene	AREA SVOC-1	0.9	B236	ND	mg/kg	no	1.1		0.55
Benzo(a)anthracene	AREA SVOC-1	0.9	B237	ND	mg/kg	no	1.2		0.6
Benzo(a)anthracene	AREA SVOC-1	0.9	B240	0.17 J	mg/kg	no			0.17
Benzo(a)anthracene	AREA SVOC-1	0.9	B241	0.16 J	mg/kg	no			0.16
Benzo(a)anthracene	AREA SVOC-1	0.9	B250	7.9 D	mg/kg	yes			7.9
						Compliance Average Result:			**0.943**

Benzo(b)fluoranthene

AREA SVOC-1

Benzo(b)fluoranthene	AREA SVOC-1	0.9	B29	ND	mg/kg	no	1.2		0.6
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B30	ND	mg/kg	no	1.1		0.55
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B31	0.32 J	mg/kg	no			0.32
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B32	3.7 JD	mg/kg	yes			3.7
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B1A	ND	mg/kg	no		10	
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B2B	0.18 J	mg/kg	no			0.18
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B3C	ND	mg/kg	no	1.1		0.55
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B4D	0.34 J	mg/kg	no			0.34
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B5E	0.17 J	mg/kg	no			0.17
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B6F	ND	mg/kg	no	1.7		0.85
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B11K	0.52 J	mg/kg	no			0.52
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B12L	1.8	mg/kg	yes			1.8
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B16P	ND	mg/kg	no	1.1		0.55
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B17Q	0.16 J	mg/kg	no			0.16
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B18R	2.1	mg/kg	yes			2.1
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B76	0.13 JB	mg/kg	no			0.13
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B171	ND	mg/kg	no	1.1		0.55
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B172	ND	mg/kg	no	1.1		0.55
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B173	ND	mg/kg	no	1.1		0.55
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B174	0.83 J	mg/kg	no			0.83

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

Table 4-5
Compliance Averaging Results
M-8 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Area	RDCSCC	Boring ID	Result	Units	Exceeds Criteria	MDL	Dilution Factor	Result Used for Average
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B175	0.35	mg/kg	no			0.35
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B177	0.60 J	mg/kg	no			0.6
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B178	ND	mg/kg	no	1		0.5
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B181	0.28 J	mg/kg	no			0.28
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B182	0.48 J	mg/kg	no			0.48
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B185	0.12 J	mg/kg	no			0.12
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B186	ND	mg/kg	no	1.1		0.55
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B188	ND	mg/kg	no	1.1		0.55
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B196	ND	mg/kg	no	0.9		0.45
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B197	ND	mg/kg	no	0.99		0.495
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B199	3.9	mg/kg	yes			3.9
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B200	ND	mg/kg	no	1.1		0.55
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B202	0.19 J	mg/kg	no			0.19
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B204	0.36 J	mg/kg	no			0.36
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B205	0.24 J	mg/kg	no			0.24
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B207	0.42 J	mg/kg	no			0.42
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B224	0.31 J	mg/kg	no			0.31
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B225	ND	mg/kg	no	1		0.5
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B226	0.20 J	mg/kg	no			0.2
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B227	ND	mg/kg	no	1.1		0.55
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B230	0.13 J	mg/kg	no			0.13
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B232	0.20 J	mg/kg	no			0.2
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B233	ND	mg/kg	no	1.1		0.55
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B234	0.43 J	mg/kg	no			0.43
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B235	ND	mg/kg	no	1.1		0.55
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B236	ND	mg/kg	no	1.1		0.55
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B237	ND	mg/kg	no	1.2		0.6
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B240	0.17 J	mg/kg	no			0.17
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B241	0.17 J	mg/kg	no			0.17
Benzo(b)fluoranthene	AREA SVOC-1	0.9	B250	7.2 D	mg/kg	yes			7.2
						Compliance Average Result:			**0.758**

Benzo(k)fluoranthene

AREA SVOC-1

Benzo(k)fluoranthene	AREA SVOC-1	0.9	B29	0.12 J	mg/kg	no			0.12
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B30	ND	mg/kg	no	1.1		0.55
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B31	0.32 J	mg/kg	no			0.32
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B32	4.8 JD	mg/kg	yes			4.8
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B1A	ND	mg/kg	no		10	

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Table 4-5
Compliance Averaging Results
M-8 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Area	RDCSCC	Boring ID	Result	Units	Exceeds Criteria	MDL	Dilution Factor	Result Used for Average
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B2B	0.21 J	mg/kg	no			0.21
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B3C	ND	mg/kg	no	1.1		0.55
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B4D	0.36 J	mg/kg	no			0.36
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B5E	0.16 J	mg/kg	no			0.16
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B6F	ND	mg/kg	no	1.7		0.85
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B11K	0.77 J	mg/kg	no			0.77
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B12L	1.6	mg/kg	yes			1.6
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B16P	ND	mg/kg	no	1.1		0.55
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B17Q	0.22 J	mg/kg	no			0.22
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B18R	2	mg/kg	yes			2
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B76	ND	mg/kg	no	1.2		0.6
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B171	ND	mg/kg	no	1.1		0.55
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B172	ND	mg/kg	no	1.1		0.55
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B173	ND	mg/kg	no	1.1		0.55
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B174	0.89 J	mg/kg	no			0.89
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B175	0.32	mg/kg	no			0.32
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B177	0.53 J	mg/kg	no			0.53
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B178	ND	mg/kg	no	1		0.5
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B181	0.22 J	mg/kg	no			0.22
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B182	0.43 J	mg/kg	no			0.43
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B185	0.11 J	mg/kg	no			0.11
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B186	ND	mg/kg	no	1.1		0.55
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B188	ND	mg/kg	no	1.1		0.55
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B196	ND	mg/kg	no	0.9		0.45
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B197	ND	mg/kg	no	0.99		0.495
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B199	2.2	mg/kg	yes			2.2
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B200	ND	mg/kg	no	1.1		0.55
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B202	0.19 J	mg/kg	no			0.19
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B204	0.33 J	mg/kg	no			0.33
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B205	0.20 J	mg/kg	no			0.2
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B207	0.43 J	mg/kg	no			0.43
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B224	0.19 J	mg/kg	no			0.19
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B225	ND	mg/kg	no	1		0.5
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B226	0.16 J	mg/kg	no			0.16
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B227	ND	mg/kg	no	1.1		0.55
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B230	0.13 J	mg/kg	no			0.13
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B232	0.18 J	mg/kg	no			0.18
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B233	ND	mg/kg	no	1.1		0.55
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B234	0.34 J	mg/kg	no			0.34
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B235	ND	mg/kg	no	1.1		0.55
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B236	ND	mg/kg	no	1.1		0.55

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

Table 4-5
Compliance Averaging Results
M-8 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Area	RDCSCC	Boring ID	Result	Units	Exceeds Criteria	MDL	Dilution Factor	Result Used for Average
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B237	ND	mg/kg	no	1.2		0.6
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B240	0.16 J	mg/kg	no			0.16
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B241	0.16 J	mg/kg	no			0.16
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B250	4.9 JD	mg/kg	yes			4.9
						Compliance Average Result:			**0.689**

Chrysene

AREA SVOC-1

Chrysene	AREA SVOC-1	9	B29	0.13 J	mg/kg	no			0.13
Chrysene	AREA SVOC-1	9	B30	ND	mg/kg	no	1.1		0.55
Chrysene	AREA SVOC-1	9	B31	0.4 J	mg/kg	no			0.4
Chrysene	AREA SVOC-1	9	B32	5.9 D	mg/kg	no			5.9
Chrysene	AREA SVOC-1	9	B1A	ND	mg/kg	no		10	
Chrysene	AREA SVOC-1	9	B2B	0.32 J	mg/kg	no			0.32
Chrysene	AREA SVOC-1	9	B3C	ND	mg/kg	no	1.1		0.55
Chrysene	AREA SVOC-1	9	B4D	0.59 J	mg/kg	no			0.59
Chrysene	AREA SVOC-1	9	B5E	0.27 J	mg/kg	no			0.27
Chrysene	AREA SVOC-1	9	B6F	0.29 J	mg/kg	no			0.29
Chrysene	AREA SVOC-1	9	B11K	1.8	mg/kg	no			1.8
Chrysene	AREA SVOC-1	9	B12L	2.8	mg/kg	no			2.8
Chrysene	AREA SVOC-1	9	B16P	0.21 J	mg/kg	no			0.21
Chrysene	AREA SVOC-1	9	B17Q	0.28 J	mg/kg	no			0.28
Chrysene	AREA SVOC-1	9	B18R	3.8	mg/kg	no			3.8
Chrysene	AREA SVOC-1	9	B76	0.2 J	mg/kg	no			0.2
Chrysene	AREA SVOC-1	9	B171	ND	mg/kg	no	1.1		0.55
Chrysene	AREA SVOC-1	9	B172	0.12 J	mg/kg	no			0.12
Chrysene	AREA SVOC-1	9	B173	ND	mg/kg	no	1.1		0.55
Chrysene	AREA SVOC-1	9	B174	1.6	mg/kg	no			1.6
Chrysene	AREA SVOC-1	9	B175	0.64	mg/kg	no			0.64
Chrysene	AREA SVOC-1	9	B177	1.2	mg/kg	no			1.2
Chrysene	AREA SVOC-1	9	B178	0.23 J	mg/kg	no			0.23
Chrysene	AREA SVOC-1	9	B181	0.41 J	mg/kg	no			0.41
Chrysene	AREA SVOC-1	9	B182	1.3 J	mg/kg	no			1.3
Chrysene	AREA SVOC-1	9	B185	0.33 J	mg/kg	no			0.33
Chrysene	AREA SVOC-1	9	B186	0.20 J	mg/kg	no			0.2
Chrysene	AREA SVOC-1	9	B188	0.20 J	mg/kg	no			0.2
Chrysene	AREA SVOC-1	9	B196	ND	mg/kg	no	0.9		0.45
Chrysene	AREA SVOC-1	9	B197	ND	mg/kg	no	0.99		0.495
Chrysene	AREA SVOC-1	9	B199	6.9	mg/kg	no			6.9

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

Table 4-5
Compliance Averaging Results
M-8 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Area	RDCSCC	Boring ID	Result	Units	Exceeds Criteria	MDL	Dilution Factor	Result Used for Average
Chrysene	AREA SVOC-1	9	B200	ND	mg/kg	no	1.1		0.55
Chrysene	AREA SVOC-1	9	B202	0.43 J	mg/kg	no			0.43
Chrysene	AREA SVOC-1	9	B204	0.75 J	mg/kg	no			0.75
Chrysene	AREA SVOC-1	9	B205	0.46 J	mg/kg	no			0.46
Chrysene	AREA SVOC-1	9	B207	0.94 J	mg/kg	no			0.94
Chrysene	AREA SVOC-1	9	B224	0.57 J	mg/kg	no			0.57
Chrysene	AREA SVOC-1	9	B225	0.13 J	mg/kg	no			0.13
Chrysene	AREA SVOC-1	9	B226	0.37 J	mg/kg	no			0.37
Chrysene	AREA SVOC-1	9	B227	ND	mg/kg	no	1.1		0.55
Chrysene	AREA SVOC-1	9	B230	0.27 J	mg/kg	no			0.27
Chrysene	AREA SVOC-1	9	B232	0.46 J	mg/kg	no			0.46
Chrysene	AREA SVOC-1	9	B233	0.28 J	mg/kg	no			0.28
Chrysene	AREA SVOC-1	9	B234	0.73 J	mg/kg	no			0.73
Chrysene	AREA SVOC-1	9	B235	0.19 J	mg/kg	no			0.19
Chrysene	AREA SVOC-1	9	B236	0.11 J	mg/kg	no			0.11
Chrysene	AREA SVOC-1	9	B237	ND	mg/kg	no	1.2		0.6
Chrysene	AREA SVOC-1	9	B240	0.40 J	mg/kg	no			0.4
Chrysene	AREA SVOC-1	9	B241	0.34 J	mg/kg	no			0.34
Chrysene	AREA SVOC-1	9	B250	13.0 D	mg/kg	yes			13
						Compliance Average Result:			**1.110**

Hexachlorobenzene

AREA SVOC-1

Hexachlorobenzene	AREA SVOC-1	0.66	B29	ND	mg/kg	no	1.2		0.6
Hexachlorobenzene	AREA SVOC-1	0.66	B30	ND	mg/kg	no	1.1		0.55
Hexachlorobenzene	AREA SVOC-1	0.66	B31	ND	mg/kg	no	1.1		0.55
Hexachlorobenzene	AREA SVOC-1	0.66	B32	ND	mg/kg	no		5	
Hexachlorobenzene	AREA SVOC-1	0.66	B1A	ND	mg/kg	no		10	
Hexachlorobenzene	AREA SVOC-1	0.66	B2B	ND	mg/kg	no	1.2		0.6
Hexachlorobenzene	AREA SVOC-1	0.66	B3C	ND	mg/kg	no	1.1		0.55
Hexachlorobenzene	AREA SVOC-1	0.66	B4D	ND	mg/kg	no	1.1		0.55
Hexachlorobenzene	AREA SVOC-1	0.66	B5E	ND	mg/kg	no	1.4		0.7
Hexachlorobenzene	AREA SVOC-1	0.66	B6F	ND	mg/kg	no	1.7		0.85
Hexachlorobenzene	AREA SVOC-1	0.66	B11K	ND	mg/kg	no	1.4		0.7
Hexachlorobenzene	AREA SVOC-1	0.66	B12L	ND	mg/kg	no	1.3		0.65
Hexachlorobenzene	AREA SVOC-1	0.66	B16P	ND	mg/kg	no	1.1		0.55
Hexachlorobenzene	AREA SVOC-1	0.66	B17Q	ND	mg/kg	no	1.1		0.55
Hexachlorobenzene	AREA SVOC-1	0.66	B18R	ND	mg/kg	no	1.2		0.6
Hexachlorobenzene	AREA SVOC-1	0.66	B76	ND	mg/kg	no	1.2		0.6

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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-8 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Area	RDCSCC	Boring ID	Result	Units	Exceeds Criteria	MDL	Dilution Factor	Result Used for Average
Hexachlorobenzene	AREA SVOC-1	0.66	B171	ND	mg/kg	no	1.1		0.55
Hexachlorobenzene	AREA SVOC-1	0.66	B172	ND	mg/kg	no	1.1		0.55
Hexachlorobenzene	AREA SVOC-1	0.66	B173	ND	mg/kg	no	1.1		0.55
Hexachlorobenzene	AREA SVOC-1	0.66	B174	ND	mg/kg	no	1		0.5
Hexachlorobenzene	AREA SVOC-1	0.66	B175	ND	mg/kg	no	1.1		0.55
Hexachlorobenzene	AREA SVOC-1	0.66	B177	ND	mg/kg	no	1.2		0.6
Hexachlorobenzene	AREA SVOC-1	0.66	B178	ND	mg/kg	no	1		0.5
Hexachlorobenzene	AREA SVOC-1	0.66	B181	ND	mg/kg	no	1.2		0.6
Hexachlorobenzene	AREA SVOC-1	0.66	B182	ND	mg/kg	no	1.1		0.55
Hexachlorobenzene	AREA SVOC-1	0.66	B185	ND	mg/kg	no	1		0.5
Hexachlorobenzene	AREA SVOC-1	0.66	B186	ND	mg/kg	no	1.1		0.55
Hexachlorobenzene	AREA SVOC-1	0.66	B188	ND	mg/kg	no	1.1		0.55
Hexachlorobenzene	AREA SVOC-1	0.66	B196	ND	mg/kg	no	0.9		0.45
Hexachlorobenzene	AREA SVOC-1	0.66	B197	ND	mg/kg	no	0.99		0.495
Hexachlorobenzene	AREA SVOC-1	0.66	B199	ND	mg/kg	no	1.1		0.55
Hexachlorobenzene	AREA SVOC-1	0.66	B200	ND	mg/kg	no	1.1		0.55
Hexachlorobenzene	AREA SVOC-1	0.66	B202	ND	mg/kg	no	1.1		0.55
Hexachlorobenzene	AREA SVOC-1	0.66	B204	2.0	mg/kg	yes			2
Hexachlorobenzene	AREA SVOC-1	0.66	B205	ND	mg/kg	no	1.1		0.55
Hexachlorobenzene	AREA SVOC-1	0.66	B207	ND	mg/kg	no	1.1		0.55
Hexachlorobenzene	AREA SVOC-1	0.66	B224	ND	mg/kg	no	1.1		0.55
Hexachlorobenzene	AREA SVOC-1	0.66	B225	ND	mg/kg	no	1		0.5
Hexachlorobenzene	AREA SVOC-1	0.66	B226	ND	mg/kg	no	1.1		0.55
Hexachlorobenzene	AREA SVOC-1	0.66	B227	ND	mg/kg	no	1.1		0.55
Hexachlorobenzene	AREA SVOC-1	0.66	B230	ND	mg/kg	no	1.1		0.55
Hexachlorobenzene	AREA SVOC-1	0.66	B232	ND	mg/kg	no	1.1		0.55
Hexachlorobenzene	AREA SVOC-1	0.66	B233	ND	mg/kg	no	1.1		0.55
Hexachlorobenzene	AREA SVOC-1	0.66	B234	ND	mg/kg	no	1.1		0.55
Hexachlorobenzene	AREA SVOC-1	0.66	B235	ND	mg/kg	no	1.1		0.55
Hexachlorobenzene	AREA SVOC-1	0.66	B236	ND	mg/kg	no	1.1		0.55
Hexachlorobenzene	AREA SVOC-1	0.66	B237	ND	mg/kg	no	1.2		0.6
Hexachlorobenzene	AREA SVOC-1	0.66	B240	ND	mg/kg	no	1		0.5
Hexachlorobenzene	AREA SVOC-1	0.66	B241	ND	mg/kg	no	1		0.5
Hexachlorobenzene	AREA SVOC-1	0.66	B250	ND	mg/kg	no	1.1		0.55
						Compliance Average Result:			**0.593**

Indeno(1,2,3-cd)pyrene

AREA SVOC-1

Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B29	ND	mg/kg	no	1.2		0.6

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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-8 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Area	RDCSCC	Boring ID	Result	Units	Exceeds Criteria	MDL	Dilution Factor	Result Used for Average
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B30	ND	mg/kg	no	1.1		0.55
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B31	ND	mg/kg	no	1.1		0.55
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B32	1.3 JD	mg/kg	yes			1.3
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B1A	ND	mg/kg	no		10	
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B2B	0.13 J	mg/kg	no			0.13
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B3C	ND	mg/kg	no	1.1		0.55
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B4D	0.23 J	mg/kg	no			0.23
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B5E	ND	mg/kg	no	1.4		0.7
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B6F	ND	mg/kg	no	1.7		0.85
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B11K	0.25 J	mg/kg	no			0.25
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B12L	0.66 J	mg/kg	no			0.66
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B16P	ND	mg/kg	no	1.1		0.55
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B17Q	ND	mg/kg	no	1.1		0.55
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B18R	1.4	mg/kg	yes			1.4
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B76	ND	mg/kg	no	1.2		0.6
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B171	ND	mg/kg	no	1.1		0.55
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B172	ND	mg/kg	no	1.1		0.55
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B173	ND	mg/kg	no	1.1		0.55
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B174	0.35 J	mg/kg	no			0.35
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B175	0.26	mg/kg	no			0.26
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B177	0.39 J	mg/kg	no			0.39
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B178	ND	mg/kg	no	1		0.5
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B181	ND	mg/kg	no	1.2		0.6
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B182	0.36 J	mg/kg	no			0.36
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B185	ND	mg/kg	no	1		0.5
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B186	ND	mg/kg	no	1.1		0.55
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B188	ND	mg/kg	no	1.1		0.55
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B196	ND	mg/kg	no	0.9		0.45
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B197	ND	mg/kg	no	0.99		0.495
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B199	2.1	mg/kg	yes			2.1
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B200	ND	mg/kg	no	1.1		0.55
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B202	0.14 J	mg/kg	no			0.14
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B204	0.18 J	mg/kg	no			0.18
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B205	0.17 J	mg/kg	no			0.17
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B207	0.26 J	mg/kg	no			0.26
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B224	ND	mg/kg	no	1.1		0.55
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B225	ND	mg/kg	no	1		0.5
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B226	0.14 J	mg/kg	no			0.14
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B227	ND	mg/kg	no	1.1		0.55
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B230	ND	mg/kg	no	1.1		0.55
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B232	0.11 J	mg/kg	no			0.11

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

Table 4-5
Compliance Averaging Results
M-8 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Area	RDCSCC	Boring ID	Result	Units	Exceeds Criteria	MDL	Dilution Factor	Result Used for Average
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B233	ND	mg/kg	no	1.1		0.55
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B234	0.23 J	mg/kg	no			0.23
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B235	ND	mg/kg	no	1.1		0.55
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B236	ND	mg/kg	no	1.1		0.55
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B237	ND	mg/kg	no	1.2		0.6
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B240	0.12 J	mg/kg	no			0.12
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B241	0.12 J	mg/kg	no			0.12
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B250	3.1 JD	mg/kg	yes			3.1
						Compliance Average Result:			**0.566**

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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-8 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Area	RDCSCC	Boring ID	Result	Units	Exceeds Criteria	MDL	Dilution Factor	Result Used for Average
Pest/PCBs									
4,4'-DDD									
	AREA PESTPCB-1								
4,4'-DDD	AREA PESTPCB-1	3	B1A	0.073	mg/kg	no			0.073
4,4'-DDD	AREA PESTPCB-1	3	B117	0.156	mg/kg	no			0.156
4,4'-DDD	AREA PESTPCB-1	3	B119	0.080	mg/kg	no			0.08
4,4'-DDD	AREA PESTPCB-1	3	B120	ND	mg/kg	no		20	
4,4'-DDD	AREA PESTPCB-1	3	B121	0.026	mg/kg	no			0.026
4,4'-DDD	AREA PESTPCB-1	3	B122	0.022	mg/kg	no			0.022
4,4'-DDD	AREA PESTPCB-1	3	B123	0.059	mg/kg	no			0.059
4,4'-DDD	AREA PESTPCB-1	3	B124	0.02	mg/kg	no			0.02
4,4'-DDD	AREA PESTPCB-1	3	B171	0.016	mg/kg	no			0.016
4,4'-DDD	AREA PESTPCB-1	3	B172	0.060	mg/kg	no			0.06
4,4'-DDD	AREA PESTPCB-1	3	B173	0.022	mg/kg	no			0.022
4,4'-DDD	AREA PESTPCB-1	3	B176	0.115	mg/kg	no			0.115
4,4'-DDD	AREA PESTPCB-1	3	B177	0.212	mg/kg	no			0.212
4,4'-DDD	AREA PESTPCB-1	3	B179	0.084	mg/kg	no			0.084
4,4'-DDD	AREA PESTPCB-1	3	B180	0.04	mg/kg	no			0.04
4,4'-DDD	AREA PESTPCB-1	3	B181	1.833	mg/kg	no			1.833
4,4'-DDD	AREA PESTPCB-1	3	B182	1.171	mg/kg	no			1.171
4,4'-DDD	AREA PESTPCB-1	3	B183	0.039	mg/kg	no			0.039
4,4'-DDD	AREA PESTPCB-1	3	B184	ND	mg/kg	no		20	
4,4'-DDD	AREA PESTPCB-1	3	B185	0.102	mg/kg	no			0.102
4,4'-DDD	AREA PESTPCB-1	3	B186	0.347	mg/kg	no			0.347
4,4'-DDD	AREA PESTPCB-1	3	B187	0.043	mg/kg	no			0.043
4,4'-DDD	AREA PESTPCB-1	3	B188	0.651	mg/kg	no			0.651
4,4'-DDD	AREA PESTPCB-1	3	B189	ND	mg/kg	no		20	
4,4'-DDD	AREA PESTPCB-1	3	B190	0.208	mg/kg	no			0.208
4,4'-DDD	AREA PESTPCB-1	3	B191	0.228	mg/kg	no			0.228
4,4'-DDD	AREA PESTPCB-1	3	B192	0.055	mg/kg	no			0.055
4,4'-DDD	AREA PESTPCB-1	3	B193	ND	mg/kg	no	0.014		0.007
4,4'-DDD	AREA PESTPCB-1	3	B194	ND	mg/kg	no		20	
4,4'-DDD	AREA PESTPCB-1	3	B195	ND	mg/kg	no		20	
4,4'-DDD	AREA PESTPCB-1	3	B196	0.021	mg/kg	no			0.021
4,4'-DDD	AREA PESTPCB-1	3	B197	ND	mg/kg	no		20	
4,4'-DDD	AREA PESTPCB-1	3	B200	2.548	mg/kg	no			2.548
4,4'-DDD	AREA PESTPCB-1	3	B201	0.053	mg/kg	no			0.053
4,4'-DDD	AREA PESTPCB-1	3	B212	0.037	mg/kg	no			0.037

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

Table 4-5
Compliance Averaging Results
M-8 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Area	RDCSCC	Boring ID	Result	Units	Exceeds Criteria	MDL	Dilution Factor	Result Used for Average
4,4'-DDD	AREA PESTPCB-1	3	B214	0.132	mg/kg	no			0.132
4,4'-DDD	AREA PESTPCB-1	3	B220	9.331	mg/kg	yes			9.331
						Compliance Average Result:			**0.574**
	AREA PESTPCB-2								
4,4'-DDD	AREA PESTPCB-2	3	B37	0.042	mg/kg	no			0.042
4,4'-DDD	AREA PESTPCB-2	3	B38	0.03	mg/kg	no			0.03
4,4'-DDD	AREA PESTPCB-2	3	B39	0.053	mg/kg	no			0.053
4,4'-DDD	AREA PESTPCB-2	3	B22V	0.018	mg/kg	no			0.018
4,4'-DDD	AREA PESTPCB-2	3	B23W	0.029	mg/kg	no			0.029
4,4'-DDD	AREA PESTPCB-2	3	B24X	0.047	mg/kg	no			0.047
4,4'-DDD	AREA PESTPCB-2	3	B25Y	0.167	mg/kg	no			0.167
4,4'-DDD	AREA PESTPCB-2	3	B29CC	0.135	mg/kg	no			0.135
4,4'-DDD	AREA PESTPCB-2	3	B30DD	0.018	mg/kg	no			0.018
4,4'-DDD	AREA PESTPCB-2	3	B31EE	0.018	mg/kg	no			0.018
4,4'-DDD	AREA PESTPCB-2	3	B64	0.10	mg/kg	no			0.1
4,4'-DDD	AREA PESTPCB-2	3	B65	0.144	mg/kg	no			0.144
4,4'-DDD	AREA PESTPCB-2	3	B70	0.058	mg/kg	no			0.058
4,4'-DDD	AREA PESTPCB-2	3	B71	ND	mg/kg	no		20	
4,4'-DDD	AREA PESTPCB-2	3	B72	0.174	mg/kg	no			0.174
4,4'-DDD	AREA PESTPCB-2	3	B73	0.042	mg/kg	no			0.042
4,4'-DDD	AREA PESTPCB-2	3	B74	2.173	mg/kg	no			2.173
4,4'-DDD	AREA PESTPCB-2	3	B75	0.025	mg/kg	no			0.025
4,4'-DDD	AREA PESTPCB-2	3	B76	1.108	mg/kg	no			1.108
4,4'-DDD	AREA PESTPCB-2	3	B77	0.973	mg/kg	no			0.973
4,4'-DDD	AREA PESTPCB-2	3	B78	0.099	mg/kg	no			0.099
4,4'-DDD	AREA PESTPCB-2	3	B79	0.037	mg/kg	no			0.037
4,4'-DDD	AREA PESTPCB-2	3	B80	0.102	mg/kg	no			0.102
4,4'-DDD	AREA PESTPCB-2	3	B81	0.306	mg/kg	no			0.306
4,4'-DDD	AREA PESTPCB-2	3	B82	0.012	mg/kg	no			0.012
4,4'-DDD	AREA PESTPCB-2	3	B83	0.021	mg/kg	no			0.021
4,4'-DDD	AREA PESTPCB-2	3	B84	0.09	mg/kg	no			0.09
4,4'-DDD	AREA PESTPCB-2	3	B85	0.069	mg/kg	no			0.069
4,4'-DDD	AREA PESTPCB-2	3	B86	0.096	mg/kg	no			0.096
4,4'-DDD	AREA PESTPCB-2	3	B87	ND	mg/kg	no		20	
4,4'-DDD	AREA PESTPCB-2	3	B88	0.199	mg/kg	no			0.199
4,4'-DDD	AREA PESTPCB-2	3	B89	0.594	mg/kg	no			0.594
4,4'-DDD	AREA PESTPCB-2	3	B91	0.032	mg/kg	no			0.032
4,4'-DDD	AREA PESTPCB-2	3	B92	0.499	mg/kg	no			0.499
4,4'-DDD	AREA PESTPCB-2	3	B93	0.052	mg/kg	no			0.052
4,4'-DDD	AREA PESTPCB-2	3	B94	0.943	mg/kg	no			0.943

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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-8 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Area	RDCSCC	Boring ID	Result	Units	Exceeds Criteria	MDL	Dilution Factor	Result Used for Average
4,4'-DDD	AREA PESTPCB-2	3	B134	0.06	mg/kg	no			0.06
4,4'-DDD	AREA PESTPCB-2	3	B135	3.857	mg/kg	yes			3.857
4,4'-DDD	AREA PESTPCB-2	3	B137	1.179	mg/kg	no			1.179
4,4'-DDD	AREA PESTPCB-2	3	B139	0.194	mg/kg	no			0.194
4,4'-DDD	AREA PESTPCB-2	3	B140	ND	mg/kg	no		20	
4,4'-DDD	AREA PESTPCB-2	3	B142	0.066	mg/kg	no			0.066
4,4'-DDD	AREA PESTPCB-2	3	B143	0.021	mg/kg	no			0.021
4,4'-DDD	AREA PESTPCB-2	3	B144	ND	mg/kg	no		20	
4,4'-DDD	AREA PESTPCB-2	3	B145	0.054	mg/kg	no			0.054
4,4'-DDD	AREA PESTPCB-2	3	B147	0.616	mg/kg	no			0.616
4,4'-DDD	AREA PESTPCB-2	3	B149	0.267	mg/kg	no			0.267
4,4'-DDD	AREA PESTPCB-2	3	B150	0.135	mg/kg	no			0.135
4,4'-DDD	AREA PESTPCB-2	3	B153	ND	mg/kg	no		20	
						Compliance Average Result:			**0.340**

4,4'-DDE

AREA PESTPCB-1

4,4'-DDE	AREA PESTPCB-1	2	B1A	0.022	mg/kg	no			0.022
4,4'-DDE	AREA PESTPCB-1	2	B117	0.071	mg/kg	no			0.071
4,4'-DDE	AREA PESTPCB-1	2	B119	0.044	mg/kg	no			0.044
4,4'-DDE	AREA PESTPCB-1	2	B120	ND	mg/kg	no		20	
4,4'-DDE	AREA PESTPCB-1	2	B121	0.03	mg/kg	no			0.03
4,4'-DDE	AREA PESTPCB-1	2	B122	0.022	mg/kg	no			0.022
4,4'-DDE	AREA PESTPCB-1	2	B123	0.036	mg/kg	no			0.036
4,4'-DDE	AREA PESTPCB-1	2	B124	0.027	mg/kg	no			0.027
4,4'-DDE	AREA PESTPCB-1	2	B171	0.017	mg/kg	no			0.017
4,4'-DDE	AREA PESTPCB-1	2	B172	0.079	mg/kg	no			0.079
4,4'-DDE	AREA PESTPCB-1	2	B173	0.011	mg/kg	no			0.011
4,4'-DDE	AREA PESTPCB-1	2	B176	0.137	mg/kg	no			0.137
4,4'-DDE	AREA PESTPCB-1	2	B177	0.141	mg/kg	no			0.141
4,4'-DDE	AREA PESTPCB-1	2	B179	0.105	mg/kg	no			0.105
4,4'-DDE	AREA PESTPCB-1	2	B180	0.091	mg/kg	no			0.091
4,4'-DDE	AREA PESTPCB-1	2	B181	0.533	mg/kg	no			0.533
4,4'-DDE	AREA PESTPCB-1	2	B182	0.419	mg/kg	no			0.419
4,4'-DDE	AREA PESTPCB-1	2	B183	0.077	mg/kg	no			0.077
4,4'-DDE	AREA PESTPCB-1	2	B184	ND	mg/kg	no		20	
4,4'-DDE	AREA PESTPCB-1	2	B185	0.160	mg/kg	no			0.16
4,4'-DDE	AREA PESTPCB-1	2	B186	0.113	mg/kg	no			0.113
4,4'-DDE	AREA PESTPCB-1	2	B187	0.042	mg/kg	no			0.042

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-8 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Area	RDCSCC	Boring ID	Result	Units	Exceeds Criteria	MDL	Dilution Factor	Result Used for Average
4,4'-DDE	AREA PESTPCB-1	2	B188	0.409	mg/kg	no			0.409
4,4'-DDE	AREA PESTPCB-1	2	B189	ND	mg/kg	no		20	
4,4'-DDE	AREA PESTPCB-1	2	B190	0.173	mg/kg	no			0.173
4,4'-DDE	AREA PESTPCB-1	2	B191	0.200	mg/kg	no			0.2
4,4'-DDE	AREA PESTPCB-1	2	B192	0.023	mg/kg	no			0.023
4,4'-DDE	AREA PESTPCB-1	2	B193	ND	mg/kg	no		20	
4,4'-DDE	AREA PESTPCB-1	2	B194	ND	mg/kg	no		20	
4,4'-DDE	AREA PESTPCB-1	2	B195	ND	mg/kg	no		20	
4,4'-DDE	AREA PESTPCB-1	2	B196	0.019	mg/kg	no			0.019
4,4'-DDE	AREA PESTPCB-1	2	B197	ND	mg/kg	no		20	
4,4'-DDE	AREA PESTPCB-1	2	B200	2.108	mg/kg	yes			2.108
4,4'-DDE	AREA PESTPCB-1	2	B201	0.035	mg/kg	no			0.035
4,4'-DDE	AREA PESTPCB-1	2	B212	0.018	mg/kg	no			0.018
4,4'-DDE	AREA PESTPCB-1	2	B214	0.07	mg/kg	no			0.07
4,4'-DDE	AREA PESTPCB-1	2	B220	0.475	mg/kg	no			0.475
						Compliance Average Result:			**0.190**

4,4'-DDT

AREA PESTPCB-1

4,4'-DDT	AREA PESTPCB-1	2	B1A	0.10	mg/kg	no			0.1
4,4'-DDT	AREA PESTPCB-1	2	B117	1.025	mg/kg	no			1.025
4,4'-DDT	AREA PESTPCB-1	2	B119	0.181	mg/kg	no			0.181
4,4'-DDT	AREA PESTPCB-1	2	B120	ND	mg/kg	no		20	
4,4'-DDT	AREA PESTPCB-1	2	B121	ND	mg/kg	no		20	
4,4'-DDT	AREA PESTPCB-1	2	B122	0.074	mg/kg	no			0.074
4,4'-DDT	AREA PESTPCB-1	2	B123	0.075	mg/kg	no			0.075
4,4'-DDT	AREA PESTPCB-1	2	B124	0.062	mg/kg	no			0.062
4,4'-DDT	AREA PESTPCB-1	2	B171	ND	mg/kg	no		20	
4,4'-DDT	AREA PESTPCB-1	2	B172	0.245	mg/kg	no			0.245
4,4'-DDT	AREA PESTPCB-1	2	B173	ND	mg/kg	no		20	
4,4'-DDT	AREA PESTPCB-1	2	B176	0.289	mg/kg	no			0.289
4,4'-DDT	AREA PESTPCB-1	2	B177	0.075	mg/kg	no			0.075
4,4'-DDT	AREA PESTPCB-1	2	B179	0.232	mg/kg	no			0.232
4,4'-DDT	AREA PESTPCB-1	2	B180	0.239	mg/kg	no			0.239
4,4'-DDT	AREA PESTPCB-1	2	B181	0.787	mg/kg	no			0.787
4,4'-DDT	AREA PESTPCB-1	2	B182	0.691	mg/kg	no			0.691
4,4'-DDT	AREA PESTPCB-1	2	B183	0.124	mg/kg	no			0.124
4,4'-DDT	AREA PESTPCB-1	2	B184	0.032	mg/kg	no			0.032
4,4'-DDT	AREA PESTPCB-1	2	B185	0.293	mg/kg	no			0.293

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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-8 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Area	RDCSCC	Boring ID	Result	Units	Exceeds Criteria	MDL	Dilution Factor	Result Used for Average
4,4'-DDT	AREA PESTPCB-1	2	B186	0.117	mg/kg	no			0.117
4,4'-DDT	AREA PESTPCB-1	2	B187	0.035	mg/kg	no			0.035
4,4'-DDT	AREA PESTPCB-1	2	B188	0.229	mg/kg	no			0.229
4,4'-DDT	AREA PESTPCB-1	2	B189	ND	mg/kg	no		20	
4,4'-DDT	AREA PESTPCB-1	2	B190	0.186	mg/kg	no			0.186
4,4'-DDT	AREA PESTPCB-1	2	B191	0.185	mg/kg	no			0.185
4,4'-DDT	AREA PESTPCB-1	2	B192	0.272	mg/kg	no			0.272
4,4'-DDT	AREA PESTPCB-1	2	B193	ND	mg/kg	no		20	
4,4'-DDT	AREA PESTPCB-1	2	B194	ND	mg/kg	no		20	
4,4'-DDT	AREA PESTPCB-1	2	B195	ND	mg/kg	no		20	
4,4'-DDT	AREA PESTPCB-1	2	B196	0.056	mg/kg	no			0.056
4,4'-DDT	AREA PESTPCB-1	2	B197	ND	mg/kg	no		20	
4,4'-DDT	AREA PESTPCB-1	2	B200	3.771	mg/kg	yes			3.771
4,4'-DDT	AREA PESTPCB-1	2	B201	0.119	mg/kg	no			0.119
4,4'-DDT	AREA PESTPCB-1	2	B212	ND	mg/kg	no		20	
4,4'-DDT	AREA PESTPCB-1	2	B214	0.235	mg/kg	no			0.235
4,4'-DDT	AREA PESTPCB-1	2	B220	0.492	mg/kg	no			0.492
						Compliance Average Result:			**0.379**

Arochlor 1016

AREA PESTPCB-2

Arochlor 1016	AREA PESTPCB-2	0.49	B37	ND	mg/kg	no		20	
Arochlor 1016	AREA PESTPCB-2	0.49	B38	ND	mg/kg	no		20	
Arochlor 1016	AREA PESTPCB-2	0.49	B39	ND	mg/kg	no		20	
Arochlor 1016	AREA PESTPCB-2	0.49	B22V	ND	mg/kg	no		20	
Arochlor 1016	AREA PESTPCB-2	0.49	B23W	ND	mg/kg	no		20	
Arochlor 1016	AREA PESTPCB-2	0.49	B24X	ND	mg/kg	no		20	
Arochlor 1016	AREA PESTPCB-2	0.49	B25Y	ND	mg/kg	no		20	
Arochlor 1016	AREA PESTPCB-2	0.49	B29CC	ND	mg/kg	no		20	
Arochlor 1016	AREA PESTPCB-2	0.49	B30DD	ND	mg/kg	no		20	
Arochlor 1016	AREA PESTPCB-2	0.49	B31EE	ND	mg/kg	no		20	
Arochlor 1016	AREA PESTPCB-2	0.49	B64	4.763	mg/kg	yes			4.763
Arochlor 1016	AREA PESTPCB-2	0.49	B65	ND	mg/kg	no		20	
Arochlor 1016	AREA PESTPCB-2	0.49	B70	ND	mg/kg	no		20	
Arochlor 1016	AREA PESTPCB-2	0.49	B71	ND	mg/kg	no		20	
Arochlor 1016	AREA PESTPCB-2	0.49	B72	ND	mg/kg	no		20	
Arochlor 1016	AREA PESTPCB-2	0.49	B73	ND	mg/kg	no	0.264		0.132
Arochlor 1016	AREA PESTPCB-2	0.49	B74	ND	mg/kg	no	0.26		0.13
Arochlor 1016	AREA PESTPCB-2	0.49	B75	ND	mg/kg	no	0.246		0.123

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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-8 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Area	RDCSCC	Boring ID	Result	Units	Exceeds Criteria	MDL	Dilution Factor	Result Used for Average
Arochlor 1016	AREA PESTPCB-2	0.49	B76	ND	mg/kg	no	0.258		0.129
Arochlor 1016	AREA PESTPCB-2	0.49	B77	ND	mg/kg	no	0.248		0.124
Arochlor 1016	AREA PESTPCB-2	0.49	B78	ND	mg/kg	no	0.016		0.008
Arochlor 1016	AREA PESTPCB-2	0.49	B79	ND	mg/kg	no	0.258		0.129
Arochlor 1016	AREA PESTPCB-2	0.49	B80	ND	mg/kg	no		20	
Arochlor 1016	AREA PESTPCB-2	0.49	B81	ND	mg/kg	no		20	
Arochlor 1016	AREA PESTPCB-2	0.49	B82	ND	mg/kg	no		20	
Arochlor 1016	AREA PESTPCB-2	0.49	B83	ND	mg/kg	no		20	
Arochlor 1016	AREA PESTPCB-2	0.49	B84	ND	mg/kg	no		20	
Arochlor 1016	AREA PESTPCB-2	0.49	B85	ND	mg/kg	no		20	
Arochlor 1016	AREA PESTPCB-2	0.49	B86	ND	mg/kg	no	0.254		0.127
Arochlor 1016	AREA PESTPCB-2	0.49	B87	ND	mg/kg	no	0.028		0.014
Arochlor 1016	AREA PESTPCB-2	0.49	B88	ND	mg/kg	no		20	
Arochlor 1016	AREA PESTPCB-2	0.49	B89	ND	mg/kg	no	0.014		0.007
Arochlor 1016	AREA PESTPCB-2	0.49	B91	ND	mg/kg	no	0.02		0.01
Arochlor 1016	AREA PESTPCB-2	0.49	B92	ND	mg/kg	no	0.028		0.014
Arochlor 1016	AREA PESTPCB-2	0.49	B93	ND	mg/kg	no		20	
Arochlor 1016	AREA PESTPCB-2	0.49	B94	ND	mg/kg	no		20	
Arochlor 1016	AREA PESTPCB-2	0.49	B134	ND	mg/kg	no		5	
Arochlor 1016	AREA PESTPCB-2	0.49	B135	ND	mg/kg	no		5	
Arochlor 1016	AREA PESTPCB-2	0.49	B137	ND	mg/kg	no		20	
Arochlor 1016	AREA PESTPCB-2	0.49	B139	ND	mg/kg	no		20	
Arochlor 1016	AREA PESTPCB-2	0.49	B140	ND	mg/kg	no	0.0138	1	0.0069
Arochlor 1016	AREA PESTPCB-2	0.49	B142	ND	mg/kg	no		20	
Arochlor 1016	AREA PESTPCB-2	0.49	B143	ND	mg/kg	no		20	
Arochlor 1016	AREA PESTPCB-2	0.49	B144	ND	mg/kg	no		20	
Arochlor 1016	AREA PESTPCB-2	0.49	B145	ND	mg/kg	no		20	
Arochlor 1016	AREA PESTPCB-2	0.49	B147	ND	mg/kg	no		5	
Arochlor 1016	AREA PESTPCB-2	0.49	B149	ND	mg/kg	no		20	
Arochlor 1016	AREA PESTPCB-2	0.49	B150	ND	mg/kg	no		20	
Arochlor 1016	AREA PESTPCB-2	0.49	B153	ND	mg/kg	no	0.013		0.0065
						Compliance Average Result:			**0.382**

Arochlor 1260

AREA PESTPCB-1

Arochlor 1260	AREA PESTPCB-1	0.49	B1A	0.727	mg/kg	yes			0.727
Arochlor 1260	AREA PESTPCB-1	0.49	B117	ND	mg/kg	no		20	
Arochlor 1260	AREA PESTPCB-1	0.49	B119	ND	mg/kg	no		20	
Arochlor 1260	AREA PESTPCB-1	0.49	B120	3.406	mg/kg	yes			3.406

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

Table 4-5
Compliance Averaging Results
M-8 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Area	RDCSCC	Boring ID	Result	Units	Exceeds Criteria	MDL	Dilution Factor	Result Used for Average
Arochlor 1260	AREA PESTPCB-1	0.49	B121	ND	mg/kg	no		20	
Arochlor 1260	AREA PESTPCB-1	0.49	B122	ND	mg/kg	no		20	
Arochlor 1260	AREA PESTPCB-1	0.49	B123	ND	mg/kg	no		5	
Arochlor 1260	AREA PESTPCB-1	0.49	B124	0.665	mg/kg	yes			0.665
Arochlor 1260	AREA PESTPCB-1	0.49	B171	ND	mg/kg	no		20	
Arochlor 1260	AREA PESTPCB-1	0.49	B172	ND	mg/kg	no		20	
Arochlor 1260	AREA PESTPCB-1	0.49	B173	ND	mg/kg	no		20	
Arochlor 1260	AREA PESTPCB-1	0.49	B176	ND	mg/kg	no		20	
Arochlor 1260	AREA PESTPCB-1	0.49	B177	ND	mg/kg	no		20	
Arochlor 1260	AREA PESTPCB-1	0.49	B179	ND	mg/kg	no		20	
Arochlor 1260	AREA PESTPCB-1	0.49	B180	ND	mg/kg	no		20	
Arochlor 1260	AREA PESTPCB-1	0.49	B181	ND	mg/kg	no		20	
Arochlor 1260	AREA PESTPCB-1	0.49	B182	ND	mg/kg	no		20	
Arochlor 1260	AREA PESTPCB-1	0.49	B183	ND	mg/kg	no		20	
Arochlor 1260	AREA PESTPCB-1	0.49	B184	ND	mg/kg	no		20	
Arochlor 1260	AREA PESTPCB-1	0.49	B185	ND	mg/kg	no		20	
Arochlor 1260	AREA PESTPCB-1	0.49	B186	ND	mg/kg	no		20	
Arochlor 1260	AREA PESTPCB-1	0.49	B187	ND	mg/kg	no		20	
Arochlor 1260	AREA PESTPCB-1	0.49	B188	ND	mg/kg	no		20	
Arochlor 1260	AREA PESTPCB-1	0.49	B189	ND	mg/kg	no		20	
Arochlor 1260	AREA PESTPCB-1	0.49	B190	ND	mg/kg	no		20	
Arochlor 1260	AREA PESTPCB-1	0.49	B191	ND	mg/kg	no		20	
Arochlor 1260	AREA PESTPCB-1	0.49	B192	ND	mg/kg	no	0.078		0.039
Arochlor 1260	AREA PESTPCB-1	0.49	B193	ND	mg/kg	no		20	
Arochlor 1260	AREA PESTPCB-1	0.49	B194	ND	mg/kg	no	0.08		0.04
Arochlor 1260	AREA PESTPCB-1	0.49	B195	ND	mg/kg	no		20	
Arochlor 1260	AREA PESTPCB-1	0.49	B196	ND	mg/kg	no		20	
Arochlor 1260	AREA PESTPCB-1	0.49	B197	ND	mg/kg	no		20	
Arochlor 1260	AREA PESTPCB-1	0.49	B200	ND	mg/kg	no		20	
Arochlor 1260	AREA PESTPCB-1	0.49	B201	ND	mg/kg	no		20	
Arochlor 1260	AREA PESTPCB-1	0.49	B212	ND	mg/kg	no	0.08		0.04
Arochlor 1260	AREA PESTPCB-1	0.49	B214	3.268	mg/kg	yes			3.268
Arochlor 1260	AREA PESTPCB-1	0.49	B220	ND	mg/kg	no		20	
						Compliance Average Result:			**1.169**

Dieldrin

AREA PESTPCB-2

Dieldrin	AREA PESTPCB-2	0.042	B37	ND	mg/kg	no		20	
Dieldrin	AREA PESTPCB-2	0.042	B38	ND	mg/kg	no		20	

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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-8 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Area	RDCSCC	Boring ID	Result	Units	Exceeds Criteria	MDL	Dilution Factor	Result Used for Average
Dieldrin	AREA PESTPCB-2	0.042	B39	ND	mg/kg	no		20	
Dieldrin	AREA PESTPCB-2	0.042	B22V	ND	mg/kg	no		20	
Dieldrin	AREA PESTPCB-2	0.042	B23W	ND	mg/kg	no		20	
Dieldrin	AREA PESTPCB-2	0.042	B24X	ND	mg/kg	no		20	
Dieldrin	AREA PESTPCB-2	0.042	B25Y	ND	mg/kg	no		20	
Dieldrin	AREA PESTPCB-2	0.042	B29CC	ND	mg/kg	no		20	
Dieldrin	AREA PESTPCB-2	0.042	B30DD	ND	mg/kg	no		20	
Dieldrin	AREA PESTPCB-2	0.042	B31EE	ND	mg/kg	no		20	
Dieldrin	AREA PESTPCB-2	0.042	B64	ND	mg/kg	no	0.012		0.006
Dieldrin	AREA PESTPCB-2	0.042	B65	ND	mg/kg	no	0.02		0.01
Dieldrin	AREA PESTPCB-2	0.042	B70	ND	mg/kg	no		20	
Dieldrin	AREA PESTPCB-2	0.042	B71	ND	mg/kg	no		20	
Dieldrin	AREA PESTPCB-2	0.042	B72	ND	mg/kg	no		20	
Dieldrin	AREA PESTPCB-2	0.042	B73	ND	mg/kg	no	0.012		0.006
Dieldrin	AREA PESTPCB-2	0.042	B74	0.12	mg/kg	yes			0.12
Dieldrin	AREA PESTPCB-2	0.042	B75	ND	mg/kg	no	0.012		0.006
Dieldrin	AREA PESTPCB-2	0.042	B76	0.121	mg/kg	yes			0.121
Dieldrin	AREA PESTPCB-2	0.042	B77	0.128	mg/kg	yes			0.128
Dieldrin	AREA PESTPCB-2	0.042	B78	ND	mg/kg	no	0.014		0.007
Dieldrin	AREA PESTPCB-2	0.042	B79	0.015	mg/kg	no			0.015
Dieldrin	AREA PESTPCB-2	0.042	B80	ND	mg/kg	no	0.01		0.005
Dieldrin	AREA PESTPCB-2	0.042	B81	ND	mg/kg	no		20	
Dieldrin	AREA PESTPCB-2	0.042	B82	ND	mg/kg	no		20	
Dieldrin	AREA PESTPCB-2	0.042	B83	ND	mg/kg	no		20	
Dieldrin	AREA PESTPCB-2	0.042	B84	ND	mg/kg	no		20	
Dieldrin	AREA PESTPCB-2	0.042	B85	ND	mg/kg	no		20	
Dieldrin	AREA PESTPCB-2	0.042	B86	0.017	mg/kg	no			0.017
Dieldrin	AREA PESTPCB-2	0.042	B87	ND	mg/kg	no	0.026		0.013
Dieldrin	AREA PESTPCB-2	0.042	B88	ND	mg/kg	no	0.01		0.005
Dieldrin	AREA PESTPCB-2	0.042	B89	0.085	mg/kg	yes			0.085
Dieldrin	AREA PESTPCB-2	0.042	B91	ND	mg/kg	no	0.018		0.009
Dieldrin	AREA PESTPCB-2	0.042	B92	ND	mg/kg	no	0.026		0.013
Dieldrin	AREA PESTPCB-2	0.042	B93	ND	mg/kg	no		20	
Dieldrin	AREA PESTPCB-2	0.042	B94	0.017	mg/kg	no			0.017
Dieldrin	AREA PESTPCB-2	0.042	B134	ND	mg/kg	no		20	
Dieldrin	AREA PESTPCB-2	0.042	B135	ND	mg/kg	no		20	
Dieldrin	AREA PESTPCB-2	0.042	B137	ND	mg/kg	no		20	
Dieldrin	AREA PESTPCB-2	0.042	B139	ND	mg/kg	no		20	
Dieldrin	AREA PESTPCB-2	0.042	B140	ND	mg/kg	no		20	
Dieldrin	AREA PESTPCB-2	0.042	B142	ND	mg/kg	no		20	
Dieldrin	AREA PESTPCB-2	0.042	B143	0.017	mg/kg	no			0.017

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

Table 4-5
Compliance Averaging Results
M-8 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Area	RDCSCC	Boring ID	Result	Units	Exceeds Criteria	MDL	Dilution Factor	Result Used for Average
Dieldrin	AREA PESTPCB-2	0.042	B144	ND	mg/kg	no		20	
Dieldrin	AREA PESTPCB-2	0.042	B145	ND	mg/kg	no		20	
Dieldrin	AREA PESTPCB-2	0.042	B147	ND	mg/kg	no		20	
Dieldrin	AREA PESTPCB-2	0.042	B149	0.019	mg/kg	no			0.019
Dieldrin	AREA PESTPCB-2	0.042	B150	0.015	mg/kg	no			0.015
Dieldrin	AREA PESTPCB-2	0.042	B153	ND	mg/kg	no		20	
						Compliance Average Result:			**0.032**
	AREA PESTPCB-3								
Dieldrin	AREA PESTPCB-3	0.042	B158	ND	mg/kg	no	0.012		0.006
Dieldrin	AREA PESTPCB-3	0.042	B159	0.021	mg/kg	no			0.021
Dieldrin	AREA PESTPCB-3	0.042	B163	0.055	mg/kg	yes			0.055
Dieldrin	AREA PESTPCB-3	0.042	B164	ND	mg/kg	no	0.012		0.006
						Compliance Average Result:			**0.022**
Heptachlor									
	AREA PESTPCB-1								
Heptachlor	AREA PESTPCB-1	0.15	B1A	ND	mg/kg	no		20	
Heptachlor	AREA PESTPCB-1	0.15	B117	1.267	mg/kg	yes			1.267
Heptachlor	AREA PESTPCB-1	0.15	B119	ND	mg/kg	no		20	
Heptachlor	AREA PESTPCB-1	0.15	B120	ND	mg/kg	no		20	
Heptachlor	AREA PESTPCB-1	0.15	B121	ND	mg/kg	no		20	
Heptachlor	AREA PESTPCB-1	0.15	B122	ND	mg/kg	no		20	
Heptachlor	AREA PESTPCB-1	0.15	B123	ND	mg/kg	no		20	
Heptachlor	AREA PESTPCB-1	0.15	B124	ND	mg/kg	no		20	
Heptachlor	AREA PESTPCB-1	0.15	B171	ND	mg/kg	no		20	
Heptachlor	AREA PESTPCB-1	0.15	B172	ND	mg/kg	no		20	
Heptachlor	AREA PESTPCB-1	0.15	B173	ND	mg/kg	no		20	
Heptachlor	AREA PESTPCB-1	0.15	B176	ND	mg/kg	no		20	
Heptachlor	AREA PESTPCB-1	0.15	B177	ND	mg/kg	no		20	
Heptachlor	AREA PESTPCB-1	0.15	B179	ND	mg/kg	no		20	
Heptachlor	AREA PESTPCB-1	0.15	B180	ND	mg/kg	no		20	
Heptachlor	AREA PESTPCB-1	0.15	B181	ND	mg/kg	no		20	
Heptachlor	AREA PESTPCB-1	0.15	B182	ND	mg/kg	no		20	
Heptachlor	AREA PESTPCB-1	0.15	B183	ND	mg/kg	no		20	
Heptachlor	AREA PESTPCB-1	0.15	B184	ND	mg/kg	no		20	
Heptachlor	AREA PESTPCB-1	0.15	B185	ND	mg/kg	no		20	
Heptachlor	AREA PESTPCB-1	0.15	B186	ND	mg/kg	no		20	
Heptachlor	AREA PESTPCB-1	0.15	B187	ND	mg/kg	no		20	

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

Table 4-5
Compliance Averaging Results
M-8 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Area	RDCSCC	Boring ID	Result	Units	Exceeds Criteria	MDL	Dilution Factor	Result Used for Average
Heptachlor	AREA PESTPCB-1	0.15	B188	ND	mg/kg	no		20	
Heptachlor	AREA PESTPCB-1	0.15	B189	ND	mg/kg	no		20	
Heptachlor	AREA PESTPCB-1	0.15	B190	ND	mg/kg	no		20	
Heptachlor	AREA PESTPCB-1	0.15	B191	ND	mg/kg	no		20	
Heptachlor	AREA PESTPCB-1	0.15	B192	ND	mg/kg	no		20	
Heptachlor	AREA PESTPCB-1	0.15	B193	ND	mg/kg	no		20	
Heptachlor	AREA PESTPCB-1	0.15	B194	ND	mg/kg	no		20	
Heptachlor	AREA PESTPCB-1	0.15	B195	ND	mg/kg	no		20	
Heptachlor	AREA PESTPCB-1	0.15	B196	ND	mg/kg	no		20	
Heptachlor	AREA PESTPCB-1	0.15	B197	ND	mg/kg	no		20	
Heptachlor	AREA PESTPCB-1	0.15	B200	ND	mg/kg	no		20	
Heptachlor	AREA PESTPCB-1	0.15	B201	ND	mg/kg	no		20	
Heptachlor	AREA PESTPCB-1	0.15	B212	ND	mg/kg	no		20	
Heptachlor	AREA PESTPCB-1	0.15	B214	ND	mg/kg	no		20	
Heptachlor	AREA PESTPCB-1	0.15	B220	ND	mg/kg	no		20	
						Compliance Average Result:			**1.267**

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Table 4-5
Compliance Averaging Results
M-8 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Area	RDCSCC	Boring ID	Result	Units	Exceeds Criteria	MDL	Dilution Factor	Result Used for Average
Metals									
Barium									
	AREA METALS-1								
Barium	AREA METALS-1	700	B1	26.4	mg/kg	no			26.4
Barium	AREA METALS-1	700	B2	42.4	mg/kg	no			42.4
Barium	AREA METALS-1	700	B3	42.9	mg/kg	no			42.9
Barium	AREA METALS-1	700	B4	67.0	mg/kg	no			67
Barium	AREA METALS-1	700	B5	31.3	mg/kg	no			31.3
Barium	AREA METALS-1	700	B6	31.5	mg/kg	no			31.5
Barium	AREA METALS-1	700	B7	287	mg/kg	no			287
Barium	AREA METALS-1	700	B8	44.7	mg/kg	no			44.7
Barium	AREA METALS-1	700	B9	90.7	mg/kg	no			90.7
Barium	AREA METALS-1	700	B10	90.3	mg/kg	no			90.3
Barium	AREA METALS-1	700	B11	62.8	mg/kg	no			62.8
Barium	AREA METALS-1	700	B12	61.4	mg/kg	no			61.4
Barium	AREA METALS-1	700	B13	54.7	mg/kg	no			54.7
Barium	AREA METALS-1	700	B14	23.7	mg/kg	no			23.7
Barium	AREA METALS-1	700	B15	36.6	mg/kg	no			36.6
Barium	AREA METALS-1	700	B16	32.6	mg/kg	no			32.6
Barium	AREA METALS-1	700	B17	28.6	mg/kg	no			28.6
Barium	AREA METALS-1	700	B18	51.4	mg/kg	no			51.4
Barium	AREA METALS-1	700	B19	18.1	mg/kg	no			18.1
Barium	AREA METALS-1	700	B20	27.4	mg/kg	no			27.4
Barium	AREA METALS-1	700	B21	48.3	mg/kg	no			48.3
Barium	AREA METALS-1	700	B22	72.5	mg/kg	no			72.5
Barium	AREA METALS-1	700	B23	52.8	mg/kg	no			52.8
Barium	AREA METALS-1	700	B24	40.4	mg/kg	no			40.4
Barium	AREA METALS-1	700	B25	31.1	mg/kg	no			31.1
Barium	AREA METALS-1	700	B26	44.1	mg/kg	no			44.1
Barium	AREA METALS-1	700	B27	66.1	mg/kg	no			66.1
Barium	AREA METALS-1	700	B28	37.4	mg/kg	no			37.4
Barium	AREA METALS-1	700	B29	46.6	mg/kg	no			46.6
Barium	AREA METALS-1	700	B30	35.0	mg/kg	no			35
Barium	AREA METALS-1	700	B31	69.8	mg/kg	no			69.8
Barium	AREA METALS-1	700	B32	44.0	mg/kg	no			44
Barium	AREA METALS-1	700	B33	57.0	mg/kg	no			57
Barium	AREA METALS-1	700	B34	45.1	mg/kg	no			45.1
Barium	AREA METALS-1	700	B35	36.8	mg/kg	no			36.8

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Table 4-5
Compliance Averaging Results
M-8 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Area	RDCSCC	Boring ID	Result	Units	Exceeds Criteria	MDL	Dilution Factor	Result Used for Average
Barium	AREA METALS-1	700	B36	282	mg/kg	no			282
Barium	AREA METALS-1	700	B37	135	mg/kg	no			135
Barium	AREA METALS-1	700	B38	61.4	mg/kg	no			61.4
Barium	AREA METALS-1	700	B39	31.6	mg/kg	no			31.6
Barium	AREA METALS-1	700	B40	39.5	mg/kg	no			39.5
Barium	AREA METALS-1	700	B41	41.8	mg/kg	no			41.8
Barium	AREA METALS-1	700	B1A	35.6	mg/kg	no			35.6
Barium	AREA METALS-1	700	B2B	55.5	mg/kg	no			55.5
Barium	AREA METALS-1	700	B3C	47.4	mg/kg	no			47.4
Barium	AREA METALS-1	700	B4D	61.4	mg/kg	no			61.4
Barium	AREA METALS-1	700	B5E	101	mg/kg	no			101
Barium	AREA METALS-1	700	B6F	78.6	mg/kg	no			78.6
Barium	AREA METALS-1	700	B7G	51.7	mg/kg	no			51.7
Barium	AREA METALS-1	700	B8H	68.8	mg/kg	no			68.8
Barium	AREA METALS-1	700	B9I	63.9	mg/kg	no			63.9
Barium	AREA METALS-1	700	B10J	27.1	mg/kg	no			27.1
Barium	AREA METALS-1	700	B11K	185	mg/kg	no			185
Barium	AREA METALS-1	700	B12L	87.9	mg/kg	no			87.9
Barium	AREA METALS-1	700	B13M	61.9	mg/kg	no			61.9
Barium	AREA METALS-1	700	B14N	80.4	mg/kg	no			80.4
Barium	AREA METALS-1	700	B15O	19.0	mg/kg	no			19
Barium	AREA METALS-1	700	B16P	38.4	mg/kg	no			38.4
Barium	AREA METALS-1	700	B17Q	22.7	mg/kg	no			22.7
Barium	AREA METALS-1	700	B18R	40.4	mg/kg	no			40.4
Barium	AREA METALS-1	700	B19S	48.5	mg/kg	no			48.5
Barium	AREA METALS-1	700	B20T	67.3	mg/kg	no			67.3
Barium	AREA METALS-1	700	B21U	66.1	mg/kg	no			66.1
Barium	AREA METALS-1	700	B22V	27.8	mg/kg	no			27.8
Barium	AREA METALS-1	700	B23W	23.6	mg/kg	no			23.6
Barium	AREA METALS-1	700	B24X	40.6	mg/kg	no			40.6
Barium	AREA METALS-1	700	B25Y	30.1	mg/kg	no			30.1
Barium	AREA METALS-1	700	B26Z	26.0	mg/kg	no			26
Barium	AREA METALS-1	700	B27AA	50.4	mg/kg	no			50.4
Barium	AREA METALS-1	700	B28BB	107	mg/kg	no			107
Barium	AREA METALS-1	700	B29CC	60.8	mg/kg	no			60.8
Barium	AREA METALS-1	700	B30DD	23.8	mg/kg	no			23.8
Barium	AREA METALS-1	700	B31EE	132	mg/kg	no			132
Barium	AREA METALS-1	700	B32FF	64.7	mg/kg	no			64.7
Barium	AREA METALS-1	700	B33GG	68.1	mg/kg	no			68.1
Barium	AREA METALS-1	700	B34HH	44.4	mg/kg	no			44.4
Barium	AREA METALS-1	700	B35II	40.0	mg/kg	no			40

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Table 4-5
Compliance Averaging Results
M-8 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Area	RDCSCC	Boring ID	Result	Units	Exceeds Criteria	MDL	Dilution Factor	Result Used for Average
Barium	AREA METALS-1	700	B36JJ	64.6	mg/kg	no			64.6
Barium	AREA METALS-1	700	B37KK	41.7	mg/kg	no			41.7
Barium	AREA METALS-1	700	B38LL	37.8	mg/kg	no			37.8
Barium	AREA METALS-1	700	B39MM	60.9	mg/kg	no			60.9
Barium	AREA METALS-1	700	B40NN	131	mg/kg	no			131
Barium	AREA METALS-1	700	B41OO	38.4	mg/kg	no			38.4
Barium	AREA METALS-1	700	B42PP	68.2	mg/kg	no			68.2
Barium	AREA METALS-1	700	B43	63.9	mg/kg	no			63.9
Barium	AREA METALS-1	700	B44	12.0	mg/kg	no			12
Barium	AREA METALS-1	700	B45	62.5	mg/kg	no			62.5
Barium	AREA METALS-1	700	B46	57.6	mg/kg	no			57.6
Barium	AREA METALS-1	700	B47	40.3	mg/kg	no			40.3
Barium	AREA METALS-1	700	B48	55.1	mg/kg	no			55.1
Barium	AREA METALS-1	700	B49	157	mg/kg	no			157
Barium	AREA METALS-1	700	B50	45.0	mg/kg	no			45
Barium	AREA METALS-1	700	B51	26.7	mg/kg	no			26.7
Barium	AREA METALS-1	700	B52	58.2	mg/kg	no			58.2
Barium	AREA METALS-1	700	B53	39.3	mg/kg	no			39.3
Barium	AREA METALS-1	700	B54	32.7	mg/kg	no			32.7
Barium	AREA METALS-1	700	B55	10.7	mg/kg	no			10.7
Barium	AREA METALS-1	700	B56	30.9	mg/kg	no			30.9
Barium	AREA METALS-1	700	B57	79.3	mg/kg	no			79.3
Barium	AREA METALS-1	700	B58	66.8	mg/kg	no			66.8
Barium	AREA METALS-1	700	B59	64.1	mg/kg	no			64.1
Barium	AREA METALS-1	700	B60	43.3	mg/kg	no			43.3
Barium	AREA METALS-1	700	B61	53.6	mg/kg	no			53.6
Barium	AREA METALS-1	700	B62	85.0	mg/kg	no			85
Barium	AREA METALS-1	700	B63	39.8	mg/kg	no			39.8
Barium	AREA METALS-1	700	B64	83.2	mg/kg	no			83.2
Barium	AREA METALS-1	700	B65	498	mg/kg	no			498
Barium	AREA METALS-1	700	B66	35.6	mg/kg	no			35.6
Barium	AREA METALS-1	700	B67	48.2	mg/kg	no			48.2
Barium	AREA METALS-1	700	B68	66.9	mg/kg	no			66.9
Barium	AREA METALS-1	700	B69	28.0	mg/kg	no			28
Barium	AREA METALS-1	700	B70	46.9	mg/kg	no			46.9
Barium	AREA METALS-1	700	B71	20.4	mg/kg	no			20.4
Barium	AREA METALS-1	700	B72	85.3	mg/kg	no			85.3
Barium	AREA METALS-1	700	B73	94.3	mg/kg	no			94.3
Barium	AREA METALS-1	700	B74	304	mg/kg	no			304
Barium	AREA METALS-1	700	B75	60.6	mg/kg	no			60.6
Barium	AREA METALS-1	700	B76	66.9	mg/kg	no			66.9

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Table 4-5
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M-8 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Area	RDCSCC	Boring ID	Result	Units	Exceeds Criteria	MDL	Dilution Factor	Result Used for Average
Barium	AREA METALS-1	700	B77	117	mg/kg	no			117
Barium	AREA METALS-1	700	B78	86.4	mg/kg	no			86.4
Barium	AREA METALS-1	700	B79	50.2	mg/kg	no			50.2
Barium	AREA METALS-1	700	B80	16.3	mg/kg	no			16.3
Barium	AREA METALS-1	700	B81	65.0	mg/kg	no			65
Barium	AREA METALS-1	700	B82	36.3	mg/kg	no			36.3
Barium	AREA METALS-1	700	B83	58.1	mg/kg	no			58.1
Barium	AREA METALS-1	700	B84	38.1	mg/kg	no			38.1
Barium	AREA METALS-1	700	B85	447	mg/kg	no			447
Barium	AREA METALS-1	700	B86	569	mg/kg	no			569
Barium	AREA METALS-1	700	B87	162	mg/kg	no			162
Barium	AREA METALS-1	700	B88	29.4	mg/kg	no			29.4
Barium	AREA METALS-1	700	B89	40.7	mg/kg	no			40.7
Barium	AREA METALS-1	700	B90	35.7	mg/kg	no			35.7
Barium	AREA METALS-1	700	B91	303	mg/kg	no			303
Barium	AREA METALS-1	700	B92	88.8	mg/kg	no			88.8
Barium	AREA METALS-1	700	B93	51.2	mg/kg	no			51.2
Barium	AREA METALS-1	700	B94	86.1	mg/kg	no			86.1
Barium	AREA METALS-1	700	B95	23.1	mg/kg	no			23.1
Barium	AREA METALS-1	700	B96	67.4	mg/kg	no			67.4
Barium	AREA METALS-1	700	B97	47.2	mg/kg	no			47.2
Barium	AREA METALS-1	700	B98	37.4	mg/kg	no			37.4
Barium	AREA METALS-1	700	B99	42.4	mg/kg	no			42.4
Barium	AREA METALS-1	700	B100	43.7	mg/kg	no			43.7
Barium	AREA METALS-1	700	B101	34.2	mg/kg	no			34.2
Barium	AREA METALS-1	700	B102	30.3	mg/kg	no			30.3
Barium	AREA METALS-1	700	B103	57.1	mg/kg	no			57.1
Barium	AREA METALS-1	700	B104	135	mg/kg	no			135
Barium	AREA METALS-1	700	B105	123	mg/kg	no			123
Barium	AREA METALS-1	700	B106	79.7	mg/kg	no			79.7
Barium	AREA METALS-1	700	B107	48.7	mg/kg	no			48.7
Barium	AREA METALS-1	700	B108	59.6	mg/kg	no			59.6
Barium	AREA METALS-1	700	B109	35.1	mg/kg	no			35.1
Barium	AREA METALS-1	700	B110	67.2	mg/kg	no			67.2
Barium	AREA METALS-1	700	B111	64.4	mg/kg	no			64.4
Barium	AREA METALS-1	700	B112	32.3	mg/kg	no			32.3
Barium	AREA METALS-1	700	B113	61.2	mg/kg	no			61.2
Barium	AREA METALS-1	700	B114	36.0	mg/kg	no			36
Barium	AREA METALS-1	700	B115	82.9	mg/kg	no			82.9
Barium	AREA METALS-1	700	B116	51.4	mg/kg	no			51.4
Barium	AREA METALS-1	700	B117	78.1	mg/kg	no			78.1

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

Table 4-5
Compliance Averaging Results
M-8 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Area	RDCSCC	Boring ID	Result	Units	Exceeds Criteria	MDL	Dilution Factor	Result Used for Average
Barium	AREA METALS-1	700	B118	38.9	mg/kg	no			38.9
Barium	AREA METALS-1	700	B119	50.6	mg/kg	no			50.6
Barium	AREA METALS-1	700	B120	11.2	mg/kg	no			11.2
Barium	AREA METALS-1	700	B121	56.2	mg/kg	no			56.2
Barium	AREA METALS-1	700	B122	55.0	mg/kg	no			55
Barium	AREA METALS-1	700	B123	77.2	mg/kg	no			77.2
Barium	AREA METALS-1	700	B124	51.4	mg/kg	no			51.4
Barium	AREA METALS-1	700	B125	40.3	mg/kg	no			40.3
Barium	AREA METALS-1	700	B126	27.2	mg/kg	no			27.2
Barium	AREA METALS-1	700	B127	13.7	mg/kg	no			13.7
Barium	AREA METALS-1	700	B128	47.2	mg/kg	no			47.2
Barium	AREA METALS-1	700	B129	53.0	mg/kg	no			53
Barium	AREA METALS-1	700	B130	41.4	mg/kg	no			41.4
Barium	AREA METALS-1	700	B131	50.6	mg/kg	no			50.6
Barium	AREA METALS-1	700	B132	28.3	mg/kg	no			28.3
Barium	AREA METALS-1	700	B133	19.0	mg/kg	no			19
Barium	AREA METALS-1	700	B134	60.5	mg/kg	no			60.5
Barium	AREA METALS-1	700	B135	783	mg/kg	yes			783
Barium	AREA METALS-1	700	B136	11.2	mg/kg	no			11.2
Barium	AREA METALS-1	700	B137	208	mg/kg	no			208
Barium	AREA METALS-1	700	B138	27.8	mg/kg	no			27.8
Barium	AREA METALS-1	700	B139	46.9	mg/kg	no			46.9
Barium	AREA METALS-1	700	B140	58.5	mg/kg	no			58.5
Barium	AREA METALS-1	700	B141	984	mg/kg	yes			984
Barium	AREA METALS-1	700	B142	74.6	mg/kg	no			74.6
Barium	AREA METALS-1	700	B143	17.9	mg/kg	no			17.9
Barium	AREA METALS-1	700	B144	37.3	mg/kg	no			37.3
Barium	AREA METALS-1	700	B145	13.9	mg/kg	no			13.9
Barium	AREA METALS-1	700	B146	53.8	mg/kg	no			53.8
Barium	AREA METALS-1	700	B147	112	mg/kg	no			112
Barium	AREA METALS-1	700	B148	39.8	mg/kg	no			39.8
Barium	AREA METALS-1	700	B149	51.5	mg/kg	no			51.5
Barium	AREA METALS-1	700	B150	43.1	mg/kg	no			43.1
Barium	AREA METALS-1	700	B151	50.3	mg/kg	no			50.3
Barium	AREA METALS-1	700	B152	17.1	mg/kg	no			17.1
Barium	AREA METALS-1	700	B153	57.5	mg/kg	no			57.5
Barium	AREA METALS-1	700	B154	89.0	mg/kg	no			89
Barium	AREA METALS-1	700	B155	12.8	mg/kg	no			12.8
Barium	AREA METALS-1	700	B156	56.9	mg/kg	no			56.9
Barium	AREA METALS-1	700	B157	87.4	mg/kg	no			87.4
Barium	AREA METALS-1	700	B158	87.7	mg/kg	no			87.7

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

Table 4-5
Compliance Averaging Results
M-8 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Area	RDCSCC	Boring ID	Result	Units	Exceeds Criteria	MDL	Dilution Factor	Result Used for Average
Barium	AREA METALS-1	700	B159	50.2	mg/kg	no			50.2
Barium	AREA METALS-1	700	B160	86.1	mg/kg	no			86.1
Barium	AREA METALS-1	700	B161	16.9	mg/kg	no			16.9
Barium	AREA METALS-1	700	B162	88.4	mg/kg	no			88.4
Barium	AREA METALS-1	700	B163	129	mg/kg	no			129
Barium	AREA METALS-1	700	B164	39.2	mg/kg	no			39.2
Barium	AREA METALS-1	700	B165	53.3	mg/kg	no			53.3
Barium	AREA METALS-1	700	B166	40.8	mg/kg	no			40.8
Barium	AREA METALS-1	700	B167	78.3	mg/kg	no			78.3
Barium	AREA METALS-1	700	B168	60.2	mg/kg	no			60.2
Barium	AREA METALS-1	700	B169	68.8	mg/kg	no			68.8
Barium	AREA METALS-1	700	B170	70.6	mg/kg	no			70.6
Barium	AREA METALS-1	700	B171	30.3	mg/kg	no			30.3
Barium	AREA METALS-1	700	B172	51.3	mg/kg	no			51.3
Barium	AREA METALS-1	700	B173	61.2	mg/kg	no			61.2
Barium	AREA METALS-1	700	B174	21.5	mg/kg	no			21.5
Barium	AREA METALS-1	700	B175	15.0	mg/kg	no			15
Barium	AREA METALS-1	700	B176	79.3	mg/kg	no			79.3
Barium	AREA METALS-1	700	B177	54.9	mg/kg	no			54.9
Barium	AREA METALS-1	700	B178	66.4	mg/kg	no			66.4
Barium	AREA METALS-1	700	B179	84.8	mg/kg	no			84.8
Barium	AREA METALS-1	700	B180	286	mg/kg	no			286
Barium	AREA METALS-1	700	B181	53.3	mg/kg	no			53.3
Barium	AREA METALS-1	700	B182	80.1	mg/kg	no			80.1
Barium	AREA METALS-1	700	B183	46.0	mg/kg	no			46
Barium	AREA METALS-1	700	B184	37.0	mg/kg	no			37
Barium	AREA METALS-1	700	B185	9.88	mg/kg	no			9.88
Barium	AREA METALS-1	700	B186	41.1	mg/kg	no			41.1
Barium	AREA METALS-1	700	B187	30.1	mg/kg	no			30.1
Barium	AREA METALS-1	700	B188	77.0	mg/kg	no			77
Barium	AREA METALS-1	700	B189	19.7	mg/kg	no			19.7
Barium	AREA METALS-1	700	B190	53.8	mg/kg	no			53.8
Barium	AREA METALS-1	700	B191	43.8	mg/kg	no			43.8
Barium	AREA METALS-1	700	B192	34.0	mg/kg	no			34
Barium	AREA METALS-1	700	B193	16.5	mg/kg	no			16.5
Barium	AREA METALS-1	700	B194	12.1	mg/kg	no			12.1
Barium	AREA METALS-1	700	B195	29.8	mg/kg	no			29.8
Barium	AREA METALS-1	700	B196	86.1	mg/kg	no			86.1
Barium	AREA METALS-1	700	B197	23.9	mg/kg	no			23.9
Barium	AREA METALS-1	700	B198	49.6	mg/kg	no			49.6
Barium	AREA METALS-1	700	B199	40.8	mg/kg	no			40.8

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Table 4-5
Compliance Averaging Results
M-8 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Area	RDCSCC	Boring ID	Result	Units	Exceeds Criteria	MDL	Dilution Factor	Result Used for Average
Barium	AREA METALS-1	700	B200	47.3	mg/kg	no			47.3
Barium	AREA METALS-1	700	B201	35.0	mg/kg	no			35
Barium	AREA METALS-1	700	B202	82.6	mg/kg	no			82.6
Barium	AREA METALS-1	700	B203	35.6	mg/kg	no			35.6
Barium	AREA METALS-1	700	B204	116	mg/kg	no			116
Barium	AREA METALS-1	700	B205	53.2	mg/kg	no			53.2
Barium	AREA METALS-1	700	B206	33.7	mg/kg	no			33.7
Barium	AREA METALS-1	700	B207	52.8	mg/kg	no			52.8
Barium	AREA METALS-1	700	B208	29.0	mg/kg	no			29
Barium	AREA METALS-1	700	B209	27.5	mg/kg	no			27.5
Barium	AREA METALS-1	700	B210	37.6	mg/kg	no			37.6
Barium	AREA METALS-1	700	B211	66.7	mg/kg	no			66.7
Barium	AREA METALS-1	700	B212	34.9	mg/kg	no			34.9
Barium	AREA METALS-1	700	B213	54.2	mg/kg	no			54.2
Barium	AREA METALS-1	700	B214	70.3	mg/kg	no			70.3
Barium	AREA METALS-1	700	B215	16.5	mg/kg	no			16.5
Barium	AREA METALS-1	700	B216	20.3	mg/kg	no			20.3
Barium	AREA METALS-1	700	B217	93.0	mg/kg	no			93
Barium	AREA METALS-1	700	B218	14.5	mg/kg	no			14.5
Barium	AREA METALS-1	700	B219	50.4	mg/kg	no			50.4
Barium	AREA METALS-1	700	B220	569	mg/kg	no			569
Barium	AREA METALS-1	700	B221	103	mg/kg	no			103
Barium	AREA METALS-1	700	B222	16.9	mg/kg	no			16.9
Barium	AREA METALS-1	700	B223	40.9	mg/kg	no			40.9
Barium	AREA METALS-1	700	B224	27.5	mg/kg	no			27.5
Barium	AREA METALS-1	700	B225	45.4	mg/kg	no			45.4
Barium	AREA METALS-1	700	B226	50.4	mg/kg	no			50.4
Barium	AREA METALS-1	700	B227	26.0	mg/kg	no			26
Barium	AREA METALS-1	700	B228	31.9	mg/kg	no			31.9
Barium	AREA METALS-1	700	B229	26.6	mg/kg	no			26.6
Barium	AREA METALS-1	700	B230	48.1	mg/kg	no			48.1
Barium	AREA METALS-1	700	B231	37.1	mg/kg	no			37.1
Barium	AREA METALS-1	700	B232	33.4	mg/kg	no			33.4
Barium	AREA METALS-1	700	B233	80.6	mg/kg	no			80.6
Barium	AREA METALS-1	700	B234	46.5	mg/kg	no			46.5
Barium	AREA METALS-1	700	B235	11.0	mg/kg	no			11
Barium	AREA METALS-1	700	B236	103	mg/kg	no			103
Barium	AREA METALS-1	700	B237	104	mg/kg	no			104
Barium	AREA METALS-1	700	B238	38.3	mg/kg	no			38.3
Barium	AREA METALS-1	700	B239	38.5	mg/kg	no			38.5
Barium	AREA METALS-1	700	B240	39.7	mg/kg	no			39.7

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Table 4-5
Compliance Averaging Results
M-8 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Area	RDCSCC	Boring ID	Result	Units	Exceeds Criteria	MDL	Dilution Factor	Result Used for Average
Barium	AREA METALS-1	700	B241	60.5	mg/kg	no			60.5
Barium	AREA METALS-1	700	B242	35.6	mg/kg	no			35.6
Barium	AREA METALS-1	700	B243	44.5	mg/kg	no			44.5
Barium	AREA METALS-1	700	B244	49.8	mg/kg	no			49.8
Barium	AREA METALS-1	700	B245	32.8	mg/kg	no			32.8
Barium	AREA METALS-1	700	B246	81.9	mg/kg	no			81.9
Barium	AREA METALS-1	700	B247	57.0	mg/kg	no			57
Barium	AREA METALS-1	700	B248	84.7	mg/kg	no			84.7
Barium	AREA METALS-1	700	B249	103	mg/kg	no			103
Barium	AREA METALS-1	700	B250	67.9	mg/kg	no			67.9
						Compliance Average Result:			**69.785**

Copper

AREA METALS-1

Copper	AREA METALS-1	600	B1	4.99	mg/kg	no			4.99
Copper	AREA METALS-1	600	B2	14.1	mg/kg	no			14.1
Copper	AREA METALS-1	600	B3	11.4	mg/kg	no			11.4
Copper	AREA METALS-1	600	B4	25.0	mg/kg	no			25
Copper	AREA METALS-1	600	B5	4.84	mg/kg	no			4.84
Copper	AREA METALS-1	600	B6	16.8	mg/kg	no			16.8
Copper	AREA METALS-1	600	B7	24.1	mg/kg	no			24.1
Copper	AREA METALS-1	600	B8	13.2	mg/kg	no			13.2
Copper	AREA METALS-1	600	B9	43.2	mg/kg	no			43.2
Copper	AREA METALS-1	600	B10	11.3	mg/kg	no			11.3
Copper	AREA METALS-1	600	B11	20.0	mg/kg	no			20
Copper	AREA METALS-1	600	B12	19.2	mg/kg	no			19.2
Copper	AREA METALS-1	600	B13	31.3	mg/kg	no			31.3
Copper	AREA METALS-1	600	B14	30.5	mg/kg	no			30.5
Copper	AREA METALS-1	600	B15	29.9	mg/kg	no			29.9
Copper	AREA METALS-1	600	B16	61.8	mg/kg	no			61.8
Copper	AREA METALS-1	600	B17	1160	mg/kg	yes			1160
Copper	AREA METALS-1	600	B18	74.6	mg/kg	no			74.6
Copper	AREA METALS-1	600	B19	10.0	mg/kg	no			10
Copper	AREA METALS-1	600	B20	14.9	mg/kg	no			14.9
Copper	AREA METALS-1	600	B21	16.5	mg/kg	no			16.5
Copper	AREA METALS-1	600	B22	43.4	mg/kg	no			43.4
Copper	AREA METALS-1	600	B23	49.2	mg/kg	no			49.2
Copper	AREA METALS-1	600	B24	25.1	mg/kg	no			25.1
Copper	AREA METALS-1	600	B25	29.8	mg/kg	no			29.8

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Table 4-5
Compliance Averaging Results
M-8 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Area	RDCSCC	Boring ID	Result	Units	Exceeds Criteria	MDL	Dilution Factor	Result Used for Average
Copper	AREA METALS-1	600	B26	87.1	mg/kg	no			87.1
Copper	AREA METALS-1	600	B27	25.5	mg/kg	no			25.5
Copper	AREA METALS-1	600	B28	13.9	mg/kg	no			13.9
Copper	AREA METALS-1	600	B29	10.4	mg/kg	no			10.4
Copper	AREA METALS-1	600	B30	10.1	mg/kg	no			10.1
Copper	AREA METALS-1	600	B31	17.3	mg/kg	no			17.3
Copper	AREA METALS-1	600	B32	8.99	mg/kg	no			8.99
Copper	AREA METALS-1	600	B33	20.9	mg/kg	no			20.9
Copper	AREA METALS-1	600	B34	15.2	mg/kg	no			15.2
Copper	AREA METALS-1	600	B35	8.85	mg/kg	no			8.85
Copper	AREA METALS-1	600	B36	26.3	mg/kg	no			26.3
Copper	AREA METALS-1	600	B37	35.4	mg/kg	no			35.4
Copper	AREA METALS-1	600	B38	28.8	mg/kg	no			28.8
Copper	AREA METALS-1	600	B39	15.8	mg/kg	no			15.8
Copper	AREA METALS-1	600	B40	354	mg/kg	no			354
Copper	AREA METALS-1	600	B41	80.6	mg/kg	no			80.6
Copper	AREA METALS-1	600	B1A	26.3	mg/kg	no			26.3
Copper	AREA METALS-1	600	B2B	46.1	mg/kg	no			46.1
Copper	AREA METALS-1	600	B3C	66.2	mg/kg	no			66.2
Copper	AREA METALS-1	600	B4D	34.8	mg/kg	no			34.8
Copper	AREA METALS-1	600	B5E	38.1	mg/kg	no			38.1
Copper	AREA METALS-1	600	B6F	56.1	mg/kg	no			56.1
Copper	AREA METALS-1	600	B7G	19.3	mg/kg	no			19.3
Copper	AREA METALS-1	600	B8H	19.5	mg/kg	no			19.5
Copper	AREA METALS-1	600	B9I	33.0	mg/kg	no			33
Copper	AREA METALS-1	600	B10J	12.4	mg/kg	no			12.4
Copper	AREA METALS-1	600	B11K	19.8	mg/kg	no			19.8
Copper	AREA METALS-1	600	B12L	20.5	mg/kg	no			20.5
Copper	AREA METALS-1	600	B13M	34.7	mg/kg	no			34.7
Copper	AREA METALS-1	600	B14N	20.9	mg/kg	no			20.9
Copper	AREA METALS-1	600	B15O	17.0	mg/kg	no			17
Copper	AREA METALS-1	600	B16P	22.9	mg/kg	no			22.9
Copper	AREA METALS-1	600	B17Q	26.6	mg/kg	no			26.6
Copper	AREA METALS-1	600	B18R	8.46	mg/kg	no			8.46
Copper	AREA METALS-1	600	B19S	16.8	mg/kg	no			16.8
Copper	AREA METALS-1	600	B20T	10.5	mg/kg	no			10.5
Copper	AREA METALS-1	600	B21U	31.9	mg/kg	no			31.9
Copper	AREA METALS-1	600	B22V	21.8	mg/kg	no			21.8
Copper	AREA METALS-1	600	B23W	26.2	mg/kg	no			26.2
Copper	AREA METALS-1	600	B24X	29.3	mg/kg	no			29.3
Copper	AREA METALS-1	600	B25Y	20.7	mg/kg	no			20.7

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Table 4-5
Compliance Averaging Results
M-8 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Area	RDCSCC	Boring ID	Result	Units	Exceeds Criteria	MDL	Dilution Factor	Result Used for Average
Copper	AREA METALS-1	600	B26Z	56.5	mg/kg	no			56.5
Copper	AREA METALS-1	600	B27AA	19.2	mg/kg	no			19.2
Copper	AREA METALS-1	600	B28BB	28.9	mg/kg	no			28.9
Copper	AREA METALS-1	600	B29CC	19.7	mg/kg	no			19.7
Copper	AREA METALS-1	600	B30DD	23.1	mg/kg	no			23.1
Copper	AREA METALS-1	600	B31EE	17.5	mg/kg	no			17.5
Copper	AREA METALS-1	600	B32FF	30.0	mg/kg	no			30
Copper	AREA METALS-1	600	B33GG	35.1	mg/kg	no			35.1
Copper	AREA METALS-1	600	B34HH	53.5	mg/kg	no			53.5
Copper	AREA METALS-1	600	B35II	3.38	mg/kg	no			3.38
Copper	AREA METALS-1	600	B36JJ	18.7	mg/kg	no			18.7
Copper	AREA METALS-1	600	B37KK	15.3	mg/kg	no			15.3
Copper	AREA METALS-1	600	B38LL	9.28	mg/kg	no			9.28
Copper	AREA METALS-1	600	B39MM	20.1	mg/kg	no			20.1
Copper	AREA METALS-1	600	B40NN	135	mg/kg	no			135
Copper	AREA METALS-1	600	B41OO	14.0	mg/kg	no			14
Copper	AREA METALS-1	600	B42PP	25.4	mg/kg	no			25.4
Copper	AREA METALS-1	600	B43	24.1	mg/kg	no			24.1
Copper	AREA METALS-1	600	B44	4.32	mg/kg	no			4.32
Copper	AREA METALS-1	600	B45	49.4	mg/kg	no			49.4
Copper	AREA METALS-1	600	B46	44.4	mg/kg	no			44.4
Copper	AREA METALS-1	600	B47	19.5	mg/kg	no			19.5
Copper	AREA METALS-1	600	B48	10.1	mg/kg	no			10.1
Copper	AREA METALS-1	600	B49	40.1	mg/kg	no			40.1
Copper	AREA METALS-1	600	B50	28.9	mg/kg	no			28.9
Copper	AREA METALS-1	600	B51	12.9	mg/kg	no			12.9
Copper	AREA METALS-1	600	B52	24.7	mg/kg	no			24.7
Copper	AREA METALS-1	600	B53	11.4	mg/kg	no			11.4
Copper	AREA METALS-1	600	B54	18.2	mg/kg	no			18.2
Copper	AREA METALS-1	600	B55	18.3	mg/kg	no			18.3
Copper	AREA METALS-1	600	B56	22.5	mg/kg	no			22.5
Copper	AREA METALS-1	600	B57	22.7	mg/kg	no			22.7
Copper	AREA METALS-1	600	B58	38.8	mg/kg	no			38.8
Copper	AREA METALS-1	600	B59	63.5	mg/kg	no			63.5
Copper	AREA METALS-1	600	B60	12.6	mg/kg	no			12.6
Copper	AREA METALS-1	600	B61	16.1	mg/kg	no			16.1
Copper	AREA METALS-1	600	B62	91.7	mg/kg	no			91.7
Copper	AREA METALS-1	600	B63	16.6	mg/kg	no			16.6
Copper	AREA METALS-1	600	B64	72.5	mg/kg	no			72.5
Copper	AREA METALS-1	600	B65	145	mg/kg	no			145
Copper	AREA METALS-1	600	B66	18.0	mg/kg	no			18

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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-8 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Area	RDCSCC	Boring ID	Result	Units	Exceeds Criteria	MDL	Dilution Factor	Result Used for Average
Copper	AREA METALS-1	600	B67	69.9	mg/kg	no			69.9
Copper	AREA METALS-1	600	B68	10.6	mg/kg	no			10.6
Copper	AREA METALS-1	600	B69	7.53	mg/kg	no			7.53
Copper	AREA METALS-1	600	B70	36.6	mg/kg	no			36.6
Copper	AREA METALS-1	600	B71	23.5	mg/kg	no			23.5
Copper	AREA METALS-1	600	B72	23.4	mg/kg	no			23.4
Copper	AREA METALS-1	600	B73	28.2	mg/kg	no			28.2
Copper	AREA METALS-1	600	B74	115	mg/kg	no			115
Copper	AREA METALS-1	600	B75	3.76	mg/kg	no			3.76
Copper	AREA METALS-1	600	B76	15.0	mg/kg	no			15
Copper	AREA METALS-1	600	B77	13.4	mg/kg	no			13.4
Copper	AREA METALS-1	600	B78	58.5	mg/kg	no			58.5
Copper	AREA METALS-1	600	B79	13.1	mg/kg	no			13.1
Copper	AREA METALS-1	600	B80	9.16	mg/kg	no			9.16
Copper	AREA METALS-1	600	B81	20.6	mg/kg	no			20.6
Copper	AREA METALS-1	600	B82	18.6	mg/kg	no			18.6
Copper	AREA METALS-1	600	B83	13.2	mg/kg	no			13.2
Copper	AREA METALS-1	600	B84	8.40	mg/kg	no			8.4
Copper	AREA METALS-1	600	B85	136	mg/kg	no			136
Copper	AREA METALS-1	600	B86	162	mg/kg	no			162
Copper	AREA METALS-1	600	B87	1030	mg/kg	yes			1030
Copper	AREA METALS-1	600	B88	24.9	mg/kg	no			24.9
Copper	AREA METALS-1	600	B89	14.5	mg/kg	no			14.5
Copper	AREA METALS-1	600	B90	16.9	mg/kg	no			16.9
Copper	AREA METALS-1	600	B91	321	mg/kg	no			321
Copper	AREA METALS-1	600	B92	38.6	mg/kg	no			38.6
Copper	AREA METALS-1	600	B93	10.0	mg/kg	no			10
Copper	AREA METALS-1	600	B94	10.3	mg/kg	no			10.3
Copper	AREA METALS-1	600	B95	3.52	mg/kg	no			3.52
Copper	AREA METALS-1	600	B96	12.5	mg/kg	no			12.5
Copper	AREA METALS-1	600	B97	23.5	mg/kg	no			23.5
Copper	AREA METALS-1	600	B98	18.8	mg/kg	no			18.8
Copper	AREA METALS-1	600	B99	17.5	mg/kg	no			17.5
Copper	AREA METALS-1	600	B100	11.8	mg/kg	no			11.8
Copper	AREA METALS-1	600	B101	11.2	mg/kg	no			11.2
Copper	AREA METALS-1	600	B102	4.88	mg/kg	no			4.88
Copper	AREA METALS-1	600	B103	31.1	mg/kg	no			31.1
Copper	AREA METALS-1	600	B104	88.3	mg/kg	no			88.3
Copper	AREA METALS-1	600	B105	33.5	mg/kg	no			33.5
Copper	AREA METALS-1	600	B106	15.1	mg/kg	no			15.1
Copper	AREA METALS-1	600	B107	35.4	mg/kg	no			35.4

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Table 4-5
Compliance Averaging Results
M-8 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Area	RDCSCC	Boring ID	Result	Units	Exceeds Criteria	MDL	Dilution Factor	Result Used for Average
Copper	AREA METALS-1	600	B108	34.4	mg/kg	no			34.4
Copper	AREA METALS-1	600	B109	15.2	mg/kg	no			15.2
Copper	AREA METALS-1	600	B110	24.6	mg/kg	no			24.6
Copper	AREA METALS-1	600	B111	25.6	mg/kg	no			25.6
Copper	AREA METALS-1	600	B112	31.3	mg/kg	no			31.3
Copper	AREA METALS-1	600	B113	21.3	mg/kg	no			21.3
Copper	AREA METALS-1	600	B114	9.57	mg/kg	no			9.57
Copper	AREA METALS-1	600	B115	50.6	mg/kg	no			50.6
Copper	AREA METALS-1	600	B116	20.6	mg/kg	no			20.6
Copper	AREA METALS-1	600	B117	28.7	mg/kg	no			28.7
Copper	AREA METALS-1	600	B118	10.9	mg/kg	no			10.9
Copper	AREA METALS-1	600	B119	70.4	mg/kg	no			70.4
Copper	AREA METALS-1	600	B120	19.9	mg/kg	no			19.9
Copper	AREA METALS-1	600	B121	45.4	mg/kg	no			45.4
Copper	AREA METALS-1	600	B122	12.0	mg/kg	no			12
Copper	AREA METALS-1	600	B123	11.1	mg/kg	no			11.1
Copper	AREA METALS-1	600	B124	10.7	mg/kg	no			10.7
Copper	AREA METALS-1	600	B125	14.2	mg/kg	no			14.2
Copper	AREA METALS-1	600	B126	16.6	mg/kg	no			16.6
Copper	AREA METALS-1	600	B127	0.718	mg/kg	no			0.718
Copper	AREA METALS-1	600	B128	10.8	mg/kg	no			10.8
Copper	AREA METALS-1	600	B129	25.0	mg/kg	no			25
Copper	AREA METALS-1	600	B130	5.07	mg/kg	no			5.07
Copper	AREA METALS-1	600	B131	4.94	mg/kg	no			4.94
Copper	AREA METALS-1	600	B132	ND	mg/kg	no	0.775		0.3875
Copper	AREA METALS-1	600	B133	4.13	mg/kg	no			4.13
Copper	AREA METALS-1	600	B134	18.8	mg/kg	no			18.8
Copper	AREA METALS-1	600	B135	81.2	mg/kg	no			81.2
Copper	AREA METALS-1	600	B136	ND	mg/kg	no	0.639		0.3195
Copper	AREA METALS-1	600	B137	36.8	mg/kg	no			36.8
Copper	AREA METALS-1	600	B138	18.1	mg/kg	no			18.1
Copper	AREA METALS-1	600	B139	24.6	mg/kg	no			24.6
Copper	AREA METALS-1	600	B140	19.6	mg/kg	no			19.6
Copper	AREA METALS-1	600	B141	25.5	mg/kg	no			25.5
Copper	AREA METALS-1	600	B142	4.59	mg/kg	no			4.59
Copper	AREA METALS-1	600	B143	8.95	mg/kg	no			8.95
Copper	AREA METALS-1	600	B144	6.96	mg/kg	no			6.96
Copper	AREA METALS-1	600	B145	1.36	mg/kg	no			1.36
Copper	AREA METALS-1	600	B146	692	mg/kg	yes			692
Copper	AREA METALS-1	600	B147	129	mg/kg	no			129
Copper	AREA METALS-1	600	B148	11.1	mg/kg	no			11.1

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Table 4-5
Compliance Averaging Results
M-8 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Area	RDCSCC	Boring ID	Result	Units	Exceeds Criteria	MDL	Dilution Factor	Result Used for Average
Copper	AREA METALS-1	600	B149	23.0	mg/kg	no			23
Copper	AREA METALS-1	600	B150	11.4	mg/kg	no			11.4
Copper	AREA METALS-1	600	B151	15.9	mg/kg	no			15.9
Copper	AREA METALS-1	600	B152	16.8	mg/kg	no			16.8
Copper	AREA METALS-1	600	B153	19.7	mg/kg	no			19.7
Copper	AREA METALS-1	600	B154	5.33	mg/kg	no			5.33
Copper	AREA METALS-1	600	B155	ND	mg/kg	no	0.698		0.349
Copper	AREA METALS-1	600	B156	21.0	mg/kg	no			21
Copper	AREA METALS-1	600	B157	22.1	mg/kg	no			22.1
Copper	AREA METALS-1	600	B158	44.7	mg/kg	no			44.7
Copper	AREA METALS-1	600	B159	49.3	mg/kg	no			49.3
Copper	AREA METALS-1	600	B160	52.9	mg/kg	no			52.9
Copper	AREA METALS-1	600	B161	18.1	mg/kg	no			18.1
Copper	AREA METALS-1	600	B162	17.5	mg/kg	no			17.5
Copper	AREA METALS-1	600	B163	33.9	mg/kg	no			33.9
Copper	AREA METALS-1	600	B164	9.45	mg/kg	no			9.45
Copper	AREA METALS-1	600	B165	91.4	mg/kg	no			91.4
Copper	AREA METALS-1	600	B166	35.1	mg/kg	no			35.1
Copper	AREA METALS-1	600	B167	6.96	mg/kg	no			6.96
Copper	AREA METALS-1	600	B168	6.20	mg/kg	no			6.2
Copper	AREA METALS-1	600	B169	7.83	mg/kg	no			7.83
Copper	AREA METALS-1	600	B170	6.91	mg/kg	no			6.91
Copper	AREA METALS-1	600	B171	14.8	mg/kg	no			14.8
Copper	AREA METALS-1	600	B172	14.1	mg/kg	no			14.1
Copper	AREA METALS-1	600	B173	23.9	mg/kg	no			23.9
Copper	AREA METALS-1	600	B174	43.5	mg/kg	no			43.5
Copper	AREA METALS-1	600	B175	7.17	mg/kg	no			7.17
Copper	AREA METALS-1	600	B176	23.8	mg/kg	no			23.8
Copper	AREA METALS-1	600	B177	18.5	mg/kg	no			18.5
Copper	AREA METALS-1	600	B178	18.2	mg/kg	no			18.2
Copper	AREA METALS-1	600	B179	38.7	mg/kg	no			38.7
Copper	AREA METALS-1	600	B180	11.7	mg/kg	no			11.7
Copper	AREA METALS-1	600	B181	17.7	mg/kg	no			17.7
Copper	AREA METALS-1	600	B182	23.1	mg/kg	no			23.1
Copper	AREA METALS-1	600	B183	15.9	mg/kg	no			15.9
Copper	AREA METALS-1	600	B184	11.0	mg/kg	no			11
Copper	AREA METALS-1	600	B185	12.4	mg/kg	no			12.4
Copper	AREA METALS-1	600	B186	97.5	mg/kg	no			97.5
Copper	AREA METALS-1	600	B187	7.67	mg/kg	no			7.67
Copper	AREA METALS-1	600	B188	13.2	mg/kg	no			13.2
Copper	AREA METALS-1	600	B189	8.61	mg/kg	no			8.61

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Table 4-5
Compliance Averaging Results
M-8 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Area	RDCSCC	Boring ID	Result	Units	Exceeds Criteria	MDL	Dilution Factor	Result Used for Average
Copper	AREA METALS-1	600	B190	22.4	mg/kg	no			22.4
Copper	AREA METALS-1	600	B191	66.4	mg/kg	no			66.4
Copper	AREA METALS-1	600	B192	24.7	mg/kg	no			24.7
Copper	AREA METALS-1	600	B193	10.9	mg/kg	no			10.9
Copper	AREA METALS-1	600	B194	5.20	mg/kg	no			5.2
Copper	AREA METALS-1	600	B195	7.97	mg/kg	no			7.97
Copper	AREA METALS-1	600	B196	21.2	mg/kg	no			21.2
Copper	AREA METALS-1	600	B197	10.9	mg/kg	no			10.9
Copper	AREA METALS-1	600	B198	19.3	mg/kg	no			19.3
Copper	AREA METALS-1	600	B199	16.7	mg/kg	no			16.7
Copper	AREA METALS-1	600	B200	45.0	mg/kg	no			45
Copper	AREA METALS-1	600	B201	15.5	mg/kg	no			15.5
Copper	AREA METALS-1	600	B202	4.87	mg/kg	no			4.87
Copper	AREA METALS-1	600	B203	120	mg/kg	no			120
Copper	AREA METALS-1	600	B204	11.3	mg/kg	no			11.3
Copper	AREA METALS-1	600	B205	41.2	mg/kg	no			41.2
Copper	AREA METALS-1	600	B206	40.4	mg/kg	no			40.4
Copper	AREA METALS-1	600	B207	19.1	mg/kg	no			19.1
Copper	AREA METALS-1	600	B208	14.5	mg/kg	no			14.5
Copper	AREA METALS-1	600	B209	11.7	mg/kg	no			11.7
Copper	AREA METALS-1	600	B210	12.0	mg/kg	no			12
Copper	AREA METALS-1	600	B211	29.7	mg/kg	no			29.7
Copper	AREA METALS-1	600	B212	13.9	mg/kg	no			13.9
Copper	AREA METALS-1	600	B213	21.6	mg/kg	no			21.6
Copper	AREA METALS-1	600	B214	14.4	mg/kg	no			14.4
Copper	AREA METALS-1	600	B215	17.5	mg/kg	no			17.5
Copper	AREA METALS-1	600	B216	30.1	mg/kg	no			30.1
Copper	AREA METALS-1	600	B217	32.5	mg/kg	no			32.5
Copper	AREA METALS-1	600	B218	50	mg/kg	no			50
Copper	AREA METALS-1	600	B219	13.9	mg/kg	no			13.9
Copper	AREA METALS-1	600	B220	30.0	mg/kg	no			30
Copper	AREA METALS-1	600	B221	19.7	mg/kg	no			19.7
Copper	AREA METALS-1	600	B222	31.1	mg/kg	no			31.1
Copper	AREA METALS-1	600	B223	38.6	mg/kg	no			38.6
Copper	AREA METALS-1	600	B224	24.6	mg/kg	no			24.6
Copper	AREA METALS-1	600	B225	10.5	mg/kg	no			10.5
Copper	AREA METALS-1	600	B226	30.4	mg/kg	no			30.4
Copper	AREA METALS-1	600	B227	3.16	mg/kg	no			3.16
Copper	AREA METALS-1	600	B228	5.01	mg/kg	no			5.01
Copper	AREA METALS-1	600	B229	2.02	mg/kg	no			2.02
Copper	AREA METALS-1	600	B230	31.9	mg/kg	no			31.9

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Table 4-5
Compliance Averaging Results
M-8 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Area	RDCSCC	Boring ID	Result	Units	Exceeds Criteria	MDL	Dilution Factor	Result Used for Average
Copper	AREA METALS-1	600	B231	3.78	mg/kg	no			3.78
Copper	AREA METALS-1	600	B232	32.5	mg/kg	no			32.5
Copper	AREA METALS-1	600	B233	13.9	mg/kg	no			13.9
Copper	AREA METALS-1	600	B234	24.5	mg/kg	no			24.5
Copper	AREA METALS-1	600	B235	9.02	mg/kg	no			9.02
Copper	AREA METALS-1	600	B236	12.9	mg/kg	no			12.9
Copper	AREA METALS-1	600	B237	99.6	mg/kg	no			99.6
Copper	AREA METALS-1	600	B238	3.33	mg/kg	no			3.33
Copper	AREA METALS-1	600	B239	10.6	mg/kg	no			10.6
Copper	AREA METALS-1	600	B240	23.5	mg/kg	no			23.5
Copper	AREA METALS-1	600	B241	14.9	mg/kg	no			14.9
Copper	AREA METALS-1	600	B242	4.73	mg/kg	no			4.73
Copper	AREA METALS-1	600	B243	17.5	mg/kg	no			17.5
Copper	AREA METALS-1	600	B244	32.2	mg/kg	no			32.2
Copper	AREA METALS-1	600	B245	131	mg/kg	no			131
Copper	AREA METALS-1	600	B246	36.2	mg/kg	no			36.2
Copper	AREA METALS-1	600	B247	133	mg/kg	no			133
Copper	AREA METALS-1	600	B248	332	mg/kg	no			332
Copper	AREA METALS-1	600	B249	17.6	mg/kg	no			17.6
Copper	AREA METALS-1	600	B250	18.8	mg/kg	no			18.8
						Compliance Average Result:			**39.995**

Selenium

AREA METALS-1

Selenium	AREA METALS-1	63	B1	0.847	mg/kg	no			0.847
Selenium	AREA METALS-1	63	B2	0.80	mg/kg	no			0.8
Selenium	AREA METALS-1	63	B3	0.842	mg/kg	no			0.842
Selenium	AREA METALS-1	63	B4	0.903	mg/kg	no			0.903
Selenium	AREA METALS-1	63	B5	1.02	mg/kg	no			1.02
Selenium	AREA METALS-1	63	B6	0.706	mg/kg	no			0.706
Selenium	AREA METALS-1	63	B7	0.613	mg/kg	no			0.613
Selenium	AREA METALS-1	63	B8	1.38	mg/kg	no			1.38
Selenium	AREA METALS-1	63	B9	1.35	mg/kg	no			1.35
Selenium	AREA METALS-1	63	B10	1.31	mg/kg	no			1.31
Selenium	AREA METALS-1	63	B11	0.763	mg/kg	no			0.763
Selenium	AREA METALS-1	63	B12	0.915	mg/kg	no			0.915
Selenium	AREA METALS-1	63	B13	2.07	mg/kg	no			2.07
Selenium	AREA METALS-1	63	B14	1.20	mg/kg	no			1.2
Selenium	AREA METALS-1	63	B15	1.95	mg/kg	no			1.95

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Table 4-5
Compliance Averaging Results
M-8 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Area	RDCSCC	Boring ID	Result	Units	Exceeds Criteria	MDL	Dilution Factor	Result Used for Average
Selenium	AREA METALS-1	63	B16	2.10	mg/kg	no			2.1
Selenium	AREA METALS-1	63	B17	0.986	mg/kg	no			0.986
Selenium	AREA METALS-1	63	B18	2.09	mg/kg	no			2.09
Selenium	AREA METALS-1	63	B19	ND	mg/kg	no	0.579		0.2895
Selenium	AREA METALS-1	63	B20	0.678	mg/kg	no			0.678
Selenium	AREA METALS-1	63	B21	0.905	mg/kg	no			0.905
Selenium	AREA METALS-1	63	B22	1.12	mg/kg	no			1.12
Selenium	AREA METALS-1	63	B23	1.73	mg/kg	no			1.73
Selenium	AREA METALS-1	63	B24	0.579	mg/kg	no			0.579
Selenium	AREA METALS-1	63	B25	ND	mg/kg	no	0.71		0.355
Selenium	AREA METALS-1	63	B26	1.74	mg/kg	no			1.74
Selenium	AREA METALS-1	63	B27	0.678	mg/kg	no			0.678
Selenium	AREA METALS-1	63	B28	1.30	mg/kg	no			1.3
Selenium	AREA METALS-1	63	B29	0.648	mg/kg	no			0.648
Selenium	AREA METALS-1	63	B30	ND	mg/kg	no	0.513		0.2565
Selenium	AREA METALS-1	63	B31	1.05	mg/kg	no			1.05
Selenium	AREA METALS-1	63	B32	1.19	mg/kg	no			1.19
Selenium	AREA METALS-1	63	B33	0.837	mg/kg	no			0.837
Selenium	AREA METALS-1	63	B34	1.20	mg/kg	no			1.2
Selenium	AREA METALS-1	63	B35	0.957	mg/kg	no			0.957
Selenium	AREA METALS-1	63	B36	2.32	mg/kg	no			2.32
Selenium	AREA METALS-1	63	B37	1.61	mg/kg	no			1.61
Selenium	AREA METALS-1	63	B38	1.07	mg/kg	no			1.07
Selenium	AREA METALS-1	63	B39	1.03	mg/kg	no			1.03
Selenium	AREA METALS-1	63	B40	1.09	mg/kg	no			1.09
Selenium	AREA METALS-1	63	B41	1.36	mg/kg	no			1.36
Selenium	AREA METALS-1	63	B1A	ND	mg/kg	no	0.805		0.4025
Selenium	AREA METALS-1	63	B2B	1.99	mg/kg	no			1.99
Selenium	AREA METALS-1	63	B3C	0.75	mg/kg	no			0.75
Selenium	AREA METALS-1	63	B4D	1.18	mg/kg	no			1.18
Selenium	AREA METALS-1	63	B5E	ND	mg/kg	no	0.817		0.4085
Selenium	AREA METALS-1	63	B6F	ND	mg/kg	no	1.018		0.509
Selenium	AREA METALS-1	63	B7G	ND	mg/kg	no	0.657		0.3285
Selenium	AREA METALS-1	63	B8H	1.23	mg/kg	no			1.23
Selenium	AREA METALS-1	63	B9I	1.09	mg/kg	no			1.09
Selenium	AREA METALS-1	63	B10J	0.988	mg/kg	no			0.988
Selenium	AREA METALS-1	63	B11K	ND	mg/kg	no	0.69		0.345
Selenium	AREA METALS-1	63	B12L	0.335	mg/kg	no			0.335
Selenium	AREA METALS-1	63	B13M	1.00	mg/kg	no			1
Selenium	AREA METALS-1	63	B14N	3.51	mg/kg	no			3.51
Selenium	AREA METALS-1	63	B15O	0.900	mg/kg	no			0.9

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Table 4-5
Compliance Averaging Results
M-8 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Area	RDCSCC	Boring ID	Result	Units	Exceeds Criteria	MDL	Dilution Factor	Result Used for Average
Selenium	AREA METALS-1	63	B16P	1.86	mg/kg	no			1.86
Selenium	AREA METALS-1	63	B17Q	0.973	mg/kg	no			0.973
Selenium	AREA METALS-1	63	B18R	1.45	mg/kg	no			1.45
Selenium	AREA METALS-1	63	B19S	1.33	mg/kg	no			1.33
Selenium	AREA METALS-1	63	B20T	1.01	mg/kg	no			1.01
Selenium	AREA METALS-1	63	B21U	1.83	mg/kg	no			1.83
Selenium	AREA METALS-1	63	B22V	1.09	mg/kg	no			1.09
Selenium	AREA METALS-1	63	B23W	0.731	mg/kg	no			0.731
Selenium	AREA METALS-1	63	B24X	1.89	mg/kg	no			1.89
Selenium	AREA METALS-1	63	B25Y	0.841	mg/kg	no			0.841
Selenium	AREA METALS-1	63	B26Z	0.768	mg/kg	no			0.768
Selenium	AREA METALS-1	63	B27AA	1.69	mg/kg	no			1.69
Selenium	AREA METALS-1	63	B28BB	1.81	mg/kg	no			1.81
Selenium	AREA METALS-1	63	B29CC	1.57	mg/kg	no			1.57
Selenium	AREA METALS-1	63	B30DD	ND	mg/kg	no	0.643		0.3215
Selenium	AREA METALS-1	63	B31EE	1.39	mg/kg	no			1.39
Selenium	AREA METALS-1	63	B32FF	2.02	mg/kg	no			2.02
Selenium	AREA METALS-1	63	B33GG	1.46	mg/kg	no			1.46
Selenium	AREA METALS-1	63	B34HH	1.13	mg/kg	no			1.13
Selenium	AREA METALS-1	63	B35II	3.25	mg/kg	no			3.25
Selenium	AREA METALS-1	63	B36JJ	2.08	mg/kg	no			2.08
Selenium	AREA METALS-1	63	B37KK	0.919	mg/kg	no			0.919
Selenium	AREA METALS-1	63	B38LL	0.942	mg/kg	no			0.942
Selenium	AREA METALS-1	63	B39MM	1.04	mg/kg	no			1.04
Selenium	AREA METALS-1	63	B40NN	1.45	mg/kg	no			1.45
Selenium	AREA METALS-1	63	B41OO	1.29	mg/kg	no			1.29
Selenium	AREA METALS-1	63	B42PP	1.18	mg/kg	no			1.18
Selenium	AREA METALS-1	63	B43	0.752	mg/kg	no			0.752
Selenium	AREA METALS-1	63	B44	ND	mg/kg	no	0.643		0.3215
Selenium	AREA METALS-1	63	B45	1.16	mg/kg	no			1.16
Selenium	AREA METALS-1	63	B46	0.698	mg/kg	no			0.698
Selenium	AREA METALS-1	63	B47	0.722	mg/kg	no			0.722
Selenium	AREA METALS-1	63	B48	ND	mg/kg	no	0.692		0.346
Selenium	AREA METALS-1	63	B49	ND	mg/kg	no	0.987		0.4935
Selenium	AREA METALS-1	63	B50	ND	mg/kg	no	0.652		0.326
Selenium	AREA METALS-1	63	B51	0.648	mg/kg	no			0.648
Selenium	AREA METALS-1	63	B52	0.896	mg/kg	no			0.896
Selenium	AREA METALS-1	63	B53	ND	mg/kg	no	0.676		0.338
Selenium	AREA METALS-1	63	B54	ND	mg/kg	no	0.661		0.3305
Selenium	AREA METALS-1	63	B55	0.995	mg/kg	no			0.995
Selenium	AREA METALS-1	63	B56	ND	mg/kg	no	0.694		0.347

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Table 4-5
Compliance Averaging Results
M-8 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Area	RDCSCC	Boring ID	Result	Units	Exceeds Criteria	MDL	Dilution Factor	Result Used for Average
Selenium	AREA METALS-1	63	B57	0.847	mg/kg	no			0.847
Selenium	AREA METALS-1	63	B58	ND	mg/kg	no	1.112		0.556
Selenium	AREA METALS-1	63	B59	0.882	mg/kg	no			0.882
Selenium	AREA METALS-1	63	B60	ND	mg/kg	no	0.698		0.349
Selenium	AREA METALS-1	63	B61	ND	mg/kg	no	0.737		0.3685
Selenium	AREA METALS-1	63	B62	ND	mg/kg	no	0.851		0.4255
Selenium	AREA METALS-1	63	B63	ND	mg/kg	no	0.674		0.337
Selenium	AREA METALS-1	63	B64	ND	mg/kg	no	0.811		0.4055
Selenium	AREA METALS-1	63	B65	ND	mg/kg	no	1.236		0.618
Selenium	AREA METALS-1	63	B66	ND	mg/kg	no	0.696		0.348
Selenium	AREA METALS-1	63	B67	ND	mg/kg	no	0.742		0.371
Selenium	AREA METALS-1	63	B68	ND	mg/kg	no	0.701		0.3505
Selenium	AREA METALS-1	63	B69	ND	mg/kg	no	0.733		0.3665
Selenium	AREA METALS-1	63	B70	1.08	mg/kg	no			1.08
Selenium	AREA METALS-1	63	B71	ND	mg/kg	no	0.641		0.3205
Selenium	AREA METALS-1	63	B72	ND	mg/kg	no	0.715		0.3575
Selenium	AREA METALS-1	63	B73	4.02	mg/kg	no			4.02
Selenium	AREA METALS-1	63	B74	ND	mg/kg	no	0.808		0.404
Selenium	AREA METALS-1	63	B75	0.732	mg/kg	no			0.732
Selenium	AREA METALS-1	63	B76	ND	mg/kg	no	0.718		0.359
Selenium	AREA METALS-1	63	B77	ND	mg/kg	no	0.675		0.3375
Selenium	AREA METALS-1	63	B78	0.965	mg/kg	no			0.965
Selenium	AREA METALS-1	63	B79	0.906	mg/kg	no			0.906
Selenium	AREA METALS-1	63	B80	ND	mg/kg	no	0.647		0.3235
Selenium	AREA METALS-1	63	B81	ND	mg/kg	no	0.731		0.3655
Selenium	AREA METALS-1	63	B82	ND	mg/kg	no	0.586		0.293
Selenium	AREA METALS-1	63	B83	ND	mg/kg	no	0.768		0.384
Selenium	AREA METALS-1	63	B84	ND	mg/kg	no	0.642		0.321
Selenium	AREA METALS-1	63	B85	87.7	mg/kg	yes			87.7
Selenium	AREA METALS-1	63	B86	119	mg/kg	yes			119
Selenium	AREA METALS-1	63	B87	ND	mg/kg	no	1.671		0.8355
Selenium	AREA METALS-1	63	B88	ND	mg/kg	no	0.651		0.3255
Selenium	AREA METALS-1	63	B89	ND	mg/kg	no	0.761		0.3805
Selenium	AREA METALS-1	63	B90	ND	mg/kg	no	0.65		0.325
Selenium	AREA METALS-1	63	B91	ND	mg/kg	no	1.007		0.5035
Selenium	AREA METALS-1	63	B92	ND	mg/kg	no	1.449		0.7245
Selenium	AREA METALS-1	63	B93	ND	mg/kg	no	0.734		0.367
Selenium	AREA METALS-1	63	B94	0.73	mg/kg	no			0.73
Selenium	AREA METALS-1	63	B95	ND	mg/kg	no	0.643		0.3215
Selenium	AREA METALS-1	63	B96	ND	mg/kg	no	0.646		0.323
Selenium	AREA METALS-1	63	B97	ND	mg/kg	no	0.692		0.346

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Table 4-5
Compliance Averaging Results
M-8 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Area	RDCSCC	Boring ID	Result	Units	Exceeds Criteria	MDL	Dilution Factor	Result Used for Average
Selenium	AREA METALS-1	63	B98	ND	mg/kg	no	0.646		0.323
Selenium	AREA METALS-1	63	B99	ND	mg/kg	no	0.794		0.397
Selenium	AREA METALS-1	63	B100	ND	mg/kg	no	0.714		0.357
Selenium	AREA METALS-1	63	B101	ND	mg/kg	no	0.66		0.33
Selenium	AREA METALS-1	63	B102	ND	mg/kg	no	0.665		0.3325
Selenium	AREA METALS-1	63	B103	ND	mg/kg	no	0.866		0.433
Selenium	AREA METALS-1	63	B104	1.09	mg/kg	no			1.09
Selenium	AREA METALS-1	63	B105	1.10	mg/kg	no			1.1
Selenium	AREA METALS-1	63	B106	ND	mg/kg	no	0.745		0.3725
Selenium	AREA METALS-1	63	B107	ND	mg/kg	no	0.677		0.3385
Selenium	AREA METALS-1	63	B108	ND	mg/kg	no	0.658		0.329
Selenium	AREA METALS-1	63	B109	ND	mg/kg	no	0.72		0.36
Selenium	AREA METALS-1	63	B110	0.772	mg/kg	no			0.772
Selenium	AREA METALS-1	63	B111	1.20	mg/kg	no			1.2
Selenium	AREA METALS-1	63	B112	ND	mg/kg	no	0.678		0.339
Selenium	AREA METALS-1	63	B113	1.14	mg/kg	no			1.14
Selenium	AREA METALS-1	63	B114	ND	mg/kg	no	0.695		0.3475
Selenium	AREA METALS-1	63	B115	0.841	mg/kg	no			0.841
Selenium	AREA METALS-1	63	B116	0.943	mg/kg	no			0.943
Selenium	AREA METALS-1	63	B117	ND	mg/kg	no	0.709		0.3545
Selenium	AREA METALS-1	63	B118	ND	mg/kg	no	0.703		0.3515
Selenium	AREA METALS-1	63	B119	0.986	mg/kg	no			0.986
Selenium	AREA METALS-1	63	B120	ND	mg/kg	no	0.693		0.3465
Selenium	AREA METALS-1	63	B121	0.72	mg/kg	no			0.72
Selenium	AREA METALS-1	63	B122	ND	mg/kg	no	0.658		0.329
Selenium	AREA METALS-1	63	B123	ND	mg/kg	no	0.827		0.4135
Selenium	AREA METALS-1	63	B124	ND	mg/kg	no	0.635		0.3175
Selenium	AREA METALS-1	63	B125	0.802	mg/kg	no			0.802
Selenium	AREA METALS-1	63	B126	0.759	mg/kg	no			0.759
Selenium	AREA METALS-1	63	B127	ND	mg/kg	no	0.682		0.341
Selenium	AREA METALS-1	63	B128	ND	mg/kg	no	0.663		0.3315
Selenium	AREA METALS-1	63	B129	0.924	mg/kg	no			0.924
Selenium	AREA METALS-1	63	B130	1.09	mg/kg	no			1.09
Selenium	AREA METALS-1	63	B131	ND	mg/kg	no	0.652		0.326
Selenium	AREA METALS-1	63	B132	ND	mg/kg	no	0.775		0.3875
Selenium	AREA METALS-1	63	B133	ND	mg/kg	no	0.619		0.3095
Selenium	AREA METALS-1	63	B134	1.24	mg/kg	no			1.24
Selenium	AREA METALS-1	63	B135	1.26	mg/kg	no			1.26
Selenium	AREA METALS-1	63	B136	ND	mg/kg	no	0.639		0.3195
Selenium	AREA METALS-1	63	B137	1.86	mg/kg	no			1.86
Selenium	AREA METALS-1	63	B138	ND	mg/kg	no	0.681		0.3405

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Fort Monmouth, New Jersey

Analyte Name	Compliance Area	RDCSCC	Boring ID	Result	Units	Exceeds Criteria	MDL	Dilution Factor	Result Used for Average
Selenium	AREA METALS-1	63	B139	1.13	mg/kg	no			1.13
Selenium	AREA METALS-1	63	B140	0.879	mg/kg	no			0.879
Selenium	AREA METALS-1	63	B141	2.36	mg/kg	no			2.36
Selenium	AREA METALS-1	63	B142	0.695	mg/kg	no			0.695
Selenium	AREA METALS-1	63	B143	ND	mg/kg	no	0.603		0.3015
Selenium	AREA METALS-1	63	B144	ND	mg/kg	no	0.686		0.343
Selenium	AREA METALS-1	63	B145	ND	mg/kg	no	0.597		0.2985
Selenium	AREA METALS-1	63	B146	ND	mg/kg	no	0.648		0.324
Selenium	AREA METALS-1	63	B147	ND	mg/kg	no	0.799		0.3995
Selenium	AREA METALS-1	63	B148	ND	mg/kg	no	0.712		0.356
Selenium	AREA METALS-1	63	B149	ND	mg/kg	no	0.711		0.3555
Selenium	AREA METALS-1	63	B150	ND	mg/kg	no	0.648		0.324
Selenium	AREA METALS-1	63	B151	ND	mg/kg	no	0.597		0.2985
Selenium	AREA METALS-1	63	B152	ND	mg/kg	no	0.691		0.3455
Selenium	AREA METALS-1	63	B153	0.759	mg/kg	no			0.759
Selenium	AREA METALS-1	63	B154	1.32	mg/kg	no			1.32
Selenium	AREA METALS-1	63	B155	ND	mg/kg	no	0.698		0.349
Selenium	AREA METALS-1	63	B156	0.841	mg/kg	no			0.841
Selenium	AREA METALS-1	63	B157	1.56	mg/kg	no			1.56
Selenium	AREA METALS-1	63	B158	0.813	mg/kg	no			0.813
Selenium	AREA METALS-1	63	B159	0.886	mg/kg	no			0.886
Selenium	AREA METALS-1	63	B160	1.36	mg/kg	no			1.36
Selenium	AREA METALS-1	63	B161	ND	mg/kg	no	0.719		0.3595
Selenium	AREA METALS-1	63	B162	1.60	mg/kg	no			1.6
Selenium	AREA METALS-1	63	B163	2.62	mg/kg	no			2.62
Selenium	AREA METALS-1	63	B164	1.55	mg/kg	no			1.55
Selenium	AREA METALS-1	63	B165	ND	mg/kg	no	1.387		0.6935
Selenium	AREA METALS-1	63	B166	0.638	mg/kg	no			0.638
Selenium	AREA METALS-1	63	B167	1.61	mg/kg	no			1.61
Selenium	AREA METALS-1	63	B168	1.02	mg/kg	no			1.02
Selenium	AREA METALS-1	63	B169	1.83	mg/kg	no			1.83
Selenium	AREA METALS-1	63	B170	1.45	mg/kg	no			1.45
Selenium	AREA METALS-1	63	B171	0.743	mg/kg	no			0.743
Selenium	AREA METALS-1	63	B172	1.03	mg/kg	no			1.03
Selenium	AREA METALS-1	63	B173	1.44	mg/kg	no			1.44
Selenium	AREA METALS-1	63	B174	ND	mg/kg	no	0.619		0.3095
Selenium	AREA METALS-1	63	B175	ND	mg/kg	no	0.615		0.3075
Selenium	AREA METALS-1	63	B176	ND	mg/kg	no	0.593		0.2965
Selenium	AREA METALS-1	63	B177	ND	mg/kg	no	0.678		0.339
Selenium	AREA METALS-1	63	B178	0.929	mg/kg	no			0.929
Selenium	AREA METALS-1	63	B179	ND	mg/kg	no	0.774		0.387

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Compliance Averaging Results
M-8 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Area	RDCSCC	Boring ID	Result	Units	Exceeds Criteria	MDL	Dilution Factor	Result Used for Average
Selenium	AREA METALS-1	63	B180	0.667	mg/kg	no			0.667
Selenium	AREA METALS-1	63	B181	ND	mg/kg	no	0.787		0.3935
Selenium	AREA METALS-1	63	B182	1.19	mg/kg	no			1.19
Selenium	AREA METALS-1	63	B183	ND	mg/kg	no	0.665		0.3325
Selenium	AREA METALS-1	63	B184	0.643	mg/kg	no			0.643
Selenium	AREA METALS-1	63	B185	0.687	mg/kg	no			0.687
Selenium	AREA METALS-1	63	B186	0.614	mg/kg	no			0.614
Selenium	AREA METALS-1	63	B187	ND	mg/kg	no	0.662		0.331
Selenium	AREA METALS-1	63	B188	0.795	mg/kg	no			0.795
Selenium	AREA METALS-1	63	B189	ND	mg/kg	no	0.656		0.328
Selenium	AREA METALS-1	63	B190	1.33	mg/kg	no			1.33
Selenium	AREA METALS-1	63	B191	0.68	mg/kg	no			0.68
Selenium	AREA METALS-1	63	B192	1.12	mg/kg	no			1.12
Selenium	AREA METALS-1	63	B193	0.978	mg/kg	no			0.978
Selenium	AREA METALS-1	63	B194	1.07	mg/kg	no			1.07
Selenium	AREA METALS-1	63	B195	0.925	mg/kg	no			0.925
Selenium	AREA METALS-1	63	B196	1.16	mg/kg	no			1.16
Selenium	AREA METALS-1	63	B197	1.07	mg/kg	no			1.07
Selenium	AREA METALS-1	63	B198	3.17	mg/kg	no			3.17
Selenium	AREA METALS-1	63	B199	1.10	mg/kg	no			1.1
Selenium	AREA METALS-1	63	B200	ND	mg/kg	no	0.625		0.3125
Selenium	AREA METALS-1	63	B201	ND	mg/kg	no	0.602		0.301
Selenium	AREA METALS-1	63	B202	1.04	mg/kg	no			1.04
Selenium	AREA METALS-1	63	B203	1.17	mg/kg	no			1.17
Selenium	AREA METALS-1	63	B204	0.848	mg/kg	no			0.848
Selenium	AREA METALS-1	63	B205	1.17	mg/kg	no			1.17
Selenium	AREA METALS-1	63	B206	0.75	mg/kg	no			0.75
Selenium	AREA METALS-1	63	B207	1.05	mg/kg	no			1.05
Selenium	AREA METALS-1	63	B208	1.24	mg/kg	no			1.24
Selenium	AREA METALS-1	63	B209	1.26	mg/kg	no			1.26
Selenium	AREA METALS-1	63	B210	1.46	mg/kg	no			1.46
Selenium	AREA METALS-1	63	B211	0.795	mg/kg	no			0.795
Selenium	AREA METALS-1	63	B212	1.18	mg/kg	no			1.18
Selenium	AREA METALS-1	63	B213	1.55	mg/kg	no			1.55
Selenium	AREA METALS-1	63	B214	0.924	mg/kg	no			0.924
Selenium	AREA METALS-1	63	B215	ND	mg/kg	no	0.669		0.3345
Selenium	AREA METALS-1	63	B216	1.02	mg/kg	no			1.02
Selenium	AREA METALS-1	63	B217	1.42	mg/kg	no			1.42
Selenium	AREA METALS-1	63	B218	0.618	mg/kg	no			0.618
Selenium	AREA METALS-1	63	B219	1.17	mg/kg	no			1.17
Selenium	AREA METALS-1	63	B220	1.31	mg/kg	no			1.31

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

Table 4-5
Compliance Averaging Results
M-8 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Area	RDCSCC	Boring ID	Result	Units	Exceeds Criteria	MDL	Dilution Factor	Result Used for Average
Selenium	AREA METALS-1	63	B221	1.12	mg/kg	no			1.12
Selenium	AREA METALS-1	63	B222	1.15	mg/kg	no			1.15
Selenium	AREA METALS-1	63	B223	0.813	mg/kg	no			0.813
Selenium	AREA METALS-1	63	B224	1.52	mg/kg	no			1.52
Selenium	AREA METALS-1	63	B225	2.84	mg/kg	no			2.84
Selenium	AREA METALS-1	63	B226	2.31	mg/kg	no			2.31
Selenium	AREA METALS-1	63	B227	1.34	mg/kg	no			1.34
Selenium	AREA METALS-1	63	B228	1.08	mg/kg	no			1.08
Selenium	AREA METALS-1	63	B229	1.12	mg/kg	no			1.12
Selenium	AREA METALS-1	63	B230	1.63	mg/kg	no			1.63
Selenium	AREA METALS-1	63	B231	1.52	mg/kg	no			1.52
Selenium	AREA METALS-1	63	B232	1.21	mg/kg	no			1.21
Selenium	AREA METALS-1	63	B233	2.31	mg/kg	no			2.31
Selenium	AREA METALS-1	63	B234	1.96	mg/kg	no			1.96
Selenium	AREA METALS-1	63	B235	2.38	mg/kg	no			2.38
Selenium	AREA METALS-1	63	B236	4.76	mg/kg	no			4.76
Selenium	AREA METALS-1	63	B237	3.87	mg/kg	no			3.87
Selenium	AREA METALS-1	63	B238	1.33	mg/kg	no			1.33
Selenium	AREA METALS-1	63	B239	1.01	mg/kg	no			1.01
Selenium	AREA METALS-1	63	B240	1.12	mg/kg	no			1.12
Selenium	AREA METALS-1	63	B241	2.64	mg/kg	no			2.64
Selenium	AREA METALS-1	63	B242	1.33	mg/kg	no			1.33
Selenium	AREA METALS-1	63	B243	1.19	mg/kg	no			1.19
Selenium	AREA METALS-1	63	B244	1.67	mg/kg	no			1.67
Selenium	AREA METALS-1	63	B245	ND	mg/kg	no	0.638		0.319
Selenium	AREA METALS-1	63	B246	1.09	mg/kg	no			1.09
Selenium	AREA METALS-1	63	B247	1.50	mg/kg	no			1.5
Selenium	AREA METALS-1	63	B248	0.97	mg/kg	no			0.97
Selenium	AREA METALS-1	63	B249	1.08	mg/kg	no			1.08
Selenium	AREA METALS-1	63	B250	0.741	mg/kg	no			0.741
						Compliance Average Result:			**1.667**

Silver

AREA METALS-1

Silver	AREA METALS-1	110	B1	ND	mg/kg	no	0.436		0.218
Silver	AREA METALS-1	110	B2	ND	mg/kg	no	0.358		0.179
Silver	AREA METALS-1	110	B3	ND	mg/kg	no	0.513		0.2565
Silver	AREA METALS-1	110	B4	ND	mg/kg	no	0.331		0.1655
Silver	AREA METALS-1	110	B5	0.893	mg/kg	no			0.893

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Table 4-5
Compliance Averaging Results
M-8 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Area	RDCSCC	Boring ID	Result	Units	Exceeds Criteria	MDL	Dilution Factor	Result Used for Average
Silver	AREA METALS-1	110	B6	ND	mg/kg	no	0.491		0.2455
Silver	AREA METALS-1	110	B7	ND	mg/kg	no	0.4		0.2
Silver	AREA METALS-1	110	B8	ND	mg/kg	no	0.598		0.299
Silver	AREA METALS-1	110	B9	ND	mg/kg	no	0.517		0.2585
Silver	AREA METALS-1	110	B10	2.36	mg/kg	no			2.36
Silver	AREA METALS-1	110	B11	ND	mg/kg	no	0.389		0.1945
Silver	AREA METALS-1	110	B12	ND	mg/kg	no	0.713		0.3565
Silver	AREA METALS-1	110	B13	3.15	mg/kg	no			3.15
Silver	AREA METALS-1	110	B14	ND	mg/kg	no	0.904		0.452
Silver	AREA METALS-1	110	B15	4.17	mg/kg	no			4.17
Silver	AREA METALS-1	110	B16	4.93	mg/kg	no			4.93
Silver	AREA METALS-1	110	B17	ND	mg/kg	no	0.751		0.3755
Silver	AREA METALS-1	110	B18	6.13	mg/kg	no			6.13
Silver	AREA METALS-1	110	B19	ND	mg/kg	no	0.579		0.2895
Silver	AREA METALS-1	110	B20	ND	mg/kg	no	0.632		0.316
Silver	AREA METALS-1	110	B21	ND	mg/kg	no	0.748		0.374
Silver	AREA METALS-1	110	B22	ND	mg/kg	no	0.807		0.4035
Silver	AREA METALS-1	110	B23	5.31	mg/kg	no			5.31
Silver	AREA METALS-1	110	B24	ND	mg/kg	no	0.481		0.2405
Silver	AREA METALS-1	110	B25	ND	mg/kg	no	0.71		0.355
Silver	AREA METALS-1	110	B26	7.58	mg/kg	no			7.58
Silver	AREA METALS-1	110	B27	ND	mg/kg	no	0.535		0.2675
Silver	AREA METALS-1	110	B28	ND	mg/kg	no	0.574		0.287
Silver	AREA METALS-1	110	B29	ND	mg/kg	no	0.623		0.3115
Silver	AREA METALS-1	110	B30	ND	mg/kg	no	0.513		0.2565
Silver	AREA METALS-1	110	B31	0.821	mg/kg	no			0.821
Silver	AREA METALS-1	110	B32	3.57	mg/kg	no			3.57
Silver	AREA METALS-1	110	B33	ND	mg/kg	no	0.599		0.2995
Silver	AREA METALS-1	110	B34	5.88	mg/kg	no			5.88
Silver	AREA METALS-1	110	B35	4.42	mg/kg	no			4.42
Silver	AREA METALS-1	110	B36	1.42	mg/kg	no			1.42
Silver	AREA METALS-1	110	B37	ND	mg/kg	no	0.694		0.347
Silver	AREA METALS-1	110	B38	2.38	mg/kg	no			2.38
Silver	AREA METALS-1	110	B39	1.07	mg/kg	no			1.07
Silver	AREA METALS-1	110	B40	ND	mg/kg	no	0.675		0.3375
Silver	AREA METALS-1	110	B41	ND	mg/kg	no	0.722		0.361
Silver	AREA METALS-1	110	B1A	ND	mg/kg	no	0.805		0.4025
Silver	AREA METALS-1	110	B2B	1.19	mg/kg	no			1.19
Silver	AREA METALS-1	110	B3C	ND	mg/kg	no	0.657		0.3285
Silver	AREA METALS-1	110	B4D	ND	mg/kg	no	0.581		0.2905
Silver	AREA METALS-1	110	B5E	ND	mg/kg	no	0.817		0.4085

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Table 4-5
Compliance Averaging Results
M-8 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Area	RDCSCC	Boring ID	Result	Units	Exceeds Criteria	MDL	Dilution Factor	Result Used for Average
Silver	AREA METALS-1	110	B6F	ND	mg/kg	no	1.018		0.509
Silver	AREA METALS-1	110	B7G	ND	mg/kg	no	0.657		0.3285
Silver	AREA METALS-1	110	B8H	ND	mg/kg	no	0.609		0.3045
Silver	AREA METALS-1	110	B9I	2.76	mg/kg	no			2.76
Silver	AREA METALS-1	110	B10J	ND	mg/kg	no	0.649		0.3245
Silver	AREA METALS-1	110	B11K	ND	mg/kg	no	0.69		0.345
Silver	AREA METALS-1	110	B12L	ND	mg/kg	no	0.203		0.1015
Silver	AREA METALS-1	110	B13M	ND	mg/kg	no	0.813		0.4065
Silver	AREA METALS-1	110	B14N	ND	mg/kg	no	0.747		0.3735
Silver	AREA METALS-1	110	B15O	ND	mg/kg	no	0.662		0.331
Silver	AREA METALS-1	110	B16P	ND	mg/kg	no	0.703		0.3515
Silver	AREA METALS-1	110	B17Q	ND	mg/kg	no	0.729		0.3645
Silver	AREA METALS-1	110	B18R	ND	mg/kg	no	0.706		0.353
Silver	AREA METALS-1	110	B19S	2.83	mg/kg	no			2.83
Silver	AREA METALS-1	110	B20T	ND	mg/kg	no	0.471		0.2355
Silver	AREA METALS-1	110	B21U	2.79	mg/kg	no			2.79
Silver	AREA METALS-1	110	B22V	ND	mg/kg	no	0.645		0.3225
Silver	AREA METALS-1	110	B23W	ND	mg/kg	no	0.665		0.3325
Silver	AREA METALS-1	110	B24X	2.38	mg/kg	no			2.38
Silver	AREA METALS-1	110	B25Y	1.24	mg/kg	no			1.24
Silver	AREA METALS-1	110	B26Z	ND	mg/kg	no	0.672		0.336
Silver	AREA METALS-1	110	B27AA	ND	mg/kg	no	0.792		0.396
Silver	AREA METALS-1	110	B28BB	ND	mg/kg	no	0.787		0.3935
Silver	AREA METALS-1	110	B29CC	ND	mg/kg	no	0.714		0.357
Silver	AREA METALS-1	110	B30DD	ND	mg/kg	no	0.643		0.3215
Silver	AREA METALS-1	110	B31EE	ND	mg/kg	no	0.72		0.36
Silver	AREA METALS-1	110	B32FF	ND	mg/kg	no	0.718		0.359
Silver	AREA METALS-1	110	B33GG	ND	mg/kg	no	0.877		0.4385
Silver	AREA METALS-1	110	B34HH	ND	mg/kg	no	0.657		0.3285
Silver	AREA METALS-1	110	B35II	ND	mg/kg	no	0.729		0.3645
Silver	AREA METALS-1	110	B36JJ	2.34	mg/kg	no			2.34
Silver	AREA METALS-1	110	B37KK	ND	mg/kg	no	0.66		0.33
Silver	AREA METALS-1	110	B38LL	ND	mg/kg	no	0.763		0.3815
Silver	AREA METALS-1	110	B39MM	ND	mg/kg	no	0.781		0.3905
Silver	AREA METALS-1	110	B40NN	124	mg/kg	yes			124
Silver	AREA METALS-1	110	B41OO	ND	mg/kg	no	0.706		0.353
Silver	AREA METALS-1	110	B42PP	ND	mg/kg	no	0.699		0.3495
Silver	AREA METALS-1	110	B43	ND	mg/kg	no	0.626		0.313
Silver	AREA METALS-1	110	B44	ND	mg/kg	no	0.643		0.3215
Silver	AREA METALS-1	110	B45	ND	mg/kg	no	0.734		0.367
Silver	AREA METALS-1	110	B46	1.93	mg/kg	no			1.93

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Table 4-5
Compliance Averaging Results
M-8 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Area	RDCSCC	Boring ID	Result	Units	Exceeds Criteria	MDL	Dilution Factor	Result Used for Average
Silver	AREA METALS-1	110	B47	1.71	mg/kg	no			1.71
Silver	AREA METALS-1	110	B48	ND	mg/kg	no	0.692		0.346
Silver	AREA METALS-1	110	B49	ND	mg/kg	no	0.987		0.4935
Silver	AREA METALS-1	110	B50	ND	mg/kg	no	0.652		0.326
Silver	AREA METALS-1	110	B51	ND	mg/kg	no	0.592		0.296
Silver	AREA METALS-1	110	B52	ND	mg/kg	no	0.635		0.3175
Silver	AREA METALS-1	110	B53	ND	mg/kg	no	0.676		0.338
Silver	AREA METALS-1	110	B54	ND	mg/kg	no	0.661		0.3305
Silver	AREA METALS-1	110	B55	ND	mg/kg	no	0.67		0.335
Silver	AREA METALS-1	110	B56	ND	mg/kg	no	0.694		0.347
Silver	AREA METALS-1	110	B57	ND	mg/kg	no	0.751		0.3755
Silver	AREA METALS-1	110	B58	ND	mg/kg	no	1.112		0.556
Silver	AREA METALS-1	110	B59	3.49	mg/kg	no			3.49
Silver	AREA METALS-1	110	B60	ND	mg/kg	no	0.698		0.349
Silver	AREA METALS-1	110	B61	ND	mg/kg	no	0.737		0.3685
Silver	AREA METALS-1	110	B62	2.93	mg/kg	no			2.93
Silver	AREA METALS-1	110	B63	ND	mg/kg	no	0.674		0.337
Silver	AREA METALS-1	110	B64	ND	mg/kg	no	0.811		0.4055
Silver	AREA METALS-1	110	B65	5.80	mg/kg	no			5.8
Silver	AREA METALS-1	110	B66	ND	mg/kg	no	0.696		0.348
Silver	AREA METALS-1	110	B67	ND	mg/kg	no	0.742		0.371
Silver	AREA METALS-1	110	B68	ND	mg/kg	no	0.701		0.3505
Silver	AREA METALS-1	110	B69	ND	mg/kg	no	0.733		0.3665
Silver	AREA METALS-1	110	B70	1.36	mg/kg	no			1.36
Silver	AREA METALS-1	110	B71	ND	mg/kg	no	0.641		0.3205
Silver	AREA METALS-1	110	B72	ND	mg/kg	no	0.715		0.3575
Silver	AREA METALS-1	110	B73	ND	mg/kg	no	0.716		0.358
Silver	AREA METALS-1	110	B74	35.6	mg/kg	no			35.6
Silver	AREA METALS-1	110	B75	ND	mg/kg	no	0.665		0.3325
Silver	AREA METALS-1	110	B76	ND	mg/kg	no	0.718		0.359
Silver	AREA METALS-1	110	B77	ND	mg/kg	no	0.675		0.3375
Silver	AREA METALS-1	110	B78	2.58	mg/kg	no			2.58
Silver	AREA METALS-1	110	B79	1.74	mg/kg	no			1.74
Silver	AREA METALS-1	110	B80	ND	mg/kg	no	0.647		0.3235
Silver	AREA METALS-1	110	B81	1.73	mg/kg	no			1.73
Silver	AREA METALS-1	110	B82	ND	mg/kg	no	0.586		0.293
Silver	AREA METALS-1	110	B83	ND	mg/kg	no	0.768		0.384
Silver	AREA METALS-1	110	B84	ND	mg/kg	no	0.642		0.321
Silver	AREA METALS-1	110	B85	15.3	mg/kg	no			15.3
Silver	AREA METALS-1	110	B86	19.8	mg/kg	no			19.8
Silver	AREA METALS-1	110	B87	5.60	mg/kg	no			5.6

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Table 4-5
Compliance Averaging Results
M-8 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Area	RDCSCC	Boring ID	Result	Units	Exceeds Criteria	MDL	Dilution Factor	Result Used for Average
Silver	AREA METALS-1	110	B88	ND	mg/kg	no	0.651		0.3255
Silver	AREA METALS-1	110	B89	ND	mg/kg	no	0.761		0.3805
Silver	AREA METALS-1	110	B90	ND	mg/kg	no	0.65		0.325
Silver	AREA METALS-1	110	B91	8.37	mg/kg	no			8.37
Silver	AREA METALS-1	110	B92	2.22	mg/kg	no			2.22
Silver	AREA METALS-1	110	B93	ND	mg/kg	no	0.734		0.367
Silver	AREA METALS-1	110	B94	2.38	mg/kg	no			2.38
Silver	AREA METALS-1	110	B95	ND	mg/kg	no	0.643		0.3215
Silver	AREA METALS-1	110	B96	2.03	mg/kg	no			2.03
Silver	AREA METALS-1	110	B97	2.43	mg/kg	no			2.43
Silver	AREA METALS-1	110	B98	ND	mg/kg	no	0.646		0.323
Silver	AREA METALS-1	110	B99	ND	mg/kg	no	0.794		0.397
Silver	AREA METALS-1	110	B100	ND	mg/kg	no	0.714		0.357
Silver	AREA METALS-1	110	B101	ND	mg/kg	no	0.66		0.33
Silver	AREA METALS-1	110	B102	ND	mg/kg	no	0.665		0.3325
Silver	AREA METALS-1	110	B103	1.16	mg/kg	no			1.16
Silver	AREA METALS-1	110	B104	27.0	mg/kg	no			27
Silver	AREA METALS-1	110	B105	6.50	mg/kg	no			6.5
Silver	AREA METALS-1	110	B106	4.54	mg/kg	no			4.54
Silver	AREA METALS-1	110	B107	1.19	mg/kg	no			1.19
Silver	AREA METALS-1	110	B108	5.28	mg/kg	no			5.28
Silver	AREA METALS-1	110	B109	1.58	mg/kg	no			1.58
Silver	AREA METALS-1	110	B110	ND	mg/kg	no	0.724		0.362
Silver	AREA METALS-1	110	B111	ND	mg/kg	no	0.628		0.314
Silver	AREA METALS-1	110	B112	ND	mg/kg	no	0.678		0.339
Silver	AREA METALS-1	110	B113	ND	mg/kg	no	0.699		0.3495
Silver	AREA METALS-1	110	B114	ND	mg/kg	no	0.695		0.3475
Silver	AREA METALS-1	110	B115	6.58	mg/kg	no			6.58
Silver	AREA METALS-1	110	B116	ND	mg/kg	no	0.685		0.3425
Silver	AREA METALS-1	110	B117	ND	mg/kg	no	0.709		0.3545
Silver	AREA METALS-1	110	B118	ND	mg/kg	no	0.703		0.3515
Silver	AREA METALS-1	110	B119	ND	mg/kg	no	0.67		0.335
Silver	AREA METALS-1	110	B120	ND	mg/kg	no	0.693		0.3465
Silver	AREA METALS-1	110	B121	ND	mg/kg	no	0.687		0.3435
Silver	AREA METALS-1	110	B122	ND	mg/kg	no	0.658		0.329
Silver	AREA METALS-1	110	B123	ND	mg/kg	no	0.827		0.4135
Silver	AREA METALS-1	110	B124	ND	mg/kg	no	0.635		0.3175
Silver	AREA METALS-1	110	B125	ND	mg/kg	no	0.581		0.2905
Silver	AREA METALS-1	110	B126	ND	mg/kg	no	0.638		0.319
Silver	AREA METALS-1	110	B127	ND	mg/kg	no	0.682		0.341
Silver	AREA METALS-1	110	B128	5.91	mg/kg	no			5.91

Notes:
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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-8 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Area	RDCSCC	Boring ID	Result	Units	Exceeds Criteria	MDL	Dilution Factor	Result Used for Average
Silver	AREA METALS-1	110	B129	1.84	mg/kg	no			1.84
Silver	AREA METALS-1	110	B130	ND	mg/kg	no	0.642		0.321
Silver	AREA METALS-1	110	B131	ND	mg/kg	no	0.652		0.326
Silver	AREA METALS-1	110	B132	ND	mg/kg	no	0.775		0.3875
Silver	AREA METALS-1	110	B133	ND	mg/kg	no	0.619		0.3095
Silver	AREA METALS-1	110	B134	6.67	mg/kg	no			6.67
Silver	AREA METALS-1	110	B135	ND	mg/kg	no	0.758		0.379
Silver	AREA METALS-1	110	B136	ND	mg/kg	no	0.639		0.3195
Silver	AREA METALS-1	110	B137	ND	mg/kg	no	0.891		0.4455
Silver	AREA METALS-1	110	B138	0.978	mg/kg	no			0.978
Silver	AREA METALS-1	110	B139	2.89	mg/kg	no			2.89
Silver	AREA METALS-1	110	B140	ND	mg/kg	no	0.743		0.3715
Silver	AREA METALS-1	110	B141	ND	mg/kg	no	0.724		0.362
Silver	AREA METALS-1	110	B142	ND	mg/kg	no	0.668		0.334
Silver	AREA METALS-1	110	B143	ND	mg/kg	no	0.603		0.3015
Silver	AREA METALS-1	110	B144	1.26	mg/kg	no			1.26
Silver	AREA METALS-1	110	B145	ND	mg/kg	no	0.597		0.2985
Silver	AREA METALS-1	110	B146	ND	mg/kg	no	0.648		0.324
Silver	AREA METALS-1	110	B147	1.45	mg/kg	no			1.45
Silver	AREA METALS-1	110	B148	ND	mg/kg	no	0.712		0.356
Silver	AREA METALS-1	110	B149	ND	mg/kg	no	0.711		0.3555
Silver	AREA METALS-1	110	B150	2.06	mg/kg	no			2.06
Silver	AREA METALS-1	110	B151	ND	mg/kg	no	0.597		0.2985
Silver	AREA METALS-1	110	B152	ND	mg/kg	no	0.691		0.3455
Silver	AREA METALS-1	110	B153	ND	mg/kg	no	0.671		0.3355
Silver	AREA METALS-1	110	B154	ND	mg/kg	no	0.643		0.3215
Silver	AREA METALS-1	110	B155	ND	mg/kg	no	0.698		0.349
Silver	AREA METALS-1	110	B156	ND	mg/kg	no	0.671		0.3355
Silver	AREA METALS-1	110	B157	5.80	mg/kg	no			5.8
Silver	AREA METALS-1	110	B158	3.64	mg/kg	no			3.64
Silver	AREA METALS-1	110	B159	2.40	mg/kg	no			2.4
Silver	AREA METALS-1	110	B160	2.58	mg/kg	no			2.58
Silver	AREA METALS-1	110	B161	ND	mg/kg	no	0.719		0.3595
Silver	AREA METALS-1	110	B162	4.23	mg/kg	no			4.23
Silver	AREA METALS-1	110	B163	ND	mg/kg	no	0.793		0.3965
Silver	AREA METALS-1	110	B164	ND	mg/kg	no	0.786		0.393
Silver	AREA METALS-1	110	B165	ND	mg/kg	no	1.387		0.6935
Silver	AREA METALS-1	110	B166	0.877	mg/kg	no			0.877
Silver	AREA METALS-1	110	B167	3.86	mg/kg	no			3.86
Silver	AREA METALS-1	110	B168	ND	mg/kg	no	0.744		0.372
Silver	AREA METALS-1	110	B169	ND	mg/kg	no	0.706		0.353

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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-8 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Area	RDCSCC	Boring ID	Result	Units	Exceeds Criteria	MDL	Dilution Factor	Result Used for Average
Silver	AREA METALS-1	110	B170	ND	mg/kg	no	0.731		0.3655
Silver	AREA METALS-1	110	B171	ND	mg/kg	no	0.635		0.3175
Silver	AREA METALS-1	110	B172	ND	mg/kg	no	0.659		0.3295
Silver	AREA METALS-1	110	B173	ND	mg/kg	no	0.714		0.357
Silver	AREA METALS-1	110	B174	ND	mg/kg	no	0.619		0.3095
Silver	AREA METALS-1	110	B175	ND	mg/kg	no	0.615		0.3075
Silver	AREA METALS-1	110	B176	ND	mg/kg	no	0.593		0.2965
Silver	AREA METALS-1	110	B177	1.88	mg/kg	no			1.88
Silver	AREA METALS-1	110	B178	1.32	mg/kg	no			1.32
Silver	AREA METALS-1	110	B179	ND	mg/kg	no	0.774		0.387
Silver	AREA METALS-1	110	B180	ND	mg/kg	no	0.558		0.279
Silver	AREA METALS-1	110	B181	2.83	mg/kg	no			2.83
Silver	AREA METALS-1	110	B182	24.2	mg/kg	no			24.2
Silver	AREA METALS-1	110	B183	ND	mg/kg	no	0.665		0.3325
Silver	AREA METALS-1	110	B184	ND	mg/kg	no	0.593		0.2965
Silver	AREA METALS-1	110	B185	2.80	mg/kg	no			2.8
Silver	AREA METALS-1	110	B186	ND	mg/kg	no	0.609		0.3045
Silver	AREA METALS-1	110	B187	ND	mg/kg	no	0.662		0.331
Silver	AREA METALS-1	110	B188	2.32	mg/kg	no			2.32
Silver	AREA METALS-1	110	B189	ND	mg/kg	no	0.656		0.328
Silver	AREA METALS-1	110	B190	1.74	mg/kg	no			1.74
Silver	AREA METALS-1	110	B191	1.52	mg/kg	no			1.52
Silver	AREA METALS-1	110	B192	ND	mg/kg	no	0.611		0.3055
Silver	AREA METALS-1	110	B193	ND	mg/kg	no	0.677		0.3385
Silver	AREA METALS-1	110	B194	ND	mg/kg	no	0.616		0.308
Silver	AREA METALS-1	110	B195	ND	mg/kg	no	0.632		0.316
Silver	AREA METALS-1	110	B196	ND	mg/kg	no	0.667		0.3335
Silver	AREA METALS-1	110	B197	ND	mg/kg	no	0.625		0.3125
Silver	AREA METALS-1	110	B198	ND	mg/kg	no	0.742		0.371
Silver	AREA METALS-1	110	B199	ND	mg/kg	no	0.718		0.359
Silver	AREA METALS-1	110	B200	ND	mg/kg	no	0.625		0.3125
Silver	AREA METALS-1	110	B201	ND	mg/kg	no	0.602		0.301
Silver	AREA METALS-1	110	B202	0.864	mg/kg	no			0.864
Silver	AREA METALS-1	110	B203	ND	mg/kg	no	0.714		0.357
Silver	AREA METALS-1	110	B204	ND	mg/kg	no	0.632		0.316
Silver	AREA METALS-1	110	B205	ND	mg/kg	no	0.605		0.3025
Silver	AREA METALS-1	110	B206	ND	mg/kg	no	0.684		0.342
Silver	AREA METALS-1	110	B207	0.79	mg/kg	no			0.79
Silver	AREA METALS-1	110	B208	ND	mg/kg	no	0.637		0.3185
Silver	AREA METALS-1	110	B209	ND	mg/kg	no	0.731		0.3655
Silver	AREA METALS-1	110	B210	ND	mg/kg	no	0.665		0.3325

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

Table 4-5
Compliance Averaging Results
M-8 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Area	RDCSCC	Boring ID	Result	Units	Exceeds Criteria	MDL	Dilution Factor	Result Used for Average
Silver	AREA METALS-1	110	B211	0.715	mg/kg	no			0.715
Silver	AREA METALS-1	110	B212	ND	mg/kg	no	0.628		0.314
Silver	AREA METALS-1	110	B213	ND	mg/kg	no	0.684		0.342
Silver	AREA METALS-1	110	B214	ND	mg/kg	no	0.751		0.3755
Silver	AREA METALS-1	110	B215	ND	mg/kg	no	0.669		0.3345
Silver	AREA METALS-1	110	B216	ND	mg/kg	no	0.629		0.3145
Silver	AREA METALS-1	110	B217	ND	mg/kg	no	0.666		0.333
Silver	AREA METALS-1	110	B218	ND	mg/kg	no	0.567		0.2835
Silver	AREA METALS-1	110	B219	11.1	mg/kg	no			11.1
Silver	AREA METALS-1	110	B220	ND	mg/kg	no	0.77		0.385
Silver	AREA METALS-1	110	B221	ND	mg/kg	no	0.81		0.405
Silver	AREA METALS-1	110	B222	0.58	mg/kg	no			0.58
Silver	AREA METALS-1	110	B223	3.04	mg/kg	no			3.04
Silver	AREA METALS-1	110	B224	ND	mg/kg	no	0.632		0.316
Silver	AREA METALS-1	110	B225	0.662	mg/kg	no			0.662
Silver	AREA METALS-1	110	B226	2.28	mg/kg	no			2.28
Silver	AREA METALS-1	110	B227	ND	mg/kg	no	0.705		0.3525
Silver	AREA METALS-1	110	B228	ND	mg/kg	no	0.787		0.3935
Silver	AREA METALS-1	110	B229	ND	mg/kg	no	0.599		0.2995
Silver	AREA METALS-1	110	B230	ND	mg/kg	no	0.713		0.3565
Silver	AREA METALS-1	110	B231	ND	mg/kg	no	0.63		0.315
Silver	AREA METALS-1	110	B232	0.978	mg/kg	no			0.978
Silver	AREA METALS-1	110	B233	ND	mg/kg	no	0.774		0.387
Silver	AREA METALS-1	110	B234	2.18	mg/kg	no			2.18
Silver	AREA METALS-1	110	B235	ND	mg/kg	no	0.6		0.3
Silver	AREA METALS-1	110	B236	ND	mg/kg	no	0.767		0.3835
Silver	AREA METALS-1	110	B237	0.839	mg/kg	no			0.839
Silver	AREA METALS-1	110	B238	ND	mg/kg	no	0.627		0.3135
Silver	AREA METALS-1	110	B239	ND	mg/kg	no	0.628		0.314
Silver	AREA METALS-1	110	B240	ND	mg/kg	no	0.677		0.3385
Silver	AREA METALS-1	110	B241	ND	mg/kg	no	0.667		0.3335
Silver	AREA METALS-1	110	B242	ND	mg/kg	no	0.612		0.306
Silver	AREA METALS-1	110	B243	ND	mg/kg	no	0.755		0.3775
Silver	AREA METALS-1	110	B244	ND	mg/kg	no	0.724		0.362
Silver	AREA METALS-1	110	B245	ND	mg/kg	no	0.638		0.319
Silver	AREA METALS-1	110	B246	ND	mg/kg	no	0.709		0.3545
Silver	AREA METALS-1	110	B247	ND	mg/kg	no	0.647		0.3235
Silver	AREA METALS-1	110	B248	ND	mg/kg	no	0.729		0.3645
Silver	AREA METALS-1	110	B249	ND	mg/kg	no	0.704		0.352
Silver	AREA METALS-1	110	B250	ND	mg/kg	no	0.65		0.325

Notes:
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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-8 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Area	RDCSCC	Boring ID	Result	Units	Exceeds Criteria	MDL	Dilution Factor	Result Used for Average
								Compliance Average Result:	**1.870**

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

Table 4-6
Compliance Analysis Results Summary
M-8 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	Yes	0.943	Compliance average marginally above RDCSCC (within 1 to 2 mg/kg). No Further Action is warranted.
Benzo(a)anthracene	AREA SVOC-2	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-3	0.9	mg/kg	No		Given the scattered distribution of exceedances,site conditions, and limited public access to the site, No Further Action is warranted. The DPW will incorporate a document equivalent to a DER into the Fort Monmouth Master Plan.
Benzo(a)pyrene	AREA SVOC-1	0.66	mg/kg	No		Given the scattered distribution of exceedances,site conditions, and limited public access to the site, No Further Action is warranted. The DPW will incorporate a document equivalent to a DER into the Fort Monmouth Master Plan.
Benzo(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(a)pyrene	AREA SVOC-3	0.66	mg/kg	No		Given the scattered distribution of exceedances,site conditions, and limited public access to the site, No Further Action is warranted. The DPW will incorporate a document equivalent to a DER into the Fort Monmouth Master Plan.
Benzo(b)fluoranthene	AREA SVOC-1	0.9	mg/kg	Yes	0.758	Compliance average below RDCSCC. No Further Action is warranted.

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Pest/PCBs = Pesticides/Polychlorinated-Biphenyls.
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Table 4-6
Compliance Analysis Results Summary
M-8 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Average Area	RDCSCC	Units	Compliance Averaging Performed	Compliance Average Result	Compliance Analysis Result
Benzo(b)fluoranthene	AREA SVOC-2	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-3	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(k)fluoranthene	AREA SVOC-1	0.9	mg/kg	Yes	0.689	Compliance average below RDCSCC. No Further Action is warranted.
Benzo(k)fluoranthene	AREA SVOC-2	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(k)fluoranthene	AREA SVOC-3	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.
Chrysene	AREA SVOC-1	9	mg/kg	Yes	1.110	Compliance average below RDCSCC. No Further Action is warranted.
Chrysene	AREA SVOC-2	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.
Chrysene	AREA SVOC-3	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.

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Table 4-6
Compliance Analysis Results Summary
M-8 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Average Area	RDCSCC	Units	Compliance Averaging Performed	Compliance Average Result	Compliance Analysis Result
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.
Dibenz(a,h)anthracene	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.
Dibenz(a,h)anthracene	AREA SVOC-3	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.
Fluoranthene	AREA SVOC-2	2300	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.
Hexachlorobenzene	AREA SVOC-1	0.66	mg/kg	Yes	0.593	Compliance average below RDCSCC. No Further Action is warranted.
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	mg/kg	Yes	0.566	Compliance average below RDCSCC. No Further Action is warranted.
Indeno(1,2,3-cd)pyrene	AREA SVOC-2	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.
Indeno(1,2,3-cd)pyrene	AREA SVOC-3	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.

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Table 4-6
Compliance Analysis Results Summary
M-8 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Average Area	RDCSCC	Units	Compliance Averaging Performed	Compliance Average Result	Compliance Analysis Result
Naphthalene	AREA SVOC-2	230	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.
Pyrene	AREA SVOC-2	1700	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.

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Table 4-6
Compliance Analysis Results Summary
M-8 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Average Area	RDCSCC	Units	Compliance Averaging Performed	Compliance Average Result	Compliance Analysis Result
Pest/PCBs						
4,4'-DDD	AREA PESTPCB-1	3	mg/kg	Yes	0.574	Compliance average below RDCSCC. No Further Action is warranted.
4,4'-DDD	AREA PESTPCB-2	3	mg/kg	Yes	0.340	Compliance average below RDCSCC. No Further Action is warranted.
4,4'-DDE	AREA PESTPCB-1	2	mg/kg	Yes	0.190	Compliance average below RDCSCC. No Further Action is warranted.
4,4'-DDT	AREA PESTPCB-1	2	mg/kg	Yes	0.379	Compliance average below RDCSCC. No Further Action is warranted.
Arochlor 1016	AREA PESTPCB-2	0.49	mg/kg	Yes	0.382	Compliance average below RDCSCC. No Further Action is warranted.
Arochlor 1242	AREA PESTPCB-2	0.49	mg/kg	No		Given the scattered distribution of exceedances,site conditions, and limited public access to the site, No Further Action is warranted. The DPW will incorporate a document equivalent to a DER into the Fort Monmouth Master Plan.
Arochlor 1242	AREA PESTPCB-3	0.49	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-8 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Average Area	RDCSCC	Units	Compliance Averaging Performed	Compliance Average Result	Compliance Analysis Result
Arochlor 1260	AREA PESTPCB-1	0.49	mg/kg	Yes	1.169	Compliance average marginally above RDCSCC (within 1 to 2 mg/kg). No Further Action is warranted.
Arochlor 1260	AREA PESTPCB-2	0.49	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.
Dieldrin	AREA PESTPCB-2	0.042	mg/kg	Yes	0.032	Compliance average below RDCSCC. No Further Action is warranted.
Dieldrin	AREA PESTPCB-3	0.042	mg/kg	Yes	0.022	Compliance average below RDCSCC. No Further Action is warranted.
Heptachlor	AREA PESTPCB-1	0.15	mg/kg	Yes	1.267	Compliance average marginally above RDCSCC (within 1 to 2 mg/kg). No Further Action is warranted.

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

Table 4-6
Compliance Analysis Results Summary
M-8 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Average Area	RDCSCC	Units	Compliance Averaging Performed	Compliance Average Result	Compliance Analysis Result
Metals						
Antimony	AREA METALS-1	14	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.
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.
Barium	AREA METALS-1	700	mg/kg	Yes	69.785	Compliance average below RDCSCC. No Further Action is warranted.
Beryllium	AREA METALS-1	2	mg/kg	No		Given the scattered distribution of exceedances,site conditions, and limited public access to the site, No Further Action is warranted. The DPW will incorporate a document equivalent to a DER into the Fort Monmouth Master Plan.
Copper	AREA METALS-1	600	mg/kg	Yes	39.995	Compliance average below RDCSCC. No Further Action is warranted.
Lead	AREA METALS-1	400	mg/kg	No		Given the scattered distribution of exceedances,site conditions, and limited public access to the site, No Further Action is warranted. The DPW will incorporate a document equivalent to a DER into the Fort Monmouth Master Plan.
Mercury	AREA METALS-1	14	mg/kg	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.

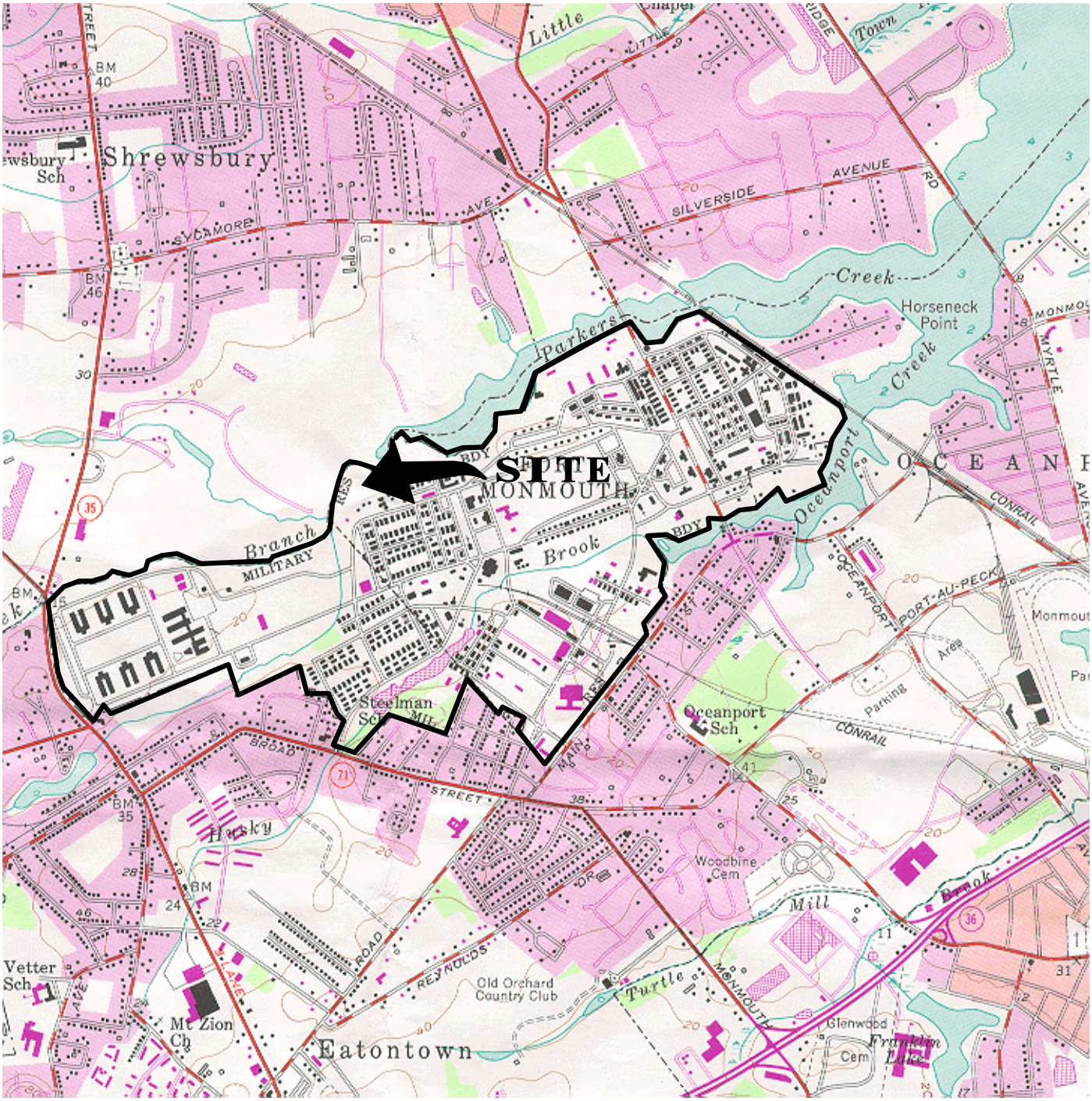
Notes:
RDCSCC = Residential Direct Contact Cleanup Criteria pre N.J.A.C. 7:26D.
VOCs = Volatile Organic Compounds; SVOCs = Semi-Volatile Organic Compounds.
Pest/PCBs = Pesticides/Polychlorinated-Biphenyls.
DER = Declaration of Environmental Restriction.

Table 4-6
Compliance Analysis Results Summary
M-8 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Average Area	RDCSCC	Units	Compliance Averaging Performed	Compliance Average Result	Compliance Analysis Result
Nickel	AREA METALS-1	250	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.
Selenium	AREA METALS-1	63	mg/kg	Yes	1.667	Compliance average below RDCSCC. No Further Action is warranted.
Silver	AREA METALS-1	110	mg/kg	Yes	1.870	Compliance average below RDCSCC. No Further Action is warranted.
Thallium	AREA METALS-1	2	mg/kg	No		Given the scattered distribution of exceedances,site conditions, and limited public access to the site, No Further Action is warranted. The DPW will incorporate a document equivalent to a DER into the Fort Monmouth Master Plan.
Zinc	AREA METALS-1	1500	mg/kg	No		Given the scattered distribution of exceedances,site conditions, and limited public access to the site, No Further Action is warranted. The DPW will incorporate a document equivalent to a DER into the Fort Monmouth Master Plan.

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

FIGURES



LONG BRANCH, N. J.

40073-C8-TF-024

1954

PHOTOREVISED 1981

DMA 6164 I SE-SERIES V822

QUADRANGLE LOCATION

Mapped, edited and published by the Geological Survey

Figure 2-1
Site Location Map
M-8 Landfill Site
Fort Monmouth, New Jersey

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

Geologic Map of New Jersey

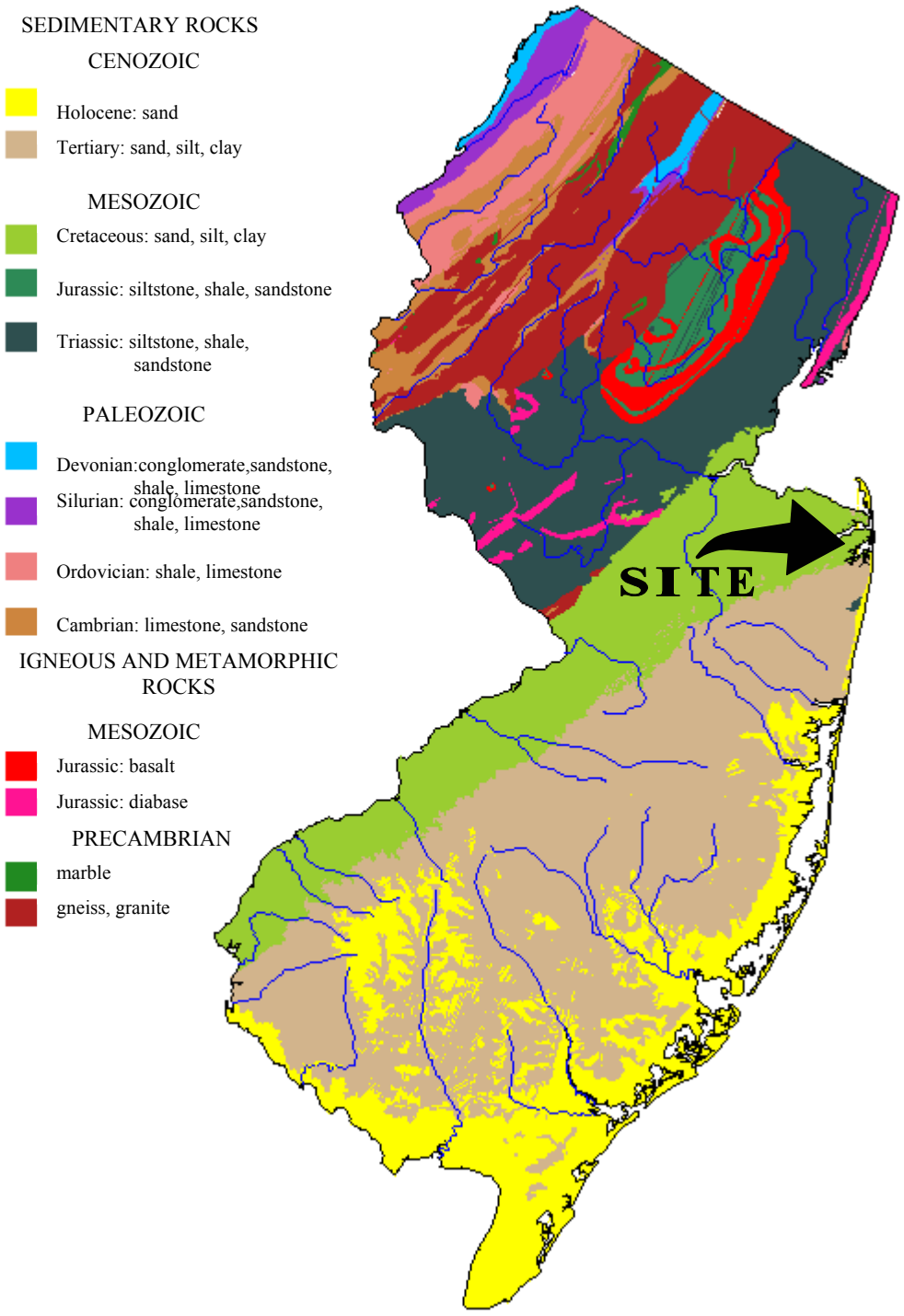


Figure 2-2
Geologic Map of New Jersey
M-8 Landfill Site
Fort Monmouth, New Jersey

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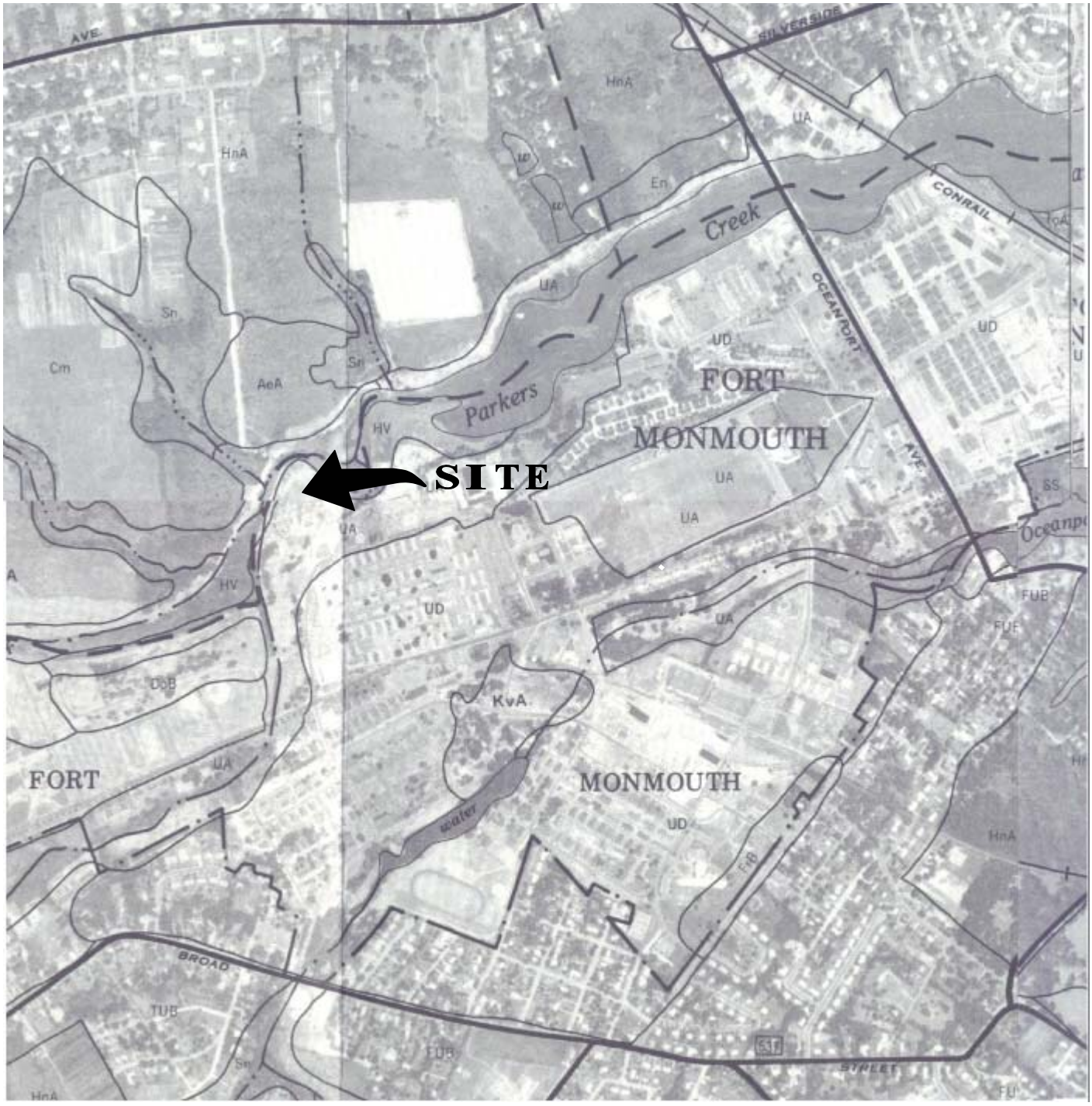
Horsham, PA 19044
(215) 957-0955

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-8 Landfill Site
Fort Monmouth, New Jersey

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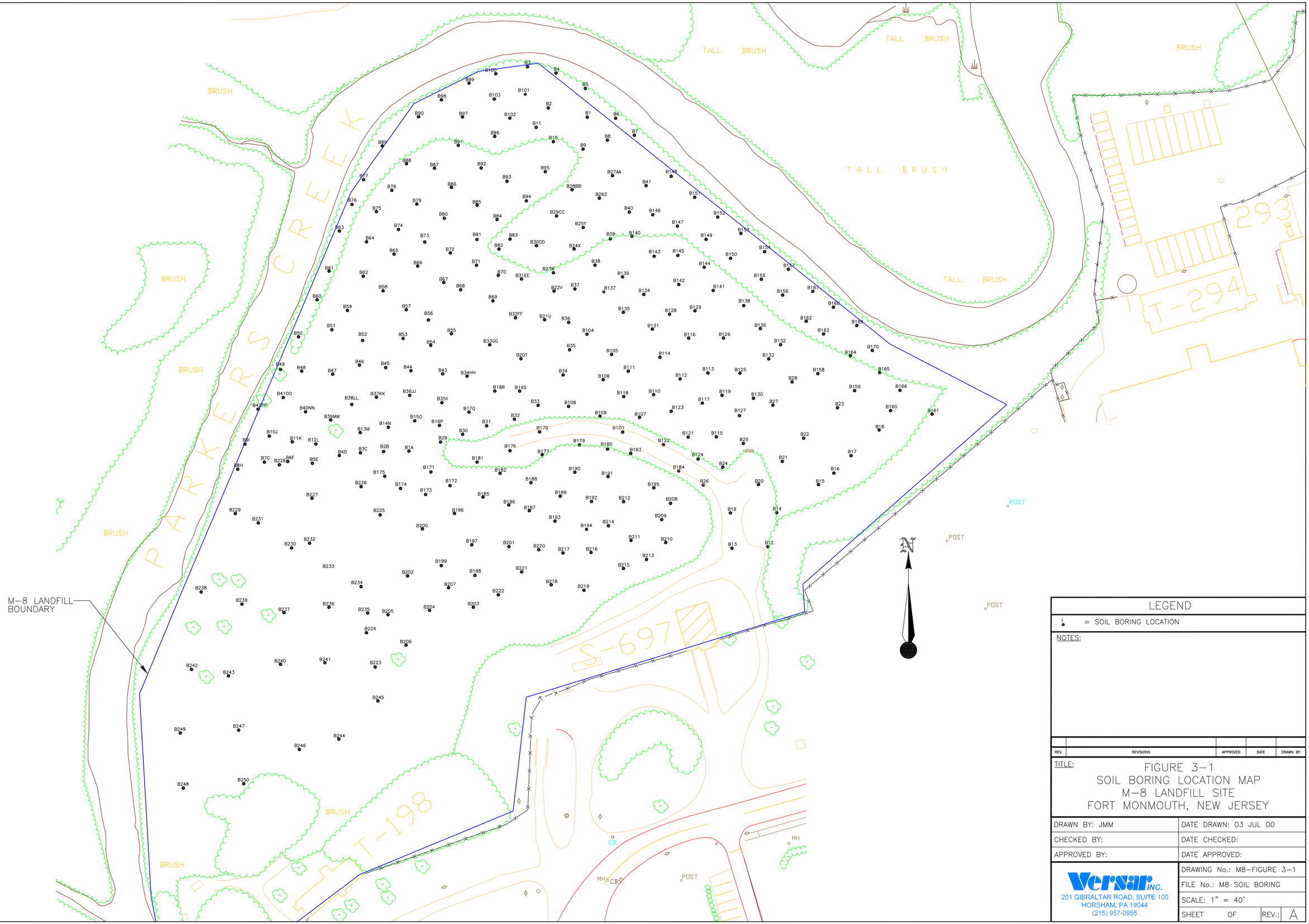
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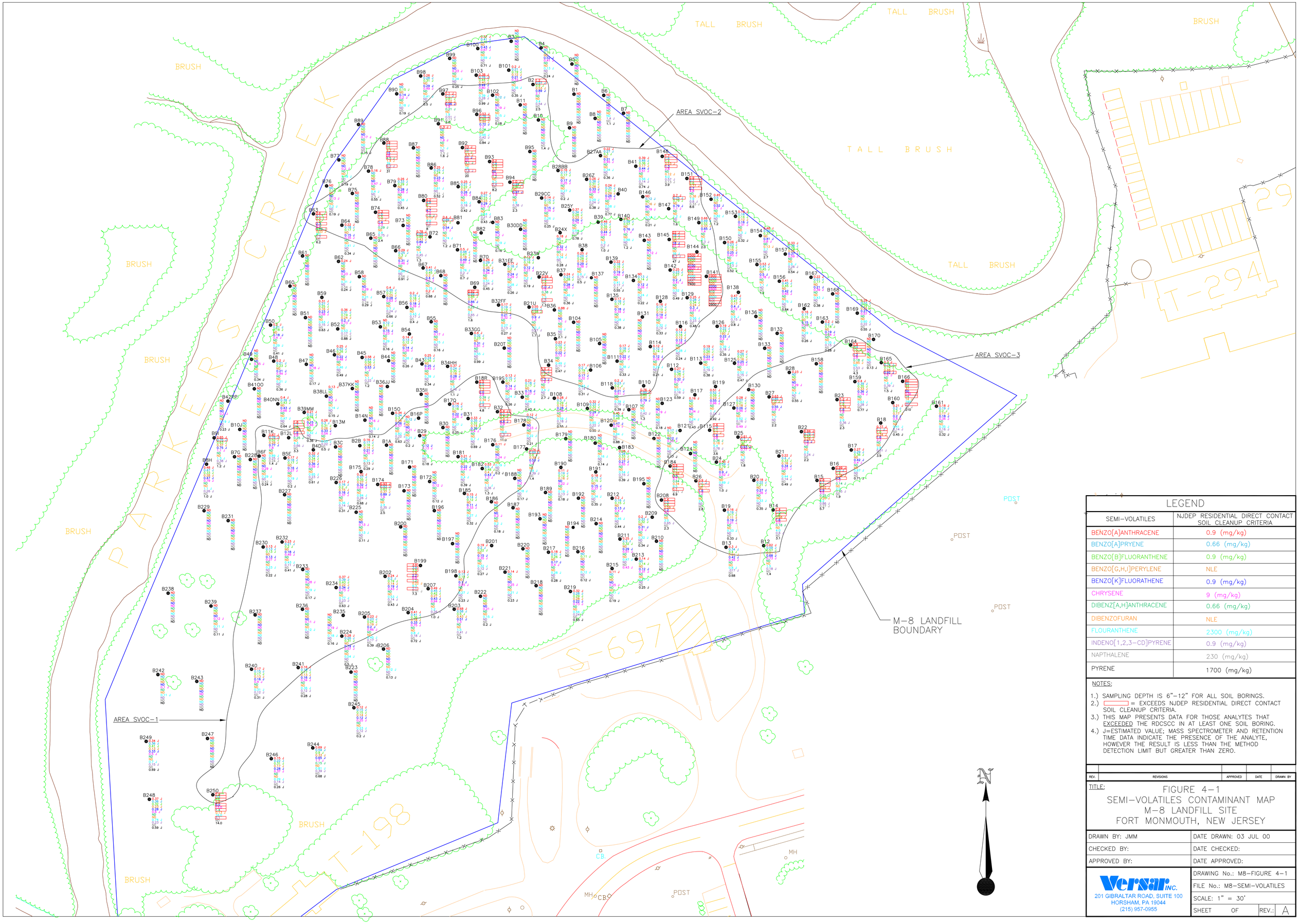

LEGEND

SEMI-VOLATILES	NJDEP RESIDENTIAL DIRECT CONTACT SOIL CLEANUP CRITERIA
BENZO[A]ANTHRACENE	0.9 (mg/kg)
BENZO[A]PRYENE	0.66 (mg/kg)
BENZO[B]FLUORANTHENE	0.9 (mg/kg)
BENZO[G,H,I]PERYLENE	NLE
BENZO[K]FLUORATHENE	0.9 (mg/kg)
CHRYSENE	9 (mg/kg)
DIBENZ[A,H]ANTHRACENE	0.66 (mg/kg)
DIBENZOFURAN	NLE
FLOURANTHENE	2300 (mg/kg)
INDENO[1,2,3-CD]PYRENE	0.9 (mg/kg)
NAPTHALENE	230 (mg/kg)
PYRENE	1700 (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.) 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.

REV.	REVISIONS	APPROVED	DATE	DRAWN BY

TITLE:

FIGURE 4-1
SEMI-VOLATILES CONTAMINANT MAP
M-8 LANDFILL SITE
FORT MONMOUTH, NEW JERSEY

DRAWN BY: JMM	DATE DRAWN: 03 JUL 00
CHECKED BY:	DATE CHECKED:
APPROVED BY:	DATE APPROVED:

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HORSHAM, PA 19044
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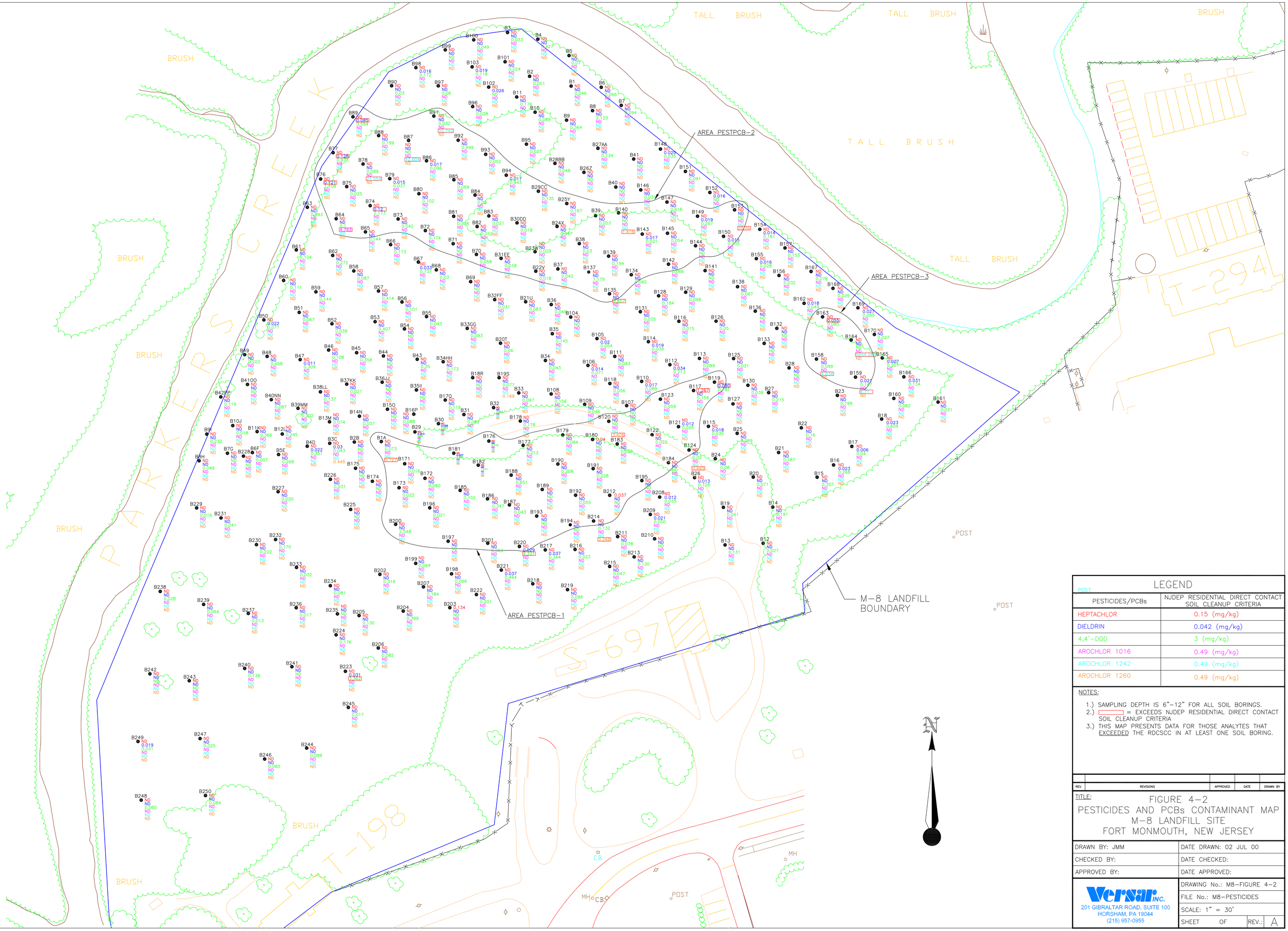
DRAWING No.: M8-FIGURE 4-1	
FILE No.: M8-SEMI-VOLATILES	
SCALE: 1" = 30'	
SHEET OF	REV.: A



LEGEND

PESTICIDES/PCBs	NJDEP RESIDENTIAL DIRECT CONTACT SOIL CLEANUP CRITERIA
HEPTACHLOR	0.15 (mg/kg)
DIELDRIN	0.042 (mg/kg)
4,4'-DDD	3 (mg/kg)
AROCHLOR 1016	0.49 (mg/kg)
AROCHLOR 1242	0.49 (mg/kg)
AROCHLOR 1260	0.49 (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.

REV.	REVISIONS	APPROVED	DATE	DRAWN BY

TITLE:

FIGURE 4-2
PESTICIDES AND PCBs CONTAMINANT MAP
M-8 LANDFILL SITE
FORT MONMOUTH, NEW JERSEY

DRAWN BY: JMM	DATE DRAWN: 02 JUL 00
CHECKED BY:	DATE CHECKED:
APPROVED BY:	DATE APPROVED:

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HORSHAM, PA 19044
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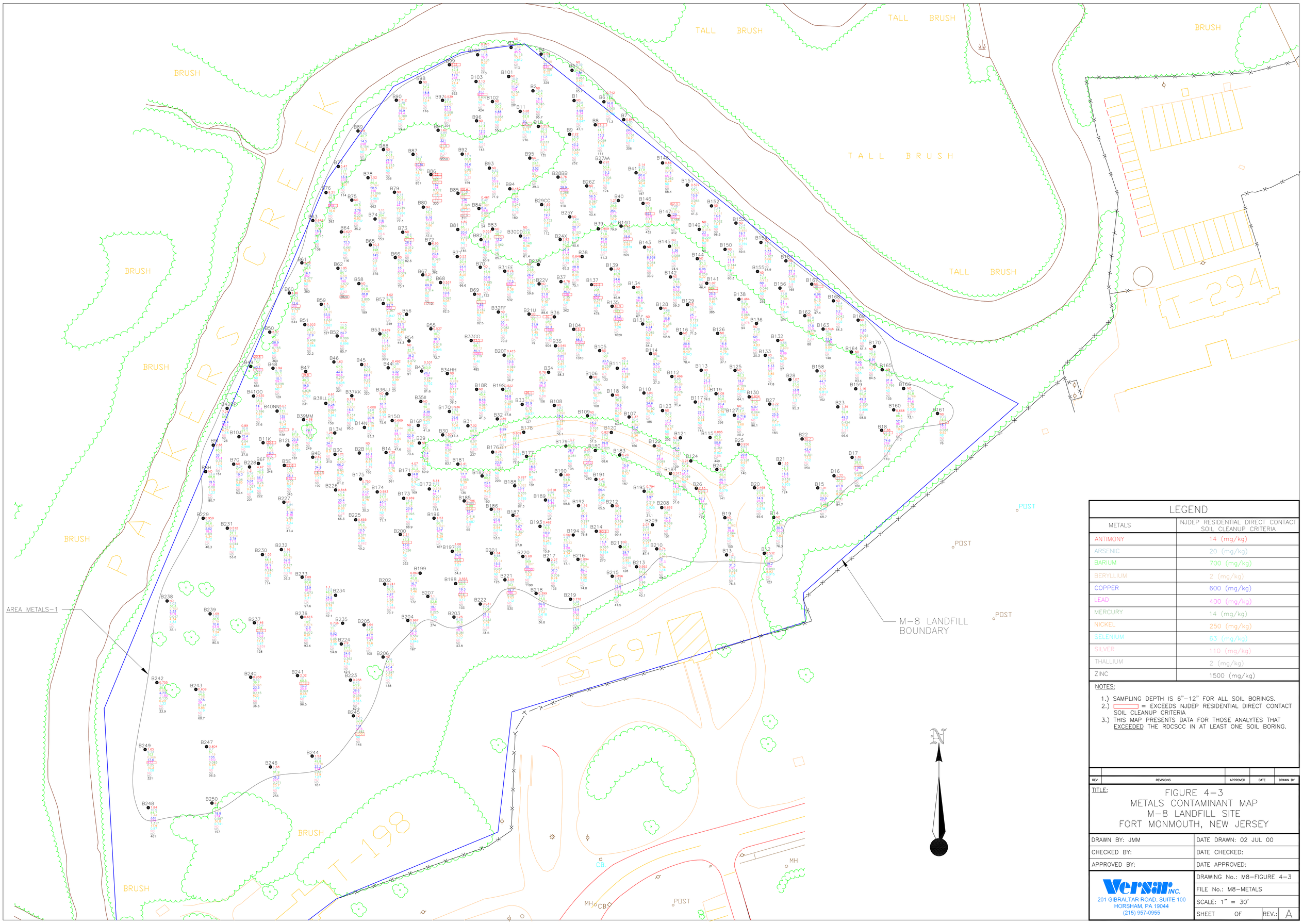
DRAWING No.: M8-FIGURE 4-2	
FILE No.: M8-PESTICIDES	
SCALE: 1" = 30'	
SHEET OF	REV.: A



LEGEND

METALS	NJDEP RESIDENTIAL DIRECT CONTACT SOIL CLEANUP CRITERIA
ANTIMONY	14 (mg/kg)
ARSENIC	20 (mg/kg)
BARIUM	700 (mg/kg)
BERYLLIUM	2 (mg/kg)
COPPER	600 (mg/kg)
LEAD	400 (mg/kg)
MERCURY	14 (mg/kg)
NICKEL	250 (mg/kg)
SELENIUM	63 (mg/kg)
SILVER	110 (mg/kg)
THALLIUM	2 (mg/kg)
ZINC	1500 (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.

REV.	REVISIONS	APPROVED	DATE	DRAWN BY

TITLE:

FIGURE 4–3
METALS CONTAMINANT MAP
M–8 LANDFILL SITE
FORT MONMOUTH, NEW JERSEY

DRAWN BY: JMM	DATE DRAWN: 02 JUL 00
CHECKED BY:	DATE CHECKED:
APPROVED BY:	DATE APPROVED:

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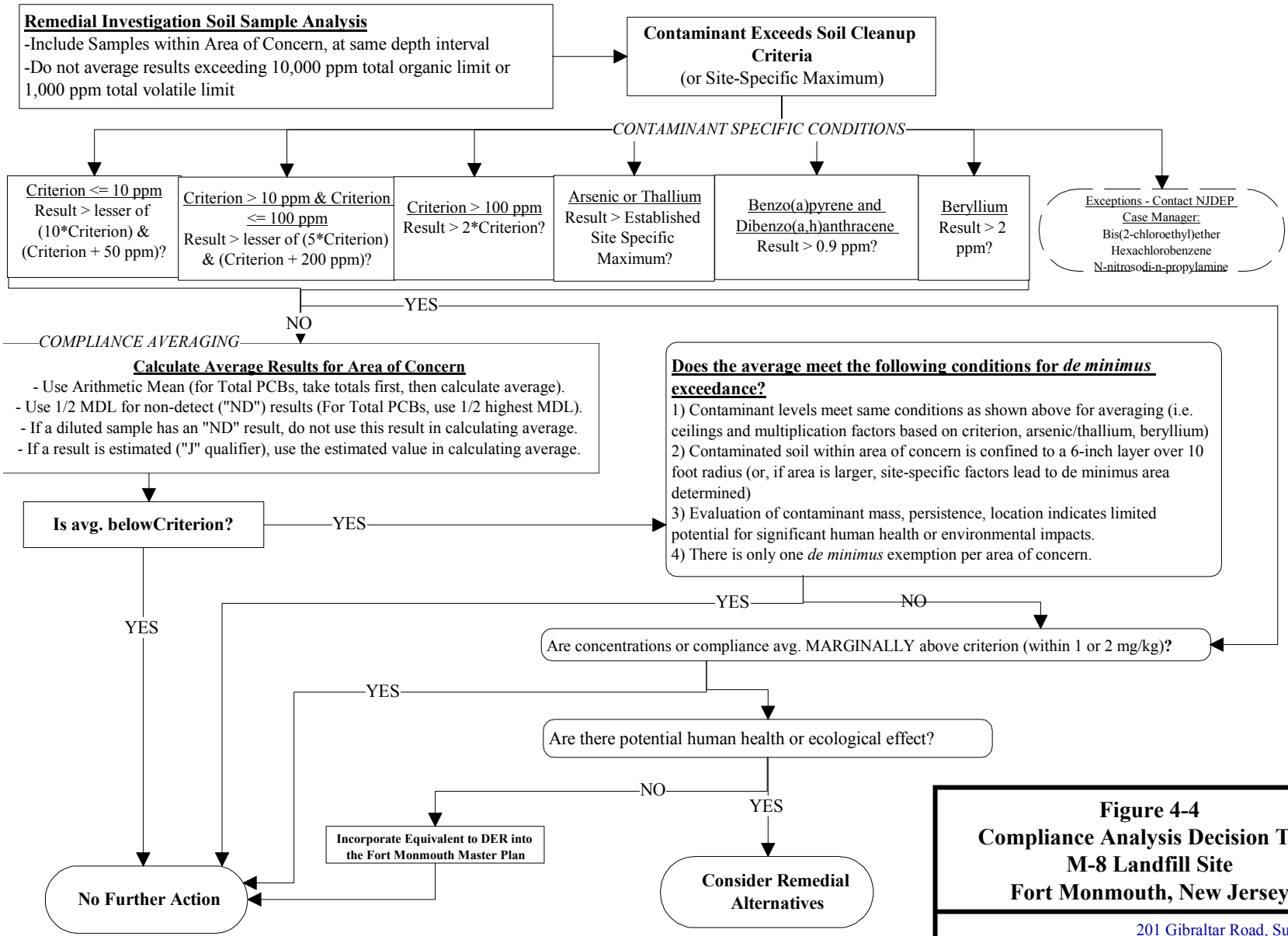
(215) 957-0955

DRAWING No.: M8–FIGURE 4–3	
FILE No.: M8–METALS	
SCALE: 1" = 30'	
SHEET OF	REV.: A



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

Figure 4-4
Compliance Analysis Decision Tree
M-8 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-8 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-8 Landfill Site, dated August 10, 1998

State of New Jersey
Department of Environmental Protection

Christine Todd Whitman
Governor

Robert C. Shinn, Jr.
Commissioner

AUG 10 1998

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

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

Dear Mr. Fallon:

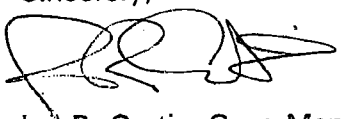
The NJDEP has received your letter of July 7, 1998 regarding the proposed investigation of the eight sanitary landfill sites located on the Main Post and one sanitary landfill located at the Charles Wood area. The NJDEP accepts the letter as submitted and proposed investigation.

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

FTMMTH53.DOC

APPENDIX C

Roy F. Weston, Inc. Site Investigation Report, December 1995
Section 4.2.7 – Landfill 8 (M-8)

4.2.7 Landfill 8 (M-8)

4.2.7.1 Site Location

Landfill 8 (M-8) is located north of Buildings T-692 and S-697 in a bend of Parkers Creek (Figure 4.2-12). According to the *Phase I Engineering Study and Compliance Plan, Fort Monmouth Solid Waste Landfill* (Cosulich, 1981), a masonry dike was constructed around the landfill perimeter adjacent to Parkers Creek. The area within the dike is 9.5 acres, of which approximately 7.2 acres contain waste material. The approximate area of site M-8 is 315,000 ft^2 (7.2 acres).

4.2.7.2 Site History

Landfill 8 was operated from 1962 through 1981. In preparation for landfill operations, as mentioned previously, a masonry dike was constructed around the perimeter. According to Cosulich (1981), in the southern part of the landfill area, an approximately 0.9-acre area was excavated to 12 feet below grade prior to filling with solid waste. Waste material was deposited directly on the existing surface over the rest of the site. Cosulich found the bottom of fill to be 3 feet below sea level. The 1969 aerial photographs show an uneven surface with both pit-type disposal and piled-up debris. A number of drums stacked near the entrance just west of the STP are visible in the 1969 photos. The area just west of the stacked drums appears to have randomly strewn drums. In the western half of the site, there were two separate piles of telephone poles. One area in the south-central part of the landfill was used for the disposal of trees and brush.

The photos also show that soil was used to cover the trash. In 1969 part of the area was covered with vegetation.

At present, the landfill is covered with heavy brush and small trees. There is no visible evidence of the drums observed in the 1969 aerial photographs. Four monitor wells and several piezometers of unknown construction were found during the site walkover in 1993.

According to the IA in 1979, materials observed in Landfill 8 and determined from interviews, included unwashed pesticide/herbicide cans, batteries, fluorescent tubes, electronic components, garbage, asbestos wrappings from pipes, soot and boiler scale, sludge from STPs, small quantities of outdated drugs, outdated photographic chemicals in glass bottles, building rubble (including ACM), incinerator ash, sand from oil spill cleanups, and other debris. Cosulich reported that incinerator ash from the classified document incinerator (site M-7) ranging in thickness from 2.5 to 6.5 feet was found along the southern boundary of the landfill. Cosulich also reports that leaves and brush were placed in this landfill. From 1992 through the present, an adjacent area to the southeast of Landfill M-8 has been used for a leaf-composting operation. This operation has an NJDEP permit.

As part of an NJPDES permit, surface-water samples have been taken at two locations in Lafetra Creek 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.

4.2.7.3 Sampling Effort

Because of the poor recovery of the original Landfill 8 monitor wells and the highly turbid conditions in the wells, all existing wells and piezometers were abandoned. Four new monitor wells (MW-12 through MW-15), shown in Figure 4.2-12, were installed and sampled twice for TCL +30 parameters, TAL metals, sulfate, ammonia, and cyanide in an effort to evaluate the impacts of previous site activities on groundwater quality. The new wells were surveyed and tidal water-elevation monitoring was conducted in the four new monitor wells and at stilling well-7 (Figure 4.2-12).

4.2.7.4 Hydrogeologic Interpretation

Lithologic logs from downgradient wells MW-13, MW-14, and MW-15 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 large wood chip fragments, amber glass chips, and traces of wires. Natural sandy silt with trace amounts of clay were intermixed with the manmade

materials. Monitor well MW-12, located upgradient of the landfill boundary, indicates a lithology consisting of an orange-brown medium-fine-grained sand with trace amounts of silt and clay.

Groundwater saturation observed during drilling operations ranged from 2 to 8 ft bgs, depending on the proximity to Parkers Creek. Monitor wells were screened across the water table and were drilled to 15 ft bgs at all well locations. Water-level elevation data, measured on 6 March 1995, indicate that local groundwater flow is generally north toward Parkers Creek (Figure 4.2-13). Based on groundwater elevation measurements, monitor wells MW-13, MW-14, and MW-15 are downgradient and MW-12 is upgradient of the area under investigation.

4.2.7.5 Groundwater Sampling Results

Monitor wells at site M-8 were sampled for the analytical parameters listed in Table 3.8-1. The analytical results for groundwater samples from the individual sampling rounds are listed in Appendix D. Table 4.2-9 compares the average concentrations of the detected compounds from the February and March sampling rounds with the NJDEP GWQC, and then compares the results with the subsequent site-specific and Monmouth County maximum background concentrations, where appropriate. Figure 4.2-14 presents the locations and average concentrations of compounds detected above the NJDEP GWQC and established maximum background at the Main Post.

VOCs

Three VOCs (tetrachloroethene, benzene, and chlorobenzene) were detected in site groundwater in one or both sampling rounds in concentrations exceeding the NJDEP GWQC. Tetrachloroethene was detected in MW-12, the upgradient well, from both sampling rounds. Benzene was detected below the laboratory quantitation limit in MW-15 from both sampling rounds; however, the level is estimated to be above the NJDEP GWQC of 1 µg/L. Chlorobenzene was detected in MW-15 from both sampling rounds and in MW-14 below laboratory quantitation limits, from the March sampling round only. VOC compounds were not detected in MW-13.

Table 4.2-9
Fort Monmouth - Main Post
Summary of Average Concentrations of Detected Compounds in Groundwater - Site M-8

COMPOUND	METHOD DETECTION LIMIT (µg/L)	NJDEP GROUNDWATER QUALITY CRITERIA (µg/L)	MAXIMUM BACKGROUND CONCENTRATION (µg/L)	ANALYTICAL RESULTS (µg/L) SAMPLING DATE MW12 2/17/95, 3/15/95 (avg.)	MW13 2/22/95, 3/15/95 (avg.)	MW14 2/16/95, 3/15/95 (avg.)	MW15 2/22/95, 3/15/95 (avg.)
VOC's (µg/L)							
Tetrachloroethene (PCE)[1]	4.0**	1*	ND	**47**	ND	ND	ND
Benzene	3.3**	1*	ND	ND	ND	ND	**4.5J**
Chlorobenzene	2.7	4	ND	ND	ND	**6.5J**	**37.5**
Toluene	2.7	1000	ND	ND	ND	4.5J	ND
SVOCs (µg/L)							
1,4-Dichlorobenzene	4.8	75	ND	ND	ND	3J	4.5J
1,3-Dichlorobenzene	5.3	600	ND	ND	ND	ND	3.5J
1,2-Dichlorobenzene	5.7	600	ND	ND	ND	ND	3J
Naphthalene	8.4	NLE	ND	ND	ND	3J	3J
2-Methylnaphthalene	8.7	NLE	ND	ND	ND	1J	1.5J
Acenaphthene	6.7	400	ND	ND	ND	2J	15.5
Dibenzofuran	6.5	NLE	ND	ND	ND	ND	6J
Fluorene	6.3	300	ND	ND	ND	ND	8J
Carbazol	4.4	NLE	ND	ND	ND	ND	3J
METALS TOTAL (µg/L)							
Aluminum	24.0	200	121000	**738**	**512**	**2350**	**568**
Arsenic	1.9	8*	89.3	ND	ND	3.75	ND
Barium	1.7	2000	699	8.8	232	410	269
Beryllium	0.9	20*	7[1]	ND	ND	0.7	ND
Calcium	10.4	NLE	45400	8980	157500	159500	336000
Cadmium	2.8	4	9.5	ND	ND	2.95	ND
Cobalt	3.0	NLE	18.3	ND	ND	4.3	ND
Chromium	2.9	100	191	8.425	4.2	24	4.25
Copper	1.9	1000	730[2]	2.6	6.5	5.2	ND
Iron	6.4	300	431000	**2979.5**	**40000**	**57350**	**25800**
Mercury	0.2	2	0.26	ND	0.36	ND	ND
Potassium	685	NLE	137000	2815	19950	65150	35450
Magnesium	18.3	NLE	62700	2485	63950	77050	74000
Manganese	1.8	50	480[2]	10.25	**655**	**276**	**381**
Sodium	30.5	50000	197000[2]	21550	**156050**	**383500**	**229000**
Nickel	10.8	100	187	ND	ND	3.5	ND
Lead	1.6	10*	22.7	0.9	3.25	9.75	2.1
Vanadium	2.3	NLE	108	6.225	4.7	14.15	7.7
Zinc	3.8	5000	233	6.55	19.6	53.4	21.1
OTHER INORGANICS (µg/L)							
Ammonia as Nitrogen	0.2	500	NA	ND	2.75	36.3	30.25
Sulfate	5.0	250000	NA	40.9	24.15	11.4	81.35

[1] - same compound as listed by NJDEP tetrachloroethylene

Compounds exceeding NJDEP groundwater quality criteria are noted by bold numbers.

NJDEP groundwater quality criteria consist of the higher number between the PQL or STANDARD

*PQL - Practical Quantitation Limit -was used as the NJDEP groundwater quality criteria

NLE - No Level Established

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

J - Indicates that the concentration value was estimated due to detection at or near the quantification limits

** - Method detection limit exceeds NJDEP groundwater quality criteria.

NA - Not Analyzed

[2] - Monmouth County maximum background concentrations.

SVOCs

One SVOC (acenaphthene) was detected above the laboratory quantitation limit in monitor well MW-15. Acenaphthene was detected in a concentration well below the NJDEP GWQC.

Pesticides/PCBs

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

Metals

As indicated in Table 4.2-9, of the 19 metals detected in site groundwater, 4 metals (aluminum, iron, manganese, and sodium) were found in concentrations exceeding the NJDEP GWQC. However, aluminum was found in concentrations below those determined for site-specific and Monmouth County maximum background levels. Although iron was found in concentrations well below site-specific maximum background levels, iron was detected in concentrations in MW-13 and MW-14 above Monmouth County maximum background levels. The presence of iron in exceedance of the criteria may be attributable to the high concentrations found in site background soils and is not a compound of concern. Manganese in MW-13 and sodium in MW-14 and MW-15 were detected in concentrations greater than both established background levels (Figure 4.2-14). Elevated sodium concentrations may be the result of saline water intrusion into the groundwater. These wells are near the Parkers Creek estuary. Saltwater has invaded the estuary (see Subsection 4.2.7.6.1) and intruded the aquifer monitored by these wells. Sodium is not a compound of concern. 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.

Cyanide, Sulfate, and Ammonia

Cyanide, sulfate, and ammonia as nitrogen were analyzed for in site M-8 groundwater. Cyanide was not detected in the site monitor wells from either sampling round. Sulfate was detected above the laboratory quantitation limit in both sampling rounds in MW-12, MW-13, MW-14, and MW-15. Ammonia as nitrogen was detected above the laboratory quantitation limit in both sampling rounds in MW-13 and MW-15. Ammonia, not detected from the February sampling round in MW-14, was detected in the March sampling round. Sulfate and ammonia were detected well below the NJDEP GWQC.

4.2.7.6 Tidal Monitoring

Tidal fluctuations in Parkers Creek were monitored at one station (stilling well-7) at Landfill 8 (M-8) (Figure 4.2-12). (Hydrographs are presented in Appendix E.) Changes in creek stage were compared to changes in water levels measured at the following monitor wells: MW-12, MW-13, MW-14, and MW-15. Wells MW-13, MW-14, and MW-15 are located within 100 feet of Parkers Creek, and well MW-12 is approximately 1,300 feet from Parkers Creek. The tidal monitoring station at Landfill 8 (M-8) records incoming and outgoing tides, but the lowest tidal effects are subdued. Peaks in creek levels corresponding to high tides are sharp, but peaks in creek levels corresponding to low tides are rounded because the elevation of the stream bed is higher than the elevation of sea level at low tide. The elevation of the stream bed is -1.02 ft msl at stilling well-7. The maximum change in creek levels at Landfill 8 (M-8) was 3.3 feet, and the maximum change in water level in the monitor well was 1.4 feet during the time of study. All site monitor wells were screened below sea level.

Data collected from well MW-12 are useful as baseline data during the tidal monitoring study conducted at Landfill 8 (M-8). There is no apparent relationship between water levels measured at well MW-12 and creek levels measured at stilling well-7. Well MW-12 is approximately 1,300 feet from the creek and is too distant to be influenced by changing creek levels. Water levels in the water-bearing unit and creek levels were slowly declining by about 0.1 foot during the tidal monitoring study in March 1995.

The response of water levels measured at well MW-14 is dampened, indicating a poor to moderate hydraulic connection between the water-bearing unit at MW-14 and the creek levels. The peak in water levels measured at well MW-14 occurs from 60 to 200 minutes after the peak in creek level at stilling well-7, and the water-level peaks at MW-14 are only about 10% of the tidal peak in creek levels.

There is an apparent hydraulic influence between the water-bearing unit at MW-13 and creek levels. Water levels measured at MW-13 respond quickly to high tides recorded in the creek. The response of water levels at MW-13 to low tides in the creek is subdued probably because low tides have less effect on Parkers Creek in the area of MW-13. This is expected because MW-13 is approximately 2,400 feet upstream from stilling well-7, and tidal changes in the creek diminish in the upstream direction, as documented at Landfill 2 (M-2). The ratio of change in water level in the water-bearing unit to change in creek levels was not calculated for this location because of the distance between the well and the tidal monitoring station.

There is an apparent hydraulic connection between the water-bearing unit at MW-15 and creek levels. Water levels measured at well MW-15 respond quickly to rising and falling creek levels. The peak in water levels measured at well MW-15 occurs at approximately the same time as the peak in creek levels at stilling well-7. The response of water levels at MW-15 to low tides in the creek is slightly subdued. At this location (stilling well-7, MW-15) water-level peaks at MW-15 are approximately 30 to 40% of the tidal peak in creek levels.

4.2.7.6.1 Conductivity and Salinity Results

Conductivity and salinity were measured at Parkers Creek and monitor wells (MW-12 through MW-15) at Landfill 8 (M-8) in January and March 1995. Measurements were collected at low tide and high tide each month to evaluate the extent of saltwater intrusion at each site (see Tables E-1 through E-3 in Appendix E).

The results indicate the presence of brackish to salty water in Parkers Creek at Landfill 8 (M-8). Specific conductance measured in Parkers Creek at Landfill 8 (M-8) is consistently greater than

2,000 µmhos. In addition, salinity measured in Parkers Creek at Landfill 8 (M-8) is consistently greater than 1.5 ppth.

Groundwater sampled from monitor well MW-12 exhibited low conductivity and zero salinity. Monitor wells MW-13, MW-14, and MW-15 indicate possible brackish to saltwater intrusion in an area of the water-bearing unit close to Parkers Creek.

4.2.7.7 Recommendations

Due to highly turbid conditions and poor water-level recovery of the original monitor wells, all original monitor wells and piezometers were abandoned.

Groundwater sampling results indicate low concentrations of benzene and chlorobenzene were detected in two downgradient monitor wells, and PCE concentrations were detected in the upgradient well (MW-12) exceeding NJDEP GWQC. Additionally, PCE and other VOCs were previously detected in surface-water samples at location SS-7, downstream of site M-8.

Because the site formerly had an NJPDES permit, surface water has been sampled since 1986. However, surface water was not sampled at site M-8 during this investigation because the maximum VOC concentrations at this site during previous rounds of sampling were less than the maximum concentrations at sites M-2 and M-3, which are upstream. The concentrations of VOCs at site M-8 for previous rounds were less than the NJDEP surface-water criteria.

The results of the tidal monitoring indicate that there is no apparent relationship between creek levels and water levels in MW-12 because of its distance from the creek. A poor to moderate relationship was measured between MW-14 and creek levels. A direct relationship was observed between creek levels and MW-13 and MW-15. The conductivity and salinity measurements in Parkers Creek indicate the presence of brackish to salty water at site M-8. Groundwater sampled from MW-12 indicates freshwater. Monitor wells MW-13, MW-14, and MW-15 indicate brackish to salty water in an area of the water-bearing unit close to Parkers Creek.

Although groundwater sample results exceeded NJDEP criteria for three VOCs, immediate remedial action is not required. Shallow groundwater flows toward and discharges to Lafetra Creek, as indicated by water-level measurements in site monitor wells. There are no known uses of groundwater at or downgradient of the site. In fact, groundwater at three of the four monitor wells is brackish and unsuitable for drinking. No surface-water sampling was performed at this site during this project. Previous sampling rounds have indicated that VOC concentrations did not exceed NJDEP surface-water criteria in the stream. Therefore, there is little immediate threat to human health.

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

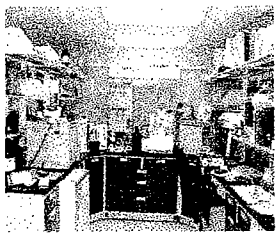
Since the existing monitor wells and surface-water sampling locations are adequately placed to monitor downgradient groundwater and surface water, DPW proposes that a long-term surface-water and groundwater monitoring program be developed and implemented for the site. Aqueous samples would be collected and analyzed on a quarterly basis to further evaluate water quality conditions at the site. Groundwater samples would be collected from existing monitor wells and surface-water samples would be collected from points yet to be determined. Compounds of concern identified in the first two rounds of sampling would be targeted for the monitoring program.

APPENDIX D

Soil Boring Samples Laboratory Analytical Data Sheets

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS
PHONE: (732) 532-6224 FAX: (732) 532-6263
WET-CHEM - METALS - ORGANICS - FIELD SAMPLING
CERTIFICATIONS: NJDEP #13461, NYSDOH #11699



ANALYTICAL DATA REPORT
Fort Monmouth Environmental Laboratory
ENVIRONMENTAL DIVISION
Fort Monmouth, New Jersey
PROJECT: M-8 Landfill

M-8/Landfill

Field Sample Location	Laboratory Sample ID#	Matrix	Date and Time of Collection	Date Received
Trip Blank	4045.01	Methanol	10-Nov-98	11/10/98
M-8 B1 6-12"	4045.02	Soil	10-Nov-98 12:32	11/10/98
M-8 B1 24"	4045.03	Soil	10-Nov-98 12:39	11/10/98
M-8 B2 6-12"	4045.04	Soil	10-Nov-98 13:17	11/10/98
M-8 B2 24"	4045.05	Soil	10-Nov-98 13:27	11/10/98
M-8 B3 6-12"	4045.06	Soil	10-Nov-98 13:39	11/10/98
M-8 B3 24"	4045.07	Soil	10-Nov-98 13:43	11/10/98
M-8 B4 6-12"	4045.08	Soil	10-Nov-98 14:03	11/10/98
M-8 B4 24"	4045.09	Soil	10-Nov-98 14:09	11/10/98
M-8 B5 6-12"	4045.10	Soil	10-Nov-98 14:27	11/10/98
M-8 B5 24"	4045.11	Soil	10-Nov-98 14:32	11/10/98
Trip Blank	4095.01	Methanol	30-Nov-98	11/30/98
M-8 B6 6-12"	4095.02	Soil	30-Nov-98 13:21	11/30/98
M-8 B6 24"	4095.03	Soil	30-Nov-98 13:25	11/30/98
M-8 B7 6-12"	4095.04	Soil	30-Nov-98 13:37	11/30/98
M-8 B7 24"	4095.05	Soil	30-Nov-98 13:41	11/30/98
M-8 B8 6-12"	4095.06	Soil	30-Nov-98 14:09	11/30/98
M-8 B8 24"	4095.07	Soil	30-Nov-98 14:14	11/30/98
M-8 B9 6-12"	4095.08	Soil	30-Nov-98 14:29	11/30/98
M-8 B9 24"	4095.09	Soil	30-Nov-98 14:33	11/30/98
M-8 B10 6-12"	4095.10	Soil	30-Nov-98 14:57	11/30/98
M-8 B10 24"	4095.11	Soil	30-Nov-98 15:03	11/30/98
M-8 B11 6-12"	4095.12	Soil	30-Nov-98 15:25	11/30/98
M-8 B11 24"	4095.13	Soil	30-Nov-98 15:29	11/30/98
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M-8 B12 6-12"	4145.02	Soil	15-Dec-98 09:45	12/16/98
M-8 B12 24"	4145.03	Soil	15-Dec-98 09:45	12/16/98
M-8 B13 6-12"	4145.04	Soil	15-Dec-98 10:00	12/16/98
M-8 B13 24"	4145.05	Soil	15-Dec-98 10:00	12/16/98
M-8 B14 6-12"	4145.06	Soil	15-Dec-98 10:25	12/16/98
M-8 B14 24"	4145.07	Soil	15-Dec-98 10:25	12/16/98

SAMPLE LOCATION AND IDENTIFICATION

M-8 15 6-12"	4145.08	Soil	16-Dec-98 10:50	12/16/98
M-8 15 24"	4145.09	Soil	16-Dec-98 10:50	12/16/98
M-8 16 6-12"	4145.10	Soil	16-Dec-98 11:10	12/16/98
M-8 16 24"	4145.11	Soil	16-Dec-98 11:10	12/16/98
M-8 17 6-12"	4145.12	Soil	16-Dec-98 11:30	12/16/98
M-8 17 24"	4145.13	Soil	16-Dec-98 11:30	12/16/98
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M-8 21 6-12"	4145.20	Soil	16-Dec-98 14:00	12/16/98
M-8 21 24"	4145.21	Soil	16-Dec-98 14:00	12/16/98
M-8 22 6-12"	4145.22	Soil	16-Dec-98 14:35	12/16/98
M-8 22 24"	4145.23	Soil	16-Dec-98 14:35	12/16/98
M-8 23 6-12"	4145.24	Soil	16-Dec-98 15:00	12/16/98
M-8 23 24"	4145.25	Soil	16-Dec-98 15:00	12/16/98
M-8 24 6-12"	4145.26	Soil	16-Dec-98 15:30	12/16/98
M-8 24 24"	4145.27	Soil	16-Dec-98 15:30	12/16/98
M-8 25 6-12"	4145.28	Soil	16-Dec-98 16:00	12/16/98
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M-8 26 6-12"	4145.30	Soil	16-Dec-98 16:15	12/16/98
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M-8 27 6-12"	4145.32	Soil	16-Dec-98 16:30	12/16/98
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Field Dup. 6-12"	4145.36	Soil	16-Dec-98	12/16/98
Field Dup. 24"	4145.37	Soil	16-Dec-98	12/16/98
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M-8 30 6-12"	4194.04	Soil	19-Jan-99 10:20	01/19/99
M-8 30 24"	4194.05	Soil	19-Jan-99 10:20	01/19/99
M-8 31 6-12"	4194.06	Soil	19-Jan-99 10:42	01/19/99
M-8 31 24"	4194.07	Soil	19-Jan-99 10:42	01/19/99
M-8 32 6-12"	4194.08	Soil	19-Jan-99 11:00	01/19/99
M-8 32 24"	4194.09	Soil	19-Jan-99 11:00	01/19/99
M-8 33 6-12"	4194.10	Soil	19-Jan-99 11:23	01/19/99
M-8 33 24"	4194.11	Soil	19-Jan-99 11:23	01/19/99
M-8 34 6-12"	4194.12	Soil	19-Jan-99 11:45	01/19/99
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M-8 35 6-12"	4194.14	Soil	19-Jan-99 13:15	01/19/99
M-8 35 24"	4194.15	Soil	19-Jan-99 13:15	01/19/99
M-8 36 6-12"	4194.16	Soil	19-Jan-99 13:35	01/19/99
M-8 36 24"	4194.17	Soil	19-Jan-99 13:35	01/19/99
M-8 37 6-12"	4194.18	Soil	19-Jan-99 14:00	01/19/99
M-8 37 24"	4194.19	Soil	19-Jan-99 14:00	01/19/99
M-8 38 6-12"	4194.20	Soil	19-Jan-99 14:20	01/19/99
M-8 38 24"	4194.21	Soil	19-Jan-99 14:20	01/19/99
M-8 39 6-12"	4194.22	Soil	19-Jan-99 14:33	01/19/99
M-8 39 24"	4194.23	Soil	19-Jan-99 14:33	01/19/99

SAMPLE LOCATION AND IDENTIFICATION

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M-8 2B 24"	4351.05	Soil	16-Mar-99 09:09	03/16/99
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M-8 3C 24"	4351.07	Soil	16-Mar-99 09:21	03/16/99
M-8 4D 6-12"	4351.08	Soil	16-Mar-99 09:34	03/16/99
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M-8 6F 24"	4351.13	Soil	16-Mar-99 09:51	03/16/99
M-8 7G 6-12"	4351.14	Soil	16-Mar-99 10:00	03/16/99
M-8 7G 24"	4351.15	Soil	16-Mar-99 10:00	03/16/99
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M-8 8H 24"	4351.17	Soil	16-Mar-99 11:03	03/16/99
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M-8 11K 6-12"	4351.22	Soil	16-Mar-99 13:48	03/16/99
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M-8 13M 24"	4351.27	Soil	16-Mar-99 14:12	03/16/99
Trip Blank	4354.01	Methanol	17-Mar-99	03/17/99
M-8 14N 6-12"	4354.02	Soil	17-Mar-99 08:25	03/17/99
M-8 14N 24"	4354.03	Soil	17-Mar-99 08:25	03/17/99
M-8 15O 6-12"	4354.04	Soil	17-Mar-99 08:31	03/17/99
M-8 15O 24"	4354.05	Soil	17-Mar-99 08:31	03/17/99
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M-8 18R 6-12"	4354.10	Soil	17-Mar-99 09:30	03/17/99
M-8 18R 24"	4354.11	Soil	17-Mar-99 09:30	03/17/99
M-8 19S 6-12"	4354.12	Soil	17-Mar-99 10:10	03/17/99
M-8 19S 24"	4354.13	Soil	17-Mar-99 10:10	03/17/99
M-8 20T 6-12"	4354.14	Soil	17-Mar-99 10:35	03/17/99
M-8 20T 24"	4354.15	Soil	17-Mar-99 10:35	03/17/99
M-8 21U 6-12"	4354.16	Soil	17-Mar-99 10:18	03/17/99
M-8 21U 24"	4354.17	Soil	17-Mar-99 10:18	03/17/99
M-8 22V 6-12"	4354.18	Soil	17-Mar-99 12:00	03/17/99
M-8 22V 24"	4354.19	Soil	17-Mar-99 12:00	03/17/99
M-8 23W 6-12"	4354.20	Soil	17-Mar-99 11:36	03/17/99
M-8 23W 24"	4354.21	Soil	17-Mar-99 11:36	03/17/99
M-8 24X 6-12"	4354.22	Soil	17-Mar-99 13:37	03/17/99

SAMPLE LOCATION AND IDENTIFICATION

M-8 24X 24"	4354.23	Soil	17-Mar-99 13:37	03/17/99
M-8 25Y 6-12"	4354.24	Soil	17-Mar-99 13:41	03/17/99
M-8 25Y 24"	4354.25	Soil	17-Mar-99 13:41	03/17/99
M-8 26Z 6-12"	4354.26	Soil	17-Mar-99 13:59	03/17/99
M-8 26Z 24"	4354.27	Soil	17-Mar-99 13:59	03/17/99
M-8 27AA 6-12"	4354.28	Soil	17-Mar-99 14:11	03/17/99
M-8 27AA 24"	4354.29	Soil	17-Mar-99 14:11	03/17/99
Trip Blank	4357.01	Methanol	18-Mar-99	03/18/99
M-8 28BB 6-12"	4357.02	Soil	18-Mar-99 09:10	03/18/99
M-8 28BB 24"	4357.03	Soil	18-Mar-99 09:10	03/18/99
M-8 29CC 6-12"	4357.04	Soil	18-Mar-99 09:24	03/18/99
M-8 29CC 24"	4357.05	Soil	18-Mar-99 09:24	03/18/99
M-8 30DD 6-12"	4357.06	Soil	18-Mar-99 09:46	03/18/99
M-8 30DD 24"	4357.07	Soil	18-Mar-99 09:46	03/18/99
M-8 31EE 6-12"	4357.08	Soil	18-Mar-99 10:01	03/18/99
M-8 31EE 24"	4357.09	Soil	18-Mar-99 10:01	03/18/99
M-8 32FF 6-12"	4357.10	Soil	18-Mar-99 10:06	03/18/99
M-8 32FF 24"	4357.11	Soil	18-Mar-99 10:06	03/18/99
M-8 33GG 6-12"	4357.12	Soil	18-Mar-99 10:32	03/18/99
M-8 33GG 24"	4357.13	Soil	18-Mar-99 10:32	03/18/99
M-8 34HH 6-12"	4357.14	Soil	18-Mar-99 10:47	03/18/99
M-8 34HH 24"	4357.15	Soil	18-Mar-99 10:47	03/18/99
M-8 35II 6-12"	4357.16	Soil	18-Mar-99 11:04	03/18/99
M-8 35II 24"	4357.17	Soil	18-Mar-99 11:04	03/18/99
M-8 36JJ 6-12"	4357.18	Soil	18-Mar-99 11:26	03/18/99
M-8 36JJ 24"	4357.19	Soil	18-Mar-99 11:26	03/18/99
M-8 37KK 6-12"	4357.20	Soil	18-Mar-99 11:31	03/18/99
M-8 37KK 24"	4357.21	Soil	18-Mar-99 11:31	03/18/99
M-8 38LL 6-12"	4357.22	Soil	18-Mar-99 13:44	03/18/99
M-8 38LL 24"	4357.23	Soil	18-Mar-99 13:44	03/18/99
M-8 39MM 6-12"	4357.24	Soil	18-Mar-99 13:39	03/18/99
M-8 39MM 24"	4357.25	Soil	18-Mar-99 13:39	03/18/99
M-8 40NN 6-12"	4357.26	Soil	18-Mar-99 13:47	03/18/99
M-8 40NN 24"	4357.27	Soil	18-Mar-99 13:47	03/18/99
M-8 41OO 6-12"	4357.28	Soil	18-Mar-99 13:57	03/18/99
M-8 41OO 24"	4357.29	Soil	18-Mar-99 13:57	03/18/99
M-8 42PP 6-12"	4357.30	Soil	18-Mar-99 14:10	03/18/99
M-8 42PP 24"	4357.31	Soil	18-Mar-99 14:10	03/18/99
Trip Blank	4372.01	Methanol	26-Mar-99	03/26/99
M-8 43 6-12"	4372.02	Soil	26-Mar-99 13:37	03/26/99
M-8 43 24"	4372.03	Soil	26-Mar-99 13:42	03/26/99
M-8 44 6-12"	4372.04	Soil	26-Mar-99 13:48	03/26/99
M-8 44 24"	4372.05	Soil	26-Mar-99 13:55	03/26/99
M-8 45 6-12"	4372.06	Soil	26-Mar-99 14:13	03/26/99
M-8 45 24"	4372.07	Soil	26-Mar-99 14:19	03/26/99
M-8 46 6-12"	4372.08	Soil	26-Mar-99 14:25	03/26/99
M-8 46 24"	4372.09	Soil	26-Mar-99 14:28	03/26/99
M-8 47 6-12"	4372.10	Soil	26-Mar-99 14:37	03/26/99
M-8 47 24"	4372.11	Soil	26-Mar-99 14:44	03/26/99
M-8 48 6-12"	4372.12	Soil	26-Mar-99 14:56	03/26/99
M-8 48 24"	4372.13	Soil	26-Mar-99 14:58	03/26/99
Trip Blank	4376.01	Methanol	29-Mar-99	03/29/99
M-8 49 6-12"	4376.02	Soil	29-Mar-99 09:00	03/29/99

SAMPLE LOCATION AND IDENTIFICATION

M-8 49 24"	4376.03	Soil	29-Mar-99 09:00	03/29/99
M-8 50 6-12"	4376.04	Soil	29-Mar-99 09:05	03/29/99
M-8 50 24"	4376.05	Soil	29-Mar-99 09:05	03/29/99
M-8 51 6-12"	4376.06	Soil	29-Mar-99 09:30	03/29/99
M-8 51 24"	4376.07	Soil	29-Mar-99 09:30	03/29/99
M-8 52 6-12"	4376.08	Soil	29-Mar-99 09:47	03/29/99
M-8 52 24"	4376.09	Soil	29-Mar-99 09:47	03/29/99
M-8 53 6-12"	4376.10	Soil	29-Mar-99 09:53	03/29/99
M-8 53 24"	4376.11	Soil	29-Mar-99 09:53	03/29/99
M-8 54 6-12"	4376.12	Soil	29-Mar-99 10:10	03/29/99
M-8 54 24"	4376.13	Soil	29-Mar-99 10:10	03/29/99
M-8 55 6-12"	4376.14	Soil	29-Mar-99 10:21	03/29/99
M-8 55 24"	4376.15	Soil	29-Mar-99 10:21	03/29/99
M-8 56 6-12"	4376.16	Soil	29-Mar-99 10:34	03/29/99
M-8 56 24"	4376.17	Soil	29-Mar-99 10:34	03/29/99
M-8 57 6-12"	4376.18	Soil	29-Mar-99 10:37	03/29/99
M-8 57 24"	4376.19	Soil	29-Mar-99 10:37	03/29/99
M-8 58 6-12"	4376.20	Soil	29-Mar-99 10:50	03/29/99
M-8 58 24"	4376.21	Soil	29-Mar-99 10:50	03/29/99
M-8 59 6-12"	4376.22	Soil	29-Mar-99 11:15	03/29/99
M-8 59 24"	4376.23	Soil	29-Mar-99 11:15	03/29/99
M-8 60 6-12"	4376.24	Soil	29-Mar-99 11:27	03/29/99
M-8 60 24"	4376.25	Soil	29-Mar-99 11:27	03/29/99
M-8 61 6-12"	4376.26	Soil	29-Mar-99 13:01	03/29/99
M-8 61 24"	4376.27	Soil	29-Mar-99 13:10	03/29/99
M-8 62 6-12"	4376.28	Soil	29-Mar-99 13:16	03/29/99
M-8 62 24"	4376.29	Soil	29-Mar-99 13:21	03/29/99
M-8 63 6-12"	4376.30	Soil	29-Mar-99 13:27	03/29/99
M-8 63 24"	4376.31	Soil	29-Mar-99 13:37	03/29/99
M-8 64 6-12"	4376.32	Soil	29-Mar-99 13:42	03/29/99
M-8 64 24"	4376.33	Soil	29-Mar-99 13:49	03/29/99
M-8 65 6-12"	4376.34	Soil	29-Mar-99 13:57	03/29/99
M-8 65 24"	4376.35	Soil	29-Mar-99 13:59	03/29/99
M-8 66 6-12"	4376.36	Soil	29-Mar-99 14:12	03/29/99
M-8 66 24"	4376.37	Soil	29-Mar-99 14:18	03/29/99
Trip Blank	4382.01	Methanol	30-Mar-99	03/30/99
M-8 67 6-12"	4382.02	Soil	30-Mar-99 08:10	03/30/99
M-8 67 24"	4382.03	Soil	30-Mar-99 08:17	03/30/99
M-8 68 6-12"	4382.04	Soil	30-Mar-99 08:15	03/30/99
M-8 68 24"	4382.05	Soil	30-Mar-99 08:24	03/30/99
M-8 69 6-12"	4382.06	Soil	30-Mar-99 08:21	03/30/99
M-8 69 24"	4382.07	Soil	30-Mar-99 08:29	03/30/99
M-8 70 6-12"	4382.08	Soil	30-Mar-99 08:28	03/30/99
M-8 70 24"	4382.09	Soil	30-Mar-99 08:34	03/30/99
M-8 71 6-12"	4382.10	Soil	30-Mar-99 08:37	03/30/99
M-8 71 24"	4382.11	Soil	30-Mar-99 08:44	03/30/99
M-8 72 6-12"	4382.12	Soil	30-Mar-99 08:47	03/30/99
M-8 72 24"	4382.13	Soil	30-Mar-99 08:52	03/30/99
M-8 73 6-12"	4382.14	Soil	30-Mar-99 09:04	03/30/99
M-8 73 24"	4382.15	Soil	30-Mar-99 09:13	03/30/99
M-8 74 6-12"	4382.16	Soil	30-Mar-99 09:17	03/30/99
M-8 74 24"	4382.17	Soil	30-Mar-99 09:21	03/30/99
M-8 75 6-12"	4382.18	Soil	30-Mar-99 09:24	03/30/99

SAMPLE LOCATION AND IDENTIFICATION

M-8 75 24"	4382.19	Soil	30-Mar-99 09:29	03/30/99
M-8 76 6-12"	4382.20	Soil	30-Mar-99 09:33	03/30/99
M-8 76 24"	4382.21	Soil	30-Mar-99 09:40	03/30/99
M-8 77 6-12"	4382.22	Soil	30-Mar-99 10:30	03/30/99
M-8 77 24"	4382.23	Soil	30-Mar-99 10:37	03/30/99
M-8 78 6-12"	4382.24	Soil	30-Mar-99 10:41	03/30/99
M-8 78 24"	4382.25	Soil	30-Mar-99 10:47	03/30/99
Field Dup. 6-12"	4382.26	Soil	30-Mar-99	03/30/99
Field Dup. 24"	4382.27	Soil	30-Mar-99	03/30/99
M-8 79 6-12"	4382.28	Soil	30-Mar-99 10:51	03/30/99
M-8 79 24"	4382.29	Soil	30-Mar-99 10:59	03/30/99
M-8 80 6-12"	4382.30	Soil	30-Mar-99 11:09	03/30/99
M-8 80 24"	4382.31	Soil	30-Mar-99 11:17	03/30/99
M-8 81 6-12"	4382.32	Soil	30-Mar-99 11:22	03/30/99
M-8 81 24"	4382.33	Soil	30-Mar-99 11:30	03/30/99
M-8 82 6-12"	4382.34	Soil	30-Mar-99 11:37	03/30/99
M-8 82 24"	4382.35	Soil	30-Mar-99 11:41	03/30/99
Field Dup. 6-12"	4382.36	Soil	30-Mar-99	03/30/99
Field Dup. 24"	4382.37	Soil	30-Mar-99	03/30/99
M-8 83 6-12"	4382.38	Soil	30-Mar-99 13:10	03/30/99
M-8 83 24"	4382.39	Soil	30-Mar-99 13:17	03/30/99
M-8 84 6-12"	4382.40	Soil	30-Mar-99 13:19	03/30/99
M-8 84 24"	4382.41	Soil	30-Mar-99 13:24	03/30/99
M-8 85 6-12"	4382.42	Soil	30-Mar-99 13:27	03/30/99
M-8 85 24"	4382.43	Soil	30-Mar-99 13:35	03/30/99
M-8 86 6-12"	4382.44	Soil	30-Mar-99 13:41	03/30/99
M-8 86 24"	4382.45	Soil	30-Mar-99 13:47	03/30/99
M-8 87 6-12"	4382.46	Soil	30-Mar-99 13:54	03/30/99
M-8 87 24"	4382.47	Soil	30-Mar-99 13:57	03/30/99
M-8 88 6-12"	4382.48	Soil	30-Mar-99 14:02	03/30/99
M-8 88 24"	4382.49	Soil	30-Mar-99 14:15	03/30/99
Trip Blank	4389.01	Methanol	01-Apr-99	04/01/99
M-8 89 6-12"	4389.02	Soil	01-Apr-99 09:05	04/01/99
M-8 89 24"	4389.03	Soil	01-Apr-99 09:10	04/01/99
M-8 90 6-12"	4389.04	Soil	01-Apr-99 09:09	04/01/99
M-8 90 24"	4389.05	Soil	01-Apr-99 09:17	04/01/99
M-8 91 6-12"	4389.06	Soil	01-Apr-99 09:18	04/01/99
M-8 91 24"	4389.07	Soil	01-Apr-99 09:24	04/01/99
M-8 92 6-12"	4389.08	Soil	01-Apr-99 09:23	04/01/99
M-8 92 24"	4389.09	Soil	01-Apr-99 09:29	04/01/99
M-8 93 6-12"	4389.10	Soil	01-Apr-99 09:31	04/01/99
M-8 93 24"	4389.11	Soil	01-Apr-99 09:38	04/01/99
M-8 94 6-12"	4389.12	Soil	01-Apr-99 09:42	04/01/99
M-8 94 24"	4389.13	Soil	01-Apr-99 09:49	04/01/99
M-8 95 6-12"	4389.14	Soil	01-Apr-99 09:52	04/01/99
M-8 95 24"	4389.15	Soil	01-Apr-99 09:58	04/01/99
M-8 96 6-12"	4389.16	Soil	01-Apr-99 10:03	04/01/99
M-8 96 24"	4389.17	Soil	01-Apr-99 10:12	04/01/99
M-8 97 6-12"	4389.18	Soil	01-Apr-99 10:47	04/01/99
M-8 97 24"	4389.19	Soil	01-Apr-99 10:53	04/01/99
M-8 98 6-12"	4389.20	Soil	01-Apr-99 10:54	04/01/99
M-8 98 24"	4389.21	Soil	01-Apr-99 10:59	04/01/99
M-8 99 6-12"	4389.22	Soil	01-Apr-99 11:04	04/01/99

SAMPLE LOCATION AND IDENTIFICATION

M-8 99 24"	4389.23	Soil	01-Apr-99 11:08	04/01/99
M-8 100 6-12"	4389.24	Soil	01-Apr-99 11:13	04/01/99
M-8 100 24"	4389.25	Soil	01-Apr-99 11:20	04/01/99
M-8 101 6-12"	4389.26	Soil	01-Apr-99 11:24	04/01/99
M-8 101 24"	4389.27	Soil	01-Apr-99 11:31	04/01/99
M-8 102 6-12"	4389.28	Soil	01-Apr-99 11:39	04/01/99
M-8 102 24"	4389.29	Soil	01-Apr-99 11:45	04/01/99
M-8 103 6-12"	4389.30	Soil	01-Apr-99 11:47	04/01/99
M-8 103 24"	4389.31	Soil	01-Apr-99 11:54	04/01/99
Trip Blank	4394.01	Methanol	05-Apr-99	04/05/99
M-8 104 6-12"	4394.02	Soil	05-Apr-99 09:00	04/05/99
M-8 104 24"	4394.03	Soil	05-Apr-99 09:10	04/05/99
M-8 105 6-12"	4394.04	Soil	05-Apr-99 09:08	04/05/99
M-8 105 24"	4394.05	Soil	05-Apr-99 09:17	04/05/99
M-8 106 6-12"	4394.06	Soil	05-Apr-99 09:14	04/05/99
M-8 106 24"	4394.07	Soil	05-Apr-99 09:21	04/05/99
M-8 107 6-12"	4394.08	Soil	05-Apr-99 09:23	04/05/99
M-8 107 24"	4394.09	Soil	05-Apr-99 09:27	04/05/99
M-8 108 6-12"	4394.10	Soil	05-Apr-99 09:30	04/05/99
M-8 108 24"	4394.11	Soil	05-Apr-99 09:36	04/05/99
M-8 109 6-12"	4394.12	Soil	05-Apr-99 09:35	04/05/99
M-8 109 24"	4394.13	Soil	05-Apr-99 09:41	04/05/99
M-8 110 6-12"	4394.14	Soil	05-Apr-99 09:49	04/05/99
M-8 110 24"	4394.15	Soil	05-Apr-99 09:54	04/05/99
M-8 111 6-12"	4394.16	Soil	05-Apr-99 09:57	04/05/99
M-8 111 24"	4394.17	Soil	05-Apr-99 10:03	04/05/99
M-8 112 6-12"	4394.18	Soil	05-Apr-99 10:15	04/05/99
M-8 112 24"	4394.19	Soil	05-Apr-99 10:18	04/05/99
M-8 113 6-12"	4394.20	Soil	05-Apr-99 10:22	04/05/99
M-8 113 24"	4394.21	Soil	05-Apr-99 10:27	04/05/99
M-8 114 6-12"	4394.22	Soil	05-Apr-99 10:33	04/05/99
M-8 114 24"	4394.23	Soil	05-Apr-99 10:39	04/05/99
Field Dup. 6-12"	4394.24	Soil	05-Apr-99	04/05/99
Field Dup. 24"	4394.25	Soil	05-Apr-99	04/05/99
M-8 115 6-12"	4394.26	Soil	05-Apr-99 13:00	04/05/99
M-8 115 24"	4394.27	Soil	05-Apr-99 13:07	04/05/99
M-8 116 6-12"	4394.28	Soil	05-Apr-99 13:10	04/05/99
M-8 116 24"	4394.29	Soil	05-Apr-99 13:17	04/05/99
M-8 117 6-12"	4394.30	Soil	05-Apr-99 13:19	04/05/99
M-8 117 24"	4394.31	Soil	05-Apr-99 13:24	04/05/99
M-8 118 6-12"	4394.32	Soil	05-Apr-99 13:27	04/05/99
M-8 118 24"	4394.33	Soil	05-Apr-99 13:31	04/05/99
M-8 119 6-12"	4394.34	Soil	05-Apr-99 13:37	04/05/99
M-8 119 24"	4394.35	Soil	05-Apr-99 13:42	04/05/99
M-8 120 6-12"	4394.36	Soil	05-Apr-99 13:45	04/05/99
M-8 120 24"	4394.37	Soil	05-Apr-99 13:49	04/05/99
M-8 121 6-12"	4394.38	Soil	05-Apr-99 13:53	04/05/99
M-8 121 24"	4394.39	Soil	05-Apr-99 13:59	04/05/99
M-8 122 6-12"	4394.40	Soil	05-Apr-99 14:03	04/05/99
M-8 122 24"	4394.41	Soil	05-Apr-99 14:10	04/05/99
M-8 123 6-12"	4394.42	Soil	05-Apr-99 14:15	04/05/99
M-8 123 24"	4394.43	Soil	05-Apr-99 14:19	04/05/99
M-8 124 6-12"	4394.44	Soil	05-Apr-99 14:21	04/05/99

SAMPLE LOCATION AND IDENTIFICATION

M-8 124 24"	4394.45	Soil	05-Apr-99 14:27	04/05/99
Field Dup. II 6-12"	4394.46	Soil	05-Apr-99	04/05/99
Field Dup. II 24"	4394.47	Soil	05-Apr-99	04/05/99
Trip Blank	4401.01	Methanol	08-Apr-99	04/08/99
M-8 125 6-12"	4401.02	Soil	08-Apr-99 08:10	04/08/99
M-8 125 24"	4401.03	Soil	08-Apr-99 08:18	04/08/99
M-8 126 6-12"	4401.04	Soil	08-Apr-99 08:21	04/08/99
M-8 126 24"	4401.05	Soil	08-Apr-99 08:23	04/08/99
M-8 127 6-12"	4401.06	Soil	08-Apr-99 08:27	04/08/99
M-8 127 24"	4401.07	Soil	08-Apr-99 08:35	04/08/99
M-8 128 6-12"	4401.08	Soil	08-Apr-99 08:41	04/08/99
M-8 128 24"	4401.09	Soil	08-Apr-99 08:44	04/08/99
M-8 129 6-12"	4401.10	Soil	08-Apr-99 08:55	04/08/99
M-8 129 24"	4401.11	Soil	08-Apr-99 08:59	04/08/99
M-8 130 6-12"	4401.12	Soil	08-Apr-99 09:07	04/08/99
M-8 130 24"	4401.13	Soil	08-Apr-99 09:10	04/08/99
M-8 131 6-12"	4401.14	Soil	08-Apr-99 09:17	04/08/99
M-8 131 24"	4401.15	Soil	08-Apr-99 09:24	04/08/99
M-8 132 6-12"	4401.16	Soil	08-Apr-99 09:31	04/08/99
M-8 132 24"	4401.17	Soil	08-Apr-99 09:37	04/08/99
M-8 133 6-12"	4401.18	Soil	08-Apr-99 09:41	04/08/99
M-8 133 24"	4401.19	Soil	08-Apr-99 09:48	04/08/99
M-8 134 6-12"	4401.20	Soil	08-Apr-99 09:57	04/08/99
M-8 134 24"	4401.21	Soil	08-Apr-99 10:03	04/08/99
M-8 135 6-12"	4401.22	Soil	08-Apr-99 10:11	04/08/99
M-8 135 24"	4401.23	Soil	08-Apr-99 10:17	04/08/99
M-8 136 6-12"	4401.24	Soil	08-Apr-99 10:24	04/08/99
M-8 136 24"	4401.25	Soil	08-Apr-99 10:30	04/08/99
M-8 137 6-12"	4401.26	Soil	08-Apr-99 10:39	04/08/99
M-8 137 24"	4401.27	Soil	08-Apr-99 10:43	04/08/99
M-8 138 6-12"	4401.28	Soil	08-Apr-99 10:50	04/08/99
M-8 138 24"	4401.29	Soil	08-Apr-99 10:56	04/08/99
M-8 139 6-12"	4401.30	Soil	08-Apr-99 10:59	04/08/99
M-8 139 24"	4401.31	Soil	08-Apr-99 11:09	04/08/99
M-8 140 6-12"	4401.32	Soil	08-Apr-99 11:17	04/08/99
M-8 140 24"	4401.33	Soil	08-Apr-99 11:27	04/08/99
M-8 141 6-12"	4401.34	Soil	08-Apr-99 11:34	04/08/99
M-8 141 24"	4401.35	Soil	08-Apr-99 11:40	04/08/99
M-8 142 6-12"	4401.36	Soil	08-Apr-99 11:42	04/08/99
M-8 142 24"	4401.37	Soil	08-Apr-99 11:45	04/08/99
Field Dup. 6-12"	4401.38	Soil	08-Apr-99	04/08/99
Field Dup. 24"	4401.39	Soil	08-Apr-99	04/08/99
Field Dup. II 6-12"	4401.40	Soil	08-Apr-99	04/08/99
Field Dup. II 24"	4401.41	Soil	08-Apr-99	04/08/99
M-8 143 6-12"	4401.42	Soil	08-Apr-99 11:50	04/08/99
M-8 143 24"	4401.43	Soil	08-Apr-99 11:53	04/08/99
M-8 144 6-12"	4401.44	Soil	08-Apr-99 11:51	04/08/99
M-8 144 24"	4401.45	Soil	08-Apr-99 11:56	04/08/99
M-8 145 6-12"	4401.46	Soil	08-Apr-99 11:58	04/08/99
M-8 145 24"	4401.47	Soil	08-Apr-99 12:00	04/08/99
Trip Blank	4405.01	Methanol	09-Apr-99	04/09/99
M-8 146 6-12"	4405.02	Soil	09-Apr-99 09:47	04/09/99
M-8 146 24"	4405.03	Soil	09-Apr-99 09:53	04/09/99

SAMPLE LOCATION AND IDENTIFICATION

M-8 147 6-12"	4405.04	Soil	09-Apr-99 10:00	04/09/99
M-8 147 24"	4405.05	Soil	09-Apr-99 10:07	04/09/99
M-8 148 6-12"	4405.06	Soil	09-Apr-99 10:11	04/09/99
M-8 148 24"	4405.07	Soil	09-Apr-99 10:17	04/09/99
M-8 149 6-12"	4405.08	Soil	09-Apr-99 10:21	04/09/99
M-8 149 24"	4405.09	Soil	09-Apr-99 10:26	04/09/99
M-8 150 6-12"	4405.10	Soil	09-Apr-99 10:30	04/09/99
M-8 150 24"	4405.11	Soil	09-Apr-99 10:34	04/09/99
M-8 151 6-12"	4405.12	Soil	09-Apr-99 10:42	04/09/99
M-8 151 24"	4405.13	Soil	09-Apr-99 10:47	04/09/99
M-8 152 6-12"	4405.14	Soil	09-Apr-99 10:54	04/09/99
M-8 152 24"	4405.15	Soil	09-Apr-99 10:57	04/09/99
M-8 153 6-12"	4405.16	Soil	09-Apr-99 11:07	04/09/99
M-8 153 24"	4405.17	Soil	09-Apr-99 11:10	04/09/99
M-8 154 6-12"	4405.18	Soil	09-Apr-99 11:15	04/09/99
M-8 154 24"	4405.19	Soil	09-Apr-99 11:21	04/09/99
M-8 155 6-12"	4405.20	Soil	09-Apr-99 11:27	04/09/99
M-8 155 24"	4405.21	Soil	09-Apr-99 11:34	04/09/99
M-8 156 6-12"	4405.22	Soil	09-Apr-99 11:37	04/09/99
M-8 156 24"	4405.23	Soil	09-Apr-99 11:42	04/09/99
M-8 157 6-12"	4405.24	Soil	09-Apr-99 11:45	04/09/99
M-8 157 24"	4405.25	Soil	09-Apr-99 11:50	04/09/99
Field Dup. 6-12"	4405.26	Soil	09-Apr-99	04/09/99
Field Dup. 24"	4405.27	Soil	09-Apr-99	04/09/99
Trip Blank	4413.01	Methanol	13-Apr-99	04/13/99
M-8 158 6-12"	4413.02	Soil	13-Apr-99 08:43	04/13/99
M-8 158 24"	4413.03	Soil	13-Apr-99 08:43	04/13/99
M-8 159 6-12"	4413.04	Soil	13-Apr-99 08:57	04/13/99
M-8 159 24"	4413.05	Soil	13-Apr-99 08:57	04/13/99
M-8 160 6-12"	4413.06	Soil	13-Apr-99 09:23	04/13/99
M-8 160 24"	4413.07	Soil	13-Apr-99 09:23	04/13/99
M-8 161 6-12"	4413.08	Soil	13-Apr-99 09:37	04/13/99
M-8 161 24"	4413.09	Soil	13-Apr-99 09:37	04/13/99
M-8 162 6-12"	4413.10	Soil	13-Apr-99 09:55	04/13/99
M-8 162 24"	4413.11	Soil	13-Apr-99 09:55	04/13/99
M-8 163 6-12"	4413.12	Soil	13-Apr-99 10:05	04/13/99
M-8 163 24"	4413.13	Soil	13-Apr-99 10:05	04/13/99
M-8 164 6-12"	4413.14	Soil	13-Apr-99 10:23	04/13/99
M-8 164 24"	4413.15	Soil	13-Apr-99 10:23	04/13/99
M-8 165 6-12"	4413.16	Soil	13-Apr-99 10:30	04/13/99
M-8 165 24"	4413.17	Soil	13-Apr-99 10:30	04/13/99
M-8 166 6-12"	4413.18	Soil	13-Apr-99 11:00	04/13/99
M-8 166 24"	4413.19	Soil	13-Apr-99 11:00	04/13/99
M-8 167 6-12"	4413.20	Soil	13-Apr-99 11:21	04/13/99
M-8 167 24"	4413.21	Soil	13-Apr-99 11:21	04/13/99
M-8 168 6-12"	4413.22	Soil	13-Apr-99 11:37	04/13/99
M-8 168 24"	4413.23	Soil	13-Apr-99 11:37	04/13/99
M-8 169 6-12"	4413.24	Soil	13-Apr-99 13:21	04/13/99
M-8 169 24"	4413.25	Soil	13-Apr-99 13:21	04/13/99
M-8 170 6-12"	4413.26	Soil	13-Apr-99 13:27	04/13/99
M-8 170 24"	4413.27	Soil	13-Apr-99 13:27	04/13/99
Field Dup. 6-12"	4413.28	Soil	13-Apr-99	04/13/99
Field Dup. 24"	4413.29	Soil	13-Apr-99	04/13/99

SAMPLE LOCATION AND IDENTIFICATION

Trip Blank	4469.01	Methanol	07-May-99	05/07/99
M-8 171 6-12"	4469.02	Soil	07-May-99 09:10	05/07/99
M-8 171 24"	4469.03	Soil	07-May-99 09:17	05/07/99
M-8 172 6-12"	4469.04	Soil	07-May-99 09:25	05/07/99
M-8 172 24"	4469.05	Soil	07-May-99 09:33	05/07/99
M-8 173 6-12"	4469.06	Soil	07-May-99 10:00	05/07/99
M-8 173 24"	4469.07	Soil	07-May-99 10:19	05/07/99
M-8 174 6-12"	4469.08	Soil	07-May-99 12:51	05/07/99
M-8 174 24"	4469.09	Soil	07-May-99 12:58	05/07/99
M-8 175 6-12"	4469.10	Soil	07-May-99 13:15	05/07/99
M-8 175 24"	4469.11	Soil	07-May-99 13:22	05/07/99
Field Dup. 6-12"	4469.12	Soil	07-May-99	05/07/99
Field Dup. 24"	4469.13	Soil	07-May-99	05/07/99
Trip Blank	4473.01	Methanol	10-May-99	05/10/99
M-8 176 6-12"	4473.02	Soil	10-May-99 13:41	05/10/99
M-8 176 24"	4473.03	Soil	10-May-99 13:47	05/10/99
M-8 177 6-12"	4473.04	Soil	10-May-99 14:00	05/10/99
M-8 177 24"	4473.05	Soil	10-May-99 14:05	05/10/99
M-8 178 6-12"	4473.06	Soil	10-May-99 14:11	05/10/99
M-8 178 24"	4473.07	Soil	10-May-99 14:17	05/10/99
M-8 179 6-12"	4473.08	Soil	10-May-99 14:23	05/10/99
M-8 179 24"	4473.09	Soil	10-May-99 14:27	05/10/99
M-8 180 6-12"	4473.10	Soil	10-May-99 14:39	05/10/99
M-8 180 24"	4473.11	Soil	10-May-99 14:46	05/10/99
Field Dup. 6-12"	4473.12	Soil	10-May-99	05/10/99
Field Dup. 24"	4473.13	Soil	10-May-99	05/10/99
M-8 181 6-12"	4473.14	Soil	10-May-99 15:07	05/10/99
M-8 181 24"	4473.15	Soil	10-May-99 15:13	05/10/99
M-8 182 6-12"	4473.16	Soil	10-May-99 15:21	05/10/99
M-8 182 24"	4473.17	Soil	10-May-99 15:27	05/10/99
M-8 183 6-12"	4473.18	Soil	10-May-99 15:35	05/10/99
M-8 183 24"	4473.19	Soil	10-May-99 15:39	05/10/99
M-8 184 6-12"	4473.20	Soil	10-May-99 15:47	05/10/99
M-8 184 24"	4473.21	Soil	10-May-99 15:53	05/10/99
Trip Blank	4474.01	Methanol	11-May-99	05/11/99
M-8 185 6-12"	4474.02	Soil	11-May-99 09:30	05/11/99
M-8 185 24"	4474.03	Soil	11-May-99 09:37	05/11/99
M-8 186 6-12"	4474.04	Soil	11-May-99 09:44	05/11/99
M-8 186 24"	4474.05	Soil	11-May-99 09:48	05/11/99
M-8 187 6-12"	4474.06	Soil	11-May-99 09:56	05/11/99
M-8 187 24"	4474.07	Soil	11-May-99 09:59	05/11/99
M-8 188 6-12"	4474.08	Soil	11-May-99 10:07	05/11/99
M-8 188 24"	4474.09	Soil	11-May-99 10:17	05/11/99
M-8 189 6-12"	4474.10	Soil	11-May-99 10:27	05/11/99
M-8 189 24"	4474.11	Soil	11-May-99 10:32	05/11/99
Field Dup.6-12"	4474.12	Soil	11-May-99	05/11/99
Field Dup.24"	4474.13	Soil	11-May-99	05/11/99
M-8 190 6-12"	4474.14	Soil	11-May-99 13:04	05/11/99
M-8 190 24"	4474.15	Soil	11-May-99 13:10	05/11/99
M-8 191 6-12"	4474.16	Soil	11-May-99 13:17	05/11/99
M-8 191 24"	4474.17	Soil	11-May-99 13:21	05/11/99
M-8 192 6-12"	4474.18	Soil	11-May-99 13:27	05/11/99
M-8 192 24"	4474.19	Soil	11-May-99 13:34	05/11/99

SAMPLE LOCATION AND IDENTIFICATION

M-8 193 6-12"	4474.20	Soil	11-May-99 13:43	05/11/99
M-8 193 24"	4474.21	Soil	11-May-99 13:49	05/11/99
M-8 194 6-12"	4474.22	Soil	11-May-99 13:58	05/11/99
M-8 194 24"	4474.23	Soil	11-May-99 14:09	05/11/99
M-8 195 6-12"	4474.24	Soil	11-May-99 14:24	05/11/99
M-8 195 24"	4474.25	Soil	11-May-99 14:30	05/11/99
Trip Blank	4481.01	Methanol	13-May-99	05/13/99
M-8 196 6-12"	4481.02	Soil	13-May-99 09:26	05/13/99
M-8 196 24"	4481.03	Soil	13-May-99 09:32	05/13/99
M-8 197 6-12"	4481.04	Soil	13-May-99 09:37	05/13/99
M-8 197 24"	4481.05	Soil	13-May-99 09:43	05/13/99
M-8 198 6-12"	4481.06	Soil	13-May-99 10:05	05/13/99
M-8 198 24"	4481.07	Soil	13-May-99 10:11	05/13/99
M-8 199 6-12"	4481.08	Soil	13-May-99 10:19	05/13/99
M-8 199 24"	4481.09	Soil	13-May-99 10:24	05/13/99
M-8 200 6-12"	4481.10	Soil	13-May-99 10:34	05/13/99
M-8 200 24"	4481.11	Soil	13-May-9910:38	05/13/99
Field Dup. 6-12"	4481.12	Soil	13-May-99	05/13/99
Field Dup. 24"	4481.13	Soil	13-May-99	05/13/99
M-8 201 6-12"	4481.14	Soil	13-May-99 13:34	05/13/99
M-8 201 24"	4481.15	Soil	13-May-99 13:39	05/13/99
M-8 202 6-12"	4481.16	Soil	13-May-99 13:45	05/13/99
M-8 202 24"	4481.17	Soil	13-May-99 13:52	05/13/99
M-8 203 6-12"	4481.18	Soil	13-May-99 14:10	05/13/99
M-8 203 24"	4481.19	Soil	13-May-99 14:17	05/13/99
M-8 204 6-12"	4481.20	Soil	13-May-99 14:21	05/13/99
M-8 204 24"	4481.21	Soil	13-May-99 14:27	05/13/99
M-8 205 6-12"	4481.22	Soil	13-May-99 14:33	05/13/99
M-8 205 24"	4481.23	Soil	13-May-99 14:39	05/13/99
M-8 206 6-12"	4481.24	Soil	13-May-99 14:45	05/13/99
M-8 206 24"	4481.25	Soil	13-May-99 14:49	05/13/99
M-8 207 6-12"	4481.26	Soil	13-May-99 14:57	05/13/99
M-8 207 24"	4481.27	Soil	13-May-99 15:09	05/13/99
Trip Blank	4484.01	Methanol	14-May-99	05/14/99
M-8 208 6-12"	4484.02	Soil	14-May-99 09:41	05/14/99
M-8 208 24"	4484.03	Soil	14-May-99 09:47	05/14/99
M-8 209 6-12"	4484.04	Soil	14-May-99 09:52	05/14/99
M-8 209 24"	4484.05	Soil	14-May-99 09:58	05/14/99
M-8 210 6-12"	4484.06	Soil	14-May-99 10:04	05/14/99
M-8 210 24"	4484.07	Soil	14-May-99 10:11	05/14/99
M-8 211 6-12"	4484.08	Soil	14-May-99 10:17	05/14/99
M-8 211 24"	4484.09	Soil	14-May-99 10:23	05/14/99
M-8 212 6-12"	4484.10	Soil	14-May-99 10:30	05/14/99
M-8 212 24"	4484.11	Soil	14-May-99 10:39	05/14/99
Field Dup. 6-12"	4484.12	Soil	14-May-99	05/14/99
Field Dup.24"	4484.13	Soil	14-May-99	05/14/99
Trip Blank	4490.01	Methanol	17-May-99	05/17/99
M-8 213 6-12"	4490.02	Soil	17-May-99 10:30	05/17/99
M-8 213 24"	4490.03	Soil	17-May-99 10:34	05/17/99
M-8 214 6-12"	4490.04	Soil	17-May-99 10:37	05/17/99
M-8 214 24"	4490.05	Soil	17-May-99 10:42	05/17/99
M-8 215 6-12"	4490.06	Soil	17-May-99 10:47	05/17/99
M-8 215 24"	4490.07	Soil	17-May-99 10:53	05/17/99

SAMPLE LOCATION AND IDENTIFICATION

M-8 216 6-12"	4490.08	Soil	17-May-99 10:59	05/17/99
M-8 216 24"	4490.09	Soil	17-May-99 11:02	05/17/99
M-8 217 6-12"	4490.10	Soil	17-May-99 11:13	05/17/99
M-8 217 24"	4490.11	Soil	17-May-99 11:17	05/17/99
Field Dup. 6-12"	4490.12	Soil	17-May-99	05/17/99
Field Dup. 24"	4490.13	Soil	17-May-99	05/17/99
M-8 218 6-12"	4490.14	Soil	17-May-99 13:07	05/17/99
M-8 218 24"	4490.15	Soil	17-May-9913:10	05/17/99
M-8 219 6-12"	4490.16	Soil	17-May-99 13:19	05/17/99
M-8 219 24"	4490.17	Soil	17-May-99 13:24	05/17/99
M-8 220 6-12"	4490.18	Soil	17-May-99 13:31	05/17/99
M-8 220 24"	4490.19	Soil	17-May-99 13:36	05/17/99
M-8 221 6-12"	4490.20	Soil	17-May-99 13:43	05/17/99
M-8 221 24"	4490.21	Soil	17-May-99 13:47	05/17/99
M-8 222 6-12"	4490.22	Soil	17-May-99 13:54	05/17/99
M-8 222 24"	4490.23	Soil	17-May-99 13:59	05/17/99
M-8 223 6-12"	4490.24	Soil	17-May-99 14:03	05/17/99
M-8 223 24"	4490.25	Soil	17-May-99 14:11	05/17/99
M-8 224 6-12"	4490.26	Soil	17-May-99 14:17	05/17/99
M-8 224 24"	4490.27	Soil	17-May-99 14:22	05/17/99
Trip Blank	4533.01	Methanol	03-Jun-99	06/03/99
M-8 225 6-12"	4533.02	Soil	03-Jun-99 09:20	06/03/99
M-8 225 24"	4533.03	Soil	03-Jun-99 09:24	06/03/99
M-8 226 6-12"	4533.04	Soil	03-Jun-99 09:31	06/03/99
M-8 226 24"	4533.05	Soil	03-Jun-99 09:35	06/03/99
M-8 227 6-12"	4533.06	Soil	03-Jun-99 09:34	06/03/99
M-8 227 24"	4533.07	Soil	03-Jun-99 09:37	06/03/99
M-8 228 6-12"	4533.08	Soil	03-Jun-99 09:46	06/03/99
M-8 228 24"	4533.09	Soil	03-Jun-99 09:48	06/03/99
M-8 229 6-12"	4533.10	Soil	03-Jun-99 09:54	06/03/99
M-8 229 24"	4533.11	Soil	03-Jun-99 09:59	06/03/99
Field Dup. 6-12"	4533.12	Soil	03-Jun-99	06/03/99
Field Dup. 24"	4533.13	Soil	03-Jun-99	06/03/99
M-8 230 6-12"	4533.14	Soil	03-Jun-99 10:09	06/03/99
M-8 230 24"	4533.15	Soil	03-Jun-99 10:13	06/03/99
M-8 231 6-12"	4533.16	Soil	03-Jun-99 10:19	06/03/99
M-8 231 24"	4533.17	Soil	03-Jun-99 10:24	06/03/99
M-8 232 6-12"	4533.18	Soil	03-Jun-99 10:29	06/03/99
M-8 232 24"	4533.19	Soil	03-Jun-99 10:35	06/03/99
M-8 233 6-12"	4533.20	Soil	03-Jun-99 10:37	06/03/99
M-8 233 24"	4533.21	Soil	03-Jun-99 10:41	06/03/99
M-8 234 6-12"	4533.22	Soil	03-Jun-99 10:46	06/03/99
M-8 234 24"	4533.23	Soil	03-Jun-99 10:50	06/03/99
M-8 235 6-12"	4533.24	Soil	03-Jun-99 10:53	06/03/99
M-8 235 24"	4533.25	Soil	03-Jun-99 10:57	06/03/99
M-8 236 6-12"	4533.26	Soil	03-Jun-99 11:09	06/03/99
M-8 236 24"	4533.27	Soil	03-Jun-99 11:14	06/03/99
M-8 237 6-12"	4533.28	Soil	03-Jun-99 11:17	06/03/99
M-8 237 24"	4533.29	Soil	03-Jun-99 11:24	06/03/99
M-8 238 6-12"	4533.30	Soil	03-Jun-99 11:31	06/03/99
M-8 238 24"	4533.31	Soil	03-Jun-99 11:39	06/03/99
M-8 239 6-12"	4533.32	Soil	03-Jun-99 11:42	06/03/99
M-8 239 24"	4533.33	Soil	03-Jun-99 11:49	06/03/99

SAMPLE LOCATION AND IDENTIFICATION

M-8 240 6-12"	4533.34	Soil	03-Jun-99 13:25	06/03/99
M-8 240 24"	4533.35	Soil	03-Jun-99 13:31	06/03/99
M-8 241 6-12"	4533.36	Soil	03-Jun-99 13:41	06/03/99
M-8 241 24"	4533.37	Soil	03-Jun-99 13:49	06/03/99
M-8 242 6-12"	4533.38	Soil	03-Jun-99 13:55	06/03/99
M-8 242 24"	4533.39	Soil	03-Jun-99 14:00	06/03/99
M-8 243 6-12"	4533.40	Soil	03-Jun-99 14:10	06/03/99
M-8 243 24"	4533.41	Soil	03-Jun-99 14:15	06/03/99
M-8 244 6-12"	4533.42	Soil	03-Jun-99 14:21	06/03/99
M-8 244 24"	4533.43	Soil	03-Jun-99 14:27	06/03/99
M-8 245 6-12"	4533.44	Soil	03-Jun-99 14:29	06/03/99
M-8 245 24"	4533.45	Soil	03-Jun-99 14:32	06/03/99
M-8 246 6-12"	4533.46	Soil	03-Jun-99 14:35	06/03/99
M-8 246 24"	4533.47	Soil	03-Jun-99 14:40	06/03/99
M-8 247 6-12"	4533.48	Soil	03-Jun-99 14:37	06/03/99
M-8 247 24"	4533.49	Soil	03-Jun-99 14:43	06/03/99
M-8 248 6-12"	4533.50	Soil	03-Jun-99 14:45	06/03/99
M-8 248 24"	4533.51	Soil	03-Jun-99 14:49	06/03/99
M-8 249 6-12"	4533.52	Soil	03-Jun-99 14:50	06/03/99
M-8 249 24"	4533.53	Soil	03-Jun-99 14:55	06/03/99
M-8 250 6-12"	4533.54	Soil	03-Jun-99 15:00	06/03/99
M-8 250 24"	4533.55	Soil	03-Jun-99 15:07	06/03/99

12-14-99

Daniel Wright/Date
Laboratory Director

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SAMPLING

CHAIN OF CUSTODY

Fort Monmouth Environmental Testing Laboratory

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

Chain of Custody Record

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

Project No:
Location: M-8 Landfill

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

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	Analysis Parameters: VOA+15	Metals	PEST BN	PCB	%SOLID	VOA ID NUMBER	HNU/OVA	Comments: Remarks / Preservation Method
4045. .01	Trip Blank	11/10/98	0845	meth	1	✓					VO 0347		Methanol / <4°C
.02	M8 B1 - 6-12"		1232	Soil	2	~~2 com~~	✓	✓	✓				
.03	" -24"		1239		2	✓				✓	VO 0348	0.0	ppm
.04	M8 B2 - 6-12"		1317		2		✓	✓	✓				
.05	" -24"		1327		2	✓				✓	VO 0349	0.0	ppm
.06	M8 B3 - 6-12"		1339		2		✓	✓	✓				
.07	" -24"		1343		2	✓				✓	VO 0350	0.0	ppm
.08	M8 B4 - 6-12"		1403		2		✓	✓	✓				
.09	" -24"		1409		2	✓				✓	VO 0351	0.0	ppm
.10	M8 B5 - 6-12"		1427		2		✓	✓	✓				
.11	" -24"	↓	1432	↓	2	✓				✓	VO 0352	0.0	ppm

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormack	11/10/98 1515				
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

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

Remarks:

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NJDEP Certification #13461

Chain of Custody Record

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

Project No: 98-0211
Location: M-8 Landfill

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

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals	PESTBN	PACBN	%SOLID	VOA ID NUMBER	HnV OVA	Remarks / Preservation Method
4095. .01	Trip	11/30/98	1315	Meth	1	✓					398		
.02	M-8-B-6-6-12"		1321	Soil	2		✓	✓	✓				
.03	" " -24"		1325		2	✓				✓	399	0.0	ppm
.04	M-8-B-7-6-12"		1337		2		✓	✓	✓				
.05	" " -24"		1341		2	✓				✓	400	0.0	ppm #6 attempts to get Soil 12". No soil.
.06	M-8-B-8-6-12"		1409		2		✓	✓	✓				
.07	" " -24"		1414		2	✓				✓	401	0.0	ppm #Lot of wood/plastic
.08	M-8-B-9-6-12"		1429		2		✓	✓	✓				
.09	" " -24"		1433		2	✓				✓	402	0.0	ppm #plastics Red/white handkerchief Glass
.10	M-8-B-10-6-12"		1457		2		✓	✓	✓				
.11	" " -24"		1503		2	✓				✓	403	0.0	ppm #Styrofoam, nails, plastic bags odor
.12	M-8-B-11-6-12"		1525		2		✓	✓	✓				
.13	" " -24"		1529		2	✓				✓	404	0.0	ppm #Sudden drop of oxygen 1 1/2 ft down Space sampled Bottom depth 3 1/2 ft. cp.
~~.14~~													

Analysis Parameters

Comments: Methanol / 4°C

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Corey McCormack	11/30/98 1553				
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
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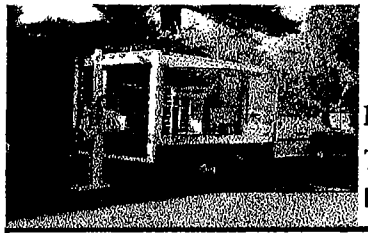

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Tel (732)532-4359 Fax (732)532-3484 EMail:appleby@doim6.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV | Project No: IJN 98-0211
Phone #: (732) 532-6223 | Location: MB-LANDFILL
(X)DERA ( )OMA ( )Other:_____
Samplers Name / Company : MARK LAURA / TVS PWS-007

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	Analysis Parameters: VOA+15	Metals	PEST PCB PAN	% SOLID	VOA ID NUMBER	OVA	Comments: Remarks / Preservation Method
4/45 1	TRIP BLANK	12-15-98		METH.	1	X				V00487	–	<4°C
2	MB-12 – 6-12"		0945	SOIL	2		X	X	X		0 PPM	
3	" – 24"		"			X			X	V00488	"	
4	MB-13 – 6-12"		1000				X	X	X		"	
5	" – 24"		"			X			X	V00489	"	
6	MB-14 – 6-12"		1025				X	X	X		"	
7	" – 24"		"			X			X	V00491	"	
8	MB-15 – 6-12"		1050				X	X	X		"	
9	" – 24"		"			X			X	V00492	"	
10	MB-16 – 6-12"		1110				X	X	X		"	
11	" – 24"		"			X			X	V00493	"	
12	MB-17 – 6-12"		1130				X	X	X		"	
13	" – 24"		"			X			X	V00494	"	
14	MB-18 – 6-12"		1150				X	X	X		"	

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Mark Laura	12-15-98 0730				
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

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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: M8-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	%SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
4145 15	M8-18 - 24"	12-16-98	1150	soil	2	X			X	V00495	0 PPM	< 4°c
16	M8-19 - 6-12"		1320				X	X	X		"	
17	" - 24"		"			X			X	V00496	"	
18	M8-20 - 6-12"		1345				X	X	X		"	
19	" - 24"		"			X			X	V00497	"	
20	M8-21 - 6-12"		1400				X	X	X		"	
21	" - 24"		"			X			X	V00498	"	
22	M8-22 - 6-12"		1435				X	X	X		"	
23	" - 24"		"			X			X	V00499	"	
1 24	M8-23 - 6-12"		1500				X	X	X		"	
25	" - 24"		"			X			X	V00500	"	
26	M8-24 - 6-12"		1530				X	X	X		"	
27	" - 24"		"			X			X	V00501	"	
28	M8-25 - 6-12"		1600			X	X	X	X		"	

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Matthew	12-16-98 0730				
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Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
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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: M8-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 AN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
4145 29	M8-25 - 24"	12-16-98	1600	SOIL	2	X			X	V00502	ppm	C4OC
30	M8-26 - 6-12"		1615				X	X	X		"	
31	" - 24"		"			X			X	V00503	"	
32	M8-27 - 6-12"		1630				X	X	X		"	
33	" - 24"		"			X			X	V00504	"	
34	M8-28 - 6-12"		1645				X	X	X		"	
35	" - 24"		"			X			X	V00505	"	
36	FIELD DUP-6-12"		X				X	X	X		"	
37	" - 24"		X			X			X	V00514	"	

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Mark Laura	12-16-98 0730	J. Vellucci			
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.

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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-8 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	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
4194.	1	TRIP BLANK	1-19-99		METH.	1	X				V00657		4°C
	2	M-8-29 6-12"		0948	SOIL	2		X	X	X		0 PPM	
	3	" 24"		"			X			X	V00652	"	
	4	M-8-30 6-12"		1020				X	X	X		"	
	5	" 24"		"			X			X	V00653	"	
	6	M-8-31 6-12"		1042				X	X	X		"	
	7	" 24"		"			X			X	V00654	"	
	8	M-8-32 6-12"		1100				X	X	X		"	
	9	" 24"		"			X			X	V00655	"	
	10	M-8-33 6-12"		1123				X	X	X		"	
	11	" 24"		"			X			X	V00656	"	
	12	M-8-34 6-12"		1145				X	X	X		"	
	13	" 24"		"			X			X	V00657	"	
	14	M-8-35 6-12"		1315				X	X	X		"	

Comments:
Cal #2 Hill O.K. (MS)

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	1-19-99 1510				
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.

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Chain of Custody Record

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

Project No: IJN 98-0211
Location: M-8 - LANDFILL

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

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals	PESTBN	%SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
4194. 15	M-8-35 24"	1-19-99	1315	Soil	2	X			X	V00658	9PM	
16	M-8-36 6-12"		1335				X	X	X		"	
17	" 24"		"			X			X	V00659	"	
18	M-8-37 6-12"		1400				X	X	X		"	
19	" 24"		"			X			X	V00660	"	
20	M-8-38 6-12"		1420				X	X	X		"	
21	" 24"		"			X			X	V00661	"	
22	M-8-39 6-12"		1433				X	X	X		"	HAND AUGER
23	" 24"		"			X			X	V00662	"	"
24	M-8-40 6-12"		1443				X	X	X		"	"
25	" 24"		"			X			X	V00663	"	"
26	M-8-41 6-12"		1457				X	X	X		"	"
27	" 24"		"			X			X	V00664	"	"

Analysis Parameters

Comments:

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
[signature]	1-19-99 1510	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
		[signature]			

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
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Remarks:

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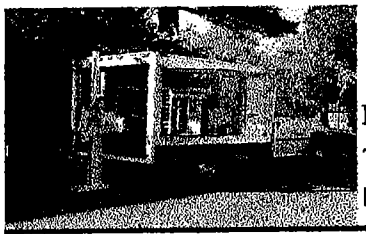

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NJDEP Certification #13461

Chain of Custody Record

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

Project No:
Location: M-8 Landfill

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

Comments: Meth / 4°C

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	Analysis Parameters: VOA+15	Metals	PEST PCB	% SOLID	VOA ID NUMBER	pH	Remarks / Preservation Method
4351, .01	Trip	3/16/99	0820	Meth	1	✓				879	—	
.02	M8 1A 6-12"		0900	Soil	2		✓	✓	✓			
.03	" 24"		0903		2	✓			✓	887	0.0	*Smpld @ 18"
.04	M8 2B 6-12"		0909		2		✓	✓	✓			
.05	" 24"		0909		2	✓			✓	880	0.0	
.06	M8 3C 6-12"		0921		2		✓	✓	✓			
.07	" 24"		0921		2	✓			✓	881	0.0	
.08	M8 4D 6-12"		0934		2		✓	✓	✓			
.09	" 24"		0934		2	✓			✓	882	0.0	
.10	M8 5E 6-12"		0946		2		✓	✓	✓			
.11	" 24"		0946		2	✓			✓	888	0.0	
.12	M8 6F 6-12"		0951		2		✓	✓	✓			
.13	" 24"		0951		2	✓			✓	889	0.0	

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Corey McCormack	3/16/99 1530				
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Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
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Chain of Custody Record

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

Project No:
Location: M-8 Landfill

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

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals	PESTBN	PACB	%SOLID	VOA ID NUMBER	OVA	Comments: Remarks / Preservation Method
4351.14	M8 7G 6-12"	3/16/99	1000	Soil	2		✓	✓		✓			Meth / 4°C
.15	" 24"		1000		2	✓				✓	890	0.0	Sampled at 16'
.16	M8 8H 6-12"		1103		2		✓	✓		✓			
.17	" 24"		1103		2	✓				✓	893	0.0	
.18	M8 9I 6-12		1319		2		✓	✓		✓			
.19	" 24"		1319		2	✓				✓	901	0.0	
.20	M8 10J 6-12		1322		2		✓	✓		✓			
.21	" 24"		1322		2	✓				✓	902	0.0	Sampled at 20"
.22	M8 11K 6-12"		1348		2		✓	✓		✓			
.23	" 24"		1348		2	✓				✓	900	0.0	
.24	M8 12L 6-12"		1401		2		✓	✓		✓			
.25	" 24"		1401		2	✓				✓	907	0.0	
.26	M8 13M 6-12"		1412		2		✓	✓		✓			
.27	" 24"		1412		2	✓				✓	899	0.0	

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Corey McCormack	3/16/99 1530				
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.

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Chain of Custody Record

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

Project No:
Location: M-8 Landfill

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

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	Analysis Parameters: VOA+15	Metals	PEST PCB AN	% SOLID	VOA ID NUMBER	Inv dVA	Comments: Remarks / Preservation Method
4354 .01	Trip	3/17	0800	SOIL	1	✓				913		
.02	M8 14N 6-12"		0825		2		✓	✓	✓			
.03	24"		0825		2	✓			✓	914	0.0	20"
.04	M8 15O 6-12"		0831		2		✓	✓	✓			
.05	24"		0831		2	✓			✓	915	0.0	
.06	M8 16P 6-12"		0837		2		✓	✓	✓			concrete 42"
.07	24"		0837		2	✓			✓	916	0.0	
.08	M8 17Q 6-12"		0910		2		✓	✓	✓			
.09	24"		0910		2	✓			✓	917	0.0	
10	M8 18R 6-12"		0930		2		✓	✓	✓			NR
11	24"		0930		2	✓			✓	918	0.0	18"
12	M8 19S 6-12"		1010		2		✓	✓	✓			
13	24"		1010		2	✓			✓	919	0.0	CONCRETE AT 8"
14	M8 20T 6-12"		1035		2		✓	✓	✓			

Meth / 4°c

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormack	3/17/99 1505				
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:

21000

CoreyCustodydera.xls3/16/99

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 | Project No: | Location: M-8 Landfill

Phone #: (732) 532-6223

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

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

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	Analysis Parameters: VOA+15	Metals	PESTBN	PCBN	%SOLID	VOA ID NUMBER	DUP VOA	Comments: Remarks / Preservation Method
4354.15	M8 20T 24"	3/17	1035	SOIL	2	✓				✓	920	0.0	Methanol / 4°C
.16	M8 21U 6-12"		1018		2		✓	✓	✓				
.17	24"		1018		2	✓				✓	921	0.0	
.18	M8 22V 6-12"		1200		2		✓	✓	✓				
.19	24"		1200		2	✓				✓	922	0.0	18" DOWN
.20	M8 23W 6-12"		1136		2		✓	✓	✓				
.21	24"		1136		2	✓				✓	923	0.0	
.22	M8 24X 6-12"		1337		2		✓	✓	✓				
.23	24"		1337		2	✓				✓	924	0.0	ATTEMPTED 6 BORINGS SHALLOW 5-6" ONLY
.24	M8 25Y 6-12"		1341		2		✓	✓	✓				"
.25	24"		1341		2	✓				✓	925	0.0	AGAIN 6 BORING ATTEMPTS OLD DRUMS NEARBY AREA STRUCK W/ AUGER UNTIL UNDERLYING DEBRIS
.26	M8 26Z 6-12"		1359		2		✓	✓	✓				
.27	24"		1359		2	✓				✓	926		
.28	M8 27AA 6-12"		1411		2		✓	✓	✓				

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Cory McCormack	3/17/99 1505				
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:

000043

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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: M-8 Landfill

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

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	Analysis Parameters: VOA+15	Metals	PEST PCB PAH	% SOLID	VOA ID NUMBER	HNU VOA	Comments: Remarks / Preservation Method
4354. .29	M8 27AA 24"	3/17/99	1411	Soil	2	✓			✓	927	0.0	Meth / <4°C

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormack	3/17/99 1505				
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:

000044

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Chain of Custody Record

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

Project No:
Location: M-8 Landfill

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

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals	PESTBN	%SOLID	VOA ID NUMBER	HNU VOA	Comments: Remarks / Preservation Method
4357 .01	Trip	3/18/99	0900	Meth	1	✓				936		Meth /4°C
.02	M8 28 BB 6-12"		0910	Soil	2		✓	✓	✓			
.03	24"		0910		2	✓			✓	928	0.0	20"
.04	M8 29 CC 6-12"		0924		2		✓	✓	✓			
.05	24"		0924		2	✓			✓	929	0.0	18"
.06	M8 30 DD 6-12"		0946		2		✓	✓	✓			
.07	24"		0946		2	✓			✓	930	0.0	
.08	M8 31 EE 6-12"		1001		2		✓	✓	✓			
.09	24"		1001		2	✓			✓	931	0.0	
.10	M8 32 FF 6-12"		1006		2		✓	✓	✓			
.11	24"		1006		2	✓			✓	0932	0.0	
.12	M8 33 GG 6-12"		1032		2		✓	✓	✓			
.13	24"	↓	1032	↓	2	✓			✓	0933	0.0	

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormack	3/16/99 1515				
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:

000013

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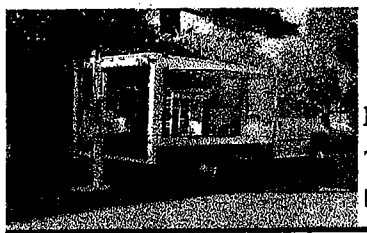

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Tel (732)532-4359 Fax (732)532-3484 EMail:appleby@doim6.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

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

Project No:
Location: M8 - LANDFILL

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

Comments: Meth / <4°C

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	Analysis Parameters: VOA+15	Metals	PEST PCB PAH	%SOLID	VOA ID NUMBER	DEL DYA	Remarks / Preservation Method
4357. 14	M834 HH 6-12"	3/18	1047	SOIL	2		✓	✓	✓			
15	24"		1047		2	✓			✓	0934	0.0	DIFFICULT AT 24"
16	M835 II 6-12"		1104		2		✓	✓	✓			
17	24"		1104		2	✓			✓	0935	0.0	
18	M836 JJ 6-12"		1126		2		✓	✓	✓			
19	24"		1126		2	✓			✓	~~0936~~ 0942	0.0	
20	M837 KK 6-12"		1131		2		✓	✓	✓			
21	24"		1131		2	✓			✓	937	0.0	20"
22	M838 LL 6-12"		1344		2		✓	✓	✓			
23	24"		1344		2	✓			✓	938	0.0	17"
24	M839 MM 6-12"		1339		2		✓	✓	✓			
25	24"		1339		2	✓			✓	939	0.0	
26	M840 NN 6-12"		1347		2		✓	✓	✓			
27	24"		1347		2	✓			✓	940	0.0	8" wtr / impassable

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormack	3/18/99 1515				
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:

00046

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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: M-8 Landfill

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

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	Analysis Parameters: VOA+15	Metals	PEST PCB AN	% SOLID	VOA ID NUMBER	ppm H2O	Comments: Remarks / Preservation Method
43517 .28	M8 41006-12"	3/18/99	1357	Soil	2	1	✓	✓	✓			Meth / <4°C
.29	24"		1357		2	✓			✓	941	0.0	sampled at 16"
.30	M8 42PP 6-12"		1410		2		✓	✓	✓			wtr filling hole
.31	24"		1410		2	✓			✓	942	0.0	

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormack	3/18/99 1515				
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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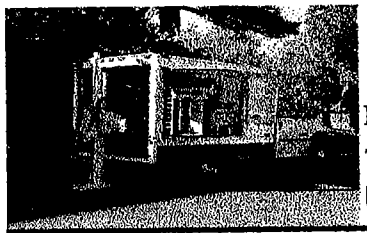
Custodydera.xls11/9/98



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NJDEP Certification #13461

Chain of Custody Record

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

Project No:
Location: MS - Landfill

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

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	Analysis Parameters: VOA+15	Metals	PEST BN	%SOLID	VOA ID NUMBER	HCl to pH<2	Comments: Remarks / Preservation Method
												Meth/4°C
4372 .01	Trip	3/26/99	0900	Meth	1	✓				944		
.02	MS 43 6-12"		1337	Soil	2		✓	✓	✓	~~944~~ cpm		
.03	" 24"		1342		2	✓			✓	cpm ~~944~~ 945	0.0	@ 20"
.04	MS 44 6-12"		1348		2		✓	✓	✓	~~9~~ cpm		
.05	" 24"		1355		2	✓			✓	946 cpm	0.0	wood @ 24"
.06	MS 45 6-12"		1413				✓	✓	✓			
.07	" 24"		1419			✓			✓	947 cpm	0.0	
.08	MS 46 6-12"		1425				✓	✓	✓			
.09	" 24"		1428			✓			✓	949	0.0	@ 22"
.10	MS 47 6-12"		1437				✓	✓	✓			wood at 4", got through
.11	" 24"		1444			✓			✓	948	0.0	
.12	MS 48 6-12"		1456				✓	✓	✓			
.13	" 24"	↓	1458	↓		✓			✓	cpm ~~949~~ 950	0.0	@ 16 wood through-out

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormack	3/26/99 1515				
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: Labeling continues as reg #'s from 43 on. CPM

000018

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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: M-8 Landfill

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

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	Analysis Parameters: VOA+15	Metals	PEST PCB AN	% SOLID	VOA ID NUMBER	H2O OVA	Comments: Remarks / Preservation Method
4376. .01	Trip	3/29/99	0850	Meth	1	✓				951		Meth /4°C
.02	M8 49 6-12"		0900	Soil	2		✓	✓	✓			
.03	24"		0900		2	✓			✓	958	0.0	
.04	M8 50 6-12"		0905		2		✓	✓	✓			
.05	24"		0905		2	✓			✓	959	0.0	
.06	M8 51 6-12"		0930		2		✓	✓	✓			
.07	24"		0930		2	✓			✓	960	0.0	
.08	M8 52 6-12"		0947		2		✓	✓	✓			
.09	24"		0947		2	✓			✓	981	0.0	Garbage bags @ 12-15
.10	M8 53 6-12"		0953		2		✓	✓	✓			
.11	24"		0953		2	✓			✓	982	0.0	14" DOWN
.12	M8 54 6-12"		1010	~~1010~~	2		✓	✓	✓			1 OF 2 JAR BROKEN IN LAB.
.13	24"	↓	1010	↓	2	✓			✓	983	0.0	12"

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormack	1515 3/29/99				
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:

000039

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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: M-8 Landfill

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

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	Analysis Parameters: VOA+15	Metals	PESTBN	%SOLID	VOA ID NUMBER	Hnu VOA	Comments: Remarks / Preservation Method
4B76.14	M8 55 6-12"	3/29/99	1021	Soil	2		✓	✓	✓			Meth / <4°C
.15	24"		1021		2	✓			✓	952	0.0	Red Bricks 0-13"
.16	M8 56 6-12"		1034		2		✓	✓	✓			
.17	24"		1034		2	✓			✓	953	0.0	
.18	M8 57 6-12"		1037		2		✓	✓	✓			
.19	24"		1037		2	✓			✓	954	0.0	
.20	M8 58 6-12"		1050		2		✓	✓	✓			
.21	24"		1050		2	✓			✓	955	0.0	Garbage 14"
.22	M8 59 6-12"		1115		2		✓	✓	✓			
.23	24"		1115		2	✓			✓	956	0.0	Garbage bag 14"
.24	M8 60 6-12"	~~HF~~ clm	1127		2		✓	✓	✓			
.25	24"	~~HF~~ clm	1127		2	✓			✓	957	0.0	wet at 20"
.26	M8 61 6-12"		1301		2		✓	✓	✓			
.27	24"		1310		2	✓			✓	984	0.0	

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Cory McCormack	3/29/99 1515				
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

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

Remarks:

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Chain of Custody Record

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

Project No:
Location: M 8 Landfill

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

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals	PEST PCB AN	%SOLID	VOA ID NUMBER	HNU ppm	Remarks / Preservation Method
4376 .28	M8 62 12-6"	3/29/98	1316	Soil	2		✓	✓	✓			
.29	24"		1321		2	✓			✓	985	0.0	18"
.30	M8 63 6-12"		1327		2		✓	✓	✓			
.31	24"		1337		2	✓			✓	986	0.0	18"
.32	M8 64 6-12"		1342		2		✓	✓	✓			
.33	24		1349		2	✓			✓	987	0.0	Garbage by 18"
.34	M8 65 6-12"		1357		2		✓	✓	✓			
.35	24"		1359		2	✓			✓	988	0.0	tin/aluminum sheet at 20" 4 bursts in area all hit iron
.36	M8 66 6-12"		1412		2		✓	✓	✓			
.37	24"		1418		2	✓			✓	989	0.0	Strong odor

Meth /4°c

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Cory McCormack	3/29/99 1515				
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

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

Remarks:

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NJDEP Certification #13461

Chain of Custody Record

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

Project No:
Location: M-8 Landfill

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

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	Analysis Parameters: VOA+15	Metals	PEST PCB PAN	% SOLID	VOA ID NUMBER	HNU PVA	Comments: Remarks / Preservation Method
4382 .01	Trip	3/30/99	0800	Meth	1	✓				990		Meth / 4°C
.02	M8 67 6-12"		0810	Soil	2		✓	✓	✓			
.03	24"		0817		2	✓			✓	991	0.0	
.04	M8 68 6-12"		1815		2		✓	✓	✓			
.05	24"		0824		2	✓			✓	992	0.0	
.06	M8 69 6-12"		0821		2		✓	✓	✓			
.07	24"		0829		2	✓			✓	993	0.0	
.08	M8 70 6-12"		0828		2		✓	✓	✓			
.09	24"		0834		2	✓			✓	994	0.0	
.10	M8 71 6-12"		0837		2		✓	✓	✓			
.11	24"		0844		2	✓			✓	995	0.0	
.12	M8 72 6-12"		0847		2		✓	✓	✓			
.13	24"		0852		2	✓			✓	996	0.0	15" Wahage on knees?

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormack	3/30/99 1530				
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

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

Remarks:

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Fort Monmouth Environmental Testing Laboratory

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

Chain of Custody Record

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

Project No:
Location: M 8 Landfill

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

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	Analysis Parameters: VOA+15	Metals	PEST BN	PCB	ABN	%SOLID	VOA ID NUMBER	HNU ppm	Comments: Remarks / Preservation Method
24382.14	M8 73 6-12"	3/30/99	0904	Soil	2		✓	✓			✓			Meth / 4°C
.15	24"		0913			✓					✓	997	0.0	
.16	M8 74 6-12"		0917				✓	✓			✓			Garbage bag 18"
.17	24"		0921			✓					✓	998	0.0	
.18	M8 75 6-12"		0924				✓	✓			✓			wood 5 boards 18"
.09	24"		0929			✓					✓	999	0.0	
.20	M8 76 6-12"		0933				✓	✓			✓			
.21	24"		0940			✓					✓	0001	0.0	
.22	M8 77 6-12"		1030				✓	✓			✓			
.23	24"		1037			✓					✓	0002	0.0	
.24	* M8 78 6-12"		1041				✓	✓			✓		0	Garbage bag 18"
.25	24"		1047			✓					✓	0003	0.0	
.26	* Dupe 6-12"		—				✓	✓			✓			bricks
.27	24"	↓	—	↓		✓					✓	0004	0.0	

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Corey McCormack	3/30/99 1530				
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

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

Remarks:

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NJDEP Certification #13461

Chain of Custody Record

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

Project No:
Location: M8 Landfill

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

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	Analysis Parameters: VOA+15	Metals	PESTBN	%SOLID	VOA ID NUMBER	HNU OVA	Comments: Remarks / Preservation Method
												Meth /624
4382.128	M8 79 6-12"	3/30/99	1051	Soil	2		✓	✓	✓			
.129	24"		1059		2	✓			✓	0005	0.0	Bricks
.130	M8 80 6-12"		1109		2		✓	✓	✓			
.131	24"		1117		2	✓			✓	006	0.0	Bricks
.132	M8 81 6-12"		1122		2		✓	✓	✓			
.133	~~M8~~ 24"		1130		2	✓			✓	007	0.0	Garbage by 24"
.134	★M8 82 6-12"		1137		2		✓	✓	✓			
.135	24"		1141		2	✓			✓	008	0.0	~~Garbage by @ 24"~~ cbm
.136	★ Dupe 6-12"		—		2		✓	✓	✓			
.137	24"		—		2	✓			✓	009	0.0	
.138	M8 83 6-12"		1310		2		✓	✓	✓			
.139	24"		1317		2	✓			✓	010	0.0	
.140	M8 84 6-12"		1319		2		✓	✓	✓			
.141	24"		1324		2	✓			✓	011	0.0	

Relinquished by (signature)	Date/Time	Received by (signature)	Relinquished by (signature)	Date/Time	Received by (signature)
Cory McCormack	3/30/99 1530				
Relinquished by (signature)	Date/Time	Received by (signature)	Relinquished by (signature)	Date/Time	Received by (signature)

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

Remarks:

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NJDEP Certification #13461

Chain of Custody Record

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

Project No:
Location: M 8 Landfill

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

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals	PESTBN	ABN	%SOLID	VOA ID NUMBER	HNU d/VA	Comments: Remarks / Preservation Method
4382.42	M8 85 6-12"	3/30/99	1327	Soil	2		✓	✓		✓			Meth / <4°C
.43	24"		1335		2	✓				✓	012	0.0	
.44	M8 86 6-12"		1341		2		✓	✓		✓			
.45	24"		1347		2	✓				✓	013	0.0	Grbge bgs 18-24"
.46	M8 87 6-12"		1354		2		✓	✓		✓			
.47	24"		1357		2	✓				✓	014	0.0	Lge amnt grbge/wood
.48	M8 88 6-12"		1402		2		✓	✓		✓			cmnts sngle 10"
.49	24"	↓	1415	↓	2	✓				✓	015	0.0	

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Cory McCormack	3/30/99 1530				
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

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

Remarks:

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Chain of Custody Record

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

Project No:
Location: MS - Landfill

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

Comments: Meth / 4°C

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	Analysis Parameters: VOA+15	Metals	PEST PCB AN	% SOLID	VOA ID NUMBER	HNU VOA	Remarks / Preservation Method
4389.01	Trip	3/1/99	0900	Meth	1	✓				028		
.02	MS 89 6-12"		0905	Soil	2		✓	✓	✓			
.03	24"		0910		2	✓			✓	021	0.0	
.04	MS 90 6-12"		0909		2		✓	✓	✓			
.05	24"		0917		2	✓			✓	020	0.0	
.06	MS 91 6-12"		0918		2		✓	✓	✓			
.07	24"		0924		2	✓			✓	019	0.0	
.08	MS 92 6-12"		0923		2		✓	✓	✓			
.09	24"		0929		2	✓			✓	018	0.0	
.10	MS 93 6-12		0931		2		✓	✓	✓			
.11	24"		0938		2	✓			✓	017	0.0	
.12	MS 94 6-12"		0942		2		✓	✓	✓			
.13	24"		0949		2	✓			✓	016	0.0	14"

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Corey McCormack	4/1/99 1445 CM 1345				
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

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

Remarks:

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NJDEP Certification #13461

Chain of Custody Record

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

Project No:
Location: M8 Landfill

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

Comments: Meth / <4°C

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Met Tals	PEST PCB PAN	%SOLID	VOA ID NUMBER	2ND DAY	Remarks / Preservation Method
4381.14	M8 95 6-12"	4/1/99	0952	soil	2		✓	✓	✓			
.15	24"		0958		2	✓			✓	027	0.0	
.16	M8 96 6-12"		1003		2		✓	✓	✓			
.17	24"		1012		2	✓			✓	026	0.0	Grab bag @ 13'
.18	M8 97 6-12"		1047		2		✓	✓	✓			
.19	24"		1053		2	✓			✓	025	0.0	
.20	M8 98 6-12"		1054		2		✓	✓	✓			
.21	24"		1059		2	✓			✓	024	0.0	Multiple bags concrete slabs. Sample @ 10"
.22	M8 99 6-12"		1104		2		✓	✓	✓			
.23	24"		1108		2	✓			✓	023	0.0	
.24	M8 100 6-12"		1113		2		✓	✓	✓			
.25	24"	↓	1120	↓	2	✓			✓	022	0.0	16"
.26	M8 101 6-12"		1124		2		✓	✓	✓			
.27	24"	↓	1131	↓	2	✓			✓	029	0.0	

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormack	4/1/99 1345	J. Blushma			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

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

Remarks:

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NJDEP Certification #13461

Chain of Custody Record

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

Project No:
Location: M 8 - Landfill

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

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	Analysis Parameters: VOA+15	Metals	PESTBN	%SOLID	VOA ID NUMBER	HNU	Comments: Remarks / Preservation Method
4389-.28	M8 102 6-12"	4/1/99	1139	Soil	2		✓	✓	✓			Meth / 4°C
.29	24"		1145		2	✓			✓	030	0.0	
.30	M8 103 6-12"		1147		2		✓	✓	✓			
.31	24"		1154		2	✓			✓	031	0.0	17"

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormack	4/1/99 1345				
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

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

Remarks:

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NJDEP Certification #13461

Chain of Custody Record

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

Project No:
Location: M 8 - Landfill

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

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	Analysis Parameters: VOA+15	Metals	PEST PCB PAN	% SOLID	VOA ID NUMBER	HNU	Comments: Remarks / Preservation Method
4844 .01	TRIP BLANK	4/5	0830	AQ Meth	1	✓				082		Meth /4°C
02	M8 104 6-12"		0900	SOIL	2		✓	✓	✓			
03	24"		0910			✓			✓	083	0.0	17" wood
04	M8 105 6-12"		0908				✓	✓	✓			
05	24"		0917			✓			✓	084	0.0	15" wood
06	M8 106 6-12"		0914				✓	✓	✓			
07	24"		0921			✓			✓	085	0.0	18" wood
08	M8 107 6-12"		0923				✓	✓	✓			
09	24"		0927			✓			✓	086	0.0	
10	M8 108 6-12"		0930				✓	✓	✓			
11	24"		0936			✓			✓	087	0.0	
12	M8 109 6-12"		0935				✓	✓	✓			
13	24"		0941			✓			✓	088	0.0	

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Corey McCormack	4/5/99 1350				
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

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

Remarks:

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NJDEP Certification #13461

Chain of Custody Record

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

Project No:
Location: M-8 Landfill

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

Analysis Parameters

Comments: Meth / 4°C

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals	PEST PCB PAN	%SOLID	VOA ID NUMBER	HNU VOA	Remarks / Preservation Method
43964 14	M8 - 110 6-12"	4/5	0949	soil	2		✓	✓	✓			
15	24"		0954			✓			✓	089	0.0	
16	M8 111 6-12"		0957				✓	✓	✓			
17	24"		1003			✓			✓	090	0.0	
18	M8 112 6-12"		1015				✓	✓	✓			
19	24"		1018			✓			✓	091	0.0	
20	M8 113 6-12"		1022				✓	✓	✓			
21	24"		1027			✓			✓	092	0.0	
22	M8 114 6-12"		1033				✓	✓	✓			
23	24"		1039			✓			✓	093	0.0	
24	M8 Dupe 6-12"		—				✓	✓	✓			
25	24"		—			✓			✓	094	0.0	—
26	M8 115 6-12"		1300				✓	✓	✓			
27	24"	↓	1307	↓	↓	✓			✓	095	0.0	

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Corey McCormack	4/5/99 1350				
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

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

Remarks:

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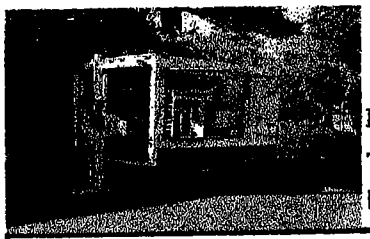

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NJDEP Certification #13461

Chain of Custody Record

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

Project No:
Location: M8 Landfill

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

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	Analysis Parameters: VOA+15	Metals	PEST PCB PAN	% SOLID	VOA ID NUMBER	HNU	Comments: Remarks / Preservation Method
4344.28	M8 116 6-12"	4/5/99	1310	Soil	2		✓	✓	✓			Meth / 4°C
.29	24"		1317			✓			✓	096	0.0	
.30	M8 117 6-12"		1319				✓	✓	✓			
.31	24"		1324			✓			✓	097	0.0	
.32	M8 118 6-12"		1327				✓	✓	✓			
.33	24"		1331			✓			✓	098	0.0	
.34	M8 119 6-12"		1337				✓	✓	✓			
.35	24"		1342			✓			✓	099	0.0	
.36	M8 120 6-12"		1345				✓	✓	✓			
.37	24		1349			✓			✓	100	0.0	
.38	M8 121 6-12"		1353				✓	✓	✓			
.39	24"		1359			✓			✓	101	0.0	
.40	M8 122 6-12"		1403				✓	✓	✓			
.41	24"	↓	1410	↓	↓	✓			✓	102	0.0	

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormack	4/5/99 1350				
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

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

Remarks:

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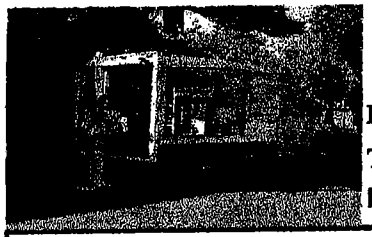

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NJDEP Certification #13461

Chain of Custody Record

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

Project No:
Location: M8 Landfill

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

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals	PEST PCB PAB N	% SOLID	VOA ID NUMBER	HNU ppm	Remarks / Preservation Method
4394.42	M8 123 6-12"	4/5/99	1415	Soil	2		✓	✓	✓			
.43	24"		1419			✓			✓	103	0.0	Concrete 20'
.44	M8 124 6-12"		1421				✓	✓	✓			
.45	24"		1427			✓			✓	104	0.0	Concrete 20'
.46	M8 Dupe II 6-12"		—				✓	✓	✓			
.47	M8 Dupe II 24"		—			✓			✓	105	0.0	—

Comments: Meth / 4°C

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormack	4/5/99 1350				
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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Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-3484 EMail:appleby@doim6.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

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

Project No:
Location: M 8 Landfill

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

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	Analysis Parameters: VOA+15	Metals	PEST PCB ABN	% SOLID	VOA ID NUMBER	HNU	Comments: Remarks / Preservation Method
												Meth / 4°C
4401 .01	Trip	4/8/99	0801	Meth	1	✓				106	0.0	
.02	M8 125 6-12"		0810	Soil	2		✓	✓	✓			
.03	24"		0818		2	✓			✓	107	0.0	20"
.04	M8 126 6-12"		0821		2		✓	✓	✓			
.05	24"		0823		2	✓			✓	108	0.0	sht mtl @ 24"
.06	M8 127 6-12"		0827		2		✓	✓	✓			
.07	24"		0835		2	✓			✓	109	0.0	
.08	M8 128 6-12"		0841		2		✓	✓	✓			
.09	24"		0842		2	✓			✓	110	0.0	
.10	M8 129 6-12"		0855		2		✓	✓	✓			
.11	24"		0859		2	✓			✓	111	0.0	16"
.12	M8 130 6-12"		0907		2		✓	✓	✓			
.13	24"	↓	0910	↓	2	✓			✓	112	0.0	

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormack	4/8/99 1415				
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:

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:
Location: M 8 Landfill

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

Comments: Meth / 4°C

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	Analysis Parameters: VOA+15	Metals	PEST PCB	% SOLID	VOA ID NUMBER	HNU @ VOA	Remarks / Preservation Method
4401 .14	M8 131 6-12"	4/8/99	0917	Soil	2		✓	✓	✓	113	0.0	
.15	24"		0924		2	✓			✓			
.16	M8 132 6-12"		0931		2		✓	✓	✓	114		
.17	24"		0937		2	✓			✓	114	0.0	
.18	M8 133 6-12"		0941		2		✓	✓	✓			
.19	24"		0948		2	✓			✓	115	0.0	
.20	M8 134 comp Dupe 6-12"		0957		2		✓	✓	✓			
.21	24"		1003		2	✓			✓	116	0.0	
.22	M8 135 6-12"		1011		2		✓	✓	✓			
.23	24"		1017		2	✓			✓	117	0.0	
.24	M8 136 6-12"		1024		2		✓	✓	✓			
.25	24"		1030		2	✓			✓	118	0.0	grey/white goo at 22"-24"
.26	M8 137 6-12"		1039		2		✓	✓	✓			
.27	24"	↓	1043	↓	2	✓			✓	120	0.0	

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Cory McCormack	4/8/99 1415				
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

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

Remarks:

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NJDEP Certification #13461

Chain of Custody Record

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

Project No:
Location: M8 Landfill

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

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals	PEST PCB AN	% SOLID	VOA ID NUMBER	HNU o VA	Comments: Remarks / Preservation Method
4401 .28	138 6-12"	4/8/99	1050	Soil	2		✓	✓	✓			Meth / 4°C concrete 15-17"
.29	24"		1056		2	✓			✓	121	0.0	wood 12" Asphalt/shingles 18-24"
.30	139 6-12"		1059		2		✓	✓	✓			Comp.
.31	24"		1109		2	✓			✓	122	0.0	
.32	140 6-12"		1117		2		✓	✓	✓			
.33	24"		1127		2	✓			✓	123	0.0	
.34	141 6-12"		1134		2		✓	✓	✓			Carpet/shingles 18-20" clayboard 2
.35	24"		1140		2	✓			✓	125	0.0	odor, no HNu Mangh.
.36	142 6-12"		1142		2		✓	✓	✓			concrete 7-14" wood 17" Mangh 24
.37	24"		1145		2	✓			✓	126	0.0	
.38	Dupe 6-12"		—		2		✓	✓	✓			
.39	Dupe 24"		—		2	✓			✓	119	0.0	
.40	Dupe II 6-12"		—		2		✓	✓	✓			
.41	Dupe II 24		—	✓	2	✓			✓	124	0.0	

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Corey McCormack	4/8/99 1415				
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

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

Remarks:

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NJDEP Certification #13461

Chain of Custody Record

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

Project No:
Location: MS Landfill

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

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals	PESTBN	PAB	%SOLID	VOA ID NUMBER	HNVOA	Remarks / Preservation Method
44901.42	MS 143 6-12"	4/8/99	1150	Soil	2		✓	✓		✓			
.43	24"		1153		2	✓				✓	127	0.0	18"
.44	MS 144 6-12"		1151		2		✓	✓		✓			6-12" shales + wood
.45	24"		1156		2	✓				✓	128	0.0	
.46	MS 145 6-12"		1158		2		✓	✓		✓			6-16" shales, wood, concrete
.47	24"	↓	1200	↓	2	✓				✓	129	0.0	sand 6"

Comments: Meth / 4°C

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Corey M. Conard	4/8/99 1415				
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

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

Remarks:

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NJDEP Certification #13461

Chain of Custody Record

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

Project No:
Location: M8 Landfill

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

Comments: Meth /4°c

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	Analysis Parameters: VOA+15	Metals	PEST PCB PAN	% SOLID	VOA ID NUMBER	HNU @ VA	Remarks / Preservation Method
1/4/05. .01	Trip	4/9/99	0930	Meth	1	✓				130		
.02	M8 146 6-12"		0947	Soil	2		✓	✓	✓			
.03	24"		0953		2	✓			✓	131	0.0	
.04	M8 147 6-12"		1000		2		✓	✓	✓			
.05	24"		1007		2	✓			✓	132	0.0	
.06	M8 148 6-12"		1011		2		✓	✓	✓			
.07	24"		1017		2	✓			✓	133	0.0	
.08	M8 149 6-12"		1021		2		✓	✓	✓			
.09	24"		1826		2	✓			✓	134	0.0	
.10	M8 150 6-12"		1030		2		✓	✓	✓			
.11	24"		1034		2	✓			✓	135	0.0	
.12	M8 151 6-12"		1042		2		✓	✓	✓			
.13	24"	↓	1047	↓	2	✓			✓	136	0.0	

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Corey McCormack	4/9/99 1345				
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

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

Remarks:

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NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV | Project No:
Phone #: (732) 532-6223 | Location: M8 Landfill
(X)DERA ( )OMA ( )Other:_____

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

Comments: Meth / 4°C

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	Analysis Parameters: VOA+15	Metals	PEST PCB AN	% SOLID	VOA ID NUMBER	HNU	Remarks / Preservation Method
2/4/05 .14	M8 152 6-12"	4/9/99	1054	Soil	2		✓	✓	✓			
.15	24"		1057		2	✓			✓	137	0.0	
.16	M8 153 6-12"		1107		2		✓	✓	✓			
.17	24"		1110		2	✓			✓	138	0.0	
.18	M8 154 6-12"		1115		2		✓	✓	✓			
.19	24"		1121		2	✓			✓	139	0.0	
.20	M8 155 6-12"		1127		2		✓	✓	✓			
.21	24"		1134		2	✓			✓	140	0.0	
.22	M8 156 6-12"		1137		2		✓	✓	✓			
.23	24"		1142		2	✓			✓	141	0.0	
.24	★ M8 157 6-12"		1145		2		✓	✓	✓			
.25	24"		1150		2	✓			✓	142	0.0	
.26	M8 Dupe 6-12"		—		2		✓	✓	✓			
.27	24"	↓	—	↓	2	✓			✓	148	0.0	

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormack	4/9/99 1345				
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

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

Remarks:

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NJDEP Certification #13461

Chain of Custody Record

Customer: J. FALLON
Phone #: 426223
(X)DERA ( )OMA ( )Other:_____

Project No: 98-0211
Location: M-8

Samplers Name / Company : DAVE DEINHARDT / TVS

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	PEST/PCB	BNA	% SOLIDS	TAL METALS	VOA +15				Remarks / Preservation Method
4413. 01	M8 TRIP BLANK	4/13	0830	WATER	1					/				143
02	M8 158 6-12"		0843	SOIL	2	/	/	/	/					
03	24"		0843		2			/		/				144
04	M8 159 6-12"		0857		2	/	/	/	/					
05	24"		0857		2			/		/				145
06	M8 160 6-12"		0923		2	/	/	/	/					
07	24"		0923		2			/		/				146 SAMPLE TAKEN AT 16"
08	M8 161 6-12"		0937		2	/	/	/	/					
09	24"		0937		2			/		/				147 SAMPLE TAKEN AT 18"
10	M8 162 6-12"		0955		2	/	/	/	/					
11	24"		0955		2			/		/				149 SAMPLE TAKEN AT 16"
12	M8 163 6-12"		1005		2	/	/	/	/					
13	24"		1005		2			/		/				150 GARBAGE BAGS AT 24"

Analysis Parameters

Comments:

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
D. Deinhardt	4/13/99 1500				
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

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

Remarks:

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NJDEP Certification #13461

Chain of Custody Record

Customer: J. FALLON
Phone #: X26223
(X)DERA ( )OMA ( )Other:_____

Project No: 98-0211
Location: M-8

Samplers Name / Company: DAVE DEINHARDT / TVS

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	Pest/PCB	BNA	% SOLIDS	TAL METALS	VOA TICS				Comments: Remarks / Preservation Method
44123 14	M8 164 6-12"	4/13	1023	SOIL	2	/	/	/	/					GARBAGE BAGS AT 6-12"
15	24"		1023		2			/		/				151
16	M8 165 6-12"		1030		2	/	/	/	/					
17	24"		1030		2			/		/				152 GARBAGE BAGS AT 24"
18	M8 166 6-12"		1100		2	/	/	/	/					*
19	24"		1100		2			/		/				#153 SAMPLE TAKEN AT 20"
20	M8 167 6-12"		1121		2	/	/	/	/					
21	24"		1121		2			/		/				166
22	M8 168 6-12"		1137		2	/	/	/	/					
23	24"		1137		2			/		/				161
24	M8 169 6-12"		1321		2	/	/	/	/					
25	24"		1321		2			/		/				162
26	M8 170 6-12"		1327		2	/	/	/	/					
27	24"		1327		2			/		/				163

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
D-DeH	4/13/99 1500	J. Chrysler			
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: J. Fallon
Phone #: X26223
(X)DERA ( )OMA ( )Other:_____

Project No: 98-0211
Location: M-8

Samplers Name / Company : Dave Deinhardt / TVS

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	Pest/PCB	BNA	% Solids	TAL Metals	VOA+15				Comments: Remarks / Preservation Method
4413.28	M8 Dupe 6-12"	4/13	—	Soil	2	/	/	/	/					*
" 29	24"	"	—	"	2			/		/				*/64 Sampled at 20"

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
D Deinhardt	4/13 1500	J. Clayton			
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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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: M-8 Landfill

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

Comments: Meth / 4°C

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals	PESTBN	%SOLID	VOA ID NUMBER	HNU	Remarks / Preservation Method
4468.01	Trip	5/7/99	0830	Meth	1	✓				306	—	
.02	M8 171 6-12"		0910	Soil	2		✓	✓	✓			
.03	" 24"		0917		2	✓			✓	307	0.0	
.04	M8 172 6-12"		0925		2		✓	✓	✓			
.05	24"		0933		2	✓			✓	309	0.0	
.06	*M8 173 6-12"		1000		2		✓	✓	✓			
.07	24"		1019		2	✓			✓	308	0.0	
.08	M8 174 6-12"		1251		2		✓	✓	✓			
.09	24"		1258		2	✓			✓	310	0.0	
.10	M8 175 6-12"		1315		2		✓	✓	✓			
.11	24"		1322		2	✓			✓	311	0.0	
.12	M8 Dupe 6-12"		—		2		✓	✓	✓			
.13	" " 24"	↓	—	↓	2	✓			✓	312	0.0	
							✓	✓	✓			

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Corey McCormack	5/7/99 1425				
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

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

Remarks:

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Fort Monmouth Environmental Testing Laboratory

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

Chain of Custody Record

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

Project No:
Location: M 8 Landfill

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

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	Analysis Parameters: VOA+15	Metals	PESTBN PCB	% SOLID	VOA ID NUMBER	HNV pH	Comments: Remarks / Preservation Method
4473. .01	Trip	5/10/99	0800	Meth	1	✓				318	—	
.02	M8 176 6-12"		1341	Soil	2		✓	✓	✓			
.03	" " 24"		1347		2	✓			✓	319	0.0	Concrete @ 9-13"
.04	M8 177 6-12"		1400				✓	✓	✓			
.05	" " 24"		1405			✓			✓	320	0.0	Concrete @ 4-7" wood frags 18-24"
.06	M8 178 6-12"		1411				✓	✓	✓			
.07	" " 24"		1417			✓			✓	321	0.0	Grn Tile / Red Brick 7-9" Asphalt 5" at 21-22" concrete
.08	M8 179 6-12"		1423				✓	✓	✓			concrete @ 2", 7", 16"
.09	" " 24"		1427			✓			✓	346	0.0	21"
.10	M8 180 6-12"		1439				✓	✓	✓			
.11	" " 24"		1446			✓			✓	347	0.0	Concrete 7-10" 18-23"
.12	M8 Dupe 6-12"		—				✓	✓	✓			
.13	" " 24"		—			✓			✓	349	—	

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormack	5/10/99 1615				
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:

000043

CorevCustodydera.xls4/1/99

Fort Monmouth Environmental Testing Laboratory

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

Chain of Custody Record

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

Project No:
Location: M8 Landfill

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

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals	PEST PCB	% SOLID	VOA ID NUMBER	HNU	Remarks / Preservation Method
4403 .14	M8 181 6-12"	5/10/99	1507	Soil	2	·	✓	✓	✓	~~350~~ X		Concrete @ 6", 16", 21"
.15	" " 24"		1513		2	✓			✓	350	0.0	
.16	M8 182 6-12"		~~8~~ 1521				✓	✓	✓			
.17	" " 24"		1527			✓			✓	351	0.0	Red Brick + plastic @ 25"
.18	M8 183 6-12"		1535				✓	✓	✓			
.19	" " 24"		1539			✓			✓	352	0.0	Concrete @ 16–20"
.20	M8 184 6-12"		1547				✓	✓	✓			Very fragmented ↗
.21	" " 24"	↓	1553	↓	↓	✓			✓	353	0.0	concrete 12"–20"

Comments: Meth/4°C

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Cory McCormack	5/10/99 1615				
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:

0000044

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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:
Location: M8 Landfill

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

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	Analysis Parameters: VOA+15	Metals	PEST PCB	%SOLID	VOA ID NUMBER	HNU	Comments: Remarks / Preservation Method
4474.01	Trip	5/11/99	0925	Meth	1	✓				370	—	Meth / 4°C
.02	M8 185 6-12"		0930	Soil	2		✓	✓	✓			
.03	" " 24"		0937		2	✓			✓	371	0.0	
.04	M8 186 6-12"		0944				✓	✓	✓			
.05	" " 24"		0948			✓			✓	372	0.0	Orgsnds all / Rounds
.06	M8 187 6-12"		0956				✓	✓	✓			
.07	" " 24"		0959			✓			✓	373	0.0	
.08	M8 188 6-12"		1007				✓	✓	✓			
.09	" " 24"		1017			✓			✓	374	0.0	Dk brown all wood @ 25"
.10	*M8 189 6-12"		1027				✓	✓	✓			
.11	" " 24"		1032			✓			✓	375	0.0	Org snds all / rocks
.12	M8 Dupe 6-12"		—				✓	✓	✓			~~Brown~~ Dk brown 24"
.13	" " 24"	↓	—	↓	↓	✓			✓	376	—	

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormack	5/11/99 1505				
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:

000045

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Fort Monmouth Environmental Testing Laboratory

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

Chain of Custody Record

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

Project No:
Location: M8 Landfill

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

Comments: Meth / <4°C

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals	PESTBN	%SOLID	VOA ID NUMBER	HNU ppm VOA	Remarks / Preservation Method
4474.14	M8 190 6-12"	5/14/99	1304	Soil	2		✓	✓	✓			
.15	" " 24"		1310		2	✓			✓	377	0.0	layer of leaf 7-13"
.16	M8 191 6-12"		1317				✓	✓	✓			Org brown 14→24"
.17	" " 24"		1321			✓			✓	~~378~~ 354	0.0	large granules 6-12" Gry lg 13" layer→15" 17" by
.18	M8 192 6-12"		1327				✓	✓	✓			
.19	" " 24"		1334			✓			✓	355	0.0	orange all lg pcls
.20	M8 193 6-12"		1343				✓	✓	✓			
.21	" " 24"		1349			✓			✓	356	0.0	Grave all lg pcls
.22	M8 194 6-12"		1358				✓	✓	✓			
.23	" " 24"		1409			✓			✓	357	0.0	
.24	M8 195 6-12"		1424				✓	✓	✓			
.25	" " 24"		1430			✓			✓	358	0.0	lg cyclops 6-15"
~~.26~~ cfm	~~M8 196 6-12"~~						~~✓~~	~~✓~~	~~✓~~	cfm		
~~.27~~	~~" " 24"~~					~~✓~~			✓			

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormack	5/14/99 1505				
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:

000046

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Fort Monmouth Environmental Testing Laboratory

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

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV | Project No: | Location: M8 Landfill

Phone #: (732) 532-6223

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

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

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	Analysis Parameters: VOA+15	Metals	PEST PCB ABN	% SOLID	VOA ID NUMBER	HNO3 VOA	Comments: Remarks / Preservation Method
												Meth/4°C
4481. .01	Trip	5/13/99	0920	Meth	1	✓				359	—	
.02	M8 196 6-12"		0926	Soil	2		✓	✓	✓			
.03	" " 24"		0932		2	✓			✓	360	0.0	Red Brick @ 17-19" Sampled at 17"
.04	M8 197 6-12"		0937				✓	✓	✓			
.05	" " 24"		0943			✓			✓	361	0.0	Lg angulars 0-12" Asphalt 17" Dk Brn/Grey/Black; Black 24"
.06	M8 198 6-12"		1005				✓	✓	✓			
.07	" " 24"		1011			✓			✓	362	0.0	Asphalt 36" Org 6-27" wood at 39"
.08	M8 199 6-12"		1019				✓	✓	✓			
.09	" " 24"		1024			✓			✓	363	0.0	wood 10" Dk Brn/Black Concrete 27"
.10	M8 200 6-12"		1034				✓	✓	✓			
.11	" " 24"		1038			✓			✓	364	0.0	Concrete 24" wood 11"-13" 17-18" lg Rx
.12	M8 Dupe 6-12"		—				✓	✓	✓		—	
.13	" " 24"	↓	—	↓	↓	✓			✓	365	—	

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Corey McCormack	5/13/99 1545	J. Allgeier			
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:

000047

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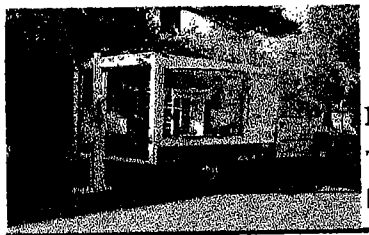

Fort Monmouth Environmental Testing Laboratory

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

Chain of Custody Record

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

Project No:
Location: M8 Landfill

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

Comments: Meth/4°C

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals	PEST PCB PAN	% SOLID	VOA ID NUMBER	HNU	Remarks / Preservation Method
4481.14	M8 201 6-12"	5/13/99	1334	Soil	2		✓	✓	✓			wood 11", asphalt 21"
.15	" " 24"		1339			✓			✓	366	0.0	
.16	M8 202 6-12"		1345				✓	✓	✓			lgt brn 0-4"
.17	" " 24"		1352			✓			✓	367	0.0	asphalt 24" 1+brn 0-4" Dk brn 4-20" sm
.18	M8 203 6-12"		1410				✓	✓	✓			
.19	" " 24"		1417			✓			✓	368	0.0	Concrete 48" Brn 27"-45" Black 46-47" Dk Brn 12-26"
.20	M8 204 6-12"		1421				✓	✓	✓			
.21	" " 24"		1427			✓			✓	369	0.0	Concrete (Hard) @ 18" Sand no @ 17"
.22	M8 205 6-12"		1433				✓	✓	✓			
.23	" " 24"		1439			✓			✓	394	0.0	1yr plastic @ 23" Dk brn 6-18 wood 20"-22
.24	M8 206 6-12"		1445				✓	✓	✓			
.25	" " 24"		1449			✓			✓	395	0.0	Rust org layer w/sand 6-12" blk 20"-24"
.26	M8 207 6-12"		1457				✓	✓	✓			
.27	" " 24"	↓	1509	↓	↓	✓			✓	396	0.0	0-4" Tp 5-10" Dk Brn 12-24" Black

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormack	5/13/99 1545				
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:

000048

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Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-3484 EMail:appleby@mail1.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: M8 Landfill

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

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals	PEST PCB PAB	%SOLID	VOA ID NUMBER	HNU dVA	Remarks / Preservation Method
4484 .01	Trip	5/14/99	0900	Meth	1	✓				397	—	
.02	M8 208 6-12"		0941	Soil	2		✓	✓	✓			
.03	" " 24"		0947		2	✓			✓	398	0.0	Green/Black lg Anthers lg rocks all
.04	M8 209 6-12"		0952				✓	✓	✓			
.05	" " 24"		0958			✓			✓	399	0.0	brown 6-12" lg Rocks all brown 21-24" Orange 13-20"
.06	M8 210 6-12"		1004				✓	✓	✓			
.07	" " 24"		1011			✓			✓	400	0.0	brown 0-3" Orange 21-24" sml Rocks
.08	M8 211 6-12"		1017				✓	✓	✓			
.09	" " 24"		1023			✓			✓	401	0.0	brown/fine all 0-24"
.10	M8 212 6-12"		1030				✓	✓	✓			
.11	" " 24"		1039			✓			✓	402	0.0	0-18" Orng/Rocks 18-24" Brown/fine
.12	M8 Dupe 6-12"		—				✓	✓	✓			
.13	" " 24"	↓	—	↓	↓	✓			✓	403	—	

Analysis Parameters

Comments: Meth/4°C

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormack	5/14/99 1300				
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:

000049

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Chain of Custody Record

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

Project No:
Location: M8 Landfill

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

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals	PEST PCB PAN	% SOLID	VOA ID NUMBER	HNO3	Remarks / Preservation Method
4490 .01	Trip	5/17/99	1025	Meth	1	✓				404	—	
.02	M8 213 6-12"		1030	Soil	2		✓	✓	✓			fine/dk brown 0-25"
.03	" " 24"		1034		2	✓			✓	405	0.0	
.04	M8 214 6-12"		1037				✓	✓	✓			
.05	" " 24"		1042			✓			✓	406	0.0	fine/dk brown 0-9" 10-18" dk/clay/f wood
.06	M8 215 6-12"		1047				✓	✓	✓			fine/brown lgrnds/cyclay Spoil 18
.07	" " 24"		1053			✓			✓	407	0.0	all 0-24"
.08	M8 216 6-12"		1059				✓	✓	✓			
.09	" " 24"		1102			✓			✓	408	0.0	same as 215
.10	M8 217 6-12"		1113				✓	✓	✓			
.11	" " 24"		1117			✓			✓	409	0.0	0-8" D.brown 9-13 wood frgs 14-20 D.brn 24 wood brk. black
.12	M8 Dupe 6-12"		—				✓	✓	✓		—	
.13	" " 24"	↓	—	↓	↓	✓			✓	410	—	

Comments: Meth./4°C

Relinquished by (signature)	Date/Time	Received by (signature)	Relinquished by (signature)	Date/Time	Received by (signature)
Corey McCormack	5/17/99 1500				
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

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

Remarks:

000050

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NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV | Project No: | Location: M8 Landfill

Phone #: (732) 532-6223

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

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

Comments: Meth / <4°C

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals	PEST PCB PAN	% SOLID	VOA ID NUMBER	HNU	Remarks / Preservation Method
4480 .14	M8 218 6-12"	5/17/99	1307	Soil	2		✓	✓	✓			0-7" light brn fines 8-14" dk brn
.15	" " 24"		1310		2	✓			✓	411	0.0	14-18" Asphalt 19-23 dk brn/blk 24"
.16	M8 219 6-12"		1319				✓	✓	✓			0-13" lite brn/fines
.17	" " 24"		1324			✓			✓	412	0.0	14-19 Black/asphalt/gravel 20-25 Coarse gravel brn
.18	M8 220 6-12"		1331				✓	✓	✓			
.19	" " 24"		1336			✓			✓	413	0.0	0-13" Hbrown 14-18 wood frgs ash blk/brn 19-23 blk 25" brn wood/brick
.20	M8 221 6-12"		1343				✓	✓	✓			
.21	" " 24"		1347			✓			✓	414	0.0	0-18" Hbrown 14-24" fines brown fines
.22	M8 222 6-12"		1354				✓	✓	✓			
.23	" " 24"		1359			✓			✓	415	0.0	0-16" Dk brn fine sand 17-20" 21-27 orge Dk brn
.24	M8 223 6-12"		1403				✓	✓	✓			
.25	" " 24"		1411			✓			✓	416	0.0	0-12" Dk brn fines 13-17 asphalt/blk 18-24" blk/brn wood coarse sand
.26	M8 224 6-12"		1417				✓	✓	✓			
.27	" " 24"	↓	1422	↓	↓	✓			✓	417	00	0-24" Dk Brn fines 1/2 Rock

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormack	5/17/99 1500				
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@mail1.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: M8 Landfill

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

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals	PESTBN	PACBN	%SOLID	VOA ID NUMBER	HNU VOA	Comments: Meth / 4°C Remarks / Preservation Method
4533.01	Trip	6/3/99	0900	Meth	1	✓					533	—	
.02	M8 225 6-12"		0920	soil	2		✓	✓		✓			
.03	" 24"		0924		2	✓				✓	534	0.0	
.04	226 6-12"		0931				✓	✓		✓			
.05	" 24"		0935			✓				✓	535	0.0	
.06	227 6-12"		0934				✓	✓		✓			
.07	" 24"		0937			✓				✓	536	0.0	
.08	228 6-12"		0946				✓	✓		✓			
.09	" 24"		0948			✓				✓	538	0.0	
.10	229 6-12"		0954				✓	✓		✓			
.11	" 24"		0959			✓				✓	539	0.0	
.12	M8 Dupe 6-12"		—				✓	✓		✓			
.13	Dupe 24"		—			✓				✓	540	0.0	

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
CPM / ML	6/3/99 740				
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: ALL LOCATIONS HAND AUGERED

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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@mail1.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: M8 Landfill

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

Comments: MeOH / 4°C

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals	PEST PCB ASBN	%SOLID	VOA ID NUMBER	HNU qty	Remarks / Preservation Method
4533.14	230 6-12"	6/3/99	1009	Soil	2		✓	✓	✓			
.15	" 24"		1013		2	✓			✓	541	0.0	
.16	231 6-12"		1019				✓	✓	✓			Strg Methane odor
.17	" 24"		1024			✓			✓	542	0.0	
.18	232 6-12"		1029				✓	✓	✓			
.19	" 24"		1035			✓			✓	543	0.0	
.20	233 6-12"		1037				✓	✓	✓			
.21	" 24"		1041			✓			✓	544	0.0	
.22	234 6-12"		1046				✓	✓	✓			
.23	" 24"		1050			✓			✓	545	0.0	
.24	235 6-12"		1053				✓	✓	✓			
.25	" 24"		1057			✓			✓	546	0.6	
.26	236 6-12"		1109				✓	✓	✓			
.27	" 24"		1114			✓			✓	547	0.6	

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
CBm / ML	6/4/99 740				
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:

000053

print legibly

Custodydera.xls6/1/99

Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:appleby@mail1.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: MS Landfill

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

Comments: Meth / 4°C

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals	PEST PCB PAB N	%SOLID	VOA ID NUMBER	HNU PPM	Remarks / Preservation Method
4533 .28	237 6-12	6/3/99	1117	Soil	2		✓	✓	✓			
.29	4 24"		1124		2	✓			✓	548	0.0	
.30	238 6-12"		1131				✓	✓	✓			
.31	" 24"		1139			✓			✓	549	0.0	
.32	239 6-12"		1142				✓	✓	✓			
.33	" 24"		1149			✓			✓	550	0.0	
.34	240 6-12"		1325				✓	✓	✓			
.35	" 24"		1331			✓			✓	551	0.0	
.36	241 6-12"		1341				✓	✓	✓			
.37	" 24"		1349			✓			✓	553	0.0	
.38	242 6-12"		1355				✓	✓	✓			
.39	" 24"		1400			✓			✓	552	0.0	
.40	243 6-12"		1410				✓	✓	✓			
.41	" 24"		1415			✓	✓		✓	554	0.0	

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
CPM / ML	6/4/99 740				
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:

000054

print legibly

Custodydera.xls6/1/99

Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:appleby@mail1.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: M8 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 PAN	% SOLID	VOA ID NUMBER	HNU on VOA	Remarks / Preservation Method
1583.42	244 6-12"	6/3/99	1421	Soil	2		✓	✓	✓			
.43	" 24"		1427		2	✓			✓	555	0.0	
.44	245 6-12"		1429				✓	✓	✓			
.45	" 24"		1432			✓			✓	556	0.0	
.46	246 6-12"		1435				✓	✓	✓			
.47	" 24"		1440			✓			✓	557	0.0	
.48	247 6-12"		1437				✓	✓	✓			
.49	" 24"		1443			✓			✓	558	0.0	
.50	248 6-12"		1445				✓	✓	✓			
.51	" 24"		1449			✓			✓	559	0.0	
.52	249 6-12"		1450				✓	✓	✓			
.53	" 24"		1455			✓			✓	560	0.0	
.54	250 6-12"		1500				✓	✓	✓			
.55	" 24"	↓	1507	↓	↓	✓			✓	561	0.0	

Comments: Meth / 4°C

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
CPM / ML	6/4/99 740				
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:

S00055

print legibly

Custodydera.xls6/1999

GPS MAPS

LANDFILL COVER

M-8
Landfill Cover

Boring		Boring		Boring	
B1	Minimum 2 foot cap.	B11K	Minimum 2 foot cap.	B62	Minimum 1 foot cap.
B2	Minimum 2 foot cap.	B12L	Minimum 2 foot cap.	B63	Minimum 1 foot cap.
B3	Minimum 2 foot cap.	B13M	Minimum 2 foot cap.	B64	Minimum 2 inch cap.
B4	Minimum 2 foot cap.	B14N	Minimum 2 foot cap.	B65	Minimum 1 foot cap.
B5	Minimum 2 foot cap.	B15O	Minimum 2 foot cap.	B66	Minimum 2 foot cap.
B6	Minimum 2 foot cap.	B16P	Minimum 2 foot cap.	B67	Minimum 2 foot cap.
B7	Minimun 1 foot cap.	B17Q	Minimum 2 foot cap.	B68	Minimum 2 foot cap.
B8	Minimum1 foot cap.	B18R	Minimum 2 foot cap.	B69	Minimum 2 foot cap.
B9	Minimum1 foot cap.	B19S	Minimum 2 foot cap.	B70	Minimum 2 foot cap.
B10	Minimum 2 foot cap.	B20T	Minimum 2 foot cap.	B71	Minimum 2 foot cap.
B11	Minimum 2 inch cap.	B21U	Minimum 2 foot cap.	B72	Minimum 1 foot cap.
B12	Minimum 2 inch cap.	B22V	Minimum 1 foot cap.	B73	Minimum 2 foot cap.
B13	Minimum 2 inch cap.	B23W	Minimum 2 foot cap.	B74	Minimum 2 foot cap.
B14	Minimum 2 inch cap.	B24X	Minimum 1 foot cap.	B75	Minimum 2 foot cap.
B15	Minimum 2 inch cap.	B25Y	Minimum 1 foot cap.	B76	Minimum 2 foot cap.
B16	Minimum 2 inch cap.	B26Z	Minimum 1 foot cap.	B77	Minimum 2 foot cap.
B17	Minimum 2 foot cap.	B27AA	Minimum 2 foot cap.	B78	Minimum 2 foot cap.
B18	Minimum 2 foot cap.	B28BB	Minimum 2 foot cap.	B79	Minimum 2 inch cap.
B19	Minimum 2 inch cap.	B29CC	Minimum 2 foot cap.	B80	Minimum 2 inch cap.
B20	Minimum 2 inch cap.	B30DD	Minimum 2 foot cap.	B81	Minimum 2 foot cap.
B21	Minimum 2 inch cap.	B31EE	Minimum 2 foot cap.	B82	Minimum 2 foot cap.
B22	Minimum 2 inch cap.	B32FF	Minimum 2 foot cap.	B83	Minimum 2 foot cap.
B23	Minimum 2 inch cap.	B33GG	Minimum 2 foot cap.	B84	Minimum 2 foot cap.
B24	Minimum 1 foot cap.	B34HH	Minimum 2 foot cap.	B85	Minimum 1 foot cap.
B25	Minimum 2 inch cap.	B35II	Minimum 2 foot cap.	B86	Minimum 1 foot cap.
B26	Minimum 2 inch cap.	B36JJ	Minimum 2 foot cap.	B87	Minimum 1 foot cap.
B27	Minimum 2 inch cap.	B37KK	Minimum 2 foot cap.	B88	Minimum 2 foot cap.
B28	Minimum 2 foot cap.	B38LL	Minimum 2 foot cap.	B89	Minimum 2 foot cap.
B29	Minimum 1 foot cap.	B39MM	Minimum 2 foot cap.	B90	Minimum 2 foot cap.
B30	Minimum 4 inch cap.	B40NN	Minimum 2 foot cap.	B91	Minimum 2 foot cap.
B31	Minimum 4 inch cap.	B41OO	Minimum 1 foot cap.	B92	Minimum 2 foot cap.
B32	Minimum 2 inch cap.	B42PP	Minimum 2 foot cap.	B93	Minimum 2 foot cap.
B33	Minimum 2 inch cap.	B43	Minimum 2 foot cap.	B94	Minimum 2 foot cap.
B34	Minimum 2 foot cap.	B44	Minimum 2 foot cap.	B95	Minimum 2 foot cap.
B35	Minimum 2 foot cap.	B45	Minimum 2 foot cap.	B96	Minimum 1 foot cap.
B36	Minimum 2 inch cap.	B46	Minimum 2 inch cap.	B97	Minimum 2 foot cap.
B37	Minimum 2 foot cap.	B47	Minimum 2 foot cap.	B98	Minimum 1 foot cap.
B38	Minimum 2 foot cap.	B48	Minimum 2 inch cap.	B99	Minimum 2 foot cap.
B39	Minimum 2 foot cap.	B49	Minimum 2 foot cap.	B100	Minimum 2 foot cap.
B40	Minimum 2 foot cap.	B50	Minimum 2 foot cap.	B101	Minimum 2 foot cap.
B41	Minimum 2 foot cap.	B51	Minimum 2 foot cap.	B102	Minimum 2 foot cap.
B1A	Minimum 2 inch cap.	B52	Minimum 1 foot cap.	B103	Minimum 1 foot cap.
B2B	Minimum 2 foot cap.	B53	Minimum 1 foot cap.	B104	Minimum 1 foot cap.
B3C	Minimum 2 foot cap.	B54	Minimum 1 foot cap.	B105	Minimum 1 foot cap.
B4D	Minimum 2 foot cap.	B55	Minimum 2 inch cap.	B106	Minimum 1 foot cap.
B5E	Minimum 2 foot cap.	B56	Minimum 2 foot cap.	B107	Minimum 1 foot cap.
B6F	Minimum 2 foot cap.	B57	Minimum 2 foot cap.	B108	Minimum 2 foot cap.
B7G	Minimum 2 foot cap.	B58	Minimum 1 foot cap.	B109	Minimum 2 foot cap.
B8H	Minimum 2 foot cap.	B59	Minimum 1 foot cap.	B110	Minimum 1 foot cap.
B9I	Minimum 2 foot cap.	B60	Minimum 2 foot cap.	B111	Minimum 2 foot cap.
B10J	Minimum 2 foot cap.	B61	Minimum 2 foot cap.	B112	Minimum 2 foot cap.

M-8
Landfill Cover

Boring		Boring		Boring	
B113	Minimum 2 foot cap.	B164	Minimum 1 foot cap.	B215	Minimum 2 foot cap.
B114	Minimum 1 foot cap.	B165	Minimum 2 foot cap.	B216	Minimum 2 foot cap.
B115	Minimum 2 foot cap.	B166	Minimum 1 foot cap.	B217	Minimum 1 foot cap.
B116	Minimum 2 foot cap.	B167	Minimum 2 foot cap.	B218	Minimum 1 foot cap.
B117	Minimum 2 foot cap.	B168	Minimum 2 foot cap.	B219	Minimum 1 foot cap.
B118	Minimum 2 foot cap.	B169	Minimum 2 foot cap.	B220	Minimum 2 foot cap.
B119	Minimum 2 foot cap.	B170	Minimum 2 foot cap.	B221	Minimum 2 foot cap.
B120	Minimum 2 foot cap.	B171	Minimum 2 foot cap.	B222	Minimum 2 foot cap.
B121	Minimum 2 foot cap.	B172	Minimum 2 foot cap.	B223	Minimum 2 foot cap.
B122	Minimum 1 foot cap.	B173	Minimum 2 foot cap.	B224	Minimum 2 foot cap.
B123	Minimum 2 foot cap.	B174	Minimum 2 foot cap.	B225	Minimum 2 foot cap.
B124	Minimum 2 foot cap.	B175	Minimum 2 foot cap.	B226	Minimum 2 foot cap.
B125	Minimum 2 foot cap.	B176	Minimum 1 foot cap.	B227	Minimum 2 foot cap.
B126	Minimum 2 foot cap.	B177	Minimum 2 inch cap.	B228	Minimum 2 foot cap.
B127	Minimum 2 foot cap.	B178	Minimum 6 inch cap.	B229	Minimum 2 foot cap.
B128	Minimum 2 foot cap.	B179	Minimum 6 inch cap.	B230	Minimum 2 foot cap.
B129	Minimum 2 foot cap.	B180	Minimum 6 inch cap.	B231	Minimum 2 foot cap.
B130	Minimum 2 foot cap.	B181	Minimum 6 inch cap.	B232	Minimum 2 foot cap.
B131	Minimum 2 foot cap.	B182	Minimum 2 foot cap.	B233	Minimum 2 foot cap.
B132	Minimum 2 foot cap.	B183	Minimum 1 foot cap.	B234	Minimum 2 foot cap.
B133	Minimum 2 foot cap.	B184	Minimum 1 foot cap.	B235	Minimum 2 foot cap.
B134	Minimum 2 foot cap.	B185	Minimum 2 foot cap.	B236	Minimum 2 foot cap.
B135	Minimum 2 foot cap.	B186	Minimum 2 inch cap.	B237	Minimum 2 foot cap.
B136	Minimum 2 foot cap.	B187	Minimum 2 inch cap.	B238	Minimum 2 foot cap.
B137	Minimum 2 foot cap.	B188	Minimum 2 foot cap.	B239	Minimum 2 foot cap.
B138	Minimum 1 foot cap.	B189	Minimum 2 inch cap.	B240	Minimum 2 foot cap.
B139	Minimum 2 foot cap.	B190	Minimum 6 inch cap.	B241	Minimum 2 foot cap.
B140	Minimum 2 foot cap.	B191	Minimum 1 foot cap.	B242	Minimum 2 foot cap.
B141	Minimum 2 foot cap.	B192	Minimum 2 inch cap.	B243	Minimum 2 foot cap.
B142	Minimum 1 foot cap.	B193	Minimum 2 inch cap.	B244	Minimum 2 foot cap.
B143	Minimum 1 foot cap.	B194	Minimum 2 inch cap.	B245	Minimum 2 foot cap.
B144	Minimum 18 inch cap.	B195	Minimum 2 inch cap.	B246	Minimum 2 foot cap.
B145	Minimum 2 inch cap.	B196	Minimum 18 inch cap.	B247	Minimum 2 foot cap.
B146	Minimum 2 foot cap.	B197	Minimum 18 inch cap.	B248	Minimum 2 foot cap.
B147	Minimum 2 foot cap.	B198	Minimum 2 inch cap.	B249	Minimum 2 foot cap.
B148	Minimum 2 foot cap.	B199	Minimum 1 foot cap.	B250	Minimum 2 foot cap.
B149	Minimum 2 foot cap.	B200	Minimum 1 foot cap.		
B150	Minimum 2 foot cap.	B201	Minimum 1 foot cap.		
B151	Minimum 2 foot cap.	B202	Minimum 2 foot cap.		
B152	Minimum 2 foot cap.	B203	Minimum 2 foot cap.		
B153	Minimum 2 foot cap.	B204	Minimum 2 foot cap.		
B154	Minimum 2 foot cap.	B205	Minimum 2 foot cap.		
B155	Minimum 2 foot cap.	B206	Minimum 2 foot cap.		
B156	Minimum 2 foot cap.	B207	Minimum 2 foot cap.		
B157	Minimum 2 foot cap.	B208	Minimum 2 foot cap.		
B158	Minimum 2 foot cap.	B209	Minimum 2 foot cap.		
B159	Minimum 2 foot cap.	B210	Minimum 2 foot cap.		
B160	Minimum 1 foot cap.	B211	Minimum 2 foot cap.		
B161	Minimum 1 foot cap.	B212	Minimum 2 foot cap.		
B162	Minimum 1 foot cap.	B213	Minimum 2 foot cap.		
B163	Minimum 2 foot cap.	B214	Minimum 2 foot cap.		

FIELD DUPLICATE IDENTIFICATION

Field Duplicate Identification

Sample ID	Lab ID	Field Duplicate
M8-23 6-12"	4145.24	4145.36
M8-23 24"	4145.25	4145.37
M8-78 6-12"	4382.24	4382.26
M8-78 24"	4382.25	4382.27
M8-82 6-12"	4382.34	4382.36
M8-82 24"	4382.35	4382.37
M8-107 6-12"	4394.08	4394.24
M8-107 24"	4394.09	4394.25
M8-124 6-12"	4394.44	4394.46
M8-124 24"	4394.45	4394.47
M8-133 6-12"	4401.18	4401.38
M8-133 24"	4401.19	4401.39
M8-145 6-12"	4401.46	4401.40
M8-145 24"	4401.47	4401.41
M8-157 6-12"	4405.24	4405.26
M8-157 24"	4405.25	4405.27
M8-166 6-12"	4413.18	4413.28
M8-166 24"	4413.19	4413.29
M8-173 6-12"	4469.06	4469.12
M8-173 24"	4469.07	4469.13
M8-180 6-16"	4473.10	4473.12
M8-180 24"	4473.11	4473.13
M8-189 6-12"	4474.10	4474.12
M8-189 24"	4474.11	4474.13
M8-199 6-12"	4481.08	4481.12
M8-199 24"	4481.09	4481.13
M8-212 6-12"	4484.10	4484.12
M8-212 24"	4484.11	4484.13
M8-217 6-12"	4490.10	4490.12
M8-217 24"	4490.11	4490.13
M8-229 6-12"	4533.10	4533.12
M8-229 24"	4533.11	4533.13

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.

LABORATORY CHRONICLE

Laboratory Chronicle

Lab ID: 4045 **Site:** M-8

	Date	Hold Time
Date Sampled	11/10/98	NA
Receipt/Refrigeration	11/10/98	NA
Extractions		
1. Semivolatiles	11/13/98	14 Days
2. Pest/PCB's	11/12/98	14 Days
Analyses		
1. Volatile Organics	11/17/98	14 Days
2. Semivolatiles	12/01/98	40 Days
3. Pest/PCB's	12/16,19/98	40 Days
4. Metals	11/19/98	6 Months
5. Mercury	11/17/98	28 Days

Laboratory Chronicle

Lab ID: 4095 **Site:** M-8

	Date	Hold Time
Date Sampled	11/30/98	NA
Receipt/Refrigeration	11/30/98	NA
Extractions		
1. Semivolatiles	12/01/98	14 Days
2. Pest/PCB's	12/01/98	14 Days
Analyses		
1. Volatile Organics	12/02,03/98	14 Days
2. Semivolatiles	12/18/98	40 Days
3. Pest/PCB's	12/30/98	40 Days
4. Metals	12/03/98	6 Months
5. Mercury	12/03/98	28 Days

Laboratory Chronicle

Lab ID: 4145 **Site:** M-8

	Date	Hold Time
Date Sampled	12/16/98	NA
Receipt/Refrigeration	12/16/98	NA
Extractions		
1. Semivolatiles	12/18/98	14 Days
2. Pest/PCB's	12/18,21,24/98	14 Days
Analyses		
1. Volatile Organics	12/23,28/98	14 Days
2. Semivolatiles	01/05,06,07/99	40 Days
3. Pest/PCB's	01/13,21,22/99	40 Days
4. Metals	12/22/98	6 Months
5. Mercury	12/31/98	28 Days

Laboratory Chronicle

Lab ID: 4194 **Site:** M-8

	Date	Hold Time
Date Sampled	01/19/99	NA
Receipt/Refrigeration	01/19/99	NA
Extractions		
1. Semivolatiles	01/20,21/99	14 Days
2. Pest/PCB's	01/20,21/99	14 Days
Analyses		
1. Volatile Organics	01/26/99	14 Days
2. Semivolatiles	01/22,25,27/99	40 Days
3. Pest/PCB's	02/25/99	40 Days
4. Metals	01/25/99	6 Months
5. Mercury	01/22/99	28 Days

Laboratory Chronicle

Lab ID: 4351 **Site:** M-8

	Date	Hold Time
Date Sampled	03/16/99	NA
Reccipt/Refrigeration	03/16/99	NA
Extractions		
1. Semivolatiles	03/17/99	14 Days
2. Pest/PCB's	03/17/99	14 Days
Analyses		
1. Volatile Organics	03/23/99	14 Days
2. Semivolatiles	03/18,19/99	40 Days
3. Pest/PCB's	03/30/99	40 Days
4. Metals	03/18/99	6 Months
5. Mercury	03/18/99	28 Days

Laboratory Chronicle

Lab ID: 4354 **Site:** M-8

	Date	Hold Time
Date Sampled	03/17/99	NA
Receipt/Refrigeration	03/17/99	NA
Extractions		
1. Semivolatiles	03/19/99	14 Days
2. Pest/PCB's	03/18/99	14 Days
Analyses		
1. Volatile Organics	03/29,30/99	14 Days
2. Semivolatiles	03/22,23,24/99	40 Days
3. Pest/PCB's	04/07/99	40 Days
4. Metals	04/01/99	6 Months
5. Mercury	03/18/99	28 Days

Laboratory Chronicle

Lab ID: 4357 **Site:** M-8

	Date	Hold Time
Date Sampled	03/18/99	NA
Receipt/Refrigeration	03/18/99	NA
Extractions		
1. Semivolatiles	03/19,26/99	14 Days
2. Pest/PCB's	03/22/99	14 Days
Analyses		
1. Volatile Organics	03/31/99, 04/01/99	14 Days
2. Semivolatiles	03/24,25/99 04/01,05/99	40 Days
3. Pest/PCB's	04/07,08/99	40 Days
4. Metals	04/01/99	6 Months
5. Mercury	04/01/99	28 Days

Laboratory Chronicle

Lab ID: 4372 **Site:** M-8

	Date	Hold Time
Date Sampled	03/26/99	NA
Receipt/Refrigeration	03/26/99	NA
Extractions		
1. Semivolatiles	03/30/99	14 Days
2. Pest/PCB's	03/30/99	14 Days
Analyses		
1. Volatile Organics	04/02/99	14Days
2. Semivolatiles	04/02,05,06/99	40 Days
3. Pest/PCB's	04/27,28/99	40 Days
4. Metals	04/01/99	6 Months
5. Mercury	04/01/99	28 Days

Laboratory Chronicle

Lab ID: 4376 **Site:** M-8

	Date	Hold Time
Date Sampled	03/29/99	NA
Receipt/Refrigeration	03/29/99	NA
Extractions		
1. Semivolatiles	03/30,31/99	14 Days
2. Pest/PCB's	03/30/99, 04/01/99	14 Days
Analyses		
1. Volatile Organics	04/05,06/99	14Days
2. Semivolatiles	04/02,05,06,07,08/99	40 Days
3. Pest/PCB's	04/29,30/99	40 Days
4. Metals	04/08/99	6 Months
5. Mercury	04/06/99	28 Days

Laboratory Chronicle

Lab ID: 4382 **Site:** M-8

	Date	Hold Time
Date Sampled	03/30/99	NA
Receipt/Refrigeration	03/30/99	NA
Extractions		
1. Semivolatiles	03/31/99	14 Days
2. Pest/PCB's	04/01,02/99	14 Days
Analyses		
1. Volatile Organics	04/06,08,09/99	14 Days
2. Semivolatiles	04/02,05,06,07,08/99	40 Days
3. Pest/PCB's	05/03,04,05/99	40 Days
4. Metals	04/08/99	6 Months
5. Mercury	04/06/99	28 Days

Laboratory Chronicle

Lab ID: 4389 **Site:** M-8

	Date	Hold Time
Date Sampled	04/01/99	NA
Receipt/Refrigeration	04/01/99	NA
Extractions		
1. Semivolatiles	04/05/99	14 Days
2. Pest/PCB's	04/02,06/99	14 Days
Analyses		
1. Volatile Organics	04/06,07,08/99	14 Days
2. Semivolatiles	04/07,08,09/99	40 Days
3. Pest/PCB's	05/04,06/99	40 Days
4. Metals	04/08/99	6 Months
5. Mercury	04/06/99	28 Days

Laboratory Chronicle

Lab ID: 4394 **Site:** M-8

	Date	Hold Time
Date Sampled	04/05/99	NA
Receipt/Refrigeration	04/05/99	NA
Extractions		
1. Semivolatiles	04/07/99	14 Days
2. Pest/PCB's	04/06,08,12/99	14 Days
Analyses		
1. Volatile Organics	04/08,09,15/99	14 Days
2. Semivolatiles	04/08,09,12/99	40 Days
3. Pest/PCB's	05/06,07/99	40 Days
4. Metals	04/20/99	6 Months
5. Mercury	04/08/99	28 Days

Laboratory Chronicle

Lab ID: 4401 **Site:** M-8

	Date	Hold Time
Date Sampled	04/08/99	NA
Receipt/Refrigeration	04/08/99	NA
Extractions		
1. Semivolatiles	04/09,13/99	14 Days
2. Pest/PCB's	04/12/99	14 Days
Analyses		
1. Volatile Organics	04/15,19,20/99	14 Days
2. Semivolatiles	04/12,15,23,26/99	40 Days
3. Pest/PCB's	05/06,07,11,12/99	40 Days
4. Metals	04/20/99	6 Months
5. Mercury	04/13/99	28 Days

Laboratory Chronicle

Lab ID: 4405 **Site:** M-8

	Date	Hold Time
Date Sampled	04/09/99	NA
Receipt/Refrigeration	04/09/99	NA
Extractions		
1. Semivolatiles	04/13/99	14 Days
2. Pest/PCB's	04/12/99	14 Days
Analyses		
1. Volatile Organics	04/15/99	14 Days
2. Semivolatiles	04/15,16,17,26/99	40 Days
3. Pest/PCB's	05/11,13/99	40 Days
4. Metals	04/20/99	6 Months
5. Mercury	04/13/99	28 Days

Laboratory Chronicle

Lab ID: 4413 **Site:** M-8

	Date	Hold Time
Date Sampled	04/13/99	NA
Receipt/Refrigeration	04/13/99	NA
Extractions		
1. Semivolatiles	04/14,20/99	14 Days
2. Pest/PCB's	04/15/99	14 Days
Analyses		
1. Volatile Organics	04/22/99	14 Days
2. Semivolatiles	04/15,16,27,28/99	40 Days
3. Pest/PCB's	05/13,14/99	40 Days
4. Metals	04/20/99	6 Months
5. Mercury	04/23/99	28 Days

Laboratory Chronicle

Lab ID: 4469 **Site:** M-8

	Date	Hold Time
Date Sampled	05/07/99	NA
Receipt/Refrigeration	05/07/99	NA
Extractions		
1. Semivolatiles	05/11,13/99	14 Days
2. Pest/PCB's	05/12/99	14 Days
Analyses		
1. Volatile Organics	05/13/99	14 Days
2. Semivolatiles	05/13,17/99	40 Days
3. Pest/PCB's	05/19/99	40 Days
4. Metals	05/11/99	6 Months
5. Mercury	05/26/99	28 Days

Laboratory Chronicle

Lab ID: 4473 **Site:** M-8

	Date	Hold Time
Date Sampled	05/10/99	NA
Receipt/Refrigeration	05/10/99	NA
Extractions		
1. Semivolatiles	05/13,17/99	14 Days
2. Pest/PCB's	05/14/99	14 Days
Analyses		
1. Volatile Organics	05/17/99	14 Days
2. Semivolatiles	05/19,20/99	40 Days
3. Pest/PCB's	05/20,21/99	40 Days
4. Metals	06/10/99	6 Months
5. Mercury	06/09/99	28 Days

Laboratory Chronicle

Lab ID: 4474 **Site:** M-8

	Date	Hold Time
Date Sampled	05/11/99	NA
Receipt/Refrigeration	05/11/99	NA
Extractions		
1. Semivolatiles	05/11,17/99	14 Days
2. Pest/PCB's	05/14,18/99	14 Days
Analyses		
1. Volatile Organics	05/20/99	14 Days
2. Semivolatiles	05/17,20/99	40 Days
3. Pest/PCB's	05/21/99	40 Days
4. Metals	06/10/99	6 Months
5. Mercury	06/09/99	28 Days

Laboratory Chronicle

Lab ID: 4481 **Site:** M-8

	Date	Hold Time
Date Sampled	05/13/99	NA
Receipt/Refrigeration	05/13/99	NA
Extractions		
1. Semivolatiles	05/17,20/99	14 Days
2. Pest/PCB's	05/19/99	14 Days
Analyses		
1. Volatile Organics	05/19/99	14 Days
2. Semivolatiles	05/24,25/99	40 Days
3. Pest/PCB's	05/25,26/99	40 Days
4. Metals	06/10/99	6 Months
5. Mercury	06/10/99	28 Days

Laboratory Chronicle

Lab ID: 4484 **Site:** M-8

	Date	Hold Time
Date Sampled	05/14/99	NA
Receipt/Refrigeration	05/14/99	NA
Extractions		
1. Semivolatiles	05/20/99	14 Days
2. Pest/PCB's	05/19/99	14 Days
Analyses		
1. Volatile Organics	05/20/99	14 Days
2. Semivolatiles	05/25,26/99	40 Days
3. Pest/PCB's	05/26/99	40 Days
4. Metals	06/10/99	6 Months
5. Mercury	06/10/99	28 Days

Laboratory Chronicle

Lab ID: 4490 **Site:** M-8

	Date	Hold Time
Date Sampled	05/17/99	NA
Receipt/Refrigeration	05/17/99	NA
Extractions		
1. Semivolatiles	05/20,24/99	14 Days
2. Pest/PCB's	05/19,21/99	14 Days
Analyses		
1. Volatile Organics	05/20,21/99	14 Days
2. Semivolatiles	06/03,04/99	40 Days
3. Pest/PCB's	05/28/99 06/01/99	40 Days
4. Metals	06/10/99	6 Months
5. Mercury	06/10/99	28 Days

Laboratory Chronicle

Lab ID: 4533 **Site:** M-8

	Date	Hold Time
Date Sampled	06/03/99	NA
Receipt/Refrigeration	06/04/99*	NA
Extractions		
1. Semivolatiles	06/07,15/99	14 Days
2. Pest/PCB's	06/08,14,16/99	14 Days
Analyses		
1. Volatile Organics	06/10,14,15/99	14 Days
2. Semivolatiles	06/16,17,21,22/99	40 Days
3. Pest/PCB's	06/25,26/99 07/09,10/99	40 Days
4. Metals	07/14/99	6 Months
5. Mercury	06/14/99	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
E	: Compound exceeds calibration limit

ANALYTICAL RESULTS

VOLATILE ORGANICS

METHOD BLANKS

1A

FIELD ID

VOLATILE ORGANICS ANALYSIS DATA SHEET

VBLK119

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4045 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: VBLK119

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05048.D

Level: (low/med) MED Date Received: 11/10/98

% Moisture: not dec. 0 Date Analyzed: 11/17/98

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: **VBLK119**

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4045 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: VBLK119

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05048.D

Level: (low/med) MED Date Received: 11/10/98

% Moisture: not dec. 0 Date Analyzed: 11/17/98

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: **VBLK119**

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4045 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: VBLK119

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05048.D

Level: (low/med) MED Date Received: 11/10/98

% Moisture: not dec. 0 Date Analyzed: 11/17/98

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: **Vblk125**

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4095 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: Vblk125

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05152.D

Level: (low/med) MED Date Received: 11/30/98

% Moisture: not dec. 0 Date Analyzed: 12/02/98

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: **Vblk125**

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4095 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: Vblk125

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05152.D

Level: (low/med) MED Date Received: 11/30/98

% Moisture: not dec. 0 Date Analyzed: 12/02/98

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: **Vblk125**

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4095 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: Vblk125

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05152.D

Level: (low/med) MED Date Received: 11/30/98

% Moisture: not dec. 0 Date Analyzed: 12/02/98

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

FIELD ID

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk126

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4095 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: Vblk126

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05171.D

Level: (low/med) MED Date Received: 11/30/98

% Moisture: not dec. 0 Date Analyzed: 12/03/98

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: **Vblk126**

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4095 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: Vblk126

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05171.D

Level: (low/med) MED Date Received: 11/30/98

% Moisture: not dec. 0 Date Analyzed: 12/03/98

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: **Vblk126**

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4095 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: Vblk126

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05171.D

Level: (low/med) MED Date Received: 11/30/98

% Moisture: not dec. 0 Date Analyzed: 12/03/98

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

FIELD ID

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk134

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4145 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: Vblk134

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05313.D

Level: (low/med) MED Date Received: 12/15/98

% Moisture: not dec. 0 Date Analyzed: 12/23/98

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: **Vblk134**

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4145 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: Vblk134

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05313.D

Level: (low/med) MED Date Received: 12/15/98

% Moisture: not dec. 0 Date Analyzed: 12/23/98

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: **Vblk134**

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4145 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: Vblk134

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05313.D

Level: (low/med) MED Date Received: 12/15/98

% Moisture: not dec. 0 Date Analyzed: 12/23/98

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: **Vblk136**

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4145 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: Vblk136

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05331.D

Level: (low/med) MED Date Received: 12/15/98

% Moisture: not dec. 0 Date Analyzed: 12/28/98

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

CAS NO.	COMPOUND	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	11000	
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: **Vblk136**

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4145 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: Vblk136

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05331.D

Level: (low/med) MED Date Received: 12/15/98

% Moisture: not dec. 0 Date Analyzed: 12/28/98

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: **Vblk136**

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4145 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: Vblk136

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05331.D

Level: (low/med) MED Date Received: 12/15/98

% Moisture: not dec. 0 Date Analyzed: 12/28/98

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: 1

	CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	000110-54-3	Hexane	14.24	3600	JN

1A

FIELD ID

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk148

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4194 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: Vblk148

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05561.D

Level: (low/med) MED Date Received: 01/19/99

% Moisture: not dec. 0 Date Analyzed: 01/26/99

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: **Vblk148**

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4194 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: Vblk148

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05561.D

Level: (low/med) MED Date Received: 01/19/99

% Moisture: not dec. 0 Date Analyzed: 01/26/99

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
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: **Vblk148**

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4194 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: Vblk148

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05561.D

Level: (low/med) MED Date Received: 01/19/99

% Moisture: not dec. 0 Date Analyzed: 01/26/99

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

000412

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk96

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4351 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: Vblk96

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB03102.D

Level: (low/med) MED Date Received: 3/16/99

% Moisture: not dec. 0 Date Analyzed: 3/22/99

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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk96

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4351 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: Vblk96

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB03102.D

Level: (low/med) MED Date Received: 3/16/99

% Moisture: not dec. 0 Date Analyzed: 3/22/99

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.

Vblk96

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4351 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: Vblk96

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB03102.D

Level: (low/med) MED Date Received: 3/16/99

% Moisture: not dec. 0 Date Analyzed: 3/22/99

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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk97

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4351 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: Vblk97

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB03120.D

Level: (low/med) MED Date Received: 3/16/99

% Moisture: not dec. 0 Date Analyzed: 3/23/99

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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk97

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4351 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: Vblk97

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB03120.D

Level: (low/med) MED Date Received: 3/16/99

% Moisture: not dec. 0 Date Analyzed: 3/23/99

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.

Vblk97

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4351 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: Vblk97

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB03120.D

Level: (low/med) MED Date Received: 3/16/99

% Moisture: not dec. 0 Date Analyzed: 3/23/99

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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk98

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4354 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: Vblk98

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB03229.D

Level: (low/med) MED Date Received: 3/17/99

% Moisture: not dec. 0 Date Analyzed: 3/29/99

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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk98

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4354 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: Vblk98

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB03229.D

Level: (low/med) MED Date Received: 3/17/99

% Moisture: not dec. 0 Date Analyzed: 3/29/99

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.

Vblk98

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4354 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: Vblk98

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB03229.D

Level: (low/med) MED Date Received: 3/17/99

% Moisture: not dec. 0 Date Analyzed: 3/29/99

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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk99

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4354 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: Vblk99

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB03242.D

Level: (low/med) MED Date Received: 3/17/99

% Moisture: not dec. 0 Date Analyzed: 3/30/99

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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk99

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4354 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: Vblk99

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB03242.D

Level: (low/med) MED Date Received: 3/17/99

% Moisture: not dec. 0 Date Analyzed: 3/30/99

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.

Vblk99

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4354 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: Vblk99

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB03242.D

Level: (low/med) MED Date Received: 3/17/99

% Moisture: not dec. 0 Date Analyzed: 3/30/99

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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk101

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4357 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: Vblk101

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB03281.D

Level: (low/med) MED Date Received: 3/18/99

% Moisture: not dec. 0 Date Analyzed: 3/31/99

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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk101

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4357 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: Vblk101

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB03281.D

Level: (low/med) MED Date Received: 3/18/99

% Moisture: not dec. 0 Date Analyzed: 3/31/99

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.

Vblk101

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4357 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: Vblk101

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB03281.D

Level: (low/med) MED Date Received: 3/18/99

% Moisture: not dec. 0 Date Analyzed: 3/31/99

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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk102

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4357 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: Vblk101

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB03294.D

Level: (low/med) MED Date Received: 3/18/99

% Moisture: not dec. 0 Date Analyzed: 3/31/99

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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk102

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4357 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: Vblk101

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB03294.D

Level: (low/med) MED Date Received: 3/18/99

% Moisture: not dec. 0 Date Analyzed: 3/31/99

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.

Vblk102

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4357 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: Vblk101

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB03294.D

Level: (low/med) MED Date Received: 3/18/99

% Moisture: not dec. 0 Date Analyzed: 3/31/99

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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk161

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4372 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: Vblk161

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA005968.D

Level: (low/med) MED Date Received: 3/26/99

% Moisture: not dec. 0 Date Analyzed: 4/2/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
107028	Acrolein	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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk161

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4372 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: Vblk161

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA005968.D

Level: (low/med) MED Date Received: 3/26/99

% Moisture: not dec. 0 Date Analyzed: 4/2/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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.

Vblk161

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4372 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: Vblk161

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA005968.D

Level: (low/med) MED Date Received: 3/26/99

% Moisture: not dec. 0 Date Analyzed: 4/2/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

000433

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk162

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4372 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: Vblk162

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA005988.D

Level: (low/med) MED Date Received: 3/26/99

% Moisture: not dec. 0 Date Analyzed: 4/5/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	Q
107028	Acrolein	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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk162

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4372 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: Vblk162

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA005988.D

Level: (low/med) MED Date Received: 3/26/99

% Moisture: not dec. 0 Date Analyzed: 4/5/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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.

Vblk162

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4372 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: Vblk162

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA005988.D

Level: (low/med) MED Date Received: 3/26/99

% Moisture: not dec. 0 Date Analyzed: 4/5/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk163

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4382 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: Vblk163

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006009.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 0 Date Analyzed: 4/6/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil 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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk163

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4382 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: Vblk163

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006009.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 0 Date Analyzed: 4/6/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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.

Vblk163

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4382 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: Vblk163

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006009.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 0 Date Analyzed: 4/6/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk164

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4382 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: Vblk164

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006031.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 0 Date Analyzed: 4/8/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil 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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk164

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk164

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006031.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 0 Date Analyzed: 4/8/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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.

Vblk164

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4382 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: Vblk164

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006031.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 0 Date Analyzed: 4/8/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

000442

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk165

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4382 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: Vblk165

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006052.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 0 Date Analyzed: 4/9/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil 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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk165

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4382 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: Vblk165

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006052.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 0 Date Analyzed: 4/9/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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.

Vblk165

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4382 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: Vblk165

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006052.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 0 Date Analyzed: 4/9/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk106

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4389 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: Vblk106

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB03388.D

Level: (low/med) MED Date Received: 4/1/99

% Moisture: not dec. 0 Date Analyzed: 4/6/99

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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk106

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4389 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: Vblk106

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB03388.D

Level: (low/med) MED Date Received: 4/1/99

% Moisture: not dec. 0 Date Analyzed: 4/6/99

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.

Vblk106

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4389 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: Vblk106

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB03388.D

Level: (low/med) MED Date Received: 4/1/99

% Moisture: not dec. 0 Date Analyzed: 4/6/99

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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk107

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4394 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: Vblk107

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB003412.D

Level: (low/med) MED Date Received: 4/5/99

% Moisture: not dec. 0 Date Analyzed: 4/8/99

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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk107

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4394 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: Vblk107

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB003412.D

Level: (low/med) MED Date Received: 4/5/99

% Moisture: not dec. 0 Date Analyzed: 4/8/99

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.

Vblk107

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4394 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: Vblk107

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB003412.D

Level: (low/med) MED Date Received: 4/5/99

% Moisture: not dec. 0 Date Analyzed: 4/8/99

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

000451

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk108

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4394 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: Vblk108

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB003430.D

Level: (low/med) MED Date Received: 4/5/99

% Moisture: not dec. 0 Date Analyzed: 4/9/99

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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk108

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4394 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: Vblk108

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB003430.D

Level: (low/med) MED Date Received: 4/5/99

% Moisture: not dec. 0 Date Analyzed: 4/9/99

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.

Vblk108

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4394 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: Vblk108

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB003430.D

Level: (low/med) MED Date Received: 4/5/99

% Moisture: not dec. 0 Date Analyzed: 4/9/99

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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk166

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4401 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: Vblk166

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006072.D

Level: (low/med) MED Date Received: 4/8/99

% Moisture: not dec. 0 Date Analyzed: 4/15/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil 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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk166

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4401 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: Vblk166

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006072.D

Level: (low/med) MED Date Received: 4/8/99

% Moisture: not dec. 0 Date Analyzed: 4/15/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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.

Vblk166

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4401 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: Vblk166

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006072.D

Level: (low/med) MED Date Received: 4/8/99

% Moisture: not dec. 0 Date Analyzed: 4/15/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk110

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4401 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: Vblk110

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB003507.D

Level: (low/med) MED Date Received: 4/8/99

% Moisture: not dec. 0 Date Analyzed: 4/19/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil 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	1000	
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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk110

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4401 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: Vblk110

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB003507.D

Level: (low/med) MED Date Received: 4/8/99

% Moisture: not dec. 0 Date Analyzed: 4/19/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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.

Vblk110

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4401 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: Vblk110

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB003507.D

Level: (low/med) MED Date Received: 4/8/99

% Moisture: not dec. 0 Date Analyzed: 4/19/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk109

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4405 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: Vblk109

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB003458.D

Level: (low/med) MED Date Received: 4/9/99

% Moisture: not dec. 0 Date Analyzed: 4/15/99

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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk109

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4405 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: Vblk109

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB003458.D

Level: (low/med) MED Date Received: 4/9/99

% Moisture: not dec. 0 Date Analyzed: 4/15/99

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.

Vblk109

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4405 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: Vblk109

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB003458.D

Level: (low/med) MED Date Received: 4/9/99

% Moisture: not dec. 0 Date Analyzed: 4/15/99

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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk168

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4413 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: vblk168

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006117.D

Level: (low/med) MED Date Received: 4/13/99

% Moisture: not dec. 0 Date Analyzed: 4/22/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil 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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk168

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4413 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: vblk168

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006117.D

Level: (low/med) MED Date Received: 4/13/99

% Moisture: not dec. 0 Date Analyzed: 4/22/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
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.

Vblk168

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4413 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: vblk168

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006117.D

Level: (low/med) MED Date Received: 4/13/99

% Moisture: not dec. 0 Date Analyzed: 4/22/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	10.12	4500	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk169

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4413 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk169

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006135.D

Level: (low/med) MED Date Received: 4/13/99

% Moisture: not dec. 0 Date Analyzed: 4/23/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil 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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk169

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4413 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk169

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006135.D

Level: (low/med) MED Date Received: 4/13/99

% Moisture: not dec. 0 Date Analyzed: 4/23/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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.

Vblk169

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4413 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk169

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006135.D

Level: (low/med) MED Date Received: 4/13/99

% Moisture: not dec. 0 Date Analyzed: 4/23/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk180

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4469 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk180

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006352.D

Level: (low/med) MED Date Received: 5/7/99

% Moisture: not dec. 0 Date Analyzed: 5/13/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk180

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4469 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk180

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006352.D

Level: (low/med) MED Date Received: 5/7/99

% Moisture: not dec. 0 Date Analyzed: 5/13/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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.

Vblk180

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4469 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk180

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006352.D

Level: (low/med) MED Date Received: 5/7/99

% Moisture: not dec. 0 Date Analyzed: 5/13/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	10.10	2200	JN

000472

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk182

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4473 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk182

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006399.D

Level: (low/med) MED Date Received: 5/10/99

% Moisture: not dec. 0 Date Analyzed: 5/17/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk182

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4473 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk182

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006399.D

Level: (low/med) MED Date Received: 5/10/99

% Moisture: not dec. 0 Date Analyzed: 5/17/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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.

Vblk182

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4473 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk182

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006399.D

Level: (low/med) MED Date Received: 5/10/99

% Moisture: not dec. 0 Date Analyzed: 5/17/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	10.12	2300	JN

000475

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk01

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4474 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VC000119.D

Level: (low/med) MED Date Received: 5/11/99

% Moisture: not dec. 0 Date Analyzed: 5/20/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk01

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4474 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VC000119.D

Level: (low/med) MED Date Received: 5/11/99

% Moisture: not dec. 0 Date Analyzed: 5/20/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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.

Vblk01

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4474 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VC000119.D

Level: (low/med) MED Date Received: 5/11/99

% Moisture: not dec. 0 Date Analyzed: 5/20/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk184

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4481 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk184

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006434.D

Level: (low/med) MED Date Received: 5/13/99

% Moisture: not dec. 0 Date Analyzed: 5/19/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk184

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4481 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk184

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006434.D

Level: (low/med) MED Date Received: 5/13/99

% Moisture: not dec. 0 Date Analyzed: 5/19/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
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.

Vblk184

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4481 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk184

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006434.D

Level: (low/med) MED Date Received: 5/13/99

% Moisture: not dec. 0 Date Analyzed: 5/19/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	10.12	2000	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk185

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4484 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk185

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006463.D

Level: (low/med) MED Date Received: 5/14/99

% Moisture: not dec. 0 Date Analyzed: 5/20/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk185

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4484 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk185

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006463.D

Level: (low/med) MED Date Received: 5/14/99

% Moisture: not dec. 0 Date Analyzed: 5/20/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
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.

Vblk185

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4484 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk185

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006463.D

Level: (low/med) MED Date Received: 5/14/99

% Moisture: not dec. 0 Date Analyzed: 5/20/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk02

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4490 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk02

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VC000137.D

Level: (low/med) MED Date Received: 5/17/99

% Moisture: not dec. 0 Date Analyzed: 5/20/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk02

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4490 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk02

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VC000137.D

Level: (low/med) MED Date Received: 5/17/99

% Moisture: not dec. 0 Date Analyzed: 5/20/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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.

Vblk02

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4490 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk02

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VC000137.D

Level: (low/med) MED Date Received: 5/17/99

% Moisture: not dec. 0 Date Analyzed: 5/20/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

000487

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk192

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk192

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006613.D

Level: (low/med) MED Date Received: 6/4/99

% Moisture: not dec. 0 Date Analyzed: 6/10/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk192

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk192

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006613.D

Level: (low/med) MED Date Received: 6/4/99

% Moisture: not dec. 0 Date Analyzed: 6/10/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
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.

Vblk192

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk192

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006613.D

Level: (low/med) MED Date Received: 6/4/99

% Moisture: not dec. 0 Date Analyzed: 6/10/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	10.00	1900	JN

000490

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk194

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk194

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006665.D

Level: (low/med) MED Date Received: 6/4/99

% Moisture: not dec. 0 Date Analyzed: 6/14/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk194

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk194

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006665.D

Level: (low/med) MED Date Received: 6/4/99

% Moisture: not dec. 0 Date Analyzed: 6/14/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
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.

Vblk194

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk194

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006665.D

Level: (low/med) MED Date Received: 6/4/99

% Moisture: not dec. 0 Date Analyzed: 6/14/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	10.03	2100	JN

000493

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk195

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk195

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006672.D

Level: (low/med) MED Date Received: 6/4/99

% Moisture: not dec. 0 Date Analyzed: 6/15/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil 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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk195

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk195

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006672.D

Level: (low/med) MED Date Received: 6/4/99

% Moisture: not dec. 0 Date Analyzed: 6/15/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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.

Vblk195

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk195

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006672.D

Level: (low/med) MED Date Received: 6/4/99

% Moisture: not dec. 0 Date Analyzed: 6/15/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	10.03	2400	JN

DC 0496

TRIP BLANKS

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID: **Trip Blank**

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4045 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4045.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05050.D

Level: (low/med) MED Date Received: 11/10/98

% Moisture: not dec. 0 Date Analyzed: 11/17/98

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: **Trip Blank**

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4045 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4045.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05050.D

Level: (low/med) MED Date Received: 11/10/98

% Moisture: not dec. 0 Date Analyzed: 11/17/98

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
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 FIELD ID

TENTATIVELY IDENTIFIED COMPOUNDS

Trip Blank

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4045 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4045.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05050.D

Level: (low/med) MED Date Received: 11/10/98

% Moisture: not dec. 0 Date Analyzed: 11/17/98

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.: 4095 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4095.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05163.D

Level: (low/med) MED Date Received: 11/30/98

% Moisture: not dec. 0 Date Analyzed: 12/02/98

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: **Trip Blank**

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4095 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4095.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05163.D

Level: (low/med) MED Date Received: 11/30/98

% Moisture: not dec. 0 Date Analyzed: 12/02/98

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.: 4095 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4095.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05163.D

Level: (low/med) MED Date Received: 11/30/98

% Moisture: not dec. 0 Date Analyzed: 12/02/98

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

000503

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID: **Trip Blank**

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4145 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4145.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05322.D

Level: (low/med) MED Date Received: 12/15/98

% Moisture: not dec. 0 Date Analyzed: 12/23/98

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	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	420	J
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.: 4145 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4145.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05322.D

Level: (low/med) MED Date Received: 12/15/98

% Moisture: not dec. 0 Date Analyzed: 12/23/98

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.: 4145 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4145.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05322.D

Level: (low/med) MED Date Received: 12/15/98

% Moisture: not dec. 0 Date Analyzed: 12/23/98

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.: 4194 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4194.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05562.D

Level: (low/med) MED Date Received: 01/19/99

% Moisture: not dec. 0 Date Analyzed: 01/26/99

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.: 4194 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4194.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05562.D

Level: (low/med) MED Date Received: 01/19/99

% Moisture: not dec. 0 Date Analyzed: 01/26/99

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.: 4194 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4194.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05562.D

Level: (low/med) MED Date Received: 01/19/99

% Moisture: not dec. 0 Date Analyzed: 01/26/99

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

000509

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Trip Blank

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4351 SDG No: Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4351.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB03113.D

Level: (low/med) MED Date Received: 3/16/99

% Moisture: not dec. 0 Date Analyzed: 3/22/99

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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Trip Blank

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4351 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4351.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB03113.D

Level: (low/med) MED Date Received: 3/16/99

% Moisture: not dec. 0 Date Analyzed: 3/22/99

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.: 4351 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4351.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB03113.D

Level: (low/med) MED Date Received: 3/16/99

% Moisture: not dec. 0 Date Analyzed: 3/22/99

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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Trip Blank

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4354 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4354.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB03233.D

Level: (low/med) MED Date Received: 3/17/99

% Moisture: not dec. 0 Date Analyzed: 3/29/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Trip Blank

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4354 SDG No: Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4354.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB03233.D

Level: (low/med) MED Date Received: 3/17/99

% Moisture: not dec. 0 Date Analyzed: 3/29/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
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.: 4354 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4354.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB03233.D

Level: (low/med) MED Date Received: 3/17/99

% Moisture: not dec. 0 Date Analyzed: 3/29/99

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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Trip Blank

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4357 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4357.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB03305.D

Level: (low/med) MED Date Received: 3/18/99

% Moisture: not dec. 0 Date Analyzed: 4/1/99

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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Trip Blank

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4357 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4357.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB03305.D

Level: (low/med) MED Date Received: 3/18/99

% Moisture: not dec. 0 Date Analyzed: 4/1/99

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.: 4357 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4357.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB03305.D

Level: (low/med) MED Date Received: 3/18/99

% Moisture: not dec. 0 Date Analyzed: 4/1/99

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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4372 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4372.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA005991.D

Level: (low/med) MED Date Received: 3/26/99

% Moisture: not dec. 0 Date Analyzed: 4/5/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	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	1200	
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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4372 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4372.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA005991.D

Level: (low/med) MED Date Received: 3/26/99

% Moisture: not dec. 0 Date Analyzed: 4/5/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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.: 4372 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4372.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA005991.D

Level: (low/med) MED Date Received: 3/26/99

% Moisture: not dec. 0 Date Analyzed: 4/5/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4376.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA005999.D

Level: (low/med) MED Date Received: 3/29/99

% Moisture: not dec. 0 Date Analyzed: 4/5/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	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	1200	
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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4376.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA005999.D

Level: (low/med) MED Date Received: 3/29/99

% Moisture: not dec. 0 Date Analyzed: 4/5/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4376.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA005999.D

Level: (low/med) MED Date Received: 3/29/99

% Moisture: not dec. 0 Date Analyzed: 4/5/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006032.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 0 Date Analyzed: 4/8/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil 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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006032.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 0 Date Analyzed: 4/8/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006032.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 0 Date Analyzed: 4/8/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Trip Blank

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4389 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4389.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB03389.D

Level: (low/med) MED Date Received: 4/1/99

% Moisture: not dec. 0 Date Analyzed: 4/6/99

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	770	
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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Trip Blank

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4389 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4389.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB03389.D

Level: (low/med) MED Date Received: 4/1/99

% Moisture: not dec. 0 Date Analyzed: 4/6/99

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.: 4389 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4389.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB03389.D

Level: (low/med) MED Date Received: 4/1/99

% Moisture: not dec. 0 Date Analyzed: 4/6/99

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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Trip Blank

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4394 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4394.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB003416.D

Level: (low/med) MED Date Received: 4/5/99

% Moisture: not dec. 0 Date Analyzed: 4/8/99

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

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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Trip Blank

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4394 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4394.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB003416.D

Level: (low/med) MED Date Received: 4/5/99

% Moisture: not dec. 0 Date Analyzed: 4/8/99

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.: 4394 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4394.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB003416.D

Level: (low/med) MED Date Received: 4/5/99

% Moisture: not dec. 0 Date Analyzed: 4/8/99

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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006076.D

Level: (low/med) MED Date Received: 4/8/99

% Moisture: not dec. 0 Date Analyzed: 4/15/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006076.D

Level: (low/med) MED Date Received: 4/8/99

% Moisture: not dec. 0 Date Analyzed: 4/15/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
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.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006076.D

Level: (low/med) MED Date Received: 4/8/99

% Moisture: not dec. 0 Date Analyzed: 4/15/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

000536

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Trip Blank

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4405 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4405.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB003459.D

Level: (low/med) MED Date Received: 4/9/99

% Moisture: not dec. 0 Date Analyzed: 4/15/99

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

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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Trip Blank

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4405 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4405.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB003459.D

Level: (low/med) MED Date Received: 4/9/99

% Moisture: not dec. 0 Date Analyzed: 4/15/99

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.: 4405 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4405.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB003459.D

Level: (low/med) MED Date Received: 4/9/99

% Moisture: not dec. 0 Date Analyzed: 4/15/99

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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4413 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4413.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006118.D

Level: (low/med) MED Date Received: 4/13/99

% Moisture: not dec. 0 Date Analyzed: 4/22/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil 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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4413 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4413.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006118.D

Level: (low/med) MED Date Received: 4/13/99

% Moisture: not dec. 0 Date Analyzed: 4/22/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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.: 4413 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4413.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006118.D

Level: (low/med) MED Date Received: 4/13/99

% Moisture: not dec. 0 Date Analyzed: 4/22/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4469 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4469.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006361.D

Level: (low/med) MED Date Received: 5/7/99

% Moisture: not dec. 0 Date Analyzed: 5/13/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4469 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4469.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006361.D

Level: (low/med) MED Date Received: 5/7/99

% Moisture: not dec. 0 Date Analyzed: 5/13/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
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.: 4469 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4469.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006361.D

Level: (low/med) MED Date Received: 5/7/99

% Moisture: not dec. 0 Date Analyzed: 5/13/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	10.11	2000	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4473 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4473.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006408.D

Level: (low/med) MED Date Received: 5/10/99

% Moisture: not dec. 0 Date Analyzed: 5/17/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4473 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4473.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006408.D

Level: (low/med) MED Date Received: 5/10/99

% Moisture: not dec. 0 Date Analyzed: 5/17/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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.: 4473 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4473.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006408.D

Level: (low/med) MED Date Received: 5/10/99

% Moisture: not dec. 0 Date Analyzed: 5/17/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	10.11	3900	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4474 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4474.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VC000120.D

Level: (low/med) MED Date Received: 5/11/99

% Moisture: not dec. 0 Date Analyzed: 5/20/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil 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	2200	
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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4474 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4474.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VC000120.D

Level: (low/med) MED Date Received: 5/11/99

% Moisture: not dec. 0 Date Analyzed: 5/20/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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.: 4474 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4474.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VC000120.D

Level: (low/med) MED Date Received: 5/11/99

% Moisture: not dec. 0 Date Analyzed: 5/20/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000075-07-0	Acetaldehyde	6.83	920	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4481 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4481.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006435.D

Level: (low/med) MED Date Received: 5/13/99

% Moisture: not dec. 0 Date Analyzed: 5/19/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4481 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4481.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006435.D

Level: (low/med) MED Date Received: 5/13/99

% Moisture: not dec. 0 Date Analyzed: 5/19/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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.: 4481 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4481.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006435.D

Level: (low/med) MED Date Received: 5/13/99

% Moisture: not dec. 0 Date Analyzed: 5/19/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	10.10	2800	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4484 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4484.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006464.D

Level: (low/med) MED Date Received: 5/14/99

% Moisture: not dec. 0 Date Analyzed: 5/20/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil 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	1300	
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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4484 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4484.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006464.D

Level: (low/med) MED Date Received: 5/14/99

% Moisture: not dec. 0 Date Analyzed: 5/20/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
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.: 4484 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4484.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006464.D

Level: (low/med) MED Date Received: 5/14/99

% Moisture: not dec. 0 Date Analyzed: 5/20/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4490 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4490.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VC000138.D

Level: (low/med) MED Date Received: 5/17/99

% Moisture: not dec. 0 Date Analyzed: 5/20/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4490 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4490.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VC000138.D

Level: (low/med) MED Date Received: 5/17/99

% Moisture: not dec. 0 Date Analyzed: 5/20/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
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.: 4490 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4490.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VC000138.D

Level: (low/med) MED Date Received: 5/17/99

% Moisture: not dec. 0 Date Analyzed: 5/20/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	5.86	1200	J

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4533.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006618.D

Level: (low/med) MED Date Received: 6/4/99

% Moisture: not dec. 0 Date Analyzed: 6/10/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4533.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006618.D

Level: (low/med) MED Date Received: 6/4/99

% Moisture: not dec. 0 Date Analyzed: 6/10/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
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.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4533.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006618.D

Level: (low/med) MED Date Received: 6/4/99

% Moisture: not dec. 0 Date Analyzed: 6/10/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	10.00	2200	JN

FIELD DUPLICATES

1A

FIELD ID

VOLATILE ORGANICS ANALYSIS DATA SHEET

Field Dup.

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4145 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4145.37

Sample wt/vol: 10.4 (g/ml) G Lab File ID: V05345.D

Level: (low/med) MED Date Received: 12/15/98

% Moisture: not dec. 36.49 Date Analyzed: 12/28/98

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

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2600	U
107131	Acrylonitrile	2600	U
75650	tert-Butyl alcohol	4900	U
1634044	Methyl-tert-Butyl ether	1100	U
108203	Di-isopropyl ether	760	U
	Dichlorodifluoromethane	1500	U
74-87-3	Chloromethane	380	U
75-01-4	Vinyl Chloride	1100	U
74-83-9	Bromomethane	760	U
75-00-3	Chloroethane	1100	U
75-69-4	Trichlorofluoromethane	760	U
75-35-4	1,1-Dichloroethene	380	U
67-64-1	Acetone	760	U
75-15-0	Carbon Disulfide	380	U
75-09-2	Methylene Chloride	4400	
156-60-5	trans-1,2-Dichloroethene	760	U
75-35-3	1,1-Dichloroethane	380	U
108-05-4	Vinyl Acetate	1100	U
78-93-3	2-Butanone	1100	U
	cis-1,2-Dichloroethene	380	U
67-66-3	Chloroform	380	U
75-55-6	1,1,1-Trichloroethane	380	U
56-23-5	Carbon Tetrachloride	760	U
71-43-2	Benzene	380	U
107-06-2	1,2-Dichloroethane	760	U
79-01-6	Trichloroethene	380	U
78-87-5	1,2-Dichloropropane	380	U
75-27-4	Bromodichloromethane	380	U
110-75-8	2-Chloroethyl vinyl ether	760	U
10061-01-5	cis-1,3-Dichloropropene	380	U
108-10-1	4-Methyl-2-Pentanone	760	U
108-88-3	Toluene	380	U
10061-02-6	trans-1,3-Dichloropropene	760	U
79-00-5	1,1,2-Trichloroethane	760	U
127-18-4	Tetrachloroethene	380	U
591-78-6	2-Hexanone	760	U
126-48-1	Dibromochloromethane	760	U
108-90-7	Chlorobenzene	380	U
100-41-4	Ethylbenzene	760	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

Field Dup.

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4145 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4145.37

Sample wt/vol: 10.4 (g/ml) G Lab File ID: V05345.D

Level: (low/med) MED Date Received: 12/15/98

% Moisture: not dec. 36.49 Date Analyzed: 12/28/98

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	1100	U
1330-20-7	o-Xylene	760	U
100-42-5	Styrene	760	U
75-25-2	Bromoform	760	U
79-34-5	1,1,2,2-Tetrachloroethane	760	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Dup.**

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4145 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4145.37

Sample wt/vol: 10.4 (g/ml) G Lab File ID: V05345.D

Level: (low/med) MED Date Received: 12/15/98

% Moisture: not dec. 36.49 Date Analyzed: 12/28/98

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: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	14.24	7100	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Dupe

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.27

Sample wt/vol: 9.2 (g/ml) G Lab File ID: VA006045.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 16.95 Date Analyzed: 4/8/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Dupe

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4382 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4382.27

Sample wt/vol: 9.2 (g/ml) G Lab File ID: VA006045.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 16.95 Date Analyzed: 4/8/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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.

Dupe

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.27

Sample wt/vol: 9.2 (g/ml) G Lab File ID: VA006045.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 16.95 Date Analyzed: 4/8/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Dupe

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4382 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4382.37

Sample wt/vol: 9.4 (g/ml) G Lab File ID: VA006055.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 5.79 Date Analyzed: 4/9/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil 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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Dupe

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.37

Sample wt/vol: 9.4 (g/ml) G Lab File ID: VA006055.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 5.79 Date Analyzed: 4/9/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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.

Dupe

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.37

Sample wt/vol: 9.4 (g/ml) G Lab File ID: VA006055.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 5.79 Date Analyzed: 4/9/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	10.10	1800	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Dupe

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4394 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4394.25

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VB003432.D

Level: (low/med) MED Date Received: 4/5/99

% Moisture: not dec. 10.62 Date Analyzed: 4/9/99

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	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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Dupe

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4394 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4394.25

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VB003432.D

Level: (low/med) MED Date Received: 4/5/99

% Moisture: not dec. 10.62 Date Analyzed: 4/9/99

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	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.

Dupe

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4394 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4394.25

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VB003432.D

Level: (low/med) MED Date Received: 4/5/99

% Moisture: not dec. 10.62 Date Analyzed: 4/9/99

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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Dupell

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4394 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4394.47

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VB003443.D

Level: (low/med) MED Date Received: 4/5/99

% Moisture: not dec. 23.4 Date Analyzed: 4/9/99

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	4200	U
1634044	Methyl-tert-Butyl ether	960	U
108203	Di-isopropyl ether	640	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	320	U
75-01-4	Vinyl Chloride	960	U
74-83-9	Bromomethane	640	U
75-00-3	Chloroethane	960	U
75-69-4	Trichlorofluoromethane	640	U
75-35-4	1,1-Dichloroethene	320	U
67-64-1	Acetone	640	U
75-15-0	Carbon Disulfide	320	U
75-09-2	Methylene Chloride	640	U
156-60-5	trans-1,2-Dichloroethene	640	U
75-35-3	1,1-Dichloroethane	320	U
108-05-4	Vinyl Acetate	960	U
78-93-3	2-Butanone	960	U
	cis-1,2-Dichloroethene	320	U
67-66-3	Chloroform	320	U
75-55-6	1,1,1-Trichloroethane	320	U
56-23-5	Carbon Tetrachloride	640	U
71-43-2	Benzene	320	U
107-06-2	1,2-Dichloroethane	640	U
79-01-6	Trichloroethene	320	U
78-87-5	1,2-Dichloropropane	320	U
75-27-4	Bromodichloromethane	320	U
110-75-8	2-Chloroethyl vinyl ether	640	U
10061-01-5	cis-1,3-Dichloropropene	320	U
108-10-1	4-Methyl-2-Pentanone	640	U
108-88-3	Toluene	320	U
10061-02-6	trans-1,3-Dichloropropene	640	U
79-00-5	1,1,2-Trichloroethane	640	U
127-18-4	Tetrachloroethene	320	U
591-78-6	2-Hexanone	640	U
126-48-1	Dibromochloromethane	640	U
108-90-7	Chlorobenzene	320	U
100-41-4	Ethylbenzene	640	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Dupell

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4394 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4394.47

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VB003443.D

Level: (low/med) MED Date Received: 4/5/99

% Moisture: not dec. 23.4 Date Analyzed: 4/9/99

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	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.

Dupell

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4394 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4394.47

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VB003443.D

Level: (low/med) MED Date Received: 4/5/99

% Moisture: not dec. 23.4 Date Analyzed: 4/9/99

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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Dupe

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.39

Sample wt/vol: 9.3 (g/ml) G Lab File ID: VB003515.D

Level: (low/med) MED Date Received: 4/8/99

% Moisture: not dec. 19.83 Date Analyzed: 4/19/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2300	U
107131	Acrylonitrile	2300	U
75650	tert-Butyl alcohol	4400	U
1634044	Methyl-tert-Butyl ether	1000	U
108203	Di-isopropyl ether	670	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	340	U
75-01-4	Vinyl Chloride	1000	U
74-83-9	Bromomethane	670	U
75-00-3	Chloroethane	1000	U
75-69-4	Trichlorofluoromethane	670	U
75-35-4	1,1-Dichloroethene	340	U
67-64-1	Acetone	670	U
75-15-0	Carbon Disulfide	340	U
75-09-2	Methylene Chloride	670	U
156-60-5	trans-1,2-Dichloroethene	670	U
75-35-3	1,1-Dichloroethane	340	U
108-05-4	Vinyl Acetate	1000	U
78-93-3	2-Butanone	1000	U
	cis-1,2-Dichloroethene	340	U
67-66-3	Chloroform	340	U
75-55-6	1,1,1-Trichloroethane	340	U
56-23-5	Carbon Tetrachloride	670	U
71-43-2	Benzene	340	U
107-06-2	1,2-Dichloroethane	670	U
79-01-6	Trichloroethene	340	U
78-87-5	1,2-Dichloropropane	340	U
75-27-4	Bromodichloromethane	340	U
110-75-8	2-Chloroethyl vinyl ether	670	U
10061-01-5	cis-1,3-Dichloropropene	340	U
108-10-1	4-Methyl-2-Pentanone	670	U
108-88-3	Toluene	340	U
10061-02-6	trans-1,3-Dichloropropene	670	U
79-00-5	1,1,2-Trichloroethane	670	U
127-18-4	Tetrachloroethene	340	U
591-78-6	2-Hexanone	670	U
126-48-1	Dibromochloromethane	670	U
108-90-7	Chlorobenzene	340	U
100-41-4	Ethylbenzene	670	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Dupe

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.39

Sample wt/vol: 9.3 (g/ml) G Lab File ID: VB003515.D

Level: (low/med) MED Date Received: 4/8/99

% Moisture: not dec. 19.83 Date Analyzed: 4/19/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
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.

Dupe

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.39

Sample wt/vol: 9.3 (g/ml) G Lab File ID: VB003515.D

Level: (low/med) MED Date Received: 4/8/99

% Moisture: not dec. 19.83 Date Analyzed: 4/19/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Dupell

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.41

Sample wt/vol: 8.7 (g/ml) G Lab File ID: VB003516.D

Level: (low/med) MED Date Received: 4/8/99

% Moisture: not dec. 33.62 Date Analyzed: 4/19/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil 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	870	U
	Dichlorodifluoromethane	1700	U
74-87-3	Chloromethane	440	U
75-01-4	Vinyl Chloride	1300	U
74-83-9	Bromomethane	870	U
75-00-3	Chloroethane	1300	U
75-69-4	Trichlorofluoromethane	870	U
75-35-4	1,1-Dichloroethene	440	U
67-64-1	Acetone	870	U
75-15-0	Carbon Disulfide	440	U
75-09-2	Methylene Chloride	870	U
156-60-5	trans-1,2-Dichloroethene	870	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	870	U
71-43-2	Benzene	440	U
107-06-2	1,2-Dichloroethane	870	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	870	U
10061-01-5	cis-1,3-Dichloropropene	440	U
108-10-1	4-Methyl-2-Pentanone	870	U
108-88-3	Toluene	440	U
10061-02-6	trans-1,3-Dichloropropene	870	U
79-00-5	1,1,2-Trichloroethane	870	U
127-18-4	Tetrachloroethene	440	U
591-78-6	2-Hexanone	870	U
126-48-1	Dibromochloromethane	870	U
108-90-7	Chlorobenzene	440	U
100-41-4	Ethylbenzene	870	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Dupell

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4401 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4401.41

Sample wt/vol: 8.7 (g/ml) G Lab File ID: VB003516.D

Level: (low/med) MED Date Received: 4/8/99

% Moisture: not dec. 33.62 Date Analyzed: 4/19/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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	870	U
100-42-5	Styrene	870	U
75-25-2	Bromoform	870	U
79-34-5	1,1,2,2-Tetrachloroethane	870	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Dupell

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4401 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4401.41

Sample wt/vol: 8.7 (g/ml) G Lab File ID: VB003516.D

Level: (low/med) MED Date Received: 4/8/99

% Moisture: not dec. 33.62 Date Analyzed: 4/19/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Dupe

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4405 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4405.27

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB003472.D

Level: (low/med) MED Date Received: 4/9/99

% Moisture: not dec. 7.33 Date Analyzed: 4/15/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3500	U
1634044	Methyl-tert-Butyl ether	800	U
108203	Di-isopropyl ether	540	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	270	U
75-01-4	Vinyl Chloride	800	U
74-83-9	Bromomethane	540	U
75-00-3	Chloroethane	800	U
75-69-4	Trichlorofluoromethane	540	U
75-35-4	1,1-Dichloroethene	270	U
67-64-1	Acetone	540	U
75-15-0	Carbon Disulfide	270	U
75-09-2	Methylene Chloride	540	U
156-60-5	trans-1,2-Dichloroethene	540	U
75-35-3	1,1-Dichloroethane	270	U
108-05-4	Vinyl Acetate	800	U
78-93-3	2-Butanone	800	U
	cis-1,2-Dichloroethene	270	U
67-66-3	Chloroform	270	U
75-55-6	1,1,1-Trichloroethane	270	U
56-23-5	Carbon Tetrachloride	540	U
71-43-2	Benzene	270	U
107-06-2	1,2-Dichloroethane	540	U
79-01-6	Trichloroethene	270	U
78-87-5	1,2-Dichloropropane	270	U
75-27-4	Bromodichloromethane	270	U
110-75-8	2-Chloroethyl vinyl ether	540	U
10061-01-5	cis-1,3-Dichloropropene	270	U
108-10-1	4-Methyl-2-Pentanone	540	U
108-88-3	Toluene	270	U
10061-02-6	trans-1,3-Dichloropropene	540	U
79-00-5	1,1,2-Trichloroethane	540	U
127-18-4	Tetrachloroethene	270	U
591-78-6	2-Hexanone	540	U
126-48-1	Dibromochloromethane	540	U
108-90-7	Chlorobenzene	270	U
100-41-4	Ethylbenzene	540	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Dupe

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4405 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4405.27

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB003472.D

Level: (low/med) MED Date Received: 4/9/99

% Moisture: not dec. 7.33 Date Analyzed: 4/15/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	800	U
1330-20-7	o-Xylene	540	U
100-42-5	Styrene	540	U
75-25-2	Bromoform	540	U
79-34-5	1,1,2,2-Tetrachloroethane	540	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Dupe

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4405 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4405.27

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB003472.D

Level: (low/med) MED Date Received: 4/9/99

% Moisture: not dec. 7.33 Date Analyzed: 4/15/99

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. 000091-20-3	Naphthalene	30.96	3000	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

M8 Dupe

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4413 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4413.29

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VA006136.D

Level: (low/med) MED Date Received: 4/13/99

% Moisture: not dec. 23.22 Date Analyzed: 4/23/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil 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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

M8 Dupe

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4413 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4413.29

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VA006136.D

Level: (low/med) MED Date Received: 4/13/99

% Moisture: not dec. 23.22 Date Analyzed: 4/23/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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.

M8 Dupe

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4413 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4413.29

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VA006136.D

Level: (low/med) MED Date Received: 4/13/99

% Moisture: not dec. 23.22 Date Analyzed: 4/23/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Dupe.

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4469 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4469.13

Sample wt/vol: 9.5 (g/ml) G Lab File ID: VA006367.D

Level: (low/med) MED Date Received: 5/7/99

% Moisture: not dec. 11 Date Analyzed: 5/13/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil 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	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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Dupe.

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4469 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4469.13

Sample wt/vol: 9.5 (g/ml) G Lab File ID: VA006367.D

Level: (low/med) MED Date Received: 5/7/99

% Moisture: not dec. 11 Date Analyzed: 5/13/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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.

Dupe.

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4469 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4469.13

Sample wt/vol: 9.5 (g/ml) G Lab File ID: VA006367.D

Level: (low/med) MED Date Received: 5/7/99

% Moisture: not dec. 11 Date Analyzed: 5/13/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 2

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	9.31	2300	J
2. 000110-54-3	Hexane	10.10	2100	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Dupe

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4473 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4473.13

Sample wt/vol: 8.5 (g/ml) G Lab File ID: VA006403.D

Level: (low/med) MED Date Received: 5/10/99

% Moisture: not dec. 11.89 Date Analyzed: 5/17/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2300	U
107131	Acrylonitrile	2300	U
75650	tert-Butyl alcohol	4300	U
1634044	Methyl-tert-Butyl ether	1000	U
108203	Di-isopropyl ether	670	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	330	U
75-01-4	Vinyl Chloride	1000	U
74-83-9	Bromomethane	670	U
75-00-3	Chloroethane	1000	U
75-69-4	Trichlorofluoromethane	670	U
75-35-4	1,1-Dichloroethene	330	U
67-64-1	Acetone	670	U
75-15-0	Carbon Disulfide	330	U
75-09-2	Methylene Chloride	670	U
156-60-5	trans-1,2-Dichloroethene	670	U
75-35-3	1,1-Dichloroethane	330	U
108-05-4	Vinyl Acetate	1000	U
78-93-3	2-Butanone	1000	U
	cis-1,2-Dichloroethene	330	U
67-66-3	Chloroform	330	U
75-55-6	1,1,1-Trichloroethane	330	U
56-23-5	Carbon Tetrachloride	670	U
71-43-2	Benzene	330	U
107-06-2	1,2-Dichloroethane	670	U
79-01-6	Trichloroethene	330	U
78-87-5	1,2-Dichloropropane	330	U
75-27-4	Bromodichloromethane	330	U
110-75-8	2-Chloroethyl vinyl ether	670	U
10061-01-5	cis-1,3-Dichloropropene	330	U
108-10-1	4-Methyl-2-Pentanone	670	U
108-88-3	Toluene	330	U
10061-02-6	trans-1,3-Dichloropropene	670	U
79-00-5	1,1,2-Trichloroethane	670	U
127-18-4	Tetrachloroethene	330	U
591-78-6	2-Hexanone	670	U
126-48-1	Dibromochloromethane	670	U
108-90-7	Chlorobenzene	330	U
100-41-4	Ethylbenzene	670	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Dupe

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4473 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4473.13

Sample wt/vol: 8.5 (g/ml) G Lab File ID: VA006403.D

Level: (low/med) MED Date Received: 5/10/99

% Moisture: not dec. 11.89 Date Analyzed: 5/17/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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.

Dupe

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4473 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4473.13

Sample wt/vol: 8.5 (g/ml) G Lab File ID: VA006403.D

Level: (low/med) MED Date Received: 5/10/99

% Moisture: not dec. 11.89 Date Analyzed: 5/17/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	10.11	2700	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Dupe

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4474 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4474.13

Sample wt/vol: 9.4 (g/ml) G Lab File ID: VC000126.D

Level: (low/med) MED Date Received: 5/11/99

% Moisture: not dec. 9.54 Date Analyzed: 5/20/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil 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	440	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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Dupe

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4474 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4474.13

Sample wt/vol: 9.4 (g/ml) G Lab File ID: VC000126.D

Level: (low/med) MED Date Received: 5/11/99

% Moisture: not dec. 9.54 Date Analyzed: 5/20/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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.

Dupe

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4474 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4474.13

Sample wt/vol: 9.4 (g/ml) G Lab File ID: VC000126.D

Level: (low/med) MED Date Received: 5/11/99

% Moisture: not dec. 9.54 Date Analyzed: 5/20/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Dupe

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4481 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4481.13

Sample wt/vol: 10.9 (g/ml) G Lab File ID: VA006441.D

Level: (low/med) MED Date Received: 5/13/99

% Moisture: not dec. 17.65 Date Analyzed: 5/19/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Dupe

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4481 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4481.13

Sample wt/vol: 10.9 (g/ml) G Lab File ID: VA006441.D

Level: (low/med) MED Date Received: 5/13/99

% Moisture: not dec. 17.65 Date Analyzed: 5/19/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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.

Dupe

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4481 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4481.13

Sample wt/vol: 10.9 (g/ml) G Lab File ID: VA006441.D

Level: (low/med) MED Date Received: 5/13/99

% Moisture: not dec. 17.65 Date Analyzed: 5/19/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	10.10	2700	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Dupe

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4484 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4484.13

Sample wt/vol: 8.5 (g/ml) G Lab File ID: VA006470.D

Level: (low/med) MED Date Received: 5/14/99

% Moisture: not dec. 14.57 Date Analyzed: 5/20/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil 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	350	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	350	U
67-64-1	Acetone	690	U
75-15-0	Carbon Disulfide	350	U
75-09-2	Methylene Chloride	690	U
156-60-5	trans-1,2-Dichloroethene	690	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	690	U
71-43-2	Benzene	350	U
107-06-2	1,2-Dichloroethane	690	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	690	U
10061-01-5	cis-1,3-Dichloropropene	350	U
108-10-1	4-Methyl-2-Pentanone	690	U
108-88-3	Toluene	350	U
10061-02-6	trans-1,3-Dichloropropene	690	U
79-00-5	1,1,2-Trichloroethane	690	U
127-18-4	Tetrachloroethene	350	U
591-78-6	2-Hexanone	690	U
126-48-1	Dibromochloromethane	690	U
108-90-7	Chlorobenzene	350	U
100-41-4	Ethylbenzene	690	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Dupe

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4484 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4484.13

Sample wt/vol: 8.5 (g/ml) G Lab File ID: VA006470.D

Level: (low/med) MED Date Received: 5/14/99

% Moisture: not dec. 14.57 Date Analyzed: 5/20/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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.

Dupe

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4484 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4484.13

Sample wt/vol: 8.5 (g/ml) G Lab File ID: VA006470.D

Level: (low/med) MED Date Received: 5/14/99

% Moisture: not dec. 14.57 Date Analyzed: 5/20/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Dupe

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4490 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4490.13

Sample wt/vol: 7.7 (g/ml) G Lab File ID: VC000144.D

Level: (low/med) MED Date Received: 5/17/99

% Moisture: not dec. 5.55 Date Analyzed: 5/21/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2400	U
107131	Acrylonitrile	2400	U
75650	tert-Butyl alcohol	4500	U
1634044	Methyl-tert-Butyl ether	1000	U
108203	Di-isopropyl ether	690	U
	Dichlorodifluoromethane	1400	U
74-87-3	Chloromethane	350	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	350	U
67-64-1	Acetone	690	U
75-15-0	Carbon Disulfide	350	U
75-09-2	Methylene Chloride	690	U
156-60-5	trans-1,2-Dichloroethene	690	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	690	U
71-43-2	Benzene	350	U
107-06-2	1,2-Dichloroethane	690	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	690	U
10061-01-5	cis-1,3-Dichloropropene	350	U
108-10-1	4-Methyl-2-Pentanone	690	U
108-88-3	Toluene	350	U
10061-02-6	trans-1,3-Dichloropropene	690	U
79-00-5	1,1,2-Trichloroethane	690	U
127-18-4	Tetrachloroethene	350	U
591-78-6	2-Hexanone	690	U
126-48-1	Dibromochloromethane	690	U
108-90-7	Chlorobenzene	350	U
100-41-4	Ethylbenzene	690	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Dupe

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4490 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4490.13

Sample wt/vol: 7.7 (g/ml) G Lab File ID: VC000144.D

Level: (low/med) MED Date Received: 5/17/99

% Moisture: not dec. 5.55 Date Analyzed: 5/21/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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.

Dupe

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4490 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4490.13

Sample wt/vol: 7.7 (g/ml) G Lab File ID: VC000144.D

Level: (low/med) MED Date Received: 5/17/99

% Moisture: not dec. 5.55 Date Analyzed: 5/21/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	5.87	1900	J

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 Dupe

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4533.13

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VA006624.D

Level: (low/med) MED Date Received: 6/4/99

% Moisture: not dec. 7.91 Date Analyzed: 6/10/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3400	U
1634044	Methyl-tert-Butyl ether	800	U
108203	Di-isopropyl ether	530	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	270	U
75-01-4	Vinyl Chloride	800	U
74-83-9	Bromomethane	530	U
75-00-3	Chloroethane	800	U
75-69-4	Trichlorofluoromethane	530	U
75-35-4	1,1-Dichloroethene	270	U
67-64-1	Acetone	530	U
75-15-0	Carbon Disulfide	270	U
75-09-2	Methylene Chloride	530	U
156-60-5	trans-1,2-Dichloroethene	530	U
75-35-3	1,1-Dichloroethane	270	U
108-05-4	Vinyl Acetate	800	U
78-93-3	2-Butanone	800	U
	cis-1,2-Dichloroethene	270	U
67-66-3	Chloroform	270	U
75-55-6	1,1,1-Trichloroethane	270	U
56-23-5	Carbon Tetrachloride	530	U
71-43-2	Benzene	270	U
107-06-2	1,2-Dichloroethane	530	U
79-01-6	Trichloroethene	270	U
78-87-5	1,2-Dichloropropane	270	U
75-27-4	Bromodichloromethane	270	U
110-75-8	2-Chloroethyl vinyl ether	530	U
10061-01-5	cis-1,3-Dichloropropene	270	U
108-10-1	4-Methyl-2-Pentanone	530	U
108-88-3	Toluene	270	U
10061-02-6	trans-1,3-Dichloropropene	530	U
79-00-5	1,1,2-Trichloroethane	530	U
127-18-4	Tetrachloroethene	270	U
591-78-6	2-Hexanone	530	U
126-48-1	Dibromochloromethane	530	U
108-90-7	Chlorobenzene	270	U
100-41-4	Ethylbenzene	530	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 Dupe

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4533.13

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VA006624.D

Level: (low/med) MED Date Received: 6/4/99

% Moisture: not dec. 7.91 Date Analyzed: 6/10/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	800	U
1330-20-7	o-Xylene	530	U
100-42-5	Styrene	530	U
75-25-2	Bromoform	530	U
79-34-5	1,1,2,2-Tetrachloroethane	530	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

M-8 Dupe

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4533.13

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VA006624.D

Level: (low/med) MED Date Received: 6/4/99

% Moisture: not dec. 7.91 Date Analyzed: 6/10/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS
PHONE: (732) 532-6224 FAX: (732) 532-6263
WET-CHEM - METALS - ORGANICS - FIELD SAMPLING
CERTIFICATIONS: NJDEP #13461, NYSDOH #11699

ANALYTICAL DATA REPORT
Fort Monmouth Environmental Laboratory
ENVIRONMENTAL DIVISION
Fort Monmouth, New Jersey
PROJECT: M-8 Landfill

M-8/Landfill
Volume II

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Method Blanks	2516-2544
Field Duplicates	2545-2561
Samples	2562-2853
Metals	2854
Method blanks	2855-2869
Field Duplicates	2870-2886
Samples	2887-3178

SAMPLES

1A

FIELD ID

VOLATILE ORGANICS ANALYSIS DATA SHEET

B-1

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4045 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4045.03

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V05051.D

Level: (low/med) MED Date Received: 11/10/98

% Moisture: not dec. 6.35 Date Analyzed: 11/17/98

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	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-1**

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4045 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4045.03

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V05051.D

Level: (low/med) MED Date Received: 11/10/98

% Moisture: not dec. 6.35 Date Analyzed: 11/17/98

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	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-1

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4045 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4045.03

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V05051.D

Level: (low/med) MED Date Received: 11/10/98

% Moisture: not dec. 6.35 Date Analyzed: 11/17/98

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: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	14.24	1700	J

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID: B-2

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4045 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4045.05

Sample wt/vol: 10.7 (g/ml) G Lab File ID: V05052.D

Level: (low/med) MED Date Received: 11/10/98

% Moisture: not dec. 6.58 Date Analyzed: 11/17/98

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	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3300	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	810	
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID: **B-2**

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4045 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4045.05

Sample wt/vol: 10.7 (g/ml) G Lab File ID: V05052.D

Level: (low/med) MED Date Received: 11/10/98

% Moisture: not dec. 6.58 Date Analyzed: 11/17/98

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: **B-2**

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4045 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4045.05

Sample wt/vol: 10.7 (g/ml) G Lab File ID: V05052.D

Level: (low/med) MED Date Received: 11/10/98

% Moisture: not dec. 6.58 Date Analyzed: 11/17/98

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.: 4045 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4045.07

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05053.D

Level: (low/med) MED Date Received: 11/10/98

% Moisture: not dec. 7.08 Date Analyzed: 11/17/98

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	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-3**

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4045 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4045.07

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05053.D

Level: (low/med) MED Date Received: 11/10/98

% Moisture: not dec. 7.08 Date Analyzed: 11/17/98

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
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.: 4045 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4045.07

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05053.D

Level: (low/med) MED Date Received: 11/10/98

% Moisture: not dec. 7.08 Date Analyzed: 11/17/98

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

000622

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID: B-4

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4045 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4045.09

Sample wt/vol: 9.7 (g/ml) G Lab File ID: V05054.D

Level: (low/med) MED Date Received: 11/10/98

% Moisture: not dec. 5.62 Date Analyzed: 11/17/98

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	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3600	U
1634044	Methyl-tert-Butyl ether	820	U
108203	Di-isopropyl ether	550	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	270	U
75-01-4	Vinyl Chloride	820	U
74-83-9	Bromomethane	550	U
75-00-3	Chloroethane	820	U
75-69-4	Trichlorofluoromethane	550	U
75-35-4	1,1-Dichloroethene	270	U
67-64-1	Acetone	550	U
75-15-0	Carbon Disulfide	270	U
75-09-2	Methylene Chloride	550	U
156-60-5	trans-1,2-Dichloroethene	550	U
75-35-3	1,1-Dichloroethane	270	U
108-05-4	Vinyl Acetate	820	U
78-93-3	2-Butanone	880	
	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-4**

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4045 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4045.09

Sample wt/vol: 9.7 (g/ml) G Lab File ID: V05054.D

Level: (low/med) MED Date Received: 11/10/98

% Moisture: not dec. 5.62 Date Analyzed: 11/17/98

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
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-4**

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4045 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4045.09

Sample wt/vol: 9.7 (g/ml) G Lab File ID: V05054.D

Level: (low/med) MED Date Received: 11/10/98

% Moisture: not dec. 5.62 Date Analyzed: 11/17/98

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.: 4045 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4045.11

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V05055.D

Level: (low/med) MED Date Received: 11/10/98

% Moisture: not dec. 5.86 Date Analyzed: 11/17/98

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	800	U
108203	Di-isopropyl ether	530	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	270	U
75-01-4	Vinyl Chloride	800	U
74-83-9	Bromomethane	530	U
75-00-3	Chloroethane	800	U
75-69-4	Trichlorofluoromethane	530	U
75-35-4	1,1-Dichloroethene	270	U
67-64-1	Acetone	530	U
75-15-0	Carbon Disulfide	270	U
75-09-2	Methylene Chloride	530	U
156-60-5	trans-1,2-Dichloroethene	530	U
75-35-3	1,1-Dichloroethane	270	U
108-05-4	Vinyl Acetate	800	U
78-93-3	2-Butanone	890	
	cis-1,2-Dichloroethene	270	U
67-66-3	Chloroform	270	U
75-55-6	1,1,1-Trichloroethane	270	U
56-23-5	Carbon Tetrachloride	530	U
71-43-2	Benzene	270	U
107-06-2	1,2-Dichloroethane	530	U
79-01-6	Trichloroethene	270	U
78-87-5	1,2-Dichloropropane	270	U
75-27-4	Bromodichloromethane	270	U
110-75-8	2-Chloroethyl vinyl ether	530	U
10061-01-5	cis-1,3-Dichloropropene	270	U
108-10-1	4-Methyl-2-Pentanone	530	U
108-88-3	Toluene	270	U
10061-02-6	trans-1,3-Dichloropropene	530	U
79-00-5	1,1,2-Trichloroethane	530	U
127-18-4	Tetrachloroethene	270	U
591-78-6	2-Hexanone	530	U
126-48-1	Dibromochloromethane	530	U
108-90-7	Chlorobenzene	270	U
100-41-4	Ethylbenzene	530	U

1A

FIELD ID

VOLATILE ORGANICS ANALYSIS DATA SHEET

B-5

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4045 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4045.11

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V05055.D

Level: (low/med) MED Date Received: 11/10/98

% Moisture: not dec. 5.86 Date Analyzed: 11/17/98

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	800	U
1330-20-7	o-Xylene	530	U
100-42-5	Styrene	530	U
75-25-2	Bromoform	530	U
79-34-5	1,1,2,2-Tetrachloroethane	530	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **B-5**

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4045 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4045.11

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V05055.D

Level: (low/med) MED Date Received: 11/10/98

% Moisture: not dec. 5.86 Date Analyzed: 11/17/98

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.: 4095 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4095.03

Sample wt/vol: 8.8 (g/ml) G Lab File ID: V05164.D

Level: (low/med) MED Date Received: 11/30/98

% Moisture: not dec. 8.05 Date Analyzed: 12/02/98

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-6**

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4095 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4095.03

Sample wt/vol: 8.8 (g/ml) G Lab File ID: V05164.D

Level: (low/med) MED Date Received: 11/30/98

% Moisture: not dec. 8.05 Date Analyzed: 12/02/98

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-6

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4095 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4095.03

Sample wt/vol: 8.8 (g/ml) G Lab File ID: V05164.D

Level: (low/med) MED Date Received: 11/30/98

% Moisture: not dec. 8.05 Date Analyzed: 12/02/98

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.: 4095 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4095.05

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V05165.D

Level: (low/med) MED Date Received: 11/30/98

% Moisture: not dec. 7.16 Date Analyzed: 12/02/98

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	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3600	U
1634044	Methyl-tert-Butyl ether	820	U
108203	Di-isopropyl ether	550	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	270	U
75-01-4	Vinyl Chloride	820	U
74-83-9	Bromomethane	550	U
75-00-3	Chloroethane	820	U
75-69-4	Trichlorofluoromethane	550	U
75-35-4	1,1-Dichloroethene	270	U
67-64-1	Acetone	550	U
75-15-0	Carbon Disulfide	270	U
75-09-2	Methylene Chloride	550	U
156-60-5	trans-1,2-Dichloroethene	550	U
75-35-3	1,1-Dichloroethane	270	U
108-05-4	Vinyl Acetate	820	U
78-93-3	2-Butanone	820	U
	cis-1,2-Dichloroethene	270	U
67-66-3	Chloroform	270	U
75-55-6	1,1,1-Trichloroethane	270	U
56-23-5	Carbon Tetrachloride	550	U
71-43-2	Benzene	270	U
107-06-2	1,2-Dichloroethane	550	U
79-01-6	Trichloroethene	270	U
78-87-5	1,2-Dichloropropane	270	U
75-27-4	Bromodichloromethane	270	U
110-75-8	2-Chloroethyl vinyl ether	550	U
10061-01-5	cis-1,3-Dichloropropene	270	U
108-10-1	4-Methyl-2-Pentanone	550	U
108-88-3	Toluene	270	U
10061-02-6	trans-1,3-Dichloropropene	550	U
79-00-5	1,1,2-Trichloroethane	550	U
127-18-4	Tetrachloroethene	270	U
591-78-6	2-Hexanone	550	U
126-48-1	Dibromochloromethane	550	U
108-90-7	Chlorobenzene	270	U
100-41-4	Ethylbenzene	550	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID: B-7

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4095 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4095.05

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V05165.D

Level: (low/med) MED Date Received: 11/30/98

% Moisture: not dec. 7.16 Date Analyzed: 12/02/98

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
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-7

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4095 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4095.05

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V05165.D

Level: (low/med) MED Date Received: 11/30/98

% Moisture: not dec. 7.16 Date Analyzed: 12/02/98

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

FIELD ID

VOLATILE ORGANICS ANALYSIS DATA SHEET

B-8

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4095 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4095.07

Sample wt/vol: 10.7 (g/ml) G Lab File ID: V05172.D

Level: (low/med) MED Date Received: 11/30/98

% Moisture: not dec. 7.63 Date Analyzed: 12/03/98

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	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3300	U
1634044	Methyl-tert-Butyl ether	760	U
108203	Di-isopropyl ether	510	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	760	U
74-83-9	Bromomethane	510	U
75-00-3	Chloroethane	760	U
75-69-4	Trichlorofluoromethane	510	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	510	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	690	
156-60-5	trans-1,2-Dichloroethene	510	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	760	U
78-93-3	2-Butanone	760	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	510	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	510	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	510	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	510	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	510	U
79-00-5	1,1,2-Trichloroethane	510	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	510	U
126-48-1	Dibromochloromethane	510	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	510	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID: **B-8**

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4095 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4095.07

Sample wt/vol: 10.7 (g/ml) G Lab File ID: V05172.D

Level: (low/med) MED Date Received: 11/30/98

% Moisture: not dec. 7.63 Date Analyzed: 12/03/98

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	760	U
1330-20-7	o-Xylene	510	U
100-42-5	Styrene	510	U
75-25-2	Bromoform	510	U
79-34-5	1,1,2,2-Tetrachloroethane	510	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **B-8**

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4095 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4095.07

Sample wt/vol: 10.7 (g/ml) G Lab File ID: V05172.D

Level: (low/med) MED Date Received: 11/30/98

% Moisture: not dec. 7.63 Date Analyzed: 12/03/98

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: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	14.22	1800	J

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID: B-9

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4095 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4095.09

Sample wt/vol: 9.6 (g/ml) G Lab File ID: V05173.D

Level: (low/med) MED Date Received: 11/30/98

% Moisture: not dec. 17.41 Date Analyzed: 12/03/98

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	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	880	
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-9**

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4095 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4095.09

Sample wt/vol: 9.6 (g/ml) G Lab File ID: V05173.D

Level: (low/med) MED Date Received: 11/30/98

% Moisture: not dec. 17.41 Date Analyzed: 12/03/98

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
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-9**

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4095 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4095.09

Sample wt/vol: 9.6 (g/ml) G Lab File ID: V05173.D

Level: (low/med) MED Date Received: 11/30/98

% Moisture: not dec. 17.41 Date Analyzed: 12/03/98

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: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	14.22	2100	JN

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID: **B-10**

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4095 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4095.11

Sample wt/vol: 9.2 (g/ml) G Lab File ID: V05174.D

Level: (low/med) MED Date Received: 11/30/98

% Moisture: not dec. 16.76 Date Analyzed: 12/03/98

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	2300	U
107131	Acrylonitrile	2300	U
75650	tert-Butyl alcohol	4200	U
1634044	Methyl-tert-Butyl ether	980	U
108203	Di-isopropyl ether	650	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	330	U
75-01-4	Vinyl Chloride	980	U
74-83-9	Bromomethane	650	U
75-00-3	Chloroethane	980	U
75-69-4	Trichlorofluoromethane	650	U
75-35-4	1,1-Dichloroethene	330	U
67-64-1	Acetone	650	U
75-15-0	Carbon Disulfide	330	U
75-09-2	Methylene Chloride	850	
156-60-5	trans-1,2-Dichloroethene	650	U
75-35-3	1,1-Dichloroethane	330	U
108-05-4	Vinyl Acetate	980	U
78-93-3	2-Butanone	980	U
	cis-1,2-Dichloroethene	330	U
67-66-3	Chloroform	330	U
75-55-6	1,1,1-Trichloroethane	330	U
56-23-5	Carbon Tetrachloride	650	U
71-43-2	Benzene	330	U
107-06-2	1,2-Dichloroethane	650	U
79-01-6	Trichloroethene	330	U
78-87-5	1,2-Dichloropropane	330	U
75-27-4	Bromodichloromethane	330	U
110-75-8	2-Chloroethyl vinyl ether	650	U
10061-01-5	cis-1,3-Dichloropropene	330	U
108-10-1	4-Methyl-2-Pentanone	650	U
108-88-3	Toluene	330	U
10061-02-6	trans-1,3-Dichloropropene	650	U
79-00-5	1,1,2-Trichloroethane	650	U
127-18-4	Tetrachloroethene	330	U
591-78-6	2-Hexanone	650	U
126-48-1	Dibromochloromethane	650	U
108-90-7	Chlorobenzene	330	U
100-41-4	Ethylbenzene	650	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID: **B-10**

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4095 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4095.11

Sample wt/vol: 9.2 (g/ml) G Lab File ID: V05174.D

Level: (low/med) MED Date Received: 11/30/98

% Moisture: not dec. 16.76 Date Analyzed: 12/03/98

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
1330-20-7	m+p-Xylenes	980	U
1330-20-7	o-Xylene	650	U
100-42-5	Styrene	650	U
75-25-2	Bromoform	650	U
79-34-5	1,1,2,2-Tetrachloroethane	650	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **B-10**

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4095 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4095.11

Sample wt/vol: 9.2 (g/ml) G Lab File ID: V05174.D

Level: (low/med) MED Date Received: 11/30/98

% Moisture: not dec. 16.76 Date Analyzed: 12/03/98

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: 3

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	30.41	6300	J
2.	unknown	32.28	3700	J
3.	unknown	33.01	3000	J

1A

FIELD ID

VOLATILE ORGANICS ANALYSIS DATA SHEET

B-11

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4095 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4095.13

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V05175.D

Level: (low/med) MED Date Received: 11/30/98

% Moisture: not dec. 8.94 Date Analyzed: 12/03/98

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	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	720	
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-11**

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4095 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4095.13

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V05175.D

Level: (low/med) MED Date Received: 11/30/98

% Moisture: not dec. 8.94 Date Analyzed: 12/03/98

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-11**

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4095 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4095.13

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V05175.D

Level: (low/med) MED Date Received: 11/30/98

% Moisture: not dec. 8.94 Date Analyzed: 12/03/98

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-12

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4145 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4145.03

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V05323.D

Level: (low/med) MED Date Received: 12/15/98

% Moisture: not dec. 7.25 Date Analyzed: 12/23/98

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	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3500	U
1634044	Methyl-tert-Butyl ether	800	U
108203	Di-isopropyl ether	530	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	270	U
75-01-4	Vinyl Chloride	800	U
74-83-9	Bromomethane	530	U
75-00-3	Chloroethane	800	U
75-69-4	Trichlorofluoromethane	530	U
75-35-4	1,1-Dichloroethene	270	U
67-64-1	Acetone	530	U
75-15-0	Carbon Disulfide	270	U
75-09-2	Methylene Chloride	930	
156-60-5	trans-1,2-Dichloroethene	530	U
75-35-3	1,1-Dichloroethane	270	U
108-05-4	Vinyl Acetate	800	U
78-93-3	2-Butanone	800	U
	cis-1,2-Dichloroethene	270	U
67-66-3	Chloroform	270	U
75-55-6	1,1,1-Trichloroethane	270	U
56-23-5	Carbon Tetrachloride	530	U
71-43-2	Benzene	270	U
107-06-2	1,2-Dichloroethane	530	U
79-01-6	Trichloroethene	270	U
78-87-5	1,2-Dichloropropane	270	U
75-27-4	Bromodichloromethane	270	U
110-75-8	2-Chloroethyl vinyl ether	530	U
10061-01-5	cis-1,3-Dichloropropene	270	U
108-10-1	4-Methyl-2-Pentanone	530	U
108-88-3	Toluene	270	U
10061-02-6	trans-1,3-Dichloropropene	530	U
79-00-5	1,1,2-Trichloroethane	530	U
127-18-4	Tetrachloroethene	270	U
591-78-6	2-Hexanone	530	U
126-48-1	Dibromochloromethane	530	U
108-90-7	Chlorobenzene	270	U
100-41-4	Ethylbenzene	530	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID: B-12

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4145 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4145.03

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V05323.D

Level: (low/med) MED Date Received: 12/15/98

% Moisture: not dec. 7.25 Date Analyzed: 12/23/98

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
1330-20-7	m+p-Xylenes	800	U
1330-20-7	o-Xylene	530	U
100-42-5	Styrene	530	U
75-25-2	Bromoform	530	U
79-34-5	1,1,2,2-Tetrachloroethane	530	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **B-12**

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4145 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4145.03

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V05323.D

Level: (low/med) MED Date Received: 12/15/98

% Moisture: not dec. 7.25 Date Analyzed: 12/23/98

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-13

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4145 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4145.05

Sample wt/vol: 9.7 (g/ml) G Lab File ID: V05324.D

Level: (low/med) MED Date Received: 12/15/98

% Moisture: not dec. 40.86 Date Analyzed: 12/23/98

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	3100	U
107131	Acrylonitrile	3100	U
75650	tert-Butyl alcohol	5700	U
1634044	Methyl-tert-Butyl ether	1300	U
108203	Di-isopropyl ether	870	U
	Dichlorodifluoromethane	1700	U
74-87-3	Chloromethane	440	U
75-01-4	Vinyl Chloride	1300	U
74-83-9	Bromomethane	870	U
75-00-3	Chloroethane	1300	U
75-69-4	Trichlorofluoromethane	870	U
75-35-4	1,1-Dichloroethene	440	U
67-64-1	Acetone	870	U
75-15-0	Carbon Disulfide	440	U
75-09-2	Methylene Chloride	1500	
156-60-5	trans-1,2-Dichloroethene	870	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	870	U
71-43-2	Benzene	440	U
107-06-2	1,2-Dichloroethane	870	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	870	U
10061-01-5	cis-1,3-Dichloropropene	440	U
108-10-1	4-Methyl-2-Pentanone	870	U
108-88-3	Toluene	440	U
10061-02-6	trans-1,3-Dichloropropene	870	U
79-00-5	1,1,2-Trichloroethane	870	U
127-18-4	Tetrachloroethene	440	U
591-78-6	2-Hexanone	870	U
126-48-1	Dibromochloromethane	870	U
108-90-7	Chlorobenzene	440	U
100-41-4	Ethylbenzene	870	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID: **B-13**

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4145 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4145.05

Sample wt/vol: 9.7 (g/ml) G Lab File ID: V05324.D

Level: (low/med) MED Date Received: 12/15/98

% Moisture: not dec. 40.86 Date Analyzed: 12/23/98

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
1330-20-7	m+p-Xylenes	1300	U
1330-20-7	o-Xylene	870	U
100-42-5	Styrene	870	U
75-25-2	Bromoform	870	U
79-34-5	1,1,2,2-Tetrachloroethane	870	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **B-13**

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4145 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4145.05

Sample wt/vol: 9.7 (g/ml) G Lab File ID: V05324.D

Level: (low/med) MED Date Received: 12/15/98

% Moisture: not dec. 40.86 Date Analyzed: 12/23/98

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: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	14.22	3200	J

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID: **B-14**

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4145 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4145.07

Sample wt/vol: 9.4 (g/ml) G Lab File ID: V05325.D

Level: (low/med) MED Date Received: 12/15/98

% Moisture: not dec. 27.75 Date Analyzed: 12/23/98

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

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2600	U
107131	Acrylonitrile	2600	U
75650	tert-Butyl alcohol	4800	U
1634044	Methyl-tert-Butyl ether	1100	U
108203	Di-isopropyl ether	730	U
	Dichlorodifluoromethane	1500	U
74-87-3	Chloromethane	370	U
75-01-4	Vinyl Chloride	1100	U
74-83-9	Bromomethane	730	U
75-00-3	Chloroethane	1100	U
75-69-4	Trichlorofluoromethane	730	U
75-35-4	1,1-Dichloroethene	370	U
67-64-1	Acetone	730	U
75-15-0	Carbon Disulfide	370	U
75-09-2	Methylene Chloride	1300	
156-60-5	trans-1,2-Dichloroethene	730	U
75-35-3	1,1-Dichloroethane	370	U
108-05-4	Vinyl Acetate	1100	U
78-93-3	2-Butanone	1100	U
	cis-1,2-Dichloroethene	370	U
67-66-3	Chloroform	370	U
75-55-6	1,1,1-Trichloroethane	370	U
56-23-5	Carbon Tetrachloride	730	U
71-43-2	Benzene	370	U
107-06-2	1,2-Dichloroethane	730	U
79-01-6	Trichloroethene	370	U
78-87-5	1,2-Dichloropropane	370	U
75-27-4	Bromodichloromethane	370	U
110-75-8	2-Chloroethyl vinyl ether	730	U
10061-01-5	cis-1,3-Dichloropropene	370	U
108-10-1	4-Methyl-2-Pentanone	730	U
108-88-3	Toluene	370	U
10061-02-6	trans-1,3-Dichloropropene	730	U
79-00-5	1,1,2-Trichloroethane	730	U
127-18-4	Tetrachloroethene	370	U
591-78-6	2-Hexanone	730	U
126-48-1	Dibromochloromethane	730	U
108-90-7	Chlorobenzene	370	U
100-41-4	Ethylbenzene	730	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID: B-14

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4145 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4145.07

Sample wt/vol: 9.4 (g/ml) G Lab File ID: V05325.D

Level: (low/med) MED Date Received: 12/15/98

% Moisture: not dec. 27.75 Date Analyzed: 12/23/98

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	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-14**

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4145 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4145.07

Sample wt/vol: 9.4 (g/ml) G Lab File ID: V05325.D

Level: (low/med) MED Date Received: 12/15/98

% Moisture: not dec. 27.75 Date Analyzed: 12/23/98

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-15

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4145 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4145.09

Sample wt/vol: 9.5 (g/ml) G Lab File ID: V05326.D

Level: (low/med) MED Date Received: 12/15/98

% Moisture: not dec. 32.14 Date Analyzed: 12/23/98

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	2700	U
107131	Acrylonitrile	2700	U
75650	tert-Butyl alcohol	5100	U
1634044	Methyl-tert-Butyl ether	1200	U
108203	Di-isopropyl ether	780	U
	Dichlorodifluoromethane	1600	U
74-87-3	Chloromethane	390	U
75-01-4	Vinyl Chloride	1200	U
74-83-9	Bromomethane	780	U
75-00-3	Chloroethane	1200	U
75-69-4	Trichlorofluoromethane	780	U
75-35-4	1,1-Dichloroethene	390	U
67-64-1	Acetone	780	U
75-15-0	Carbon Disulfide	390	U
75-09-2	Methylene Chloride	1300	
156-60-5	trans-1,2-Dichloroethene	780	U
75-35-3	1,1-Dichloroethane	390	U
108-05-4	Vinyl Acetate	1200	U
78-93-3	2-Butanone	1200	U
	cis-1,2-Dichloroethene	390	U
67-66-3	Chloroform	390	U
75-55-6	1,1,1-Trichloroethane	390	U
56-23-5	Carbon Tetrachloride	780	U
71-43-2	Benzene	390	U
107-06-2	1,2-Dichloroethane	780	U
79-01-6	Trichloroethene	390	U
78-87-5	1,2-Dichloropropane	390	U
75-27-4	Bromodichloromethane	390	U
110-75-8	2-Chloroethyl vinyl ether	780	U
10061-01-5	cis-1,3-Dichloropropene	390	U
108-10-1	4-Methyl-2-Pentanone	780	U
108-88-3	Toluene	390	U
10061-02-6	trans-1,3-Dichloropropene	780	U
79-00-5	1,1,2-Trichloroethane	780	U
127-18-4	Tetrachloroethene	390	U
591-78-6	2-Hexanone	780	U
126-48-1	Dibromochloromethane	780	U
108-90-7	Chlorobenzene	390	U
100-41-4	Ethylbenzene	780	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID: **B-15**

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4145 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4145.09

Sample wt/vol: 9.5 (g/ml) G Lab File ID: V05326.D

Level: (low/med) MED Date Received: 12/15/98

% Moisture: not dec. 32.14 Date Analyzed: 12/23/98

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
1330-20-7	m+p-Xylenes	1200	U
1330-20-7	o-Xylene	780	U
100-42-5	Styrene	780	U
75-25-2	Bromoform	780	U
79-34-5	1,1,2,2-Tetrachloroethane	780	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **B-15**

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4145 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4145.09

Sample wt/vol: 9.5 (g/ml) G Lab File ID: V05326.D

Level: (low/med) MED Date Received: 12/15/98

% Moisture: not dec. 32.14 Date Analyzed: 12/23/98

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: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	14.24	2900	JN

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID: B-16

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4145 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4145.11

Sample wt/vol: 9.6 (g/ml) G Lab File ID: V05327.D

Level: (low/med) MED Date Received: 12/15/98

% Moisture: not dec. 13.57 Date Analyzed: 12/23/98

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	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	1000	
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-16**

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4145 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4145.11

Sample wt/vol: 9.6 (g/ml) G Lab File ID: V05327.D

Level: (low/med) MED Date Received: 12/15/98

% Moisture: not dec. 13.57 Date Analyzed: 12/23/98

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-16**

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4145 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4145.11

Sample wt/vol: 9.6 (g/ml) G Lab File ID: V05327.D

Level: (low/med) MED Date Received: 12/15/98

% Moisture: not dec. 13.57 Date Analyzed: 12/23/98

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-17

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4145 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4145.13

Sample wt/vol: 9.6 (g/ml) G Lab File ID: V05333.D

Level: (low/med) MED Date Received: 12/15/98

% Moisture: not dec. 19.21 Date Analyzed: 12/28/98

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	2300	U
107131	Acrylonitrile	2300	U
75650	tert-Butyl alcohol	4200	U
1634044	Methyl-tert-Butyl ether	970	U
108203	Di-isopropyl ether	640	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	320	U
75-01-4	Vinyl Chloride	970	U
74-83-9	Bromomethane	640	U
75-00-3	Chloroethane	970	U
75-69-4	Trichlorofluoromethane	640	U
75-35-4	1,1-Dichloroethene	320	U
67-64-1	Acetone	640	U
75-15-0	Carbon Disulfide	320	U
75-09-2	Methylene Chloride	3900	
156-60-5	trans-1,2-Dichloroethene	640	U
75-35-3	1,1-Dichloroethane	320	U
108-05-4	Vinyl Acetate	970	U
78-93-3	2-Butanone	970	U
	cis-1,2-Dichloroethene	320	U
67-66-3	Chloroform	320	U
75-55-6	1,1,1-Trichloroethane	320	U
56-23-5	Carbon Tetrachloride	640	U
71-43-2	Benzene	320	U
107-06-2	1,2-Dichloroethane	640	U
79-01-6	Trichloroethene	320	U
78-87-5	1,2-Dichloropropane	320	U
75-27-4	Bromodichloromethane	320	U
110-75-8	2-Chloroethyl vinyl ether	640	U
10061-01-5	cis-1,3-Dichloropropene	320	U
108-10-1	4-Methyl-2-Pentanone	640	U
108-88-3	Toluene	320	U
10061-02-6	trans-1,3-Dichloropropene	640	U
79-00-5	1,1,2-Trichloroethane	640	U
127-18-4	Tetrachloroethene	320	U
591-78-6	2-Hexanone	640	U
126-48-1	Dibromochloromethane	640	U
108-90-7	Chlorobenzene	320	U
100-41-4	Ethylbenzene	640	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-17

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4145 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4145.13

Sample wt/vol: 9.6 (g/ml) G Lab File ID: V05333.D

Level: (low/med) MED Date Received: 12/15/98

% Moisture: not dec. 19.21 Date Analyzed: 12/28/98

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
1330-20-7	m+p-Xylenes	970	U
1330-20-7	o-Xylene	640	U
100-42-5	Styrene	640	U
75-25-2	Bromoform	640	U
79-34-5	1,1,2,2-Tetrachloroethane	640	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **B-17**

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4145 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4145.13

Sample wt/vol: 9.6 (g/ml) G Lab File ID: V05333.D

Level: (low/med) MED Date Received: 12/15/98

% Moisture: not dec. 19.21 Date Analyzed: 12/28/98

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: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	14.22	3500	JN

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID: B-18

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4145 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4145.15

Sample wt/vol: 11.1 (g/ml) G Lab File ID: V05334.D

Level: (low/med) MED Date Received: 12/15/98

% Moisture: not dec. 37.59 Date Analyzed: 12/28/98

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	2500	U
107131	Acrylonitrile	2500	U
75650	tert-Butyl alcohol	4700	U
1634044	Methyl-tert-Butyl ether	1100	U
108203	Di-isopropyl ether	720	U
	Dichlorodifluoromethane	1400	U
74-87-3	Chloromethane	360	U
75-01-4	Vinyl Chloride	1100	U
74-83-9	Bromomethane	720	U
75-00-3	Chloroethane	1100	U
75-69-4	Trichlorofluoromethane	720	U
75-35-4	1,1-Dichloroethene	360	U
67-64-1	Acetone	720	U
75-15-0	Carbon Disulfide	360	U
75-09-2	Methylene Chloride	4300	
156-60-5	trans-1,2-Dichloroethene	720	U
75-35-3	1,1-Dichloroethane	360	U
108-05-4	Vinyl Acetate	1100	U
78-93-3	2-Butanone	1100	U
	cis-1,2-Dichloroethene	360	U
67-66-3	Chloroform	360	U
75-55-6	1,1,1-Trichloroethane	360	U
56-23-5	Carbon Tetrachloride	720	U
71-43-2	Benzene	360	U
107-06-2	1,2-Dichloroethane	720	U
79-01-6	Trichloroethene	360	U
78-87-5	1,2-Dichloropropane	360	U
75-27-4	Bromodichloromethane	360	U
110-75-8	2-Chloroethyl vinyl ether	720	U
10061-01-5	cis-1,3-Dichloropropene	360	U
108-10-1	4-Methyl-2-Pentanone	720	U
108-88-3	Toluene	360	U
10061-02-6	trans-1,3-Dichloropropene	720	U
79-00-5	1,1,2-Trichloroethane	720	U
127-18-4	Tetrachloroethene	360	U
591-78-6	2-Hexanone	720	U
126-48-1	Dibromochloromethane	720	U
108-90-7	Chlorobenzene	360	U
100-41-4	Ethylbenzene	720	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID: **B-18**

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4145 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4145.15

Sample wt/vol: 11.1 (g/ml) G Lab File ID: V05334.D

Level: (low/med) MED Date Received: 12/15/98

% Moisture: not dec. 37.59 Date Analyzed: 12/28/98

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	1100	U
1330-20-7	o-Xylene	720	U
100-42-5	Styrene	720	U
75-25-2	Bromoform	720	U
79-34-5	1,1,2,2-Tetrachloroethane	720	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **B-18**

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4145 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4145.15

Sample wt/vol: 11.1 (g/ml) G Lab File ID: V05334.D

Level: (low/med) MED Date Received: 12/15/98

% Moisture: not dec. 37.59 Date Analyzed: 12/28/98

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: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	14.21	2600	JN

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID: B-19

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4145 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4145.17

Sample wt/vol: 10.4 (g/ml) G Lab File ID: V05335.D

Level: (low/med) MED Date Received: 12/15/98

% Moisture: not dec. 6.73 Date Analyzed: 12/28/98

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	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3300	U
1634044	Methyl-tert-Butyl ether	770	U
108203	Di-isopropyl ether	510	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	260	U
75-01-4	Vinyl Chloride	770	U
74-83-9	Bromomethane	510	U
75-00-3	Chloroethane	770	U
75-69-4	Trichlorofluoromethane	510	U
75-35-4	1,1-Dichloroethene	260	U
67-64-1	Acetone	510	U
75-15-0	Carbon Disulfide	260	U
75-09-2	Methylene Chloride	3000	
156-60-5	trans-1,2-Dichloroethene	510	U
75-35-3	1,1-Dichloroethane	260	U
108-05-4	Vinyl Acetate	770	U
78-93-3	2-Butanone	770	U
	cis-1,2-Dichloroethene	260	U
67-66-3	Chloroform	260	U
75-55-6	1,1,1-Trichloroethane	260	U
56-23-5	Carbon Tetrachloride	510	U
71-43-2	Benzene	260	U
107-06-2	1,2-Dichloroethane	510	U
79-01-6	Trichloroethene	260	U
78-87-5	1,2-Dichloropropane	260	U
75-27-4	Bromodichloromethane	260	U
110-75-8	2-Chloroethyl vinyl ether	510	U
10061-01-5	cis-1,3-Dichloropropene	260	U
108-10-1	4-Methyl-2-Pentanone	510	U
108-88-3	Toluene	260	U
10061-02-6	trans-1,3-Dichloropropene	510	U
79-00-5	1,1,2-Trichloroethane	510	U
127-18-4	Tetrachloroethene	260	U
591-78-6	2-Hexanone	510	U
126-48-1	Dibromochloromethane	510	U
108-90-7	Chlorobenzene	260	U
100-41-4	Ethylbenzene	510	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID: B-19

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4145 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4145.17

Sample wt/vol: 10.4 (g/ml) G Lab File ID: V05335.D

Level: (low/med) MED Date Received: 12/15/98

% Moisture: not dec. 6.73 Date Analyzed: 12/28/98

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	770	U
1330-20-7	o-Xylene	510	U
100-42-5	Styrene	510	U
75-25-2	Bromoform	510	U
79-34-5	1,1,2,2-Tetrachloroethane	510	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **B-19**

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4145 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4145.17

Sample wt/vol: 10.4 (g/ml) G Lab File ID: V05335.D

Level: (low/med) MED Date Received: 12/15/98

% Moisture: not dec. 6.73 Date Analyzed: 12/28/98

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: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	14.23	4300	JN

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID: **B-20**

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4145 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4145.19

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V05336.D

Level: (low/med) MED Date Received: 12/15/98

% Moisture: not dec. 6.47 Date Analyzed: 12/28/98

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	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	3200	
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-20**

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4145 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4145.19

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V05336.D

Level: (low/med) MED Date Received: 12/15/98

% Moisture: not dec. 6.47 Date Analyzed: 12/28/98

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
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 FIELD ID

TENTATIVELY IDENTIFIED COMPOUNDS

B-20

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4145 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4145.19

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V05336.D

Level: (low/med) MED Date Received: 12/15/98

% Moisture: not dec. 6.47 Date Analyzed: 12/28/98

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: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	14.23	2500	JN

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID: **B-21**

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4145 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4145.21

Sample wt/vol: 10.4 (g/ml) G Lab File ID: V05337.D

Level: (low/med) MED Date Received: 12/15/98

% Moisture: not dec. 21.91 Date Analyzed: 12/28/98

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	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	3500	
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-21

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4145 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4145.21

Sample wt/vol: 10.4 (g/ml) G Lab File ID: V05337.D

Level: (low/med) MED Date Received: 12/15/98

% Moisture: not dec. 21.91 Date Analyzed: 12/28/98

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
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-21**

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4145 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4145.21

Sample wt/vol: 10.4 (g/ml) G Lab File ID: V05337.D

Level: (low/med) MED Date Received: 12/15/98

% Moisture: not dec. 21.91 Date Analyzed: 12/28/98

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: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	14.25	5200	JN

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID: B-22

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4145 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4145.23

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V05338.D

Level: (low/med) MED Date Received: 12/15/98

% Moisture: not dec. 9.26 Date Analyzed: 12/28/98

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	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3500	U
1634044	Methyl-tert-Butyl ether	820	U
108203	Di-isopropyl ether	550	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	270	U
75-01-4	Vinyl Chloride	820	U
74-83-9	Bromomethane	550	U
75-00-3	Chloroethane	820	U
75-69-4	Trichlorofluoromethane	550	U
75-35-4	1,1-Dichloroethene	270	U
67-64-1	Acetone	550	U
75-15-0	Carbon Disulfide	270	U
75-09-2	Methylene Chloride	3000	
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-22**

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4145 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4145.23

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V05338.D

Level: (low/med) MED Date Received: 12/15/98

% Moisture: not dec. 9.26 Date Analyzed: 12/28/98

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	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-22

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4145 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4145.23

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V05338.D

Level: (low/med) MED Date Received: 12/15/98

% Moisture: not dec. 9.26 Date Analyzed: 12/28/98

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: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	14.23	2100	JN

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID: **B-23**

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4145 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4145.25

Sample wt/vol: 9.0 (g/ml) G Lab File ID: V05339.D

Level: (low/med) MED Date Received: 12/15/98

% Moisture: not dec. 36.69 Date Analyzed: 12/28/98

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	3100	U
107131	Acrylonitrile	3100	U
75650	tert-Butyl alcohol	5700	U
1634044	Methyl-tert-Butyl ether	1300	U
108203	Di-isopropyl ether	870	U
	Dichlorodifluoromethane	1700	U
74-87-3	Chloromethane	440	U
75-01-4	Vinyl Chloride	1300	U
74-83-9	Bromomethane	870	U
75-00-3	Chloroethane	1300	U
75-69-4	Trichlorofluoromethane	870	U
75-35-4	1,1-Dichloroethene	440	U
67-64-1	Acetone	870	U
75-15-0	Carbon Disulfide	440	U
75-09-2	Methylene Chloride	5000	
156-60-5	trans-1,2-Dichloroethene	870	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	870	U
71-43-2	Benzene	440	U
107-06-2	1,2-Dichloroethane	870	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	870	U
10061-01-5	cis-1,3-Dichloropropene	440	U
108-10-1	4-Methyl-2-Pentanone	870	U
108-88-3	Toluene	440	U
10061-02-6	trans-1,3-Dichloropropene	870	U
79-00-5	1,1,2-Trichloroethane	870	U
127-18-4	Tetrachloroethene	440	U
591-78-6	2-Hexanone	870	U
126-48-1	Dibromochloromethane	870	U
108-90-7	Chlorobenzene	440	U
100-41-4	Ethylbenzene	870	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID: B-23

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4145 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4145.25

Sample wt/vol: 9.0 (g/ml) G Lab File ID: V05339.D

Level: (low/med) MED Date Received: 12/15/98

% Moisture: not dec. 36.69 Date Analyzed: 12/28/98

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	1300	U
1330-20-7	o-Xylene	870	U
100-42-5	Styrene	870	U
75-25-2	Bromoform	870	U
79-34-5	1,1,2,2-Tetrachloroethane	870	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **B-23**

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4145 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4145.25

Sample wt/vol: 9.0 (g/ml) G Lab File ID: V05339.D

Level: (low/med) MED Date Received: 12/15/98

% Moisture: not dec. 36.69 Date Analyzed: 12/28/98

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: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	14.24	8000	JN

000682

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID: B-24

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4145 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4145.27

Sample wt/vol: 9.7 (g/ml) G Lab File ID: V05340.D

Level: (low/med) MED Date Received: 12/15/98

% Moisture: not dec. 14.17 Date Analyzed: 12/28/98

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	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	3400	
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-24**

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4145 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4145.27

Sample wt/vol: 9.7 (g/ml) G Lab File ID: V05340.D

Level: (low/med) MED Date Received: 12/15/98

% Moisture: not dec. 14.17 Date Analyzed: 12/28/98

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
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-24**

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4145 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4145.27

Sample wt/vol: 9.7 (g/ml) G Lab File ID: V05340.D

Level: (low/med) MED Date Received: 12/15/98

% Moisture: not dec. 14.17 Date Analyzed: 12/28/98

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: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	14.24	5000	JN

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID: **B-25**

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4145 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4145.29

Sample wt/vol: 9.1 (g/ml) G Lab File ID: V05341.D

Level: (low/med) MED Date Received: 12/15/98

% Moisture: not dec. 18.2 Date Analyzed: 12/28/98

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	2400	U
107131	Acrylonitrile	2400	U
75650	tert-Butyl alcohol	4400	U
1634044	Methyl-tert-Butyl ether	1000	U
108203	Di-isopropyl ether	670	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	340	U
75-01-4	Vinyl Chloride	1000	U
74-83-9	Bromomethane	670	U
75-00-3	Chloroethane	1000	U
75-69-4	Trichlorofluoromethane	670	U
75-35-4	1,1-Dichloroethene	340	U
67-64-1	Acetone	670	U
75-15-0	Carbon Disulfide	340	U
75-09-2	Methylene Chloride	4900	
156-60-5	trans-1,2-Dichloroethene	670	U
75-35-3	1,1-Dichloroethane	340	U
108-05-4	Vinyl Acetate	1000	U
78-93-3	2-Butanone	1000	U
	cis-1,2-Dichloroethene	340	U
67-66-3	Chloroform	340	U
75-55-6	1,1,1-Trichloroethane	340	U
56-23-5	Carbon Tetrachloride	670	U
71-43-2	Benzene	340	U
107-06-2	1,2-Dichloroethane	670	U
79-01-6	Trichloroethene	340	U
78-87-5	1,2-Dichloropropane	340	U
75-27-4	Bromodichloromethane	340	U
110-75-8	2-Chloroethyl vinyl ether	670	U
10061-01-5	cis-1,3-Dichloropropene	340	U
108-10-1	4-Methyl-2-Pentanone	670	U
108-88-3	Toluene	340	U
10061-02-6	trans-1,3-Dichloropropene	670	U
79-00-5	1,1,2-Trichloroethane	670	U
127-18-4	Tetrachloroethene	340	U
591-78-6	2-Hexanone	670	U
126-48-1	Dibromochloromethane	670	U
108-90-7	Chlorobenzene	340	U
100-41-4	Ethylbenzene	670	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-25

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4145 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4145.29

Sample wt/vol: 9.1 (g/ml) G Lab File ID: V05341.D

Level: (low/med) MED Date Received: 12/15/98

% Moisture: not dec. 18.2 Date Analyzed: 12/28/98

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	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-25**

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4145 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4145.29

Sample wt/vol: 9.1 (g/ml) G Lab File ID: V05341.D

Level: (low/med) MED Date Received: 12/15/98

% Moisture: not dec. 18.2 Date Analyzed: 12/28/98

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: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	14.25	9000	JN

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID: **B-26**

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4145 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4145.31

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05342.D

Level: (low/med) MED Date Received: 12/15/98

% Moisture: not dec. 28.52 Date Analyzed: 12/28/98

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	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	4000	
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-26**

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4145 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4145.31

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05342.D

Level: (low/med) MED Date Received: 12/15/98

% Moisture: not dec. 28.52 Date Analyzed: 12/28/98

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	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-26**

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4145 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4145.31

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05342.D

Level: (low/med) MED Date Received: 12/15/98

% Moisture: not dec. 28.52 Date Analyzed: 12/28/98

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: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	14.24	6400	JN

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID: B-27

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4145 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4145.33

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05343.D

Level: (low/med) MED Date Received: 12/15/98

% Moisture: not dec. 9.77 Date Analyzed: 12/28/98

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	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3600	U
1634044	Methyl-tert-Butyl ether	830	U
108203	Di-isopropyl ether	550	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	830	U
74-83-9	Bromomethane	550	U
75-00-3	Chloroethane	830	U
75-69-4	Trichlorofluoromethane	550	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	550	U
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	3100	
156-60-5	trans-1,2-Dichloroethene	550	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	830	U
78-93-3	2-Butanone	830	U
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	280	U
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	550	U
71-43-2	Benzene	280	U
107-06-2	1,2-Dichloroethane	550	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	550	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	550	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	550	U
79-00-5	1,1,2-Trichloroethane	550	U
127-18-4	Tetrachloroethene	280	U
591-78-6	2-Hexanone	550	U
126-48-1	Dibromochloromethane	550	U
108-90-7	Chlorobenzene	280	U
100-41-4	Ethylbenzene	550	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID: **B-27**

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4145 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4145.33

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05343.D

Level: (low/med) MED Date Received: 12/15/98

% Moisture: not dec. 9.77 Date Analyzed: 12/28/98

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
1330-20-7	m+p-Xylenes	830	U
1330-20-7	o-Xylene	550	U
100-42-5	Styrene	550	U
75-25-2	Bromoform	550	U
79-34-5	1,1,2,2-Tetrachloroethane	550	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **B-27**

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4145 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4145.33

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05343.D

Level: (low/med) MED Date Received: 12/15/98

% Moisture: not dec. 9.77 Date Analyzed: 12/28/98

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: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	14.25	5400	JN

000694

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID: **B-28**

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4145 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4145.35

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V05344.D

Level: (low/med) MED Date Received: 12/15/98

% Moisture: not dec. 9.94 Date Analyzed: 12/28/98

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	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	3200	
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-28**

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4145 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4145.35

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V05344.D

Level: (low/med) MED Date Received: 12/15/98

% Moisture: not dec. 9.94 Date Analyzed: 12/28/98

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	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-28**

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4145 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4145.35

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V05344.D

Level: (low/med) MED Date Received: 12/15/98

% Moisture: not dec. 9.94 Date Analyzed: 12/28/98

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: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	14.24	5300	JN

1A

FIELD ID

VOLATILE ORGANICS ANALYSIS DATA SHEET

B-29

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4194 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4194.03

Sample wt/vol: 8.9 (g/ml) G Lab File ID: V05563.D

Level: (low/med) MED Date Received: 01/19/99

% Moisture: not dec. 15.31 Date Analyzed: 01/26/99

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	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-29**

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4194 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4194.03

Sample wt/vol: 8.9 (g/ml) G Lab File ID: V05563.D

Level: (low/med) MED Date Received: 01/19/99

% Moisture: not dec. 15.31 Date Analyzed: 01/26/99

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
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-29**

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4194 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4194.03

Sample wt/vol: 8.9 (g/ml) G Lab File ID: V05563.D

Level: (low/med) MED Date Received: 01/19/99

% Moisture: not dec. 15.31 Date Analyzed: 01/26/99

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.: 4194 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4194.05

Sample wt/vol: 8.0 (g/ml) G Lab File ID: V05564.D

Level: (low/med) MED Date Received: 01/19/99

% Moisture: not dec. 23.3 Date Analyzed: 01/26/99

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	2900	U
107131	Acrylonitrile	2900	U
75650	tert-Butyl alcohol	5300	U
1634044	Methyl-tert-Butyl ether	1200	U
108203	Di-isopropyl ether	820	U
	Dichlorodifluoromethane	1600	U
74-87-3	Chloromethane	410	U
75-01-4	Vinyl Chloride	1200	U
74-83-9	Bromomethane	820	U
75-00-3	Chloroethane	1200	U
75-69-4	Trichlorofluoromethane	820	U
75-35-4	1,1-Dichloroethene	410	U
67-64-1	Acetone	820	U
75-15-0	Carbon Disulfide	410	U
75-09-2	Methylene Chloride	820	U
156-60-5	trans-1,2-Dichloroethene	820	U
75-35-3	1,1-Dichloroethane	410	U
108-05-4	Vinyl Acetate	1200	U
78-93-3	2-Butanone	1200	U
	cis-1,2-Dichloroethene	410	U
67-66-3	Chloroform	410	U
75-55-6	1,1,1-Trichloroethane	410	U
56-23-5	Carbon Tetrachloride	820	U
71-43-2	Benzene	410	U
107-06-2	1,2-Dichloroethane	820	U
79-01-6	Trichloroethene	410	U
78-87-5	1,2-Dichloropropane	410	U
75-27-4	Bromodichloromethane	410	U
110-75-8	2-Chloroethyl vinyl ether	820	U
10061-01-5	cis-1,3-Dichloropropene	410	U
108-10-1	4-Methyl-2-Pentanone	820	U
108-88-3	Toluene	410	U
10061-02-6	trans-1,3-Dichloropropene	820	U
79-00-5	1,1,2-Trichloroethane	820	U
127-18-4	Tetrachloroethene	410	U
591-78-6	2-Hexanone	820	U
126-48-1	Dibromochloromethane	820	U
108-90-7	Chlorobenzene	410	U
100-41-4	Ethylbenzene	820	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID: **B-30**

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4194 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4194.05

Sample wt/vol: 8.0 (g/ml) G Lab File ID: V05564.D

Level: (low/med) MED Date Received: 01/19/99

% Moisture: not dec. 23.3 Date Analyzed: 01/26/99

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
1330-20-7	m+p-Xylenes	1200	U
1330-20-7	o-Xylene	820	U
100-42-5	Styrene	820	U
75-25-2	Bromoform	820	U
79-34-5	1,1,2,2-Tetrachloroethane	820	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **B-30**

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4194 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4194.05

Sample wt/vol: 8.0 (g/ml) G Lab File ID: V05564.D

Level: (low/med) MED Date Received: 01/19/99

% Moisture: not dec. 23.3 Date Analyzed: 01/26/99

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.: 4194 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4194.07

Sample wt/vol: 8.5 (g/ml) G Lab File ID: V05565.D

Level: (low/med) MED Date Received: 01/19/99

% Moisture: not dec. 12.61 Date Analyzed: 01/26/99

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	2400	U
107131	Acrylonitrile	2400	U
75650	tert-Butyl alcohol	4400	U
1634044	Methyl-tert-Butyl ether	1000	U
108203	Di-isopropyl ether	670	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	340	U
75-01-4	Vinyl Chloride	1000	U
74-83-9	Bromomethane	670	U
75-00-3	Chloroethane	1000	U
75-69-4	Trichlorofluoromethane	670	U
75-35-4	1,1-Dichloroethene	340	U
67-64-1	Acetone	670	U
75-15-0	Carbon Disulfide	340	U
75-09-2	Methylene Chloride	670	U
156-60-5	trans-1,2-Dichloroethene	670	U
75-35-3	1,1-Dichloroethane	340	U
108-05-4	Vinyl Acetate	1000	U
78-93-3	2-Butanone	1000	U
	cis-1,2-Dichloroethene	340	U
67-66-3	Chloroform	340	U
75-55-6	1,1,1-Trichloroethane	340	U
56-23-5	Carbon Tetrachloride	670	U
71-43-2	Benzene	340	U
107-06-2	1,2-Dichloroethane	670	U
79-01-6	Trichloroethene	340	U
78-87-5	1,2-Dichloropropane	340	U
75-27-4	Bromodichloromethane	340	U
110-75-8	2-Chloroethyl vinyl ether	670	U
10061-01-5	cis-1,3-Dichloropropene	340	U
108-10-1	4-Methyl-2-Pentanone	670	U
108-88-3	Toluene	340	U
10061-02-6	trans-1,3-Dichloropropene	670	U
79-00-5	1,1,2-Trichloroethane	670	U
127-18-4	Tetrachloroethene	340	U
591-78-6	2-Hexanone	670	U
126-48-1	Dibromochloromethane	670	U
108-90-7	Chlorobenzene	340	U
100-41-4	Ethylbenzene	670	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID: B-31

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4194 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4194.07

Sample wt/vol: 8.5 (g/ml) G Lab File ID: V05565.D

Level: (low/med) MED Date Received: 01/19/99

% Moisture: not dec. 12.61 Date Analyzed: 01/26/99

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
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-31

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4194 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4194.07

Sample wt/vol: 8.5 (g/ml) G Lab File ID: V05565.D

Level: (low/med) MED Date Received: 01/19/99

% Moisture: not dec. 12.61 Date Analyzed: 01/26/99

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.: 4194 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4194.09

Sample wt/vol: 9.2 (g/ml) G Lab File ID: V05566.D

Level: (low/med) MED Date Received: 01/19/99

% Moisture: not dec. 18.08 Date Analyzed: 01/26/99

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	1000	U
108203	Di-isopropyl ether	660	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	330	U
75-01-4	Vinyl Chloride	1000	U
74-83-9	Bromomethane	660	U
75-00-3	Chloroethane	1000	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	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	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-32**

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4194 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4194.09

Sample wt/vol: 9.2 (g/ml) G Lab File ID: V05566.D

Level: (low/med) MED Date Received: 01/19/99

% Moisture: not dec. 18.08 Date Analyzed: 01/26/99

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	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-32**

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4194 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4194.09

Sample wt/vol: 9.2 (g/ml) G Lab File ID: V05566.D

Level: (low/med) MED Date Received: 01/19/99

% Moisture: not dec. 18.08 Date Analyzed: 01/26/99

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

000709

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID: B-33

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4194 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4194.11

Sample wt/vol: 8.4 (g/ml) G Lab File ID: V05567.D

Level: (low/med) MED Date Received: 01/19/99

% Moisture: not dec. 10.71 Date Analyzed: 01/26/99

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	2300	U
107131	Acrylonitrile	2300	U
75650	tert-Butyl alcohol	4300	U
1634044	Methyl-tert-Butyl ether	1000	U
108203	Di-isopropyl ether	670	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	330	U
75-01-4	Vinyl Chloride	1000	U
74-83-9	Bromomethane	670	U
75-00-3	Chloroethane	1000	U
75-69-4	Trichlorofluoromethane	670	U
75-35-4	1,1-Dichloroethene	330	U
67-64-1	Acetone	670	U
75-15-0	Carbon Disulfide	330	U
75-09-2	Methylene Chloride	670	U
156-60-5	trans-1,2-Dichloroethene	670	U
75-35-3	1,1-Dichloroethane	330	U
108-05-4	Vinyl Acetate	1000	U
78-93-3	2-Butanone	1000	U
	cis-1,2-Dichloroethene	330	U
67-66-3	Chloroform	330	U
75-55-6	1,1,1-Trichloroethane	330	U
56-23-5	Carbon Tetrachloride	670	U
71-43-2	Benzene	330	U
107-06-2	1,2-Dichloroethane	670	U
79-01-6	Trichloroethene	330	U
78-87-5	1,2-Dichloropropane	330	U
75-27-4	Bromodichloromethane	330	U
110-75-8	2-Chloroethyl vinyl ether	670	U
10061-01-5	cis-1,3-Dichloropropene	330	U
108-10-1	4-Methyl-2-Pentanone	670	U
108-88-3	Toluene	330	U
10061-02-6	trans-1,3-Dichloropropene	670	U
79-00-5	1,1,2-Trichloroethane	670	U
127-18-4	Tetrachloroethene	330	U
591-78-6	2-Hexanone	670	U
126-48-1	Dibromochloromethane	670	U
108-90-7	Chlorobenzene	330	U
100-41-4	Ethylbenzene	670	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID: **B-33**

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4194 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4194.11

Sample wt/vol: 8.4 (g/ml) G Lab File ID: V05567.D

Level: (low/med) MED Date Received: 01/19/99

% Moisture: not dec. 10.71 Date Analyzed: 01/26/99

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-33

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4194 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4194.11

Sample wt/vol: 8.4 (g/ml) G Lab File ID: V05567.D

Level: (low/med) MED Date Received: 01/19/99

% Moisture: not dec. 10.71 Date Analyzed: 01/26/99

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.: 4194 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4194.13

Sample wt/vol: 8.6 (g/ml) G Lab File ID: V05568.D

Level: (low/med) MED Date Received: 01/19/99

% Moisture: not dec. 15.99 Date Analyzed: 01/26/99

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	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	350	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	350	U
67-64-1	Acetone	690	U
75-15-0	Carbon Disulfide	350	U
75-09-2	Methylene Chloride	690	U
156-60-5	trans-1,2-Dichloroethene	690	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	690	U
71-43-2	Benzene	350	U
107-06-2	1,2-Dichloroethane	690	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	690	U
10061-01-5	cis-1,3-Dichloropropene	350	U
108-10-1	4-Methyl-2-Pentanone	690	U
108-88-3	Toluene	350	U
10061-02-6	trans-1,3-Dichloropropene	690	U
79-00-5	1,1,2-Trichloroethane	690	U
127-18-4	Tetrachloroethene	350	U
591-78-6	2-Hexanone	690	U
126-48-1	Dibromochloromethane	690	U
108-90-7	Chlorobenzene	350	U
100-41-4	Ethylbenzene	690	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID: **B-34**

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4194 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4194.13

Sample wt/vol: 8.6 (g/ml) G Lab File ID: V05568.D

Level: (low/med) MED Date Received: 01/19/99

% Moisture: not dec. 15.99 Date Analyzed: 01/26/99

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-34**

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4194 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4194.13

Sample wt/vol: 8.6 (g/ml) G Lab File ID: V05568.D

Level: (low/med) MED Date Received: 01/19/99

% Moisture: not dec. 15.99 Date Analyzed: 01/26/99

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.: 4194 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4194.15

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V05569.D

Level: (low/med) MED Date Received: 01/19/99

% Moisture: not dec. 10.29 Date Analyzed: 01/26/99

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	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3600	U
1634044	Methyl-tert-Butyl ether	820	U
108203	Di-isopropyl ether	550	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	270	U
75-01-4	Vinyl Chloride	820	U
74-83-9	Bromomethane	550	U
75-00-3	Chloroethane	820	U
75-69-4	Trichlorofluoromethane	550	U
75-35-4	1,1-Dichloroethene	270	U
67-64-1	Acetone	550	U
75-15-0	Carbon Disulfide	270	U
75-09-2	Methylene Chloride	550	U
156-60-5	trans-1,2-Dichloroethene	550	U
75-35-3	1,1-Dichloroethane	270	U
108-05-4	Vinyl Acetate	820	U
78-93-3	2-Butanone	820	U
	cis-1,2-Dichloroethene	270	U
67-66-3	Chloroform	270	U
75-55-6	1,1,1-Trichloroethane	270	U
56-23-5	Carbon Tetrachloride	550	U
71-43-2	Benzene	270	U
107-06-2	1,2-Dichloroethane	550	U
79-01-6	Trichloroethene	270	U
78-87-5	1,2-Dichloropropane	270	U
75-27-4	Bromodichloromethane	270	U
110-75-8	2-Chloroethyl vinyl ether	550	U
10061-01-5	cis-1,3-Dichloropropene	270	U
108-10-1	4-Methyl-2-Pentanone	550	U
108-88-3	Toluene	270	U
10061-02-6	trans-1,3-Dichloropropene	550	U
79-00-5	1,1,2-Trichloroethane	550	U
127-18-4	Tetrachloroethene	270	U
591-78-6	2-Hexanone	550	U
126-48-1	Dibromochloromethane	550	U
108-90-7	Chlorobenzene	270	U
100-41-4	Ethylbenzene	550	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID: B-35

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4194 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4194.15

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V05569.D

Level: (low/med) MED Date Received: 01/19/99

% Moisture: not dec. 10.29 Date Analyzed: 01/26/99

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-35**

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4194 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4194.15

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V05569.D

Level: (low/med) MED Date Received: 01/19/99

% Moisture: not dec. 10.29 Date Analyzed: 01/26/99

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.: 4194 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4194.17

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V05570.D

Level: (low/med) MED Date Received: 01/19/99

% Moisture: not dec. 26.63 Date Analyzed: 01/26/99

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	2400	U
107131	Acrylonitrile	2400	U
75650	tert-Butyl alcohol	4400	U
1634044	Methyl-tert-Butyl ether	1000	U
108203	Di-isopropyl ether	680	U
	Dichlorodifluoromethane	1400	U
74-87-3	Chloromethane	340	U
75-01-4	Vinyl Chloride	1000	U
74-83-9	Bromomethane	680	U
75-00-3	Chloroethane	1000	U
75-69-4	Trichlorofluoromethane	680	U
75-35-4	1,1-Dichloroethene	340	U
67-64-1	Acetone	680	U
75-15-0	Carbon Disulfide	340	U
75-09-2	Methylene Chloride	680	U
156-60-5	trans-1,2-Dichloroethene	680	U
75-35-3	1,1-Dichloroethane	340	U
108-05-4	Vinyl Acetate	1000	U
78-93-3	2-Butanone	1000	U
	cis-1,2-Dichloroethene	340	U
67-66-3	Chloroform	340	U
75-55-6	1,1,1-Trichloroethane	340	U
56-23-5	Carbon Tetrachloride	680	U
71-43-2	Benzene	340	U
107-06-2	1,2-Dichloroethane	680	U
79-01-6	Trichloroethene	340	U
78-87-5	1,2-Dichloropropane	340	U
75-27-4	Bromodichloromethane	340	U
110-75-8	2-Chloroethyl vinyl ether	680	U
10061-01-5	cis-1,3-Dichloropropene	340	U
108-10-1	4-Methyl-2-Pentanone	680	U
108-88-3	Toluene	340	U
10061-02-6	trans-1,3-Dichloropropene	680	U
79-00-5	1,1,2-Trichloroethane	680	U
127-18-4	Tetrachloroethene	340	U
591-78-6	2-Hexanone	680	U
126-48-1	Dibromochloromethane	680	U
108-90-7	Chlorobenzene	340	U
100-41-4	Ethylbenzene	680	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID: **B-36**

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4194 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4194.17

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V05570.D

Level: (low/med) MED Date Received: 01/19/99

% Moisture: not dec. 26.63 Date Analyzed: 01/26/99

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
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-36**

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4194 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4194.17

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V05570.D

Level: (low/med) MED Date Received: 01/19/99

% Moisture: not dec. 26.63 Date Analyzed: 01/26/99

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.: 4194 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4194.19

Sample wt/vol: 9.3 (g/ml) G Lab File ID: V05571.D

Level: (low/med) MED Date Received: 01/19/99

% Moisture: not dec. 15.75 Date Analyzed: 01/26/99

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	4200	U
1634044	Methyl-tert-Butyl ether	960	U
108203	Di-isopropyl ether	640	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	320	U
75-01-4	Vinyl Chloride	960	U
74-83-9	Bromomethane	640	U
75-00-3	Chloroethane	960	U
75-69-4	Trichlorofluoromethane	640	U
75-35-4	1,1-Dichloroethene	320	U
67-64-1	Acetone	640	U
75-15-0	Carbon Disulfide	320	U
75-09-2	Methylene Chloride	640	U
156-60-5	trans-1,2-Dichloroethene	640	U
75-35-3	1,1-Dichloroethane	320	U
108-05-4	Vinyl Acetate	960	U
78-93-3	2-Butanone	960	U
	cis-1,2-Dichloroethene	320	U
67-66-3	Chloroform	320	U
75-55-6	1,1,1-Trichloroethane	320	U
56-23-5	Carbon Tetrachloride	640	U
71-43-2	Benzene	320	U
107-06-2	1,2-Dichloroethane	640	U
79-01-6	Trichloroethene	320	U
78-87-5	1,2-Dichloropropane	320	U
75-27-4	Bromodichloromethane	320	U
110-75-8	2-Chloroethyl vinyl ether	640	U
10061-01-5	cis-1,3-Dichloropropene	320	U
108-10-1	4-Methyl-2-Pentanone	640	U
108-88-3	Toluene	320	U
10061-02-6	trans-1,3-Dichloropropene	640	U
79-00-5	1,1,2-Trichloroethane	640	U
127-18-4	Tetrachloroethene	320	U
591-78-6	2-Hexanone	640	U
126-48-1	Dibromochloromethane	640	U
108-90-7	Chlorobenzene	320	U
100-41-4	Ethylbenzene	640	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID: **B-37**

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4194 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4194.19

Sample wt/vol: 9.3 (g/ml) G Lab File ID: V05571.D

Level: (low/med) MED Date Received: 01/19/99

% Moisture: not dec. 15.75 Date Analyzed: 01/26/99

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
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-37**

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4194 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4194.19

Sample wt/vol: 9.3 (g/ml) G Lab File ID: V05571.D

Level: (low/med) MED Date Received: 01/19/99

% Moisture: not dec. 15.75 Date Analyzed: 01/26/99

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.: 4194 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4194.21

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V05572.D

Level: (low/med) MED Date Received: 01/19/99

% Moisture: not dec. 17.28 Date Analyzed: 01/26/99

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	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-38**

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4194 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4194.21

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V05572.D

Level: (low/med) MED Date Received: 01/19/99

% Moisture: not dec. 17.28 Date Analyzed: 01/26/99

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
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 FIELD ID

TENTATIVELY IDENTIFIED COMPOUNDS

B-38

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4194 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4194.21

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V05572.D

Level: (low/med) MED Date Received: 01/19/99

% Moisture: not dec. 17.28 Date Analyzed: 01/26/99

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.: 4194 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4194.23

Sample wt/vol: 9.0 (g/ml) G Lab File ID: V05573.D

Level: (low/med) MED Date Received: 01/19/99

% Moisture: not dec. 6.93 Date Analyzed: 01/26/99

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	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-39

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4194 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4194.23

Sample wt/vol: 9.0 (g/ml) G Lab File ID: V05573.D

Level: (low/med) MED Date Received: 01/19/99

% Moisture: not dec. 6.93 Date Analyzed: 01/26/99

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
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 FIELD ID

TENTATIVELY IDENTIFIED COMPOUNDS

B-39

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4194 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4194.23

Sample wt/vol: 9.0 (g/ml) G Lab File ID: V05573.D

Level: (low/med) MED Date Received: 01/19/99

% Moisture: not dec. 6.93 Date Analyzed: 01/26/99

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.: 4194 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4194.25

Sample wt/vol: 10.3 (g/ml) G Lab File ID: V05574.D

Level: (low/med) MED Date Received: 01/19/99

% Moisture: not dec. 11.42 Date Analyzed: 01/26/99

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	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3600	U
1634044	Methyl-tert-Butyl ether	820	U
108203	Di-isopropyl ether	550	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	270	U
75-01-4	Vinyl Chloride	820	U
74-83-9	Bromomethane	550	U
75-00-3	Chloroethane	820	U
75-69-4	Trichlorofluoromethane	550	U
75-35-4	1,1-Dichloroethene	270	U
67-64-1	Acetone	550	U
75-15-0	Carbon Disulfide	270	U
75-09-2	Methylene Chloride	550	U
156-60-5	trans-1,2-Dichloroethene	550	U
75-35-3	1,1-Dichloroethane	270	U
108-05-4	Vinyl Acetate	820	U
78-93-3	2-Butanone	820	U
	cis-1,2-Dichloroethene	270	U
67-66-3	Chloroform	270	U
75-55-6	1,1,1-Trichloroethane	270	U
56-23-5	Carbon Tetrachloride	550	U
71-43-2	Benzene	270	U
107-06-2	1,2-Dichloroethane	550	U
79-01-6	Trichloroethene	270	U
78-87-5	1,2-Dichloropropane	270	U
75-27-4	Bromodichloromethane	270	U
110-75-8	2-Chloroethyl vinyl ether	550	U
10061-01-5	cis-1,3-Dichloropropene	270	U
108-10-1	4-Methyl-2-Pentanone	550	U
108-88-3	Toluene	270	U
10061-02-6	trans-1,3-Dichloropropene	550	U
79-00-5	1,1,2-Trichloroethane	550	U
127-18-4	Tetrachloroethene	270	U
591-78-6	2-Hexanone	550	U
126-48-1	Dibromochloromethane	550	U
108-90-7	Chlorobenzene	270	U
100-41-4	Ethylbenzene	550	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID: **B-40**

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4194 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4194.25

Sample wt/vol: 10.3 (g/ml) G Lab File ID: V05574.D

Level: (low/med) MED Date Received: 01/19/99

% Moisture: not dec. 11.42 Date Analyzed: 01/26/99

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
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-40**

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4194 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4194.25

Sample wt/vol: 10.3 (g/ml) G Lab File ID: V05574.D

Level: (low/med) MED Date Received: 01/19/99

% Moisture: not dec. 11.42 Date Analyzed: 01/26/99

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

000733

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID: B-41

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4194 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4194.27

Sample wt/vol: 9.4 (g/ml) G Lab File ID: V05575.D

Level: (low/med) MED Date Received: 01/19/99

% Moisture: not dec. 17.09 Date Analyzed: 01/26/99

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	4200	U
1634044	Methyl-tert-Butyl ether	960	U
108203	Di-isopropyl ether	640	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	320	U
75-01-4	Vinyl Chloride	960	U
74-83-9	Bromomethane	640	U
75-00-3	Chloroethane	960	U
75-69-4	Trichlorofluoromethane	640	U
75-35-4	1,1-Dichloroethene	320	U
67-64-1	Acetone	640	U
75-15-0	Carbon Disulfide	320	U
75-09-2	Methylene Chloride	640	U
156-60-5	trans-1,2-Dichloroethene	640	U
75-35-3	1,1-Dichloroethane	320	U
108-05-4	Vinyl Acetate	960	U
78-93-3	2-Butanone	960	U
	cis-1,2-Dichloroethene	320	U
67-66-3	Chloroform	320	U
75-55-6	1,1,1-Trichloroethane	320	U
56-23-5	Carbon Tetrachloride	640	U
71-43-2	Benzene	320	U
107-06-2	1,2-Dichloroethane	640	U
79-01-6	Trichloroethene	320	U
78-87-5	1,2-Dichloropropane	320	U
75-27-4	Bromodichloromethane	320	U
110-75-8	2-Chloroethyl vinyl ether	640	U
10061-01-5	cis-1,3-Dichloropropene	320	U
108-10-1	4-Methyl-2-Pentanone	640	U
108-88-3	Toluene	320	U
10061-02-6	trans-1,3-Dichloropropene	640	U
79-00-5	1,1,2-Trichloroethane	640	U
127-18-4	Tetrachloroethene	320	U
591-78-6	2-Hexanone	640	U
126-48-1	Dibromochloromethane	640	U
108-90-7	Chlorobenzene	320	U
100-41-4	Ethylbenzene	640	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID: **B-41**

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4194 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4194.27

Sample wt/vol: 9.4 (g/ml) G Lab File ID: V05575.D

Level: (low/med) MED Date Received: 01/19/99

% Moisture: not dec. 17.09 Date Analyzed: 01/26/99

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-41**

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4194 Location M-8 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4194.27

Sample wt/vol: 9.4 (g/ml) G Lab File ID: V05575.D

Level: (low/med) MED Date Received: 01/19/99

% Moisture: not dec. 17.09 Date Analyzed: 01/26/99

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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

1A

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4351 SDG No: Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4351.03

Sample wt/vol: 9.5 (g/ml) G Lab File ID: VB03114.D

Level: (low/med) MED Date Received: 3/16/99

% Moisture: not dec. 28.27 Date Analyzed: 3/23/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2600	U
107131	Acrylonitrile	2600	U
75650	tert-Butyl alcohol	4800	U
1634044	Methyl-tert-Butyl ether	1100	U
108203	Di-isopropyl ether	730	U
	Dichlorodifluoromethane	1500	U
74-87-3	Chloromethane	370	U
75-01-4	Vinyl Chloride	1100	U
74-83-9	Bromomethane	730	U
75-00-3	Chloroethane	1100	U
75-69-4	Trichlorofluoromethane	730	U
75-35-4	1,1-Dichloroethene	370	U
67-64-1	Acetone	730	U
75-15-0	Carbon Disulfide	370	U
75-09-2	Methylene Chloride	730	U
156-60-5	trans-1,2-Dichloroethene	730	U
75-35-3	1,1-Dichloroethane	370	U
108-05-4	Vinyl Acetate	1100	U
78-93-3	2-Butanone	1100	U
	cis-1,2-Dichloroethene	370	U
67-66-3	Chloroform	370	U
75-55-6	1,1,1-Trichloroethane	370	U
56-23-5	Carbon Tetrachloride	730	U
71-43-2	Benzene	370	U
107-06-2	1,2-Dichloroethane	730	U
79-01-6	Trichloroethene	370	U
78-87-5	1,2-Dichloropropane	370	U
75-27-4	Bromodichloromethane	370	U
110-75-8	2-Chloroethyl vinyl ether	730	U
10061-01-5	cis-1,3-Dichloropropene	370	U
108-10-1	4-Methyl-2-Pentanone	730	U
108-88-3	Toluene	370	U
10061-02-6	trans-1,3-Dichloropropene	730	U
79-00-5	1,1,2-Trichloroethane	730	U
127-18-4	Tetrachloroethene	370	U
591-78-6	2-Hexanone	730	U
126-48-1	Dibromochloromethane	730	U
108-90-7	Chlorobenzene	370	U
100-41-4	Ethylbenzene	730	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

1A

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4351 SDG No: Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4351.03

Sample wt/vol: 9.5 (g/ml) G Lab File ID: VB03114.D

Level: (low/med) MED Date Received: 3/16/99

% Moisture: not dec. 28.27 Date Analyzed: 3/23/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
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.

1A

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4351 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4351.03

Sample wt/vol: 9.5 (g/ml) G Lab File ID: VB03114.D

Level: (low/med) MED Date Received: 3/16/99

% Moisture: not dec. 28.27 Date Analyzed: 3/23/99

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.

2B

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4351 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4351.05

Sample wt/vol: 10.4 (g/ml) G Lab File ID: VB03115.D

Level: (low/med) MED Date Received: 3/16/99

% Moisture: not dec. 11.77 Date Analyzed: 3/23/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3600	U
1634044	Methyl-tert-Butyl ether	820	U
108203	Di-isopropyl ether	550	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	270	U
75-01-4	Vinyl Chloride	820	U
74-83-9	Bromomethane	550	U
75-00-3	Chloroethane	820	U
75-69-4	Trichlorofluoromethane	550	U
75-35-4	1,1-Dichloroethene	270	U
67-64-1	Acetone	550	U
75-15-0	Carbon Disulfide	270	U
75-09-2	Methylene Chloride	550	U
156-60-5	trans-1,2-Dichloroethene	550	U
75-35-3	1,1-Dichloroethane	270	U
108-05-4	Vinyl Acetate	820	U
78-93-3	2-Butanone	820	U
	cis-1,2-Dichloroethene	270	U
67-66-3	Chloroform	270	U
75-55-6	1,1,1-Trichloroethane	270	U
56-23-5	Carbon Tetrachloride	550	U
71-43-2	Benzene	270	U
107-06-2	1,2-Dichloroethane	550	U
79-01-6	Trichloroethene	270	U
78-87-5	1,2-Dichloropropane	270	U
75-27-4	Bromodichloromethane	270	U
110-75-8	2-Chloroethyl vinyl ether	550	U
10061-01-5	cis-1,3-Dichloropropene	270	U
108-10-1	4-Methyl-2-Pentanone	550	U
108-88-3	Toluene	270	U
10061-02-6	trans-1,3-Dichloropropene	550	U
79-00-5	1,1,2-Trichloroethane	550	U
127-18-4	Tetrachloroethene	270	U
591-78-6	2-Hexanone	550	U
126-48-1	Dibromochloromethane	550	U
108-90-7	Chlorobenzene	270	U
100-41-4	Ethylbenzene	550	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

2B

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4351 SDG No: Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4351.05

Sample wt/vol: 10.4 (g/ml) G Lab File ID: VB03115.D

Level: (low/med) MED Date Received: 3/16/99

% Moisture: not dec. 11.77 Date Analyzed: 3/23/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
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.

2B

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4351 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4351.05

Sample wt/vol: 10.4 (g/ml) G Lab File ID: VB03115.D

Level: (low/med) MED Date Received: 3/16/99

% Moisture: not dec. 11.77 Date Analyzed: 3/23/99

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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

3C

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4351 SDG No: Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4351.07

Sample wt/vol: 10.5 (g/ml) G Lab File ID: VB03116.D

Level: (low/med) MED Date Received: 3/16/99

% Moisture: not dec. 13.2 Date Analyzed: 3/23/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3500	U
1634044	Methyl-tert-Butyl ether	820	U
108203	Di-isopropyl ether	550	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	270	U
75-01-4	Vinyl Chloride	820	U
74-83-9	Bromomethane	550	U
75-00-3	Chloroethane	820	U
75-69-4	Trichlorofluoromethane	550	U
75-35-4	1,1-Dichloroethene	270	U
67-64-1	Acetone	550	U
75-15-0	Carbon Disulfide	270	U
75-09-2	Methylene Chloride	550	U
156-60-5	trans-1,2-Dichloroethene	550	U
75-35-3	1,1-Dichloroethane	270	U
108-05-4	Vinyl Acetate	820	U
78-93-3	2-Butanone	820	U
	cis-1,2-Dichloroethene	270	U
67-66-3	Chloroform	270	U
75-55-6	1,1,1-Trichloroethane	270	U
56-23-5	Carbon Tetrachloride	550	U
71-43-2	Benzene	270	U
107-06-2	1,2-Dichloroethane	550	U
79-01-6	Trichloroethene	270	U
78-87-5	1,2-Dichloropropane	270	U
75-27-4	Bromodichloromethane	270	U
110-75-8	2-Chloroethyl vinyl ether	550	U
10061-01-5	cis-1,3-Dichloropropene	270	U
108-10-1	4-Methyl-2-Pentanone	550	U
108-88-3	Toluene	270	U
10061-02-6	trans-1,3-Dichloropropene	550	U
79-00-5	1,1,2-Trichloroethane	550	U
127-18-4	Tetrachloroethene	270	U
591-78-6	2-Hexanone	550	U
126-48-1	Dibromochloromethane	550	U
108-90-7	Chlorobenzene	270	U
100-41-4	Ethylbenzene	550	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

3C

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4351 SDG No: Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4351.07

Sample wt/vol: 10.5 (g/ml) G Lab File ID: VB03116.D

Level: (low/med) MED Date Received: 3/16/99

% Moisture: not dec. 13.2 Date Analyzed: 3/23/99

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	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.

3C

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4351 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4351.07

Sample wt/vol: 10.5 (g/ml) G Lab File ID: VB03116.D

Level: (low/med) MED Date Received: 3/16/99

% Moisture: not dec. 13.2 Date Analyzed: 3/23/99

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

000745

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

4D

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4351 SDG No: Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4351.09

Sample wt/vol: 10.5 (g/ml) G Lab File ID: VB03117.D

Level: (low/med) MED Date Received: 3/16/99

% Moisture: not dec. 15.87 Date Analyzed: 3/23/99

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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

4D

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4351 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4351.09

Sample wt/vol: 10.5 (g/ml) G Lab File ID: VB03117.D

Level: (low/med) MED Date Received: 3/16/99

% Moisture: not dec. 15.87 Date Analyzed: 3/23/99

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.

4D

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4351 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4351.09

Sample wt/vol: 10.5 (g/ml) G Lab File ID: VB03117.D

Level: (low/med) MED Date Received: 3/16/99

% Moisture: not dec. 15.87 Date Analyzed: 3/23/99

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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

5E

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4351 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4351.11

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VB03121.D

Level: (low/med) MED Date Received: 3/16/99

% Moisture: not dec. 21.78 Date Analyzed: 3/23/99

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	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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

5E

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4351 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4351.11

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VB03121.D

Level: (low/med) MED Date Received: 3/16/99

% Moisture: not dec. 21.78 Date Analyzed: 3/23/99

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	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.

5E

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4351 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4351.11

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VB03121.D

Level: (low/med) MED Date Received: 3/16/99

% Moisture: not dec. 21.78 Date Analyzed: 3/23/99

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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

6F

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4351 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4351.13

Sample wt/vol: 11.2 (g/ml) G Lab File ID: VB03122.D

Level: (low/med) MED Date Received: 3/16/99

% Moisture: not dec. 38.82 Date Analyzed: 3/23/99

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	2600	U
107131	Acrylonitrile	2600	U
75650	tert-Butyl alcohol	4800	U
1634044	Methyl-tert-Butyl ether	1100	U
108203	Di-isopropyl ether	730	U
	Dichlorodifluoromethane	1500	U
74-87-3	Chloromethane	370	U
75-01-4	Vinyl Chloride	1100	U
74-83-9	Bromomethane	730	U
75-00-3	Chloroethane	1100	U
75-69-4	Trichlorofluoromethane	730	U
75-35-4	1,1-Dichloroethene	370	U
67-64-1	Acetone	730	U
75-15-0	Carbon Disulfide	370	U
75-09-2	Methylene Chloride	730	U
156-60-5	trans-1,2-Dichloroethene	730	U
75-35-3	1,1-Dichloroethane	370	U
108-05-4	Vinyl Acetate	1100	U
78-93-3	2-Butanone	1100	U
	cis-1,2-Dichloroethene	370	U
67-66-3	Chloroform	370	U
75-55-6	1,1,1-Trichloroethane	370	U
56-23-5	Carbon Tetrachloride	730	U
71-43-2	Benzene	370	U
107-06-2	1,2-Dichloroethane	730	U
79-01-6	Trichloroethene	370	U
78-87-5	1,2-Dichloropropane	370	U
75-27-4	Bromodichloromethane	370	U
110-75-8	2-Chloroethyl vinyl ether	730	U
10061-01-5	cis-1,3-Dichloropropene	370	U
108-10-1	4-Methyl-2-Pentanone	730	U
108-88-3	Toluene	370	U
10061-02-6	trans-1,3-Dichloropropene	730	U
79-00-5	1,1,2-Trichloroethane	730	U
127-18-4	Tetrachloroethene	370	U
591-78-6	2-Hexanone	730	U
126-48-1	Dibromochloromethane	730	U
108-90-7	Chlorobenzene	370	U
100-41-4	Ethylbenzene	730	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

6F

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4351 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4351.13

Sample wt/vol: 11.2 (g/ml) G Lab File ID: VB03122.D

Level: (low/med) MED Date Received: 3/16/99

% Moisture: not dec. 38.82 Date Analyzed: 3/23/99

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	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.

6F

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4351 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4351.13

Sample wt/vol: 11.2 (g/ml) G Lab File ID: VB03122.D

Level: (low/med) MED Date Received: 3/16/99

% Moisture: not dec. 38.82 Date Analyzed: 3/23/99

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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

7G

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4351 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4351.15

Sample wt/vol: 11.6 (g/ml) G Lab File ID: VB03123.D

Level: (low/med) MED Date Received: 3/16/99

% Moisture: not dec. 9.93 Date Analyzed: 3/23/99

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	1700	U
107131	Acrylonitrile	1700	U
75650	tert-Butyl alcohol	3100	U
1634044	Methyl-tert-Butyl ether	720	U
108203	Di-isopropyl ether	480	U
	Dichlorodifluoromethane	960	U
74-87-3	Chloromethane	240	U
75-01-4	Vinyl Chloride	720	U
74-83-9	Bromomethane	480	U
75-00-3	Chloroethane	720	U
75-69-4	Trichlorofluoromethane	480	U
75-35-4	1,1-Dichloroethene	240	U
67-64-1	Acetone	480	U
75-15-0	Carbon Disulfide	240	U
75-09-2	Methylene Chloride	480	U
156-60-5	trans-1,2-Dichloroethene	480	U
75-35-3	1,1-Dichloroethane	240	U
108-05-4	Vinyl Acetate	720	U
78-93-3	2-Butanone	720	U
	cis-1,2-Dichloroethene	240	U
67-66-3	Chloroform	240	U
75-55-6	1,1,1-Trichloroethane	240	U
56-23-5	Carbon Tetrachloride	480	U
71-43-2	Benzene	240	U
107-06-2	1,2-Dichloroethane	480	U
79-01-6	Trichloroethene	240	U
78-87-5	1,2-Dichloropropane	240	U
75-27-4	Bromodichloromethane	240	U
110-75-8	2-Chloroethyl vinyl ether	480	U
10061-01-5	cis-1,3-Dichloropropene	240	U
108-10-1	4-Methyl-2-Pentanone	480	U
108-88-3	Toluene	240	U
10061-02-6	trans-1,3-Dichloropropene	480	U
79-00-5	1,1,2-Trichloroethane	480	U
127-18-4	Tetrachloroethene	240	U
591-78-6	2-Hexanone	480	U
126-48-1	Dibromochloromethane	480	U
108-90-7	Chlorobenzene	240	U
100-41-4	Ethylbenzene	480	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

7G

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4351 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4351.15

Sample wt/vol: 11.6 (g/ml) G Lab File ID: VB03123.D

Level: (low/med) MED Date Received: 3/16/99

% Moisture: not dec. 9.93 Date Analyzed: 3/23/99

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	720	U
1330-20-7	o-Xylene	480	U
100-42-5	Styrene	480	U
75-25-2	Bromoform	480	U
79-34-5	1,1,2,2-Tetrachloroethane	480	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

7G

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4351 SDG No: Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4351.15

Sample wt/vol: 11.6 (g/ml) G Lab File ID: VB03123.D

Level: (low/med) MED Date Received: 3/16/99

% Moisture: not dec. 9.93 Date Analyzed: 3/23/99

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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

8H

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4351 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4351.17

Sample wt/vol: 10.4 (g/ml) G Lab File ID: VB03124.D

Level: (low/med) MED Date Received: 3/16/99

% Moisture: not dec. 25.12 Date Analyzed: 3/23/99

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	4200	U
1634044	Methyl-tert-Butyl ether	960	U
108203	Di-isopropyl ether	640	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	320	U
75-01-4	Vinyl Chloride	960	U
74-83-9	Bromomethane	640	U
75-00-3	Chloroethane	960	U
75-69-4	Trichlorofluoromethane	640	U
75-35-4	1,1-Dichloroethene	320	U
67-64-1	Acetone	640	U
75-15-0	Carbon Disulfide	320	U
75-09-2	Methylene Chloride	640	U
156-60-5	trans-1,2-Dichloroethene	640	U
75-35-3	1,1-Dichloroethane	320	U
108-05-4	Vinyl Acetate	960	U
78-93-3	2-Butanone	960	U
	cis-1,2-Dichloroethene	320	U
67-66-3	Chloroform	320	U
75-55-6	1,1,1-Trichloroethane	320	U
56-23-5	Carbon Tetrachloride	640	U
71-43-2	Benzene	320	U
107-06-2	1,2-Dichloroethane	640	U
79-01-6	Trichloroethene	320	U
78-87-5	1,2-Dichloropropane	320	U
75-27-4	Bromodichloromethane	320	U
110-75-8	2-Chloroethyl vinyl ether	640	U
10061-01-5	cis-1,3-Dichloropropene	320	U
108-10-1	4-Methyl-2-Pentanone	640	U
108-88-3	Toluene	320	U
10061-02-6	trans-1,3-Dichloropropene	640	U
79-00-5	1,1,2-Trichloroethane	640	U
127-18-4	Tetrachloroethene	320	U
591-78-6	2-Hexanone	640	U
126-48-1	Dibromochloromethane	640	U
108-90-7	Chlorobenzene	320	U
100-41-4	Ethylbenzene	640	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

8H

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4351 SDG No: Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4351.17

Sample wt/vol: 10.4 (g/ml) G Lab File ID: VB03124.D

Level: (low/med) MED Date Received: 3/16/99

% Moisture: not dec. 25.12 Date Analyzed: 3/23/99

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	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.

8H

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4351 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4351.17

Sample wt/vol: 10.4 (g/ml) G Lab File ID: VB03124.D

Level: (low/med) MED Date Received: 3/16/99

% Moisture: not dec. 25.12 Date Analyzed: 3/23/99

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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

91

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4351 SDG No: Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4351.19

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VB03125.D

Level: (low/med) MED Date Received: 3/16/99

% Moisture: not dec. 34.23 Date Analyzed: 3/23/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2600	U
107131	Acrylonitrile	2600	U
75650	tert-Butyl alcohol	4800	U
1634044	Methyl-tert-Butyl ether	1100	U
108203	Di-isopropyl ether	740	U
	Dichlorodifluoromethane	1500	U
74-87-3	Chloromethane	370	U
75-01-4	Vinyl Chloride	1100	U
74-83-9	Bromomethane	740	U
75-00-3	Chloroethane	1100	U
75-69-4	Trichlorofluoromethane	740	U
75-35-4	1,1-Dichloroethene	370	U
67-64-1	Acetone	740	U
75-15-0	Carbon Disulfide	370	U
75-09-2	Methylene Chloride	740	U
156-60-5	trans-1,2-Dichloroethene	740	U
75-35-3	1,1-Dichloroethane	370	U
108-05-4	Vinyl Acetate	1100	U
78-93-3	2-Butanone	1100	U
	cis-1,2-Dichloroethene	370	U
67-66-3	Chloroform	370	U
75-55-6	1,1,1-Trichloroethane	370	U
56-23-5	Carbon Tetrachloride	740	U
71-43-2	Benzene	370	U
107-06-2	1,2-Dichloroethane	740	U
79-01-6	Trichloroethene	370	U
78-87-5	1,2-Dichloropropane	370	U
75-27-4	Bromodichloromethane	370	U
110-75-8	2-Chloroethyl vinyl ether	740	U
10061-01-5	cis-1,3-Dichloropropene	370	U
108-10-1	4-Methyl-2-Pentanone	740	U
108-88-3	Toluene	370	U
10061-02-6	trans-1,3-Dichloropropene	740	U
79-00-5	1,1,2-Trichloroethane	740	U
127-18-4	Tetrachloroethene	370	U
591-78-6	2-Hexanone	740	U
126-48-1	Dibromochloromethane	740	U
108-90-7	Chlorobenzene	370	U
100-41-4	Ethylbenzene	740	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

9I

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4351 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4351.19

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VB03125.D

Level: (low/med) MED Date Received: 3/16/99

% Moisture: not dec. 34.23 Date Analyzed: 3/23/99

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	1100	U
1330-20-7	o-Xylene	740	U
100-42-5	Styrene	740	U
75-25-2	Bromoform	740	U
79-34-5	1,1,2,2-Tetrachloroethane	740	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

9I

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4351 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4351.19

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VB03125.D

Level: (low/med) MED Date Received: 3/16/99

% Moisture: not dec. 34.23 Date Analyzed: 3/23/99

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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

10J

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4351 SDG No: Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4351.21

Sample wt/vol: 11.4 (g/ml) G Lab File ID: VB03126.D

Level: (low/med) MED Date Received: 3/16/99

% Moisture: not dec. 34.23 Date Analyzed: 3/23/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2300	U
107131	Acrylonitrile	2300	U
75650	tert-Butyl alcohol	4300	U
1634044	Methyl-tert-Butyl ether	1000	U
108203	Di-isopropyl ether	670	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	330	U
75-01-4	Vinyl Chloride	1000	U
74-83-9	Bromomethane	670	U
75-00-3	Chloroethane	1000	U
75-69-4	Trichlorofluoromethane	670	U
75-35-4	1,1-Dichloroethene	330	U
67-64-1	Acetone	670	U
75-15-0	Carbon Disulfide	330	U
75-09-2	Methylene Chloride	670	U
156-60-5	trans-1,2-Dichloroethene	670	U
75-35-3	1,1-Dichloroethane	330	U
108-05-4	Vinyl Acetate	1000	U
78-93-3	2-Butanone	1000	U
	cis-1,2-Dichloroethene	330	U
67-66-3	Chloroform	330	U
75-55-6	1,1,1-Trichloroethane	330	U
56-23-5	Carbon Tetrachloride	670	U
71-43-2	Benzene	330	U
107-06-2	1,2-Dichloroethane	670	U
79-01-6	Trichloroethene	330	U
78-87-5	1,2-Dichloropropane	330	U
75-27-4	Bromodichloromethane	330	U
110-75-8	2-Chloroethyl vinyl ether	670	U
10061-01-5	cis-1,3-Dichloropropene	330	U
108-10-1	4-Methyl-2-Pentanone	670	U
108-88-3	Toluene	330	U
10061-02-6	trans-1,3-Dichloropropene	670	U
79-00-5	1,1,2-Trichloroethane	670	U
127-18-4	Tetrachloroethene	330	U
591-78-6	2-Hexanone	670	U
126-48-1	Dibromochloromethane	670	U
108-90-7	Chlorobenzene	330	U
100-41-4	Ethylbenzene	670	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

10J

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4351 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4351.21

Sample wt/vol: 11.4 (g/ml) G Lab File ID: VB03126.D

Level: (low/med) MED Date Received: 3/16/99

% Moisture: not dec. 34.23 Date Analyzed: 3/23/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
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.

10J

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4351 SDG No: Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4351.21

Sample wt/vol: 11.4 (g/ml) G Lab File ID: VB03126.D

Level: (low/med) MED Date Received: 3/16/99

% Moisture: not dec. 34.23 Date Analyzed: 3/23/99

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

000766

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

11K

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4351 SDG No: Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4351.23

Sample wt/vol: 8.8 (g/ml) G Lab File ID: VB03127.D

Level: (low/med) MED Date Received: 3/16/99

% Moisture: not dec. 35.68 Date Analyzed: 3/23/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	3100	U
107131	Acrylonitrile	3100	U
75650	tert-Butyl alcohol	5800	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	620	
100-41-4	Ethylbenzene	880	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

11K

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4351 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4351.23

Sample wt/vol: 8.8 (g/ml) G Lab File ID: VB03127.D

Level: (low/med) MED Date Received: 3/16/99

% Moisture: not dec. 35.68 Date Analyzed: 3/23/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
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.

11K

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4351 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4351.23

Sample wt/vol: 8.8 (g/ml) G Lab File ID: VB03127.D

Level: (low/med) MED Date Received: 3/16/99

% Moisture: not dec. 35.68 Date Analyzed: 3/23/99

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: 2

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	30.16	3100	J
2. 000526-73-8	Benzene, 1,2,3-trimethyl-	33.20	5200	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

12L

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4351 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4351.25

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VB03128.D

Level: (low/med) MED Date Received: 3/16/99

% Moisture: not dec. 23.74 Date Analyzed: 3/23/99

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	2400	U
107131	Acrylonitrile	2400	U
75650	tert-Butyl alcohol	4400	U
1634044	Methyl-tert-Butyl ether	1000	U
108203	Di-isopropyl ether	680	U
	Dichlorodifluoromethane	1400	U
74-87-3	Chloromethane	340	U
75-01-4	Vinyl Chloride	1000	U
74-83-9	Bromomethane	680	U
75-00-3	Chloroethane	1000	U
75-69-4	Trichlorofluoromethane	680	U
75-35-4	1,1-Dichloroethene	340	U
67-64-1	Acetone	680	U
75-15-0	Carbon Disulfide	340	U
75-09-2	Methylene Chloride	680	U
156-60-5	trans-1,2-Dichloroethene	680	U
75-35-3	1,1-Dichloroethane	340	U
108-05-4	Vinyl Acetate	1000	U
78-93-3	2-Butanone	1000	U
	cis-1,2-Dichloroethene	340	U
67-66-3	Chloroform	340	U
75-55-6	1,1,1-Trichloroethane	340	U
56-23-5	Carbon Tetrachloride	680	U
71-43-2	Benzene	340	U
107-06-2	1,2-Dichloroethane	680	U
79-01-6	Trichloroethene	340	U
78-87-5	1,2-Dichloropropane	340	U
75-27-4	Bromodichloromethane	340	U
110-75-8	2-Chloroethyl vinyl ether	680	U
10061-01-5	cis-1,3-Dichloropropene	340	U
108-10-1	4-Methyl-2-Pentanone	680	U
108-88-3	Toluene	340	U
10061-02-6	trans-1,3-Dichloropropene	680	U
79-00-5	1,1,2-Trichloroethane	680	U
127-18-4	Tetrachloroethene	340	U
591-78-6	2-Hexanone	680	U
126-48-1	Dibromochloromethane	680	U
108-90-7	Chlorobenzene	340	U
100-41-4	Ethylbenzene	680	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

12L

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4351 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4351.25

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VB03128.D

Level: (low/med) MED Date Received: 3/16/99

% Moisture: not dec. 23.74 Date Analyzed: 3/23/99

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	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.

12L

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4351 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4351.25

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VB03128.D

Level: (low/med) MED Date Received: 3/16/99

% Moisture: not dec. 23.74 Date Analyzed: 3/23/99

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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

13M

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4351 SDG No: Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4351.27

Sample wt/vol: 9.4 (g/ml) G Lab File ID: VB03129.D

Level: (low/med) MED Date Received: 3/16/99

% Moisture: not dec. 22.44 Date Analyzed: 3/23/99

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

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2400	U
107131	Acrylonitrile	2400	U
75650	tert-Butyl alcohol	4400	U
1634044	Methyl-tert-Butyl ether	1000	U
108203	Di-isopropyl ether	680	U
	Dichlorodifluoromethane	1400	U
74-87-3	Chloromethane	340	U
75-01-4	Vinyl Chloride	1000	U
74-83-9	Bromomethane	680	U
75-00-3	Chloroethane	1000	U
75-69-4	Trichlorofluoromethane	680	U
75-35-4	1,1-Dichloroethene	340	U
67-64-1	Acetone	680	U
75-15-0	Carbon Disulfide	340	U
75-09-2	Methylene Chloride	680	U
156-60-5	trans-1,2-Dichloroethene	680	U
75-35-3	1,1-Dichloroethane	340	U
108-05-4	Vinyl Acetate	1000	U
78-93-3	2-Butanone	1000	U
	cis-1,2-Dichloroethene	340	U
67-66-3	Chloroform	340	U
75-55-6	1,1,1-Trichloroethane	340	U
56-23-5	Carbon Tetrachloride	680	U
71-43-2	Benzene	340	U
107-06-2	1,2-Dichloroethane	680	U
79-01-6	Trichloroethene	340	U
78-87-5	1,2-Dichloropropane	340	U
75-27-4	Bromodichloromethane	340	U
110-75-8	2-Chloroethyl vinyl ether	680	U
10061-01-5	cis-1,3-Dichloropropene	340	U
108-10-1	4-Methyl-2-Pentanone	680	U
108-88-3	Toluene	340	U
10061-02-6	trans-1,3-Dichloropropene	680	U
79-00-5	1,1,2-Trichloroethane	680	U
127-18-4	Tetrachloroethene	340	U
591-78-6	2-Hexanone	680	U
126-48-1	Dibromochloromethane	680	U
108-90-7	Chlorobenzene	340	U
100-41-4	Ethylbenzene	680	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

13M

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4351 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4351.27

Sample wt/vol: 9.4 (g/ml) G Lab File ID: VB03129.D

Level: (low/med) MED Date Received: 3/16/99

% Moisture: not dec. 22.44 Date Analyzed: 3/23/99

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	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.

13M

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4351 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4351.27

Sample wt/vol: 9.4 (g/ml) G Lab File ID: VB03129.D

Level: (low/med) MED Date Received: 3/16/99

% Moisture: not dec. 22.44 Date Analyzed: 3/23/99

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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

14N

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4354 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4354.03

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VB03234.D

Level: (low/med) MED Date Received: 3/17/99

% Moisture: not dec. 16.83 Date Analyzed: 3/29/99

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	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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

14N

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4354 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4354.03

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VB03234.D

Level: (low/med) MED Date Received: 3/17/99

% Moisture: not dec. 16.83 Date Analyzed: 3/29/99

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	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.

14N

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4354 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4354.03

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VB03234.D

Level: (low/med) MED Date Received: 3/17/99

% Moisture: not dec. 16.83 Date Analyzed: 3/29/99

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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

150

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4354 SDG No: Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4354.05

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VB03235.D

Level: (low/med) MED Date Received: 3/17/99

% Moisture: not dec. 8.23 Date Analyzed: 3/29/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

150

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4354 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4354.05

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VB03235.D

Level: (low/med) MED Date Received: 3/17/99

% Moisture: not dec. 8.23 Date Analyzed: 3/29/99

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	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.

150

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4354 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4354.05

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VB03235.D

Level: (low/med) MED Date Received: 3/17/99

% Moisture: not dec. 8.23 Date Analyzed: 3/29/99

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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

16P

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4354 SDG No: Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4354.07

Sample wt/vol: 10.7 (g/ml) G Lab File ID: VB03236.D

Level: (low/med) MED Date Received: 3/17/99

% Moisture: not dec. 18.32 Date Analyzed: 3/29/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

16P

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4354 SDG No: Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4354.07

Sample wt/vol: 10.7 (g/ml) G Lab File ID: VB03236.D

Level: (low/med) MED Date Received: 3/17/99

% Moisture: not dec. 18.32 Date Analyzed: 3/29/99

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	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.

16P

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4354 SDG No: Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4354.07

Sample wt/vol: 10.7 (g/ml) G Lab File ID: VB03236.D

Level: (low/med) MED Date Received: 3/17/99

% Moisture: not dec. 18.32 Date Analyzed: 3/29/99

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

000784

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

17Q

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4354 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4354.09

Sample wt/vol: 9.1 (g/ml) G Lab File ID: VB03237.D

Level: (low/med) MED Date Received: 3/17/99

% Moisture: not dec. 30.39 Date Analyzed: 3/29/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	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	390	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	390	U
67-64-1	Acetone	790	U
75-15-0	Carbon Disulfide	600	
75-09-2	Methylene Chloride	790	U
156-60-5	trans-1,2-Dichloroethene	790	U
75-35-3	1,1-Dichloroethane	390	U
108-05-4	Vinyl Acetate	1200	U
78-93-3	2-Butanone	1200	U
	cis-1,2-Dichloroethene	390	U
67-66-3	Chloroform	390	U
75-55-6	1,1,1-Trichloroethane	390	U
56-23-5	Carbon Tetrachloride	790	U
71-43-2	Benzene	390	U
107-06-2	1,2-Dichloroethane	790	U
79-01-6	Trichloroethene	390	U
78-87-5	1,2-Dichloropropane	390	U
75-27-4	Bromodichloromethane	390	U
110-75-8	2-Chloroethyl vinyl ether	790	U
10061-01-5	cis-1,3-Dichloropropene	390	U
108-10-1	4-Methyl-2-Pentanone	790	U
108-88-3	Toluene	390	U
10061-02-6	trans-1,3-Dichloropropene	790	U
79-00-5	1,1,2-Trichloroethane	790	U
127-18-4	Tetrachloroethene	390	U
591-78-6	2-Hexanone	790	U
126-48-1	Dibromochloromethane	790	U
108-90-7	Chlorobenzene	390	U
100-41-4	Ethylbenzene	790	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

17Q

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4354 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4354.09

Sample wt/vol: 9.1 (g/ml) G Lab File ID: VB03237.D

Level: (low/med) MED Date Received: 3/17/99

% Moisture: not dec. 30.39 Date Analyzed: 3/29/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
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.

17Q

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4354 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4354.09

Sample wt/vol: 9.1 (g/ml) G Lab File ID: VB03237.D

Level: (low/med) MED Date Received: 3/17/99

% Moisture: not dec. 30.39 Date Analyzed: 3/29/99

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

000787

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

18R

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4354 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4354.11

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VB03251.D

Level: (low/med) MED Date Received: 3/17/99

% Moisture: not dec. 24.53 Date Analyzed: 3/30/99

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	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	350	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	350	U
67-64-1	Acetone	690	U
75-15-0	Carbon Disulfide	350	U
75-09-2	Methylene Chloride	690	U
156-60-5	trans-1,2-Dichloroethene	690	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	690	U
71-43-2	Benzene	350	U
107-06-2	1,2-Dichloroethane	690	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	690	U
10061-01-5	cis-1,3-Dichloropropene	350	U
108-10-1	4-Methyl-2-Pentanone	690	U
108-88-3	Toluene	350	U
10061-02-6	trans-1,3-Dichloropropene	690	U
79-00-5	1,1,2-Trichloroethane	690	U
127-18-4	Tetrachloroethene	350	U
591-78-6	2-Hexanone	690	U
126-48-1	Dibromochloromethane	690	U
108-90-7	Chlorobenzene	350	U
100-41-4	Ethylbenzene	690	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

18R

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4354 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4354.11

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VB03251.D

Level: (low/med) MED Date Received: 3/17/99

% Moisture: not dec. 24.53 Date Analyzed: 3/30/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
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.

18R

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4354 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4354.11

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VB03251.D

Level: (low/med) MED Date Received: 3/17/99

% Moisture: not dec. 24.53 Date Analyzed: 3/30/99

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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

19S

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4354 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4354.13

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VB03252.D

Level: (low/med) MED Date Received: 3/17/99

% Moisture: not dec. 14.47 Date Analyzed: 3/30/99

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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

19S

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4354 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4354.13

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VB03252.D

Level: (low/med) MED Date Received: 3/17/99

% Moisture: not dec. 14.47 Date Analyzed: 3/30/99

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.

19S

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4354 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4354.13

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VB03252.D

Level: (low/med) MED Date Received: 3/17/99

% Moisture: not dec. 14.47 Date Analyzed: 3/30/99

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

000793

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

20T

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4354 SDG No: Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4354.15

Sample wt/vol: 10.7 (g/ml) G Lab File ID: VB03243.D

Level: (low/med) MED Date Received: 3/17/99

% Moisture: not dec. 33.37 Date Analyzed: 3/30/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2400	U
107131	Acrylonitrile	2400	U
75650	tert-Butyl alcohol	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	670	J
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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

20T

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4354 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4354.15

Sample wt/vol: 10.7 (g/ml) G Lab File ID: VB03243.D

Level: (low/med) MED Date Received: 3/17/99

% Moisture: not dec. 33.37 Date Analyzed: 3/30/99

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	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.

20T

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4354 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4354.15

Sample wt/vol: 10.7 (g/ml) G Lab File ID: VB03243.D

Level: (low/med) MED Date Received: 3/17/99

% Moisture: not dec. 33.37 Date Analyzed: 3/30/99

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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

21U

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4354 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4354.17

Sample wt/vol: 9.2 (g/ml) G Lab File ID: VB03244.D

Level: (low/med) MED Date Received: 3/17/99

% Moisture: not dec. 18.91 Date Analyzed: 3/30/99

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	2400	U
107131	Acrylonitrile	2400	U
75650	tert-Butyl alcohol	4400	U
1634044	Methyl-tert-Butyl ether	1000	U
108203	Di-isopropyl ether	670	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	340	U
75-01-4	Vinyl Chloride	1000	U
74-83-9	Bromomethane	670	U
75-00-3	Chloroethane	1000	U
75-69-4	Trichlorofluoromethane	670	U
75-35-4	1,1-Dichloroethene	340	U
67-64-1	Acetone	670	U
75-15-0	Carbon Disulfide	340	U
75-09-2	Methylene Chloride	670	U
156-60-5	trans-1,2-Dichloroethene	670	U
75-35-3	1,1-Dichloroethane	340	U
108-05-4	Vinyl Acetate	1000	U
78-93-3	2-Butanone	1000	U
	cis-1,2-Dichloroethene	340	U
67-66-3	Chloroform	340	U
75-55-6	1,1,1-Trichloroethane	340	U
56-23-5	Carbon Tetrachloride	670	U
71-43-2	Benzene	340	U
107-06-2	1,2-Dichloroethane	670	U
79-01-6	Trichloroethene	340	U
78-87-5	1,2-Dichloropropane	340	U
75-27-4	Bromodichloromethane	340	U
110-75-8	2-Chloroethyl vinyl ether	670	U
10061-01-5	cis-1,3-Dichloropropene	340	U
108-10-1	4-Methyl-2-Pentanone	670	U
108-88-3	Toluene	340	U
10061-02-6	trans-1,3-Dichloropropene	670	U
79-00-5	1,1,2-Trichloroethane	670	U
127-18-4	Tetrachloroethene	340	U
591-78-6	2-Hexanone	670	U
126-48-1	Dibromochloromethane	670	U
108-90-7	Chlorobenzene	340	U
100-41-4	Ethylbenzene	670	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

21U

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4354 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4354.17

Sample wt/vol: 9.2 (g/ml) G Lab File ID: VB03244.D

Level: (low/med) MED Date Received: 3/17/99

% Moisture: not dec. 18.91 Date Analyzed: 3/30/99

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
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.

21U

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4354 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4354.17

Sample wt/vol: 9.2 (g/ml) G Lab File ID: VB03244.D

Level: (low/med) MED Date Received: 3/17/99

% Moisture: not dec. 18.91 Date Analyzed: 3/30/99

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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

22V

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4354 SDG No: Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4354.19

Sample wt/vol: 9.1 (g/ml) G Lab File ID: VB03245.D

Level: (low/med) MED Date Received: 3/17/99

% Moisture: not dec. 10.87 Date Analyzed: 3/30/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

22V

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4354 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4354.19

Sample wt/vol: 9.1 (g/ml) G Lab File ID: VB03245.D

Level: (low/med) MED Date Received: 3/17/99

% Moisture: not dec. 10.87 Date Analyzed: 3/30/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
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.

22V

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4354 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4354.19

Sample wt/vol: 9.1 (g/ml) G Lab File ID: VB03245.D

Level: (low/med) MED Date Received: 3/17/99

% Moisture: not dec. 10.87 Date Analyzed: 3/30/99

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

000802

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

23W

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4354 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4354.21

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VB03246.D

Level: (low/med) MED Date Received: 3/17/99

% Moisture: not dec. 8.25 Date Analyzed: 3/30/99

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	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3400	U
1634044	Methyl-tert-Butyl ether	800	U
108203	Di-isopropyl ether	530	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	270	U
75-01-4	Vinyl Chloride	800	U
74-83-9	Bromomethane	530	U
75-00-3	Chloroethane	800	U
75-69-4	Trichlorofluoromethane	530	U
75-35-4	1,1-Dichloroethene	270	U
67-64-1	Acetone	530	U
75-15-0	Carbon Disulfide	270	U
75-09-2	Methylene Chloride	530	U
156-60-5	trans-1,2-Dichloroethene	530	U
75-35-3	1,1-Dichloroethane	270	U
108-05-4	Vinyl Acetate	800	U
78-93-3	2-Butanone	800	U
	cis-1,2-Dichloroethene	270	U
67-66-3	Chloroform	270	U
75-55-6	1,1,1-Trichloroethane	270	U
56-23-5	Carbon Tetrachloride	530	U
71-43-2	Benzene	270	U
107-06-2	1,2-Dichloroethane	530	U
79-01-6	Trichloroethene	270	U
78-87-5	1,2-Dichloropropane	270	U
75-27-4	Bromodichloromethane	270	U
110-75-8	2-Chloroethyl vinyl ether	530	U
10061-01-5	cis-1,3-Dichloropropene	270	U
108-10-1	4-Methyl-2-Pentanone	530	U
108-88-3	Toluene	270	U
10061-02-6	trans-1,3-Dichloropropene	530	U
79-00-5	1,1,2-Trichloroethane	530	U
127-18-4	Tetrachloroethene	270	U
591-78-6	2-Hexanone	530	U
126-48-1	Dibromochloromethane	530	U
108-90-7	Chlorobenzene	270	U
100-41-4	Ethylbenzene	530	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

23W

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4354 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4354.21

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VB03246.D

Level: (low/med) MED Date Received: 3/17/99

% Moisture: not dec. 8.25 Date Analyzed: 3/30/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	800	U
1330-20-7	o-Xylene	530	U
100-42-5	Styrene	530	U
75-25-2	Bromoform	530	U
79-34-5	1,1,2,2-Tetrachloroethane	530	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

23W

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4354 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4354.21

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VB03246.D

Level: (low/med) MED Date Received: 3/17/99

% Moisture: not dec. 8.25 Date Analyzed: 3/30/99

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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

24X

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4354 SDG No: Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4354.23

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VB03247.D

Level: (low/med) MED Date Received: 3/17/99

% Moisture: not dec. 15.78 Date Analyzed: 3/30/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

24X

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4354 SDG No: Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4354.23

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VB03247.D

Level: (low/med) MED Date Received: 3/17/99

% Moisture: not dec. 15.78 Date Analyzed: 3/30/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
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.

24X

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4354 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4354.23

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VB03247.D

Level: (low/med) MED Date Received: 3/17/99

% Moisture: not dec. 15.78 Date Analyzed: 3/30/99

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

000808

1A

FIELD ID.

25Y

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4354 SDG No: Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4354.25

Sample wt/vol: 8.5 (g/ml) G Lab File ID: VB03248.D

Level: (low/med) MED Date Received: 3/17/99

% Moisture: not dec. 14.09 Date Analyzed: 3/30/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2400	U
107131	Acrylonitrile	2400	U
75650	tert-Butyl alcohol	4500	U
1634044	Methyl-tert-Butyl ether	1000	U
108203	Di-isopropyl ether	680	U
	Dichlorodifluoromethane	1400	U
74-87-3	Chloromethane	340	U
75-01-4	Vinyl Chloride	1000	U
74-83-9	Bromomethane	680	U
75-00-3	Chloroethane	1000	U
75-69-4	Trichlorofluoromethane	680	U
75-35-4	1,1-Dichloroethene	340	U
67-64-1	Acetone	680	U
75-15-0	Carbon Disulfide	340	U
75-09-2	Methylene Chloride	680	U
156-60-5	trans-1,2-Dichloroethene	680	U
75-35-3	1,1-Dichloroethane	340	U
108-05-4	Vinyl Acetate	1000	U
78-93-3	2-Butanone	1000	U
	cis-1,2-Dichloroethene	340	U
67-66-3	Chloroform	340	U
75-55-6	1,1,1-Trichloroethane	340	U
56-23-5	Carbon Tetrachloride	680	U
71-43-2	Benzene	340	U
107-06-2	1,2-Dichloroethane	680	U
79-01-6	Trichloroethene	340	U
78-87-5	1,2-Dichloropropane	340	U
75-27-4	Bromodichloromethane	340	U
110-75-8	2-Chloroethyl vinyl ether	680	U
10061-01-5	cis-1,3-Dichloropropene	340	U
108-10-1	4-Methyl-2-Pentanone	680	U
108-88-3	Toluene	340	U
10061-02-6	trans-1,3-Dichloropropene	680	U
79-00-5	1,1,2-Trichloroethane	680	U
127-18-4	Tetrachloroethene	340	U
591-78-6	2-Hexanone	680	U
126-48-1	Dibromochloromethane	680	U
108-90-7	Chlorobenzene	340	U
100-41-4	Ethylbenzene	680	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

25Y

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4354 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4354.25

Sample wt/vol: 8.5 (g/ml) G Lab File ID: VB03248.D

Level: (low/med) MED Date Received: 3/17/99

% Moisture: not dec. 14.09 Date Analyzed: 3/30/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
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.

25Y

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4354 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4354.25

Sample wt/vol: 8.5 (g/ml) G Lab File ID: VB03248.D

Level: (low/med) MED Date Received: 3/17/99

% Moisture: not dec. 14.09 Date Analyzed: 3/30/99

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

900811

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

26Z

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4354 SDG No: Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4354.27

Sample wt/vol: 9.3 (g/ml) G Lab File ID: VB03253.D

Level: (low/med) MED Date Received: 3/17/99

% Moisture: not dec. 16.86 Date Analyzed: 3/30/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

26Z

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4354 SDG No: Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4354.27

Sample wt/vol: 9.3 (g/ml) G Lab File ID: VB03253.D

Level: (low/med) MED Date Received: 3/17/99

% Moisture: not dec. 16.86 Date Analyzed: 3/30/99

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	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.

26Z

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4354 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4354.27

Sample wt/vol: 9.3 (g/ml) G Lab File ID: VB03253.D

Level: (low/med) MED Date Received: 3/17/99

% Moisture: not dec. 16.86 Date Analyzed: 3/30/99

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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

27AA

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4354 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4354.29

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VB03250.D

Level: (low/med) MED Date Received: 3/17/99

% Moisture: not dec. 19.14 Date Analyzed: 3/30/99

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

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	600	U
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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

27AA

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4354 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4354.29

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VB03250.D

Level: (low/med) MED Date Received: 3/17/99

% Moisture: not dec. 19.14 Date Analyzed: 3/30/99

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	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.

27AA

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4354 SDG No: Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4354.29

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VB03250.D

Level: (low/med) MED Date Received: 3/17/99

% Moisture: not dec. 19.14 Date Analyzed: 3/30/99

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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

28BB

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4357 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4357.03

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VB03285.D

Level: (low/med) MED Date Received: 3/18/99

% Moisture: not dec. 22.65 Date Analyzed: 3/31/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2400	U
107131	Acrylonitrile	2400	U
75650	tert-Butyl alcohol	4400	U
1634044	Methyl-tert-Butyl ether	1000	U
108203	Di-isopropyl ether	680	U
	Dichlorodifluoromethane	1400	U
74-87-3	Chloromethane	340	U
75-01-4	Vinyl Chloride	1000	U
74-83-9	Bromomethane	680	U
75-00-3	Chloroethane	1000	U
75-69-4	Trichlorofluoromethane	680	U
75-35-4	1,1-Dichloroethene	340	U
67-64-1	Acetone	680	U
75-15-0	Carbon Disulfide	340	U
75-09-2	Methylene Chloride	680	U
156-60-5	trans-1,2-Dichloroethene	680	U
75-35-3	1,1-Dichloroethane	340	U
108-05-4	Vinyl Acetate	1000	U
78-93-3	2-Butanone	1000	U
	cis-1,2-Dichloroethene	340	U
67-66-3	Chloroform	340	U
75-55-6	1,1,1-Trichloroethane	340	U
56-23-5	Carbon Tetrachloride	680	U
71-43-2	Benzene	340	U
107-06-2	1,2-Dichloroethane	680	U
79-01-6	Trichloroethene	340	U
78-87-5	1,2-Dichloropropane	340	U
75-27-4	Bromodichloromethane	340	U
110-75-8	2-Chloroethyl vinyl ether	680	U
10061-01-5	cis-1,3-Dichloropropene	340	U
108-10-1	4-Methyl-2-Pentanone	680	U
108-88-3	Toluene	340	U
10061-02-6	trans-1,3-Dichloropropene	680	U
79-00-5	1,1,2-Trichloroethane	680	U
127-18-4	Tetrachloroethene	340	U
591-78-6	2-Hexanone	680	U
126-48-1	Dibromochloromethane	680	U
108-90-7	Chlorobenzene	340	U
100-41-4	Ethylbenzene	680	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

28BB

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4357 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4357.03

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VB03285.D

Level: (low/med) MED Date Received: 3/18/99

% Moisture: not dec. 22.65 Date Analyzed: 3/31/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
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.

28BB

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4357 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4357.03

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VB03285.D

Level: (low/med) MED Date Received: 3/18/99

% Moisture: not dec. 22.65 Date Analyzed: 3/31/99

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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

29CC

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4357 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4357.05

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VB03286.D

Level: (low/med) MED Date Received: 3/18/99

% Moisture: not dec. 19.81 Date Analyzed: 3/31/99

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

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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

29CC

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4357 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4357.05

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VB03286.D

Level: (low/med) MED Date Received: 3/18/99

% Moisture: not dec. 19.81 Date Analyzed: 3/31/99

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	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.

29CC

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4357 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4357.05

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VB03286.D

Level: (low/med) MED Date Received: 3/18/99

% Moisture: not dec. 19.81 Date Analyzed: 3/31/99

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

000823

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

30DD

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4357 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4357.07

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VB03287.D

Level: (low/med) MED Date Received: 3/18/99

% Moisture: not dec. 21.43 Date Analyzed: 3/31/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2300	U
107131	Acrylonitrile	2300	U
75650	tert-Butyl alcohol	4300	U
1634044	Methyl-tert-Butyl ether	980	U
108203	Di-isopropyl ether	660	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	330	U
75-01-4	Vinyl Chloride	980	U
74-83-9	Bromomethane	660	U
75-00-3	Chloroethane	980	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	980	U
78-93-3	2-Butanone	980	U
	cis-1,2-Dichloroethene	330	U
67-66-3	Chloroform	330	U
75-55-6	1,1,1-Trichloroethane	330	U
56-23-5	Carbon Tetrachloride	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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

30DD

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4357 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4357.07

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VB03287.D

Level: (low/med) MED Date Received: 3/18/99

% Moisture: not dec. 21.43 Date Analyzed: 3/31/99

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	980	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.

30DD

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4357 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4357.07

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VB03287.D

Level: (low/med) MED Date Received: 3/18/99

% Moisture: not dec. 21.43 Date Analyzed: 3/31/99

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

000826

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

31EE

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4357 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4357.09

Sample wt/vol: 9.2 (g/ml) G Lab File ID: VB03288.D

Level: (low/med) MED Date Received: 3/18/99

% Moisture: not dec. 26.86 Date Analyzed: 3/31/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2600	U
107131	Acrylonitrile	2600	U
75650	tert-Butyl alcohol	4800	U
1634044	Methyl-tert-Butyl ether	1100	U
108203	Di-isopropyl ether	740	U
	Dichlorodifluoromethane	1500	U
74-87-3	Chloromethane	370	U
75-01-4	Vinyl Chloride	1100	U
74-83-9	Bromomethane	740	U
75-00-3	Chloroethane	1100	U
75-69-4	Trichlorofluoromethane	740	U
75-35-4	1,1-Dichloroethene	370	U
67-64-1	Acetone	740	U
75-15-0	Carbon Disulfide	370	U
75-09-2	Methylene Chloride	740	U
156-60-5	trans-1,2-Dichloroethene	740	U
75-35-3	1,1-Dichloroethane	370	U
108-05-4	Vinyl Acetate	1100	U
78-93-3	2-Butanone	1100	U
	cis-1,2-Dichloroethene	370	U
67-66-3	Chloroform	370	U
75-55-6	1,1,1-Trichloroethane	370	U
56-23-5	Carbon Tetrachloride	740	U
71-43-2	Benzene	370	U
107-06-2	1,2-Dichloroethane	740	U
79-01-6	Trichloroethene	370	U
78-87-5	1,2-Dichloropropane	370	U
75-27-4	Bromodichloromethane	370	U
110-75-8	2-Chloroethyl vinyl ether	740	U
10061-01-5	cis-1,3-Dichloropropene	370	U
108-10-1	4-Methyl-2-Pentanone	740	U
108-88-3	Toluene	370	U
10061-02-6	trans-1,3-Dichloropropene	740	U
79-00-5	1,1,2-Trichloroethane	740	U
127-18-4	Tetrachloroethene	370	U
591-78-6	2-Hexanone	740	U
126-48-1	Dibromochloromethane	740	U
108-90-7	Chlorobenzene	370	U
100-41-4	Ethylbenzene	740	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

31EE

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4357 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4357.09

Sample wt/vol: 9.2 (g/ml) G Lab File ID: VB03288.D

Level: (low/med) MED Date Received: 3/18/99

% Moisture: not dec. 26.86 Date Analyzed: 3/31/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	1100	U
1330-20-7	o-Xylene	740	U
100-42-5	Styrene	740	U
75-25-2	Bromoform	740	U
79-34-5	1,1,2,2-Tetrachloroethane	740	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

31EE

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4357 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4357.09

Sample wt/vol: 9.2 (g/ml) G Lab File ID: VB03288.D

Level: (low/med) MED Date Received: 3/18/99

% Moisture: not dec. 26.86 Date Analyzed: 3/31/99

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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

32FF

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4357 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4357.11

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB03289.D

Level: (low/med) MED Date Received: 3/18/99

% Moisture: not dec. 47.42 Date Analyzed: 3/31/99

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

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	3300	U
107131	Acrylonitrile	3300	U
75650	tert-Butyl alcohol	6200	U
1634044	Methyl-tert-Butyl ether	1400	U
108203	Di-isopropyl ether	950	U
	Dichlorodifluoromethane	1900	U
74-87-3	Chloromethane	470	U
75-01-4	Vinyl Chloride	1400	U
74-83-9	Bromomethane	950	U
75-00-3	Chloroethane	1400	U
75-69-4	Trichlorofluoromethane	950	U
75-35-4	1,1-Dichloroethene	470	U
67-64-1	Acetone	950	U
75-15-0	Carbon Disulfide	470	U
75-09-2	Methylene Chloride	950	U
156-60-5	trans-1,2-Dichloroethene	950	U
75-35-3	1,1-Dichloroethane	470	U
108-05-4	Vinyl Acetate	1400	U
78-93-3	2-Butanone	1400	U
	cis-1,2-Dichloroethene	470	U
67-66-3	Chloroform	470	U
75-55-6	1,1,1-Trichloroethane	470	U
56-23-5	Carbon Tetrachloride	950	U
71-43-2	Benzene	470	U
107-06-2	1,2-Dichloroethane	950	U
79-01-6	Trichloroethene	470	U
78-87-5	1,2-Dichloropropane	470	U
75-27-4	Bromodichloromethane	470	U
110-75-8	2-Chloroethyl vinyl ether	950	U
10061-01-5	cis-1,3-Dichloropropene	470	U
108-10-1	4-Methyl-2-Pentanone	950	U
108-88-3	Toluene	470	U
10061-02-6	trans-1,3-Dichloropropene	950	U
79-00-5	1,1,2-Trichloroethane	950	U
127-18-4	Tetrachloroethene	470	U
591-78-6	2-Hexanone	950	U
126-48-1	Dibromochloromethane	950	U
108-90-7	Chlorobenzene	470	U
100-41-4	Ethylbenzene	950	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

32FF

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4357 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4357.11

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB03289.D

Level: (low/med) MED Date Received: 3/18/99

% Moisture: not dec. 47.42 Date Analyzed: 3/31/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	1400	U
1330-20-7	o-Xylene	950	U
100-42-5	Styrene	950	U
75-25-2	Bromoform	950	U
79-34-5	1,1,2,2-Tetrachloroethane	950	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

32FF

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4357 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4357.11

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB03289.D

Level: (low/med) MED Date Received: 3/18/99

% Moisture: not dec. 47.42 Date Analyzed: 3/31/99

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

000832

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

33GG

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4357 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4357.13

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB03307.D

Level: (low/med) MED Date Received: 3/18/99

% Moisture: not dec. 40.99 Date Analyzed: 4/1/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	3000	U
107131	Acrylonitrile	3000	U
75650	tert-Butyl alcohol	5600	U
1634044	Methyl-tert-Butyl ether	1300	U
108203	Di-isopropyl ether	860	U
	Dichlorodifluoromethane	1700	U
74-87-3	Chloromethane	430	U
75-01-4	Vinyl Chloride	1300	U
74-83-9	Bromomethane	860	U
75-00-3	Chloroethane	1300	U
75-69-4	Trichlorofluoromethane	860	U
75-35-4	1,1-Dichloroethene	430	U
67-64-1	Acetone	860	U
75-15-0	Carbon Disulfide	430	U
75-09-2	Methylene Chloride	860	U
156-60-5	trans-1,2-Dichloroethene	860	U
75-35-3	1,1-Dichloroethane	430	U
108-05-4	Vinyl Acetate	1300	U
78-93-3	2-Butanone	1300	U
	cis-1,2-Dichloroethene	430	U
67-66-3	Chloroform	430	U
75-55-6	1,1,1-Trichloroethane	430	U
56-23-5	Carbon Tetrachloride	860	U
71-43-2	Benzene	430	U
107-06-2	1,2-Dichloroethane	860	U
79-01-6	Trichloroethene	430	U
78-87-5	1,2-Dichloropropane	430	U
75-27-4	Bromodichloromethane	430	U
110-75-8	2-Chloroethyl vinyl ether	860	U
10061-01-5	cis-1,3-Dichloropropene	430	U
108-10-1	4-Methyl-2-Pentanone	860	U
108-88-3	Toluene	430	U
10061-02-6	trans-1,3-Dichloropropene	860	U
79-00-5	1,1,2-Trichloroethane	860	U
127-18-4	Tetrachloroethene	430	U
591-78-6	2-Hexanone	860	U
126-48-1	Dibromochloromethane	860	U
108-90-7	Chlorobenzene	430	U
100-41-4	Ethylbenzene	860	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

33GG

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4357 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4357.13

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB03307.D

Level: (low/med) MED Date Received: 3/18/99

% Moisture: not dec. 40.99 Date Analyzed: 4/1/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	1300	U
1330-20-7	o-Xylene	860	U
100-42-5	Styrene	860	U
75-25-2	Bromoform	860	U
79-34-5	1,1,2,2-Tetrachloroethane	860	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

33GG

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4357 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4357.13

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB03307.D

Level: (low/med) MED Date Received: 3/18/99

% Moisture: not dec. 40.99 Date Analyzed: 4/1/99

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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

34HH

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4357 SDG No: Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4357.15

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VB03308.D

Level: (low/med) MED Date Received: 3/18/99

% Moisture: not dec. 12.59 Date Analyzed: 4/1/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

34HH

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4357 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4357.15

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VB03308.D

Level: (low/med) MED Date Received: 3/18/99

% Moisture: not dec. 12.59 Date Analyzed: 4/1/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
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.

34HH

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4357 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4357.15

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VB03308.D

Level: (low/med) MED Date Received: 3/18/99

% Moisture: not dec. 12.59 Date Analyzed: 4/1/99

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

000838

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

35II

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4357 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4357.17

Sample wt/vol: 9.2 (g/ml) G Lab File ID: VB03295.D

Level: (low/med) MED Date Received: 3/18/99

% Moisture: not dec. 14.12 Date Analyzed: 3/31/99

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	4100	U
1634044	Methyl-tert-Butyl ether	940	U
108203	Di-isopropyl ether	630	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	310	U
75-01-4	Vinyl Chloride	940	U
74-83-9	Bromomethane	630	U
75-00-3	Chloroethane	940	U
75-69-4	Trichlorofluoromethane	630	U
75-35-4	1,1-Dichloroethene	310	U
67-64-1	Acetone	630	U
75-15-0	Carbon Disulfide	310	U
75-09-2	Methylene Chloride	630	U
156-60-5	trans-1,2-Dichloroethene	630	U
75-35-3	1,1-Dichloroethane	310	U
108-05-4	Vinyl Acetate	940	U
78-93-3	2-Butanone	940	U
	cis-1,2-Dichloroethene	310	U
67-66-3	Chloroform	310	U
75-55-6	1,1,1-Trichloroethane	310	U
56-23-5	Carbon Tetrachloride	630	U
71-43-2	Benzene	310	U
107-06-2	1,2-Dichloroethane	630	U
79-01-6	Trichloroethene	310	U
78-87-5	1,2-Dichloropropane	310	U
75-27-4	Bromodichloromethane	310	U
110-75-8	2-Chloroethyl vinyl ether	630	U
10061-01-5	cis-1,3-Dichloropropene	310	U
108-10-1	4-Methyl-2-Pentanone	630	U
108-88-3	Toluene	310	U
10061-02-6	trans-1,3-Dichloropropene	630	U
79-00-5	1,1,2-Trichloroethane	630	U
127-18-4	Tetrachloroethene	310	U
591-78-6	2-Hexanone	630	U
126-48-1	Dibromochloromethane	630	U
108-90-7	Chlorobenzene	310	U
100-41-4	Ethylbenzene	630	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

35II

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4357 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4357.17

Sample wt/vol: 9.2 (g/ml) G Lab File ID: VB03295.D

Level: (low/med) MED Date Received: 3/18/99

% Moisture: not dec. 14.12 Date Analyzed: 3/31/99

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	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.

35II

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4357 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4357.17

Sample wt/vol: 9.2 (g/ml) G Lab File ID: VB03295.D

Level: (low/med) MED Date Received: 3/18/99

% Moisture: not dec. 14.12 Date Analyzed: 3/31/99

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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

36JJ

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4357 SDG No: Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4357.19

Sample wt/vol: 11.5 (g/ml) G Lab File ID: VB03296.D

Level: (low/med) MED Date Received: 3/18/99

% Moisture: not dec. 15.98 Date Analyzed: 4/1/99

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	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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

36JJ

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4357 SDG No: Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4357.19

Sample wt/vol: 11.5 (g/ml) G Lab File ID: VB03296.D

Level: (low/med) MED Date Received: 3/18/99

% Moisture: not dec. 15.98 Date Analyzed: 4/1/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	780	U
1330-20-7	o-Xylene	520	U
100-42-5	Styrene	520	U
75-25-2	Bromoform	520	U
79-34-5	1,1,2,2-Tetrachloroethane	520	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

36JJ

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4357 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4357.19

Sample wt/vol: 11.5 (g/ml) G Lab File ID: VB03296.D

Level: (low/med) MED Date Received: 3/18/99

% Moisture: not dec. 15.98 Date Analyzed: 4/1/99

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

000844

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

37KK

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4357 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4357.21

Sample wt/vol: 10.6 (g/ml) G Lab File ID: VB03297.D

Level: (low/med) MED Date Received: 3/18/99

% Moisture: not dec. 25.89 Date Analyzed: 4/1/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	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	260	J
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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

37KK

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4357 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4357.21

Sample wt/vol: 10.6 (g/ml) G Lab File ID: VB03297.D

Level: (low/med) MED Date Received: 3/18/99

% Moisture: not dec. 25.89 Date Analyzed: 4/1/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
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.

37KK

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4357 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4357.21

Sample wt/vol: 10.6 (g/ml) G Lab File ID: VB03297.D

Level: (low/med) MED Date Received: 3/18/99

% Moisture: not dec. 25.89 Date Analyzed: 4/1/99

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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

38LL

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4357 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4357.23

Sample wt/vol: 9.2 (g/ml) G Lab File ID: VB03298.D

Level: (low/med) MED Date Received: 3/18/99

% Moisture: not dec. 26.53 Date Analyzed: 4/1/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2600	U
107131	Acrylonitrile	2600	U
75650	tert-Butyl alcohol	4800	U
1634044	Methyl-tert-Butyl ether	1100	U
108203	Di-isopropyl ether	750	U
	Dichlorodifluoromethane	1500	U
74-87-3	Chloromethane	370	U
75-01-4	Vinyl Chloride	1100	U
74-83-9	Bromomethane	750	U
75-00-3	Chloroethane	1100	U
75-69-4	Trichlorofluoromethane	750	U
75-35-4	1,1-Dichloroethene	370	U
67-64-1	Acetone	750	U
75-15-0	Carbon Disulfide	370	U
75-09-2	Methylene Chloride	750	U
156-60-5	trans-1,2-Dichloroethene	750	U
75-35-3	1,1-Dichloroethane	370	U
108-05-4	Vinyl Acetate	1100	U
78-93-3	2-Butanone	1100	U
	cis-1,2-Dichloroethene	370	U
67-66-3	Chloroform	370	U
75-55-6	1,1,1-Trichloroethane	370	U
56-23-5	Carbon Tetrachloride	750	U
71-43-2	Benzene	370	U
107-06-2	1,2-Dichloroethane	750	U
79-01-6	Trichloroethene	370	U
78-87-5	1,2-Dichloropropane	370	U
75-27-4	Bromodichloromethane	370	U
110-75-8	2-Chloroethyl vinyl ether	750	U
10061-01-5	cis-1,3-Dichloropropene	370	U
108-10-1	4-Methyl-2-Pentanone	750	U
108-88-3	Toluene	370	U
10061-02-6	trans-1,3-Dichloropropene	750	U
79-00-5	1,1,2-Trichloroethane	750	U
127-18-4	Tetrachloroethene	370	U
591-78-6	2-Hexanone	750	U
126-48-1	Dibromochloromethane	750	U
108-90-7	Chlorobenzene	370	U
100-41-4	Ethylbenzene	750	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

38LL

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4357 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4357.23

Sample wt/vol: 9.2 (g/ml) G Lab File ID: VB03298.D

Level: (low/med) MED Date Received: 3/18/99

% Moisture: not dec. 26.53 Date Analyzed: 4/1/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	1100	U
1330-20-7	o-Xylene	750	U
100-42-5	Styrene	750	U
75-25-2	Bromoform	750	U
79-34-5	1,1,2,2-Tetrachloroethane	750	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

38LL

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4357 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4357.23

Sample wt/vol: 9.2 (g/ml) G Lab File ID: VB03298.D

Level: (low/med) MED Date Received: 3/18/99

% Moisture: not dec. 26.53 Date Analyzed: 4/1/99

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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

39MM

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4357 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4357.25

Sample wt/vol: 9.5 (g/ml) G Lab File ID: VB03299.D

Level: (low/med) MED Date Received: 3/18/99

% Moisture: not dec. 21.86 Date Analyzed: 4/1/99

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	2400	U
107131	Acrylonitrile	2400	U
75650	tert-Butyl alcohol	4400	U
1634044	Methyl-tert-Butyl ether	1000	U
108203	Di-isopropyl ether	670	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	340	U
75-01-4	Vinyl Chloride	1000	U
74-83-9	Bromomethane	670	U
75-00-3	Chloroethane	1000	U
75-69-4	Trichlorofluoromethane	670	U
75-35-4	1,1-Dichloroethene	340	U
67-64-1	Acetone	670	U
75-15-0	Carbon Disulfide	340	U
75-09-2	Methylene Chloride	670	U
156-60-5	trans-1,2-Dichloroethene	670	U
75-35-3	1,1-Dichloroethane	340	U
108-05-4	Vinyl Acetate	1000	U
78-93-3	2-Butanone	1000	U
	cis-1,2-Dichloroethene	340	U
67-66-3	Chloroform	340	U
75-55-6	1,1,1-Trichloroethane	340	U
56-23-5	Carbon Tetrachloride	670	U
71-43-2	Benzene	340	U
107-06-2	1,2-Dichloroethane	670	U
79-01-6	Trichloroethene	340	U
78-87-5	1,2-Dichloropropane	340	U
75-27-4	Bromodichloromethane	340	U
110-75-8	2-Chloroethyl vinyl ether	670	U
10061-01-5	cis-1,3-Dichloropropene	340	U
108-10-1	4-Methyl-2-Pentanone	670	U
108-88-3	Toluene	340	U
10061-02-6	trans-1,3-Dichloropropene	670	U
79-00-5	1,1,2-Trichloroethane	670	U
127-18-4	Tetrachloroethene	340	U
591-78-6	2-Hexanone	670	U
126-48-1	Dibromochloromethane	670	U
108-90-7	Chlorobenzene	340	U
100-41-4	Ethylbenzene	670	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

39MM

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4357 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4357.25

Sample wt/vol: 9.5 (g/ml) G Lab File ID: VB03299.D

Level: (low/med) MED Date Received: 3/18/99

% Moisture: not dec. 21.86 Date Analyzed: 4/1/99

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	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.

39MM

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4357 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4357.25

Sample wt/vol: 9.5 (g/ml) G Lab File ID: VB03299.D

Level: (low/med) MED Date Received: 3/18/99

% Moisture: not dec. 21.86 Date Analyzed: 4/1/99

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

000853

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

40NN

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4357 SDG No: . Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4357.27

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VB03300.D

Level: (low/med) MED Date Received: 3/18/99

% Moisture: not dec. 35.7 Date Analyzed: 4/1/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2700	U
107131	Acrylonitrile	2700	U
75650	tert-Butyl alcohol	5000	U
1634044	Methyl-tert-Butyl ether	1200	U
108203	Di-isopropyl ether	770	U
	Dichlorodifluoromethane	1500	U
74-87-3	Chloromethane	380	U
75-01-4	Vinyl Chloride	1200	U
74-83-9	Bromomethane	770	U
75-00-3	Chloroethane	1200	U
75-69-4	Trichlorofluoromethane	770	U
75-35-4	1,1-Dichloroethene	380	U
67-64-1	Acetone	770	U
75-15-0	Carbon Disulfide	380	U
75-09-2	Methylene Chloride	770	U
156-60-5	trans-1,2-Dichloroethene	770	U
75-35-3	1,1-Dichloroethane	380	U
108-05-4	Vinyl Acetate	1200	U
78-93-3	2-Butanone	1200	U
	cis-1,2-Dichloroethene	380	U
67-66-3	Chloroform	380	U
75-55-6	1,1,1-Trichloroethane	380	U
56-23-5	Carbon Tetrachloride	770	U
71-43-2	Benzene	380	U
107-06-2	1,2-Dichloroethane	770	U
79-01-6	Trichloroethene	380	U
78-87-5	1,2-Dichloropropane	380	U
75-27-4	Bromodichloromethane	380	U
110-75-8	2-Chloroethyl vinyl ether	770	U
10061-01-5	cis-1,3-Dichloropropene	380	U
108-10-1	4-Methyl-2-Pentanone	770	U
108-88-3	Toluene	380	U
10061-02-6	trans-1,3-Dichloropropene	770	U
79-00-5	1,1,2-Trichloroethane	770	U
127-18-4	Tetrachloroethene	380	U
591-78-6	2-Hexanone	770	U
126-48-1	Dibromochloromethane	770	U
108-90-7	Chlorobenzene	380	U
100-41-4	Ethylbenzene	770	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

40NN

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4357 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4357.27

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VB03300.D

Level: (low/med) MED Date Received: 3/18/99

% Moisture: not dec. 35.7 Date Analyzed: 4/1/99

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	1200	U
1330-20-7	o-Xylene	770	U
100-42-5	Styrene	770	U
75-25-2	Bromoform	770	U
79-34-5	1,1,2,2-Tetrachloroethane	770	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

40NN

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4357 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4357.27

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VB03300.D

Level: (low/med) MED Date Received: 3/18/99

% Moisture: not dec. 35.7 Date Analyzed: 4/1/99

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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

4100

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4357 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4357.29

Sample wt/vol: 8.1 (g/ml) G Lab File ID: VB03301.D

Level: (low/med) MED Date Received: 3/18/99

% Moisture: not dec. 17.65 Date Analyzed: 4/1/99

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	2600	U
107131	Acrylonitrile	2600	U
75650	tert-Butyl alcohol	4900	U
1634044	Methyl-tert-Butyl ether	1100	U
108203	Di-isopropyl ether	750	U
	Dichlorodifluoromethane	1500	U
74-87-3	Chloromethane	380	U
75-01-4	Vinyl Chloride	1100	U
74-83-9	Bromomethane	750	U
75-00-3	Chloroethane	1100	U
75-69-4	Trichlorofluoromethane	750	U
75-35-4	1,1-Dichloroethene	380	U
67-64-1	Acetone	750	U
75-15-0	Carbon Disulfide	380	U
75-09-2	Methylene Chloride	750	U
156-60-5	trans-1,2-Dichloroethene	750	U
75-35-3	1,1-Dichloroethane	380	U
108-05-4	Vinyl Acetate	1100	U
78-93-3	2-Butanone	1100	U
	cis-1,2-Dichloroethene	380	U
67-66-3	Chloroform	380	U
75-55-6	1,1,1-Trichloroethane	380	U
56-23-5	Carbon Tetrachloride	750	U
71-43-2	Benzene	380	U
107-06-2	1,2-Dichloroethane	750	U
79-01-6	Trichloroethene	380	U
78-87-5	1,2-Dichloropropane	380	U
75-27-4	Bromodichloromethane	380	U
110-75-8	2-Chloroethyl vinyl ether	750	U
10061-01-5	cis-1,3-Dichloropropene	380	U
108-10-1	4-Methyl-2-Pentanone	750	U
108-88-3	Toluene	380	U
10061-02-6	trans-1,3-Dichloropropene	750	U
79-00-5	1,1,2-Trichloroethane	750	U
127-18-4	Tetrachloroethene	380	U
591-78-6	2-Hexanone	750	U
126-48-1	Dibromochloromethane	750	U
108-90-7	Chlorobenzene	380	U
100-41-4	Ethylbenzene	750	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

4100

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4357 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4357.29

Sample wt/vol: 8.1 (g/ml) G Lab File ID: VB03301.D

Level: (low/med) MED Date Received: 3/18/99

% Moisture: not dec. 17.65 Date Analyzed: 4/1/99

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	1100	U
1330-20-7	o-Xylene	750	U
100-42-5	Styrene	750	U
75-25-2	Bromoform	750	U
79-34-5	1,1,2,2-Tetrachloroethane	750	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

4100

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4357 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4357.29

Sample wt/vol: 8.1 (g/ml) G Lab File ID: VB03301.D

Level: (low/med) MED Date Received: 3/18/99

% Moisture: not dec. 17.65 Date Analyzed: 4/1/99

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

000859

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

42PP

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4357 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4357.31

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB03302.D

Level: (low/med) MED Date Received: 3/18/99

% Moisture: not dec. 49 Date Analyzed: 4/1/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	3500	U
107131	Acrylonitrile	3500	U
75650	tert-Butyl alcohol	6500	U
1634044	Methyl-tert-Butyl ether	1500	U
108203	Di-isopropyl ether	1000	U
	Dichlorodifluoromethane	2000	U
74-87-3	Chloromethane	500	U
75-01-4	Vinyl Chloride	1500	U
74-83-9	Bromomethane	1000	U
75-00-3	Chloroethane	1500	U
75-69-4	Trichlorofluoromethane	1000	U
75-35-4	1,1-Dichloroethene	500	U
67-64-1	Acetone	1000	U
75-15-0	Carbon Disulfide	500	U
75-09-2	Methylene Chloride	1000	U
156-60-5	trans-1,2-Dichloroethene	1000	U
75-35-3	1,1-Dichloroethane	500	U
108-05-4	Vinyl Acetate	1500	U
78-93-3	2-Butanone	1500	U
	cis-1,2-Dichloroethene	500	U
67-66-3	Chloroform	500	U
75-55-6	1,1,1-Trichloroethane	500	U
56-23-5	Carbon Tetrachloride	1000	U
71-43-2	Benzene	500	U
107-06-2	1,2-Dichloroethane	1000	U
79-01-6	Trichloroethene	500	U
78-87-5	1,2-Dichloropropane	500	U
75-27-4	Bromodichloromethane	500	U
110-75-8	2-Chloroethyl vinyl ether	1000	U
10061-01-5	cis-1,3-Dichloropropene	500	U
108-10-1	4-Methyl-2-Pentanone	1000	U
108-88-3	Toluene	500	U
10061-02-6	trans-1,3-Dichloropropene	1000	U
79-00-5	1,1,2-Trichloroethane	1000	U
127-18-4	Tetrachloroethene	500	U
591-78-6	2-Hexanone	1000	U
126-48-1	Dibromochloromethane	1000	U
108-90-7	Chlorobenzene	500	U
100-41-4	Ethylbenzene	1000	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

42PP

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4357 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4357.31

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB03302.D

Level: (low/med) MED Date Received: 3/18/99

% Moisture: not dec. 49 Date Analyzed: 4/1/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	1500	U
1330-20-7	o-Xylene	1000	U
100-42-5	Styrene	1000	U
75-25-2	Bromoform	1000	U
79-34-5	1,1,2,2-Tetrachloroethane	1000	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

42PP

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4357 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4357.31

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB03302.D

Level: (low/med) MED Date Received: 3/18/99

% Moisture: not dec. 49 Date Analyzed: 4/1/99

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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

43

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4372 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4372.03

Sample wt/vol: 9.0 (g/ml) G Lab File ID: VA005979.D

Level: (low/med) MED Date Received: 3/26/99

% Moisture: not dec. 15.38 Date Analyzed: 4/2/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2300	U
107131	Acrylonitrile	2300	U
75650	tert-Butyl alcohol	4200	U
1634044	Methyl-tert-Butyl ether	980	U
108203	Di-isopropyl ether	650	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	330	U
75-01-4	Vinyl Chloride	980	U
74-83-9	Bromomethane	650	U
75-00-3	Chloroethane	980	U
75-69-4	Trichlorofluoromethane	650	U
75-35-4	1,1-Dichloroethene	330	U
67-64-1	Acetone	650	U
75-15-0	Carbon Disulfide	330	U
75-09-2	Methylene Chloride	650	U
156-60-5	trans-1,2-Dichloroethene	650	U
75-35-3	1,1-Dichloroethane	330	U
108-05-4	Vinyl Acetate	980	U
78-93-3	2-Butanone	980	U
	cis-1,2-Dichloroethene	330	U
67-66-3	Chloroform	330	U
75-55-6	1,1,1-Trichloroethane	330	U
56-23-5	Carbon Tetrachloride	650	U
71-43-2	Benzene	330	U
107-06-2	1,2-Dichloroethane	650	U
79-01-6	Trichloroethene	330	U
78-87-5	1,2-Dichloropropane	330	U
75-27-4	Bromodichloromethane	330	U
110-75-8	2-Chloroethyl vinyl ether	650	U
10061-01-5	cis-1,3-Dichloropropene	330	U
108-10-1	4-Methyl-2-Pentanone	650	U
108-88-3	Toluene	330	U
10061-02-6	trans-1,3-Dichloropropene	650	U
79-00-5	1,1,2-Trichloroethane	650	U
127-18-4	Tetrachloroethene	330	U
591-78-6	2-Hexanone	650	U
126-48-1	Dibromochloromethane	650	U
108-90-7	Chlorobenzene	330	U
100-41-4	Ethylbenzene	650	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

43

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4372 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4372.03

Sample wt/vol: 9.0 (g/ml) G Lab File ID: VA005979.D

Level: (low/med) MED Date Received: 3/26/99

% Moisture: not dec. 15.38 Date Analyzed: 4/2/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	980	U
1330-20-7	o-Xylene	650	U
100-42-5	Styrene	650	U
75-25-2	Bromoform	650	U
79-34-5	1,1,2,2-Tetrachloroethane	650	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID. 43

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4372 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4372.03

Sample wt/vol: 9.0 (g/ml) G Lab File ID: VA005979.D

Level: (low/med) MED Date Received: 3/26/99

% Moisture: not dec. 15.38 Date Analyzed: 4/2/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

44

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4372 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4372.05

Sample wt/vol: 9.1 (g/ml) G Lab File ID: VA005980.D

Level: (low/med) MED Date Received: 3/26/99

% Moisture: not dec. 27.55 Date Analyzed: 4/2/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2700	U
107131	Acrylonitrile	2700	U
75650	tert-Butyl alcohol	4900	U
1634044	Methyl-tert-Butyl ether	1100	U
108203	Di-isopropyl ether	760	U
	Dichlorodifluoromethane	1500	U
74-87-3	Chloromethane	380	U
75-01-4	Vinyl Chloride	1100	U
74-83-9	Bromomethane	760	U
75-00-3	Chloroethane	1100	U
75-69-4	Trichlorofluoromethane	760	U
75-35-4	1,1-Dichloroethene	380	U
67-64-1	Acetone	760	U
75-15-0	Carbon Disulfide	380	U
75-09-2	Methylene Chloride	760	U
156-60-5	trans-1,2-Dichloroethene	760	U
75-35-3	1,1-Dichloroethane	380	U
108-05-4	Vinyl Acetate	1100	U
78-93-3	2-Butanone	1100	U
	cis-1,2-Dichloroethene	380	U
67-66-3	Chloroform	380	U
75-55-6	1,1,1-Trichloroethane	380	U
56-23-5	Carbon Tetrachloride	760	U
71-43-2	Benzene	380	U
107-06-2	1,2-Dichloroethane	760	U
79-01-6	Trichloroethene	380	U
78-87-5	1,2-Dichloropropane	380	U
75-27-4	Bromodichloromethane	380	U
110-75-8	2-Chloroethyl vinyl ether	760	U
10061-01-5	cis-1,3-Dichloropropene	380	U
108-10-1	4-Methyl-2-Pentanone	760	U
108-88-3	Toluene	380	U
10061-02-6	trans-1,3-Dichloropropene	760	U
79-00-5	1,1,2-Trichloroethane	760	U
127-18-4	Tetrachloroethene	380	U
591-78-6	2-Hexanone	760	U
126-48-1	Dibromochloromethane	760	U
108-90-7	Chlorobenzene	380	U
100-41-4	Ethylbenzene	760	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

44

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4372 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4372.05

Sample wt/vol: 9.1 (g/ml) G Lab File ID: VA005980.D

Level: (low/med) MED Date Received: 3/26/99

% Moisture: not dec. 27.55 Date Analyzed: 4/2/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	1100	U
1330-20-7	o-Xylene	760	U
100-42-5	Styrene	760	U
75-25-2	Bromoform	760	U
79-34-5	1,1,2,2-Tetrachloroethane	760	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID. 44

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4372 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4372.05

Sample wt/vol: 9.1 (g/ml) G Lab File ID: VA005980.D

Level: (low/med) MED Date Received: 3/26/99

% Moisture: not dec. 27.55 Date Analyzed: 4/2/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

45

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4372 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4372.07

Sample wt/vol: 9.0 (g/ml) G Lab File ID: VA005981.D

Level: (low/med) MED Date Received: 3/26/99

% Moisture: not dec. 15.45 Date Analyzed: 4/2/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2300	U
107131	Acrylonitrile	2300	U
75650	tert-Butyl alcohol	4300	U
1634044	Methyl-tert-Butyl ether	980	U
108203	Di-isopropyl ether	650	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	330	U
75-01-4	Vinyl Chloride	980	U
74-83-9	Bromomethane	650	U
75-00-3	Chloroethane	980	U
75-69-4	Trichlorofluoromethane	650	U
75-35-4	1,1-Dichloroethene	330	U
67-64-1	Acetone	650	U
75-15-0	Carbon Disulfide	330	U
75-09-2	Methylene Chloride	650	U
156-60-5	trans-1,2-Dichloroethene	650	U
75-35-3	1,1-Dichloroethane	330	U
108-05-4	Vinyl Acetate	980	U
78-93-3	2-Butanone	980	U
	cis-1,2-Dichloroethene	330	U
67-66-3	Chloroform	330	U
75-55-6	1,1,1-Trichloroethane	330	U
56-23-5	Carbon Tetrachloride	650	U
71-43-2	Benzene	330	U
107-06-2	1,2-Dichloroethane	650	U
79-01-6	Trichloroethene	330	U
78-87-5	1,2-Dichloropropane	330	U
75-27-4	Bromodichloromethane	330	U
110-75-8	2-Chloroethyl vinyl ether	650	U
10061-01-5	cis-1,3-Dichloropropene	330	U
108-10-1	4-Methyl-2-Pentanone	650	U
108-88-3	Toluene	330	U
10061-02-6	trans-1,3-Dichloropropene	650	U
79-00-5	1,1,2-Trichloroethane	650	U
127-18-4	Tetrachloroethene	330	U
591-78-6	2-Hexanone	650	U
126-48-1	Dibromochloromethane	650	U
108-90-7	Chlorobenzene	330	U
100-41-4	Ethylbenzene	650	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

45

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4372 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4372.07

Sample wt/vol: 9.0 (g/ml) G Lab File ID: VA005981.D

Level: (low/med) MED Date Received: 3/26/99

% Moisture: not dec. 15.45 Date Analyzed: 4/2/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	980	U
1330-20-7	o-Xylene	650	U
100-42-5	Styrene	650	U
75-25-2	Bromoform	650	U
79-34-5	1,1,2,2-Tetrachloroethane	650	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID. 45

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4372 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4372.07

Sample wt/vol: 9.0 (g/ml) G Lab File ID: VA005981.D

Level: (low/med) MED Date Received: 3/26/99

% Moisture: not dec. 15.45 Date Analyzed: 4/2/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	10.10	2000	JN

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID. 46

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4372 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4372.09

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VA005982.D

Level: (low/med) MED Date Received: 3/26/99

% Moisture: not dec. 17.04 Date Analyzed: 4/2/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	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	1200	
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. 46

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4372 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4372.09

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VA005982.D

Level: (low/med) MED Date Received: 3/26/99

% Moisture: not dec. 17.04 Date Analyzed: 4/2/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
1330-20-7	m+p-Xylenes	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. 46

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4372 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4372.09

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VA005982.D

Level: (low/med) MED Date Received: 3/26/99

% Moisture: not dec. 17.04 Date Analyzed: 4/2/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	10.10	1900	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

47

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4372 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4372.11

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VA005983.D

Level: (low/med) MED Date Received: 3/26/99

% Moisture: not dec. 18.18 Date Analyzed: 4/2/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	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	1500	
75-15-0	Carbon Disulfide	310	U
75-09-2	Methylene Chloride	1100	
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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

47

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4372 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4372.11

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VA005983.D

Level: (low/med) MED Date Received: 3/26/99

% Moisture: not dec. 18.18 Date Analyzed: 4/2/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
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. 47

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4372 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4372.11

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VA005983.D

Level: (low/med) MED Date Received: 3/26/99

% Moisture: not dec. 18.18 Date Analyzed: 4/2/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	10.11	2000	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

48

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4372 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4372.13

Sample wt/vol: 9.2 (g/ml) G Lab File ID: VA005984.D

Level: (low/med) MED Date Received: 3/26/99

% Moisture: not dec. 14.57 Date Analyzed: 4/2/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	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	1200	
75-15-0	Carbon Disulfide	320	U
75-09-2	Methylene Chloride	1100	
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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

48

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4372 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4372.13

Sample wt/vol: 9.2 (g/ml) G Lab File ID: VA005984.D

Level: (low/med) MED Date Received: 3/26/99

% Moisture: not dec. 14.57 Date Analyzed: 4/2/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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. 48

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4372 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4372.13

Sample wt/vol: 9.2 (g/ml) G Lab File ID: VA005984.D

Level: (low/med) MED Date Received: 3/26/99

% Moisture: not dec. 14.57 Date Analyzed: 4/2/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	10.11	2000	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

49

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4376.03

Sample wt/vol: 8.3 (g/ml) G Lab File ID: VA006000.D

Level: (low/med) MED Date Received: 3/29/99

% Moisture: not dec. 51.83 Date Analyzed: 4/5/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	4400	U
107131	Acrylonitrile	4400	U
75650	tert-Butyl alcohol	8200	U
1634044	Methyl-tert-Butyl ether	1900	U
108203	Di-isopropyl ether	1300	U
	Dichlorodifluoromethane	2500	U
74-87-3	Chloromethane	630	U
75-01-4	Vinyl Chloride	1900	U
74-83-9	Bromomethane	1300	U
75-00-3	Chloroethane	1900	U
75-69-4	Trichlorofluoromethane	1300	U
75-35-4	1,1-Dichloroethene	630	U
67-64-1	Acetone	1300	U
75-15-0	Carbon Disulfide	630	U
75-09-2	Methylene Chloride	1300	U
156-60-5	trans-1,2-Dichloroethene	1300	U
75-35-3	1,1-Dichloroethane	630	U
108-05-4	Vinyl Acetate	1900	U
78-93-3	2-Butanone	1900	U
	cis-1,2-Dichloroethene	630	U
67-66-3	Chloroform	630	U
75-55-6	1,1,1-Trichloroethane	630	U
56-23-5	Carbon Tetrachloride	1300	U
71-43-2	Benzene	630	U
107-06-2	1,2-Dichloroethane	1300	U
79-01-6	Trichloroethene	630	U
78-87-5	1,2-Dichloropropane	630	U
75-27-4	Bromodichloromethane	630	U
110-75-8	2-Chloroethyl vinyl ether	1300	U
10061-01-5	cis-1,3-Dichloropropene	630	U
108-10-1	4-Methyl-2-Pentanone	1300	U
108-88-3	Toluene	630	U
10061-02-6	trans-1,3-Dichloropropene	1300	U
79-00-5	1,1,2-Trichloroethane	1300	U
127-18-4	Tetrachloroethene	630	U
591-78-6	2-Hexanone	1300	U
126-48-1	Dibromochloromethane	1300	U
108-90-7	Chlorobenzene	630	U
100-41-4	Ethylbenzene	1300	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

49

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4376.03

Sample wt/vol: 8.3 (g/ml) G Lab File ID: VA006000.D

Level: (low/med) MED Date Received: 3/29/99

% Moisture: not dec. 51.83 Date Analyzed: 4/5/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	1900	U
1330-20-7	o-Xylene	1300	U
100-42-5	Styrene	1300	U
75-25-2	Bromoform	1300	U
79-34-5	1,1,2,2-Tetrachloroethane	1300	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

49

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4376.03

Sample wt/vol: 8.3 (g/ml) G Lab File ID: VA006000.D

Level: (low/med) MED Date Received: 3/29/99

% Moisture: not dec. 51.83 Date Analyzed: 4/5/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	9.32	4100	J

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

50

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4376.05

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VA006001.D

Level: (low/med) MED Date Received: 3/29/99

% Moisture: not dec. 18.58 Date Analyzed: 4/5/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

50

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4376.05

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VA006001.D

Level: (low/med) MED Date Received: 3/29/99

% Moisture: not dec. 18.58 Date Analyzed: 4/5/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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.

50

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4376.05

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VA006001.D

Level: (low/med) MED Date Received: 3/29/99

% Moisture: not dec. 18.58 Date Analyzed: 4/5/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	9.32	2100	J

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

51

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4376.07

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006010.D

Level: (low/med) MED Date Received: 3/29/99

% Moisture: not dec. 14.76 Date Analyzed: 4/6/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

51

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4376.07

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006010.D

Level: (low/med) MED Date Received: 3/29/99

% Moisture: not dec. 14.76 Date Analyzed: 4/6/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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. 51

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4376.07

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006010.D

Level: (low/med) MED Date Received: 3/29/99

% Moisture: not dec. 14.76 Date Analyzed: 4/6/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

52

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4376.09

Sample wt/vol: 9.4 (g/ml) G Lab File ID: VA006003.D

Level: (low/med) MED Date Received: 3/29/99

% Moisture: not dec. 24.88 Date Analyzed: 4/5/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2500	U
107131	Acrylonitrile	2500	U
75650	tert-Butyl alcohol	4600	U
1634044	Methyl-tert-Butyl ether	1100	U
108203	Di-isopropyl ether	710	U
	Dichlorodifluoromethane	1400	U
74-87-3	Chloromethane	360	U
75-01-4	Vinyl Chloride	1100	U
74-83-9	Bromomethane	710	U
75-00-3	Chloroethane	1100	U
75-69-4	Trichlorofluoromethane	710	U
75-35-4	1,1-Dichloroethene	360	U
67-64-1	Acetone	710	U
75-15-0	Carbon Disulfide	360	U
75-09-2	Methylene Chloride	710	U
156-60-5	trans-1,2-Dichloroethene	710	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	710	U
71-43-2	Benzene	360	U
107-06-2	1,2-Dichloroethane	710	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	710	U
10061-01-5	cis-1,3-Dichloropropene	360	U
108-10-1	4-Methyl-2-Pentanone	710	U
108-88-3	Toluene	360	U
10061-02-6	trans-1,3-Dichloropropene	710	U
79-00-5	1,1,2-Trichloroethane	710	U
127-18-4	Tetrachloroethene	360	U
591-78-6	2-Hexanone	710	U
126-48-1	Dibromochloromethane	710	U
108-90-7	Chlorobenzene	360	U
100-41-4	Ethylbenzene	1300	

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

52

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4376.09

Sample wt/vol: 9.4 (g/ml) G Lab File ID: VA006003.D

Level: (low/med) MED Date Received: 3/29/99

% Moisture: not dec. 24.88 Date Analyzed: 4/5/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	1600	
1330-20-7	o-Xylene	710	U
100-42-5	Styrene	710	U
75-25-2	Bromoform	710	U
79-34-5	1,1,2,2-Tetrachloroethane	710	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID. 52

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4376.09

Sample wt/vol: 9.4 (g/ml) G Lab File ID: VA006003.D

Level: (low/med) MED Date Received: 3/29/99

% Moisture: not dec. 24.88 Date Analyzed: 4/5/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 2

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000526-73-8	Benzene, 1,2,3-trimethyl-	26.04	4000	JN
2.	unknown	26.27	2200	J

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

53

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4376.11

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VA006004.D

Level: (low/med) MED Date Received: 3/29/99

% Moisture: not dec. 14.87 Date Analyzed: 4/5/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	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	1300	
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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

53

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4376.11

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VA006004.D

Level: (low/med) MED Date Received: 3/29/99

% Moisture: not dec. 14.87 Date Analyzed: 4/5/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
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.

53

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4376.11

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VA006004.D

Level: (low/med) MED Date Received: 3/29/99

% Moisture: not dec. 14.87 Date Analyzed: 4/5/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	10.11	1800	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

54

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4376.13

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VA006011.D

Level: (low/med) MED Date Received: 3/29/99

% Moisture: not dec. 11.25 Date Analyzed: 4/6/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

54

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4376.13

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VA006011.D

Level: (low/med) MED Date Received: 3/29/99

% Moisture: not dec. 11.25 Date Analyzed: 4/6/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
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. 54

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4376.13

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VA006011.D

Level: (low/med) MED Date Received: 3/29/99

% Moisture: not dec. 11.25 Date Analyzed: 4/6/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	10.11	2000	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

55

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4376.15

Sample wt/vol: 11.0 (g/ml) G Lab File ID: VA006024.D

Level: (low/med) MED Date Received: 3/29/99

% Moisture: not dec. 15.39 Date Analyzed: 4/6/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3500	U
1634044	Methyl-tert-Butyl ether	800	U
108203	Di-isopropyl ether	530	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	270	U
75-01-4	Vinyl Chloride	800	U
74-83-9	Bromomethane	530	U
75-00-3	Chloroethane	800	U
75-69-4	Trichlorofluoromethane	530	U
75-35-4	1,1-Dichloroethene	270	U
67-64-1	Acetone	530	U
75-15-0	Carbon Disulfide	270	U
75-09-2	Methylene Chloride	530	U
156-60-5	trans-1,2-Dichloroethene	530	U
75-35-3	1,1-Dichloroethane	270	U
108-05-4	Vinyl Acetate	800	U
78-93-3	2-Butanone	800	U
	cis-1,2-Dichloroethene	270	U
67-66-3	Chloroform	270	U
75-55-6	1,1,1-Trichloroethane	270	U
56-23-5	Carbon Tetrachloride	530	U
71-43-2	Benzene	270	U
107-06-2	1,2-Dichloroethane	530	U
79-01-6	Trichloroethene	270	U
78-87-5	1,2-Dichloropropane	270	U
75-27-4	Bromodichloromethane	270	U
110-75-8	2-Chloroethyl vinyl ether	530	U
10061-01-5	cis-1,3-Dichloropropene	270	U
108-10-1	4-Methyl-2-Pentanone	530	U
108-88-3	Toluene	270	U
10061-02-6	trans-1,3-Dichloropropene	530	U
79-00-5	1,1,2-Trichloroethane	530	U
127-18-4	Tetrachloroethene	270	U
591-78-6	2-Hexanone	530	U
126-48-1	Dibromochloromethane	530	U
108-90-7	Chlorobenzene	270	U
100-41-4	Ethylbenzene	530	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

55

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4376.15

Sample wt/vol: 11.0 (g/ml) G Lab File ID: VA006024.D

Level: (low/med) MED Date Received: 3/29/99

% Moisture: not dec. 15.39 Date Analyzed: 4/6/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	800	U
1330-20-7	o-Xylene	530	U
100-42-5	Styrene	530	U
75-25-2	Bromoform	530	U
79-34-5	1,1,2,2-Tetrachloroethane	530	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID. 55

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4376.15

Sample wt/vol: 11.0 (g/ml) G Lab File ID: VA006024.D

Level: (low/med) MED Date Received: 3/29/99

% Moisture: not dec. 15.39 Date Analyzed: 4/6/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

56

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4376.17

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VA006013.D

Level: (low/med) MED Date Received: 3/29/99

% Moisture: not dec. 11.98 Date Analyzed: 4/6/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

56

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4376.17

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VA006013.D

Level: (low/med) MED Date Received: 3/29/99

% Moisture: not dec. 11.98 Date Analyzed: 4/6/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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. 56

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4376.17

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VA006013.D

Level: (low/med) MED Date Received: 3/29/99

% Moisture: not dec. 11.98 Date Analyzed: 4/6/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

57

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4376.19

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VA006014.D

Level: (low/med) MED Date Received: 3/29/99

% Moisture: not dec. 29.29 Date Analyzed: 4/6/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2400	U
107131	Acrylonitrile	2400	U
75650	tert-Butyl alcohol	4400	U
1634044	Methyl-tert-Butyl ether	1000	U
108203	Di-isopropyl ether	680	U
	Dichlorodifluoromethane	1400	U
74-87-3	Chloromethane	340	U
75-01-4	Vinyl Chloride	1000	U
74-83-9	Bromomethane	680	U
75-00-3	Chloroethane	1000	U
75-69-4	Trichlorofluoromethane	680	U
75-35-4	1,1-Dichloroethene	340	U
67-64-1	Acetone	680	U
75-15-0	Carbon Disulfide	340	U
75-09-2	Methylene Chloride	680	U
156-60-5	trans-1,2-Dichloroethene	680	U
75-35-3	1,1-Dichloroethane	340	U
108-05-4	Vinyl Acetate	1000	U
78-93-3	2-Butanone	1000	U
	cis-1,2-Dichloroethene	340	U
67-66-3	Chloroform	340	U
75-55-6	1,1,1-Trichloroethane	340	U
56-23-5	Carbon Tetrachloride	680	U
71-43-2	Benzene	340	U
107-06-2	1,2-Dichloroethane	680	U
79-01-6	Trichloroethene	340	U
78-87-5	1,2-Dichloropropane	340	U
75-27-4	Bromodichloromethane	340	U
110-75-8	2-Chloroethyl vinyl ether	680	U
10061-01-5	cis-1,3-Dichloropropene	340	U
108-10-1	4-Methyl-2-Pentanone	680	U
108-88-3	Toluene	340	U
10061-02-6	trans-1,3-Dichloropropene	680	U
79-00-5	1,1,2-Trichloroethane	680	U
127-18-4	Tetrachloroethene	340	U
591-78-6	2-Hexanone	680	U
126-48-1	Dibromochloromethane	680	U
108-90-7	Chlorobenzene	340	U
100-41-4	Ethylbenzene	680	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

57

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4376.19

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VA006014.D

Level: (low/med) MED Date Received: 3/29/99

% Moisture: not dec. 29.29 Date Analyzed: 4/6/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
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. 57

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4376.19

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VA006014.D

Level: (low/med) MED Date Received: 3/29/99

% Moisture: not dec. 29.29 Date Analyzed: 4/6/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

58

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4376.21

Sample wt/vol: 9.0 (g/ml) G Lab File ID: VA006015.D

Level: (low/med) MED Date Received: 3/29/99

% Moisture: not dec. 32.03 Date Analyzed: 4/6/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2900	U
107131	Acrylonitrile	2900	U
75650	tert-Butyl alcohol	5300	U
1634044	Methyl-tert-Butyl ether	1200	U
108203	Di-isopropyl ether	820	U
	Dichlorodifluoromethane	1600	U
74-87-3	Chloromethane	410	U
75-01-4	Vinyl Chloride	1200	U
74-83-9	Bromomethane	820	U
75-00-3	Chloroethane	1200	U
75-69-4	Trichlorofluoromethane	820	U
75-35-4	1,1-Dichloroethene	410	U
67-64-1	Acetone	820	U
75-15-0	Carbon Disulfide	410	U
75-09-2	Methylene Chloride	820	U
156-60-5	trans-1,2-Dichloroethene	820	U
75-35-3	1,1-Dichloroethane	410	U
108-05-4	Vinyl Acetate	1200	U
78-93-3	2-Butanone	1200	U
	cis-1,2-Dichloroethene	410	U
67-66-3	Chloroform	410	U
75-55-6	1,1,1-Trichloroethane	410	U
56-23-5	Carbon Tetrachloride	820	U
71-43-2	Benzene	410	U
107-06-2	1,2-Dichloroethane	820	U
79-01-6	Trichloroethene	410	U
78-87-5	1,2-Dichloropropane	410	U
75-27-4	Bromodichloromethane	410	U
110-75-8	2-Chloroethyl vinyl ether	820	U
10061-01-5	cis-1,3-Dichloropropene	410	U
108-10-1	4-Methyl-2-Pentanone	820	U
108-88-3	Toluene	410	U
10061-02-6	trans-1,3-Dichloropropene	820	U
79-00-5	1,1,2-Trichloroethane	820	U
127-18-4	Tetrachloroethene	410	U
591-78-6	2-Hexanone	820	U
126-48-1	Dibromochloromethane	820	U
108-90-7	Chlorobenzene	410	U
100-41-4	Ethylbenzene	820	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

58

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4376.21

Sample wt/vol: 9.0 (g/ml) G Lab File ID: VA006015.D

Level: (low/med) MED Date Received: 3/29/99

% Moisture: not dec. 32.03 Date Analyzed: 4/6/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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	820	U
100-42-5	Styrene	820	U
75-25-2	Bromoform	820	U
79-34-5	1,1,2,2-Tetrachloroethane	820	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID. 58

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4376.21

Sample wt/vol: 9.0 (g/ml) G Lab File ID: VA006015.D

Level: (low/med) MED Date Received: 3/29/99

% Moisture: not dec. 32.03 Date Analyzed: 4/6/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	26.27	3600	J

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

59

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4376.23

Sample wt/vol: 9.5 (g/ml) G Lab File ID: VA006016.D

Level: (low/med) MED Date Received: 3/29/99

% Moisture: not dec. 18.28 Date Analyzed: 4/6/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2200	U
107131	Acrylonitrile	2200	U
75650	tert-Butyl alcohol	4200	U
1634044	Methyl-tert-Butyl ether	960	U
108203	Di-isopropyl ether	640	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	320	U
75-01-4	Vinyl Chloride	960	U
74-83-9	Bromomethane	640	U
75-00-3	Chloroethane	960	U
75-69-4	Trichlorofluoromethane	640	U
75-35-4	1,1-Dichloroethene	320	U
67-64-1	Acetone	640	U
75-15-0	Carbon Disulfide	320	U
75-09-2	Methylene Chloride	640	U
156-60-5	trans-1,2-Dichloroethene	640	U
75-35-3	1,1-Dichloroethane	320	U
108-05-4	Vinyl Acetate	960	U
78-93-3	2-Butanone	960	U
	cis-1,2-Dichloroethene	320	U
67-66-3	Chloroform	320	U
75-55-6	1,1,1-Trichloroethane	320	U
56-23-5	Carbon Tetrachloride	640	U
71-43-2	Benzene	320	U
107-06-2	1,2-Dichloroethane	640	U
79-01-6	Trichloroethene	320	U
78-87-5	1,2-Dichloropropane	320	U
75-27-4	Bromodichloromethane	320	U
110-75-8	2-Chloroethyl vinyl ether	640	U
10061-01-5	cis-1,3-Dichloropropene	320	U
108-10-1	4-Methyl-2-Pentanone	640	U
108-88-3	Toluene	320	U
10061-02-6	trans-1,3-Dichloropropene	640	U
79-00-5	1,1,2-Trichloroethane	640	U
127-18-4	Tetrachloroethene	320	U
591-78-6	2-Hexanone	640	U
126-48-1	Dibromochloromethane	640	U
108-90-7	Chlorobenzene	320	U
100-41-4	Ethylbenzene	640	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

59

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4376.23

Sample wt/vol: 9.5 (g/ml) G Lab File ID: VA006016.D

Level: (low/med) MED Date Received: 3/29/99

% Moisture: not dec. 18.28 Date Analyzed: 4/6/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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. 59

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4376 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4376.23

Sample wt/vol: 9.5 (g/ml) G Lab File ID: VA006016.D

Level: (low/med) MED Date Received: 3/29/99

% Moisture: not dec. 18.28 Date Analyzed: 4/6/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	23.23	4600	J

000913

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

60

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4376.25

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VA006017.D

Level: (low/med) MED Date Received: 3/29/99

% Moisture: not dec. 20.62 Date Analyzed: 4/6/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2200	U
107131	Acrylonitrile	2200	U
75650	tert-Butyl alcohol	4100	U
1634044	Methyl-tert-Butyl ether	940	U
108203	Di-isopropyl ether	620	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	310	U
75-01-4	Vinyl Chloride	940	U
74-83-9	Bromomethane	620	U
75-00-3	Chloroethane	940	U
75-69-4	Trichlorofluoromethane	620	U
75-35-4	1,1-Dichloroethene	310	U
67-64-1	Acetone	620	U
75-15-0	Carbon Disulfide	310	U
75-09-2	Methylene Chloride	620	U
156-60-5	trans-1,2-Dichloroethene	620	U
75-35-3	1,1-Dichloroethane	310	U
108-05-4	Vinyl Acetate	940	U
78-93-3	2-Butanone	940	U
	cis-1,2-Dichloroethene	310	U
67-66-3	Chloroform	310	U
75-55-6	1,1,1-Trichloroethane	310	U
56-23-5	Carbon Tetrachloride	620	U
71-43-2	Benzene	310	U
107-06-2	1,2-Dichloroethane	620	U
79-01-6	Trichloroethene	310	U
78-87-5	1,2-Dichloropropane	310	U
75-27-4	Bromodichloromethane	310	U
110-75-8	2-Chloroethyl vinyl ether	620	U
10061-01-5	cis-1,3-Dichloropropene	310	U
108-10-1	4-Methyl-2-Pentanone	620	U
108-88-3	Toluene	310	U
10061-02-6	trans-1,3-Dichloropropene	620	U
79-00-5	1,1,2-Trichloroethane	620	U
127-18-4	Tetrachloroethene	310	U
591-78-6	2-Hexanone	620	U
126-48-1	Dibromochloromethane	620	U
108-90-7	Chlorobenzene	310	U
100-41-4	Ethylbenzene	620	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

60

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4376.25

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VA006017.D

Level: (low/med) MED Date Received: 3/29/99

% Moisture: not dec. 20.62 Date Analyzed: 4/6/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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. 60

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4376.25

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VA006017.D

Level: (low/med) MED Date Received: 3/29/99

% Moisture: not dec. 20.62 Date Analyzed: 4/6/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000080-56-8	.alpha.-Pinene	23.58	2100	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

61

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4376.27

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VA006018.D

Level: (low/med) MED Date Received: 3/29/99

% Moisture: not dec. 24.45 Date Analyzed: 4/6/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2400	U
107131	Acrylonitrile	2400	U
75650	tert-Butyl alcohol	4400	U
1634044	Methyl-tert-Butyl ether	1000	U
108203	Di-isopropyl ether	680	U
	Dichlorodifluoromethane	1400	U
74-87-3	Chloromethane	340	U
75-01-4	Vinyl Chloride	1000	U
74-83-9	Bromomethane	680	U
75-00-3	Chloroethane	1000	U
75-69-4	Trichlorofluoromethane	680	U
75-35-4	1,1-Dichloroethene	340	U
67-64-1	Acetone	680	U
75-15-0	Carbon Disulfide	340	U
75-09-2	Methylene Chloride	680	U
156-60-5	trans-1,2-Dichloroethene	680	U
75-35-3	1,1-Dichloroethane	340	U
108-05-4	Vinyl Acetate	1000	U
78-93-3	2-Butanone	1000	U
	cis-1,2-Dichloroethene	340	U
67-66-3	Chloroform	340	U
75-55-6	1,1,1-Trichloroethane	340	U
56-23-5	Carbon Tetrachloride	680	U
71-43-2	Benzene	340	U
107-06-2	1,2-Dichloroethane	680	U
79-01-6	Trichloroethene	340	U
78-87-5	1,2-Dichloropropane	340	U
75-27-4	Bromodichloromethane	340	U
110-75-8	2-Chloroethyl vinyl ether	680	U
10061-01-5	cis-1,3-Dichloropropene	340	U
108-10-1	4-Methyl-2-Pentanone	680	U
108-88-3	Toluene	340	U
10061-02-6	trans-1,3-Dichloropropene	680	U
79-00-5	1,1,2-Trichloroethane	680	U
127-18-4	Tetrachloroethene	340	U
591-78-6	2-Hexanone	680	U
126-48-1	Dibromochloromethane	680	U
108-90-7	Chlorobenzene	340	U
100-41-4	Ethylbenzene	680	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

61

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4376.27

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VA006018.D

Level: (low/med) MED Date Received: 3/29/99

% Moisture: not dec. 24.45 Date Analyzed: 4/6/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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.

61

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4376.27

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VA006018.D

Level: (low/med) MED Date Received: 3/29/99

% Moisture: not dec. 24.45 Date Analyzed: 4/6/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

62

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4376.29

Sample wt/vol: 9.5 (g/ml) G Lab File ID: VA006019.D

Level: (low/med) MED Date Received: 3/29/99

% Moisture: not dec. 13.63 Date Analyzed: 4/6/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

62

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4376.29

Sample wt/vol: 9.5 (g/ml) G Lab File ID: VA006019.D

Level: (low/med) MED Date Received: 3/29/99

% Moisture: not dec. 13.63 Date Analyzed: 4/6/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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.

62

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4376.29

Sample wt/vol: 9.5 (g/ml) G Lab File ID: VA006019.D

Level: (low/med) MED Date Received: 3/29/99

% Moisture: not dec. 13.63 Date Analyzed: 4/6/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

63

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4376.31

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VA006020.D

Level: (low/med) MED Date Received: 3/29/99

% Moisture: not dec. 13.49 Date Analyzed: 4/6/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

63

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4376.31

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VA006020.D

Level: (low/med) MED Date Received: 3/29/99

% Moisture: not dec. 13.49 Date Analyzed: 4/6/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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. 63

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4376.31

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VA006020.D

Level: (low/med) MED Date Received: 3/29/99

% Moisture: not dec. 13.49 Date Analyzed: 4/6/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

64

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4376.33

Sample wt/vol: 9.5 (g/ml) G Lab File ID: VA006021.D

Level: (low/med) MED Date Received: 3/29/99

% Moisture: not dec. 25.9 Date Analyzed: 4/6/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2500	U
107131	Acrylonitrile	2500	U
75650	tert-Butyl alcohol	4600	U
1634044	Methyl-tert-Butyl ether	1100	U
108203	Di-isopropyl ether	710	U
	Dichlorodifluoromethane	1400	U
74-87-3	Chloromethane	350	U
75-01-4	Vinyl Chloride	1100	U
74-83-9	Bromomethane	710	U
75-00-3	Chloroethane	1100	U
75-69-4	Trichlorofluoromethane	710	U
75-35-4	1,1-Dichloroethene	350	U
67-64-1	Acetone	710	U
75-15-0	Carbon Disulfide	350	U
75-09-2	Methylene Chloride	710	U
156-60-5	trans-1,2-Dichloroethene	710	U
75-35-3	1,1-Dichloroethane	350	U
108-05-4	Vinyl Acetate	1100	U
78-93-3	2-Butanone	1100	U
	cis-1,2-Dichloroethene	350	U
67-66-3	Chloroform	350	U
75-55-6	1,1,1-Trichloroethane	350	U
56-23-5	Carbon Tetrachloride	710	U
71-43-2	Benzene	350	U
107-06-2	1,2-Dichloroethane	710	U
79-01-6	Trichloroethene	350	U
78-87-5	1,2-Dichloropropane	350	U
75-27-4	Bromodichloromethane	350	U
110-75-8	2-Chloroethyl vinyl ether	710	U
10061-01-5	cis-1,3-Dichloropropene	350	U
108-10-1	4-Methyl-2-Pentanone	710	U
108-88-3	Toluene	350	U
10061-02-6	trans-1,3-Dichloropropene	710	U
79-00-5	1,1,2-Trichloroethane	710	U
127-18-4	Tetrachloroethene	350	U
591-78-6	2-Hexanone	710	U
126-48-1	Dibromochloromethane	710	U
108-90-7	Chlorobenzene	350	U
100-41-4	Ethylbenzene	710	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

64

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4376.33

Sample wt/vol: 9.5 (g/ml) G Lab File ID: VA006021.D

Level: (low/med) MED Date Received: 3/29/99

% Moisture: not dec. 25.9 Date Analyzed: 4/6/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	1100	U
1330-20-7	o-Xylene	710	U
100-42-5	Styrene	710	U
75-25-2	Bromoform	710	U
79-34-5	1,1,2,2-Tetrachloroethane	710	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

64

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4376.33

Sample wt/vol: 9.5 (g/ml) G Lab File ID: VA006021.D

Level: (low/med) MED Date Received: 3/29/99

% Moisture: not dec. 25.9 Date Analyzed: 4/6/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

000928

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

65

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4376.35

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VA006022.D

Level: (low/med) MED Date Received: 3/29/99

% Moisture: not dec. 65.29 Date Analyzed: 4/6/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	5000	U
107131	Acrylonitrile	5000	U
75650	tert-Butyl alcohol	9200	U
1634044	Methyl-tert-Butyl ether	2100	U
108203	Di-isopropyl ether	1400	U
	Dichlorodifluoromethane	2800	U
74-87-3	Chloromethane	710	U
75-01-4	Vinyl Chloride	2100	U
74-83-9	Bromomethane	1400	U
75-00-3	Chloroethane	2100	U
75-69-4	Trichlorofluoromethane	1400	U
75-35-4	1,1-Dichloroethene	710	U
67-64-1	Acetone	1400	U
75-15-0	Carbon Disulfide	710	U
75-09-2	Methylene Chloride	1400	U
156-60-5	trans-1,2-Dichloroethene	1400	U
75-35-3	1,1-Dichloroethane	710	U
108-05-4	Vinyl Acetate	2100	U
78-93-3	2-Butanone	2100	U
	cis-1,2-Dichloroethene	710	U
67-66-3	Chloroform	710	U
75-55-6	1,1,1-Trichloroethane	710	U
56-23-5	Carbon Tetrachloride	1400	U
71-43-2	Benzene	710	U
107-06-2	1,2-Dichloroethane	1400	U
79-01-6	Trichloroethene	710	U
78-87-5	1,2-Dichloropropane	710	U
75-27-4	Bromodichloromethane	710	U
110-75-8	2-Chloroethyl vinyl ether	1400	U
10061-01-5	cis-1,3-Dichloropropene	710	U
108-10-1	4-Methyl-2-Pentanone	1400	U
108-88-3	Toluene	710	U
10061-02-6	trans-1,3-Dichloropropene	1400	U
79-00-5	1,1,2-Trichloroethane	1400	U
127-18-4	Tetrachloroethene	710	U
591-78-6	2-Hexanone	1400	U
126-48-1	Dibromochloromethane	1400	U
108-90-7	Chlorobenzene	710	U
100-41-4	Ethylbenzene	750	J

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

65

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4376.35

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VA006022.D

Level: (low/med) MED Date Received: 3/29/99

% Moisture: not dec. 65.29 Date Analyzed: 4/6/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	2100	U
1330-20-7	o-Xylene	1400	U
100-42-5	Styrene	1400	U
75-25-2	Bromoform	1400	U
79-34-5	1,1,2,2-Tetrachloroethane	1400	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

65

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4376.35

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VA006022.D

Level: (low/med) MED Date Received: 3/29/99

% Moisture: not dec. 65.29 Date Analyzed: 4/6/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 5

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	23.24	5800	J
2.	unknown	25.02	4500	J
3. 000095-36-3	1,2,4-Trimethylbenzene	26.03	13000	JN
4.	unknown	26.27	6000	J
5. 000541-73-1	Benzene, 1,3-dichloro-	27.21	9200	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

66

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4376.37

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VA006023.D

Level: (low/med) MED Date Received: 3/29/99

% Moisture: not dec. 17.91 Date Analyzed: 4/6/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2100	U
107131	Acrylonitrile	2100	U
75650	tert-Butyl alcohol	3900	U
1634044	Methyl-tert-Butyl ether	890	U
108203	Di-isopropyl ether	600	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	300	U
75-01-4	Vinyl Chloride	890	U
74-83-9	Bromomethane	600	U
75-00-3	Chloroethane	890	U
75-69-4	Trichlorofluoromethane	600	U
75-35-4	1,1-Dichloroethene	300	U
67-64-1	Acetone	600	U
75-15-0	Carbon Disulfide	300	U
75-09-2	Methylene Chloride	600	U
156-60-5	trans-1,2-Dichloroethene	600	U
75-35-3	1,1-Dichloroethane	300	U
108-05-4	Vinyl Acetate	890	U
78-93-3	2-Butanone	890	U
	cis-1,2-Dichloroethene	300	U
67-66-3	Chloroform	300	U
75-55-6	1,1,1-Trichloroethane	300	U
56-23-5	Carbon Tetrachloride	600	U
71-43-2	Benzene	300	U
107-06-2	1,2-Dichloroethane	600	U
79-01-6	Trichloroethene	300	U
78-87-5	1,2-Dichloropropane	300	U
75-27-4	Bromodichloromethane	300	U
110-75-8	2-Chloroethyl vinyl ether	600	U
10061-01-5	cis-1,3-Dichloropropene	300	U
108-10-1	4-Methyl-2-Pentanone	600	U
108-88-3	Toluene	300	U
10061-02-6	trans-1,3-Dichloropropene	600	U
79-00-5	1,1,2-Trichloroethane	600	U
127-18-4	Tetrachloroethene	300	U
591-78-6	2-Hexanone	600	U
126-48-1	Dibromochloromethane	600	U
108-90-7	Chlorobenzene	300	U
100-41-4	Ethylbenzene	600	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

66

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4376.37

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VA006023.D

Level: (low/med) MED Date Received: 3/29/99

% Moisture: not dec. 17.91 Date Analyzed: 4/6/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	890	U
1330-20-7	o-Xylene	600	U
100-42-5	Styrene	600	U
75-25-2	Bromoform	600	U
79-34-5	1,1,2,2-Tetrachloroethane	600	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

66

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4376.37

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VA006023.D

Level: (low/med) MED Date Received: 3/29/99

% Moisture: not dec. 17.91 Date Analyzed: 4/6/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

67

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.03

Sample wt/vol: 10.6 (g/ml) G Lab File ID: VA006025.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 20.24 Date Analyzed: 4/6/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil 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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

67

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.03

Sample wt/vol: 10.6 (g/ml) G Lab File ID: VA006025.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 20.24 Date Analyzed: 4/6/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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. 67

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.03

Sample wt/vol: 10.6 (g/ml) G Lab File ID: VA006025.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 20.24 Date Analyzed: 4/6/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

68

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.05

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VA006026.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 10.18 Date Analyzed: 4/6/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil 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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

68

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.05

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VA006026.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 10.18 Date Analyzed: 4/6/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
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. 68

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4382 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4382.05

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VA006026.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 10.18 Date Analyzed: 4/6/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

69

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.07

Sample wt/vol: 9.3 (g/ml) G Lab File ID: VA006033.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 13.14 Date Analyzed: 4/8/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil 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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

69

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4382 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4382.07

Sample wt/vol: 9.3 (g/ml) G Lab File ID: VA006033.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 13.14 Date Analyzed: 4/8/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
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. 69

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.07

Sample wt/vol: 9.3 (g/ml) G Lab File ID: VA006033.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 13.14 Date Analyzed: 4/8/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

70

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.09

Sample wt/vol: 9.3 (g/ml) G Lab File ID: VA006053.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 15.48 Date Analyzed: 4/9/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil 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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

70

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4382 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4382.09

Sample wt/vol: 9.3 (g/ml) G Lab File ID: VA006053.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 15.48 Date Analyzed: 4/9/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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. 70

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.09

Sample wt/vol: 9.3 (g/ml) G Lab File ID: VA006053.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 15.48 Date Analyzed: 4/9/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

71

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.11

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VA006035.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 6.25 Date Analyzed: 4/8/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3600	U
1634044	Methyl-tert-Butyl ether	830	U
108203	Di-isopropyl ether	550	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	830	U
74-83-9	Bromomethane	550	U
75-00-3	Chloroethane	830	U
75-69-4	Trichlorofluoromethane	550	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	550	U
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	550	U
156-60-5	trans-1,2-Dichloroethene	550	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	830	U
78-93-3	2-Butanone	830	U
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	280	U
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	550	U
71-43-2	Benzene	280	U
107-06-2	1,2-Dichloroethane	550	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	550	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	550	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	550	U
79-00-5	1,1,2-Trichloroethane	550	U
127-18-4	Tetrachloroethene	280	U
591-78-6	2-Hexanone	550	U
126-48-1	Dibromochloromethane	550	U
108-90-7	Chlorobenzene	280	U
100-41-4	Ethylbenzene	550	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

71

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.11

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VA006035.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 6.25 Date Analyzed: 4/8/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	830	U
1330-20-7	o-Xylene	550	U
100-42-5	Styrene	550	U
75-25-2	Bromoform	550	U
79-34-5	1,1,2,2-Tetrachloroethane	550	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

71

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.11

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VA006035.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 6.25 Date Analyzed: 4/8/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

72

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.13

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VA006036.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 17.89 Date Analyzed: 4/8/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil 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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

72

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.13

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VA006036.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 17.89 Date Analyzed: 4/8/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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. 72

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.13

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VA006036.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 17.89 Date Analyzed: 4/8/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

000952

1A

FIELD ID.

73

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.15

Sample wt/vol: 9.1 (g/ml) G Lab File ID: VA006037.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 18.05 Date Analyzed: 4/8/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2300	U
107131	Acrylonitrile	2300	U
75650	tert-Butyl alcohol	4300	U
1634044	Methyl-tert-Butyl ether	1000	U
108203	Di-isopropyl ether	670	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	330	U
75-01-4	Vinyl Chloride	1000	U
74-83-9	Bromomethane	670	U
75-00-3	Chloroethane	1000	U
75-69-4	Trichlorofluoromethane	670	U
75-35-4	1,1-Dichloroethene	330	U
67-64-1	Acetone	670	U
75-15-0	Carbon Disulfide	330	U
75-09-2	Methylene Chloride	670	U
156-60-5	trans-1,2-Dichloroethene	670	U
75-35-3	1,1-Dichloroethane	330	U
108-05-4	Vinyl Acetate	1000	U
78-93-3	2-Butanone	1000	U
	cis-1,2-Dichloroethene	330	U
67-66-3	Chloroform	330	U
75-55-6	1,1,1-Trichloroethane	330	U
56-23-5	Carbon Tetrachloride	670	U
71-43-2	Benzene	330	U
107-06-2	1,2-Dichloroethane	670	U
79-01-6	Trichloroethene	330	U
78-87-5	1,2-Dichloropropane	330	U
75-27-4	Bromodichloromethane	330	U
110-75-8	2-Chloroethyl vinyl ether	670	U
10061-01-5	cis-1,3-Dichloropropene	330	U
108-10-1	4-Methyl-2-Pentanone	670	U
108-88-3	Toluene	330	U
10061-02-6	trans-1,3-Dichloropropene	670	U
79-00-5	1,1,2-Trichloroethane	670	U
127-18-4	Tetrachloroethene	330	U
591-78-6	2-Hexanone	670	U
126-48-1	Dibromochloromethane	670	U
108-90-7	Chlorobenzene	330	U
100-41-4	Ethylbenzene	670	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

73

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.15

Sample wt/vol: 9.1 (g/ml) G Lab File ID: VA006037.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 18.05 Date Analyzed: 4/8/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
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. 73

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.15

Sample wt/vol: 9.1 (g/ml) G Lab File ID: VA006037.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 18.05 Date Analyzed: 4/8/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

000955

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

74

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.17

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VA006038.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 24.2 Date Analyzed: 4/8/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

74

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.17

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VA006038.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 24.2 Date Analyzed: 4/8/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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. 74

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.17

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VA006038.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 24.2 Date Analyzed: 4/8/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

300958

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

75

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.19

Sample wt/vol: 9.1 (g/ml) G Lab File ID: VA006041.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 19.16 Date Analyzed: 4/8/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2400	U
107131	Acrylonitrile	2400	U
75650	tert-Butyl alcohol	4400	U
1634044	Methyl-tert-Butyl ether	1000	U
108203	Di-isopropyl ether	680	U
	Dichlorodifluoromethane	1400	U
74-87-3	Chloromethane	340	U
75-01-4	Vinyl Chloride	1000	U
74-83-9	Bromomethane	680	U
75-00-3	Chloroethane	1000	U
75-69-4	Trichlorofluoromethane	680	U
75-35-4	1,1-Dichloroethene	340	U
67-64-1	Acetone	680	U
75-15-0	Carbon Disulfide	340	U
75-09-2	Methylene Chloride	680	U
156-60-5	trans-1,2-Dichloroethene	680	U
75-35-3	1,1-Dichloroethane	340	U
108-05-4	Vinyl Acetate	1000	U
78-93-3	2-Butanone	1000	U
	cis-1,2-Dichloroethene	340	U
67-66-3	Chloroform	340	U
75-55-6	1,1,1-Trichloroethane	340	U
56-23-5	Carbon Tetrachloride	680	U
71-43-2	Benzene	340	U
107-06-2	1,2-Dichloroethane	680	U
79-01-6	Trichloroethene	340	U
78-87-5	1,2-Dichloropropane	340	U
75-27-4	Bromodichloromethane	340	U
110-75-8	2-Chloroethyl vinyl ether	680	U
10061-01-5	cis-1,3-Dichloropropene	340	U
108-10-1	4-Methyl-2-Pentanone	680	U
108-88-3	Toluene	340	U
10061-02-6	trans-1,3-Dichloropropene	680	U
79-00-5	1,1,2-Trichloroethane	680	U
127-18-4	Tetrachloroethene	340	U
591-78-6	2-Hexanone	680	U
126-48-1	Dibromochloromethane	680	U
108-90-7	Chlorobenzene	340	U
100-41-4	Ethylbenzene	680	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

75

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.19

Sample wt/vol: 9.1 (g/ml) G Lab File ID: VA006041.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 19.16 Date Analyzed: 4/8/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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.

75

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.19

Sample wt/vol: 9.1 (g/ml) G Lab File ID: VA006041.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 19.16 Date Analyzed: 4/8/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

000961

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

76

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.21

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VA006042.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 18.46 Date Analyzed: 4/8/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	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	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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

76

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.21

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VA006042.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 18.46 Date Analyzed: 4/8/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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. 76

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.21

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VA006042.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 18.46 Date Analyzed: 4/8/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

77

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.23

Sample wt/vol: 9.2 (g/ml) G Lab File ID: VA006054.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 19.92 Date Analyzed: 4/9/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2400	U
107131	Acrylonitrile	2400	U
75650	tert-Butyl alcohol	4400	U
1634044	Methyl-tert-Butyl ether	1000	U
108203	Di-isopropyl ether	680	U
	Dichlorodifluoromethane	1400	U
74-87-3	Chloromethane	340	U
75-01-4	Vinyl Chloride	1000	U
74-83-9	Bromomethane	680	U
75-00-3	Chloroethane	1000	U
75-69-4	Trichlorofluoromethane	680	U
75-35-4	1,1-Dichloroethene	340	U
67-64-1	Acetone	680	U
75-15-0	Carbon Disulfide	340	U
75-09-2	Methylene Chloride	680	U
156-60-5	trans-1,2-Dichloroethene	680	U
75-35-3	1,1-Dichloroethane	340	U
108-05-4	Vinyl Acetate	1000	U
78-93-3	2-Butanone	1000	U
	cis-1,2-Dichloroethene	340	U
67-66-3	Chloroform	340	U
75-55-6	1,1,1-Trichloroethane	340	U
56-23-5	Carbon Tetrachloride	680	U
71-43-2	Benzene	340	U
107-06-2	1,2-Dichloroethane	680	U
79-01-6	Trichloroethene	340	U
78-87-5	1,2-Dichloropropane	340	U
75-27-4	Bromodichloromethane	340	U
110-75-8	2-Chloroethyl vinyl ether	680	U
10061-01-5	cis-1,3-Dichloropropene	340	U
108-10-1	4-Methyl-2-Pentanone	680	U
108-88-3	Toluene	340	U
10061-02-6	trans-1,3-Dichloropropene	680	U
79-00-5	1,1,2-Trichloroethane	680	U
127-18-4	Tetrachloroethene	340	U
591-78-6	2-Hexanone	680	U
126-48-1	Dibromochloromethane	680	U
108-90-7	Chlorobenzene	340	U
100-41-4	Ethylbenzene	680	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

77

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4382 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4382.23

Sample wt/vol: 9.2 (g/ml) G Lab File ID: VA006054.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 19.92 Date Analyzed: 4/9/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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. 77

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4382 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4382.23

Sample wt/vol: 9.2 (g/ml) G Lab File ID: VA006054.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 19.92 Date Analyzed: 4/9/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	10.10	2200	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

78

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.25

Sample wt/vol: 8.9 (g/ml) G Lab File ID: VA006044.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 16.91 Date Analyzed: 4/8/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2400	U
107131	Acrylonitrile	2400	U
75650	tert-Butyl alcohol	4400	U
1634044	Methyl-tert-Butyl ether	1000	U
108203	Di-isopropyl ether	670	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	340	U
75-01-4	Vinyl Chloride	1000	U
74-83-9	Bromomethane	670	U
75-00-3	Chloroethane	1000	U
75-69-4	Trichlorofluoromethane	670	U
75-35-4	1,1-Dichloroethene	340	U
67-64-1	Acetone	670	U
75-15-0	Carbon Disulfide	340	U
75-09-2	Methylene Chloride	670	U
156-60-5	trans-1,2-Dichloroethene	670	U
75-35-3	1,1-Dichloroethane	340	U
108-05-4	Vinyl Acetate	1000	U
78-93-3	2-Butanone	1000	U
	cis-1,2-Dichloroethene	340	U
67-66-3	Chloroform	340	U
75-55-6	1,1,1-Trichloroethane	340	U
56-23-5	Carbon Tetrachloride	670	U
71-43-2	Benzene	340	U
107-06-2	1,2-Dichloroethane	670	U
79-01-6	Trichloroethene	340	U
78-87-5	1,2-Dichloropropane	340	U
75-27-4	Bromodichloromethane	340	U
110-75-8	2-Chloroethyl vinyl ether	670	U
10061-01-5	cis-1,3-Dichloropropene	340	U
108-10-1	4-Methyl-2-Pentanone	670	U
108-88-3	Toluene	340	U
10061-02-6	trans-1,3-Dichloropropene	670	U
79-00-5	1,1,2-Trichloroethane	670	U
127-18-4	Tetrachloroethene	340	U
591-78-6	2-Hexanone	670	U
126-48-1	Dibromochloromethane	670	U
108-90-7	Chlorobenzene	340	U
100-41-4	Ethylbenzene	670	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

78

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.25

Sample wt/vol: 8.9 (g/ml) G Lab File ID: VA006044.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 16.91 Date Analyzed: 4/8/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
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. 78

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4382 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4382.25

Sample wt/vol: 8.9 (g/ml) G Lab File ID: VA006044.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 16.91 Date Analyzed: 4/8/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

79

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.29

Sample wt/vol: 8.8 (g/ml) G Lab File ID: VA006046.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 17.01 Date Analyzed: 4/8/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil 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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

79

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.29

Sample wt/vol: 8.8 (g/ml) G Lab File ID: VA006046.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 17.01 Date Analyzed: 4/8/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
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.

79

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.29

Sample wt/vol: 8.8 (g/ml) G Lab File ID: VA006046.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 17.01 Date Analyzed: 4/8/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

000973

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

80

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.31

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VA006047.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 7.42 Date Analyzed: 4/8/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil 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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

80

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.31

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VA006047.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 7.42 Date Analyzed: 4/8/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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.

80

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.31

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VA006047.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 7.42 Date Analyzed: 4/8/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

000976

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

81

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.33

Sample wt/vol: 8.8 (g/ml) G Lab File ID: VA006048.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 42.02 Date Analyzed: 4/8/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	3400	U
107131	Acrylonitrile	3400	U
75650	tert-Butyl alcohol	6400	U
1634044	Methyl-tert-Butyl ether	1500	U
108203	Di-isopropyl ether	980	U
	Dichlorodifluoromethane	2000	U
74-87-3	Chloromethane	490	U
75-01-4	Vinyl Chloride	1500	U
74-83-9	Bromomethane	980	U
75-00-3	Chloroethane	1500	U
75-69-4	Trichlorofluoromethane	980	U
75-35-4	1,1-Dichloroethene	490	U
67-64-1	Acetone	980	U
75-15-0	Carbon Disulfide	490	U
75-09-2	Methylene Chloride	980	U
156-60-5	trans-1,2-Dichloroethene	980	U
75-35-3	1,1-Dichloroethane	490	U
108-05-4	Vinyl Acetate	1500	U
78-93-3	2-Butanone	1500	U
	cis-1,2-Dichloroethene	490	U
67-66-3	Chloroform	490	U
75-55-6	1,1,1-Trichloroethane	490	U
56-23-5	Carbon Tetrachloride	980	U
71-43-2	Benzene	490	U
107-06-2	1,2-Dichloroethane	980	U
79-01-6	Trichloroethene	490	U
78-87-5	1,2-Dichloropropane	490	U
75-27-4	Bromodichloromethane	490	U
110-75-8	2-Chloroethyl vinyl ether	980	U
10061-01-5	cis-1,3-Dichloropropene	490	U
108-10-1	4-Methyl-2-Pentanone	980	U
108-88-3	Toluene	490	U
10061-02-6	trans-1,3-Dichloropropene	980	U
79-00-5	1,1,2-Trichloroethane	980	U
127-18-4	Tetrachloroethene	490	U
591-78-6	2-Hexanone	980	U
126-48-1	Dibromochloromethane	980	U
108-90-7	Chlorobenzene	1400	
100-41-4	Ethylbenzene	980	U

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

81

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.33

Sample wt/vol: 8.8 (g/ml) G Lab File ID: VA006048.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 42.02 Date Analyzed: 4/8/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	1500	U
1330-20-7	o-Xylene	980	U
100-42-5	Styrene	980	U
75-25-2	Bromoform	980	U
79-34-5	1,1,2,2-Tetrachloroethane	980	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

81

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.33

Sample wt/vol: 8.8 (g/ml) G Lab File ID: VA006048.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 42.02 Date Analyzed: 4/8/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 10

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 015869-94-0	Octane, 3,6-dimethyl-	22.34	3200	JN
2.	unknown	22.76	3400	J
3.	unknown	23.24	12000	J
4.	unknown	24.61	5100	J
5.	unknown	24.80	3400	J
6.	unknown	25.03	4300	J
7.	unknown	25.68	4300	J
8.	unknown	26.04	4200	J
9.	unknown	26.28	12000	J
10.	unknown	26.77	4000	J

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

82

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4382 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4382.35

Sample wt/vol: 8.5 (g/ml) G Lab File ID: VA006049.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 11.23 Date Analyzed: 4/8/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

82

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.35

Sample wt/vol: 8.5 (g/ml) G Lab File ID: VA006049.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 11.23 Date Analyzed: 4/8/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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.

82

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.35

Sample wt/vol: 8.5 (g/ml) G Lab File ID: VA006049.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 11.23 Date Analyzed: 4/8/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

000382

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

83

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.39

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VA006056.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 15.02 Date Analyzed: 4/9/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

83

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.39

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VA006056.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 15.02 Date Analyzed: 4/9/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
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.

83

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4382 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4382.39

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VA006056.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 15.02 Date Analyzed: 4/9/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

84

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.41

Sample wt/vol: 7.2 (g/ml) G Lab File ID: VA006057.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 18.05 Date Analyzed: 4/9/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2900	U
107131	Acrylonitrile	2900	U
75650	tert-Butyl alcohol	5500	U
1634044	Methyl-tert-Butyl ether	1300	U
108203	Di-isopropyl ether	840	U
	Dichlorodifluoromethane	1700	U
74-87-3	Chloromethane	420	U
75-01-4	Vinyl Chloride	1300	U
74-83-9	Bromomethane	840	U
75-00-3	Chloroethane	1300	U
75-69-4	Trichlorofluoromethane	840	U
75-35-4	1,1-Dichloroethene	420	U
67-64-1	Acetone	840	U
75-15-0	Carbon Disulfide	420	U
75-09-2	Methylene Chloride	840	U
156-60-5	trans-1,2-Dichloroethene	840	U
75-35-3	1,1-Dichloroethane	420	U
108-05-4	Vinyl Acetate	1300	U
78-93-3	2-Butanone	1300	U
	cis-1,2-Dichloroethene	420	U
67-66-3	Chloroform	420	U
75-55-6	1,1,1-Trichloroethane	420	U
56-23-5	Carbon Tetrachloride	840	U
71-43-2	Benzene	420	U
107-06-2	1,2-Dichloroethane	840	U
79-01-6	Trichloroethene	420	U
78-87-5	1,2-Dichloropropane	420	U
75-27-4	Bromodichloromethane	420	U
110-75-8	2-Chloroethyl vinyl ether	840	U
10061-01-5	cis-1,3-Dichloropropene	420	U
108-10-1	4-Methyl-2-Pentanone	840	U
108-88-3	Toluene	420	U
10061-02-6	trans-1,3-Dichloropropene	840	U
79-00-5	1,1,2-Trichloroethane	840	U
127-18-4	Tetrachloroethene	420	U
591-78-6	2-Hexanone	840	U
126-48-1	Dibromochloromethane	840	U
108-90-7	Chlorobenzene	420	U
100-41-4	Ethylbenzene	840	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

84

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.41

Sample wt/vol: 7.2 (g/ml) G Lab File ID: VA006057.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 18.05 Date Analyzed: 4/9/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	1300	U
1330-20-7	o-Xylene	840	U
100-42-5	Styrene	840	U
75-25-2	Bromoform	840	U
79-34-5	1,1,2,2-Tetrachloroethane	840	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID. 84

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4382 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4382.41

Sample wt/vol: 7.2 (g/ml) G Lab File ID: VA006057.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 18.05 Date Analyzed: 4/9/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	10.11	2600	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

85

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.43

Sample wt/vol: 9.4 (g/ml) G Lab File ID: VA006058.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 13.29 Date Analyzed: 4/9/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil 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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

85

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.43

Sample wt/vol: 9.4 (g/ml) G Lab File ID: VA006058.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 13.29 Date Analyzed: 4/9/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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.

85

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.43

Sample wt/vol: 9.4 (g/ml) G Lab File ID: VA006058.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 13.29 Date Analyzed: 4/9/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	23.22	2300	J

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

86

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4382 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4382.45

Sample wt/vol: 9.3 (g/ml) G Lab File ID: VA006059.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 32.81 Date Analyzed: 4/9/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil 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	800	U
	Dichlorodifluoromethane	1600	U
74-87-3	Chloromethane	400	U
75-01-4	Vinyl Chloride	1200	U
74-83-9	Bromomethane	800	U
75-00-3	Chloroethane	1200	U
75-69-4	Trichlorofluoromethane	800	U
75-35-4	1,1-Dichloroethene	400	U
67-64-1	Acetone	800	U
75-15-0	Carbon Disulfide	400	U
75-09-2	Methylene Chloride	800	U
156-60-5	trans-1,2-Dichloroethene	800	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	800	U
71-43-2	Benzene	400	U
107-06-2	1,2-Dichloroethane	800	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	800	U
10061-01-5	cis-1,3-Dichloropropene	400	U
108-10-1	4-Methyl-2-Pentanone	800	U
108-88-3	Toluene	400	U
10061-02-6	trans-1,3-Dichloropropene	800	U
79-00-5	1,1,2-Trichloroethane	800	U
127-18-4	Tetrachloroethene	400	U
591-78-6	2-Hexanone	800	U
126-48-1	Dibromochloromethane	800	U
108-90-7	Chlorobenzene	400	U
100-41-4	Ethylbenzene	800	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

86

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.45

Sample wt/vol: 9.3 (g/ml) G Lab File ID: VA006059.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 32.81 Date Analyzed: 4/9/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	1200	U
1330-20-7	o-Xylene	800	U
100-42-5	Styrene	800	U
75-25-2	Bromoform	800	U
79-34-5	1,1,2,2-Tetrachloroethane	800	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID. 86

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.45

Sample wt/vol: 9.3 (g/ml) G Lab File ID: VA006059.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 32.81 Date Analyzed: 4/9/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 6

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	10.10	2500	JN
2.	unknown	23.24	4500	J
3. 000099-82-1	1-Methyl-4-(1-methylethyl)-cyclol	24.60	2500	JN
4. 017302-28-2	Nonane, 2,6-dimethyl-	25.02	4600	JN
5.	unknown	25.68	3100	J
6.	unknown	26.27	5700	J

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

87

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.47

Sample wt/vol: 8.8 (g/ml) G Lab File ID: VA006060.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 51.13 Date Analyzed: 4/9/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	4100	U
107131	Acrylonitrile	4100	U
75650	tert-Butyl alcohol	7600	U
1634044	Methyl-tert-Butyl ether	1700	U
108203	Di-isopropyl ether	1200	U
	Dichlorodifluoromethane	2300	U
74-87-3	Chloromethane	580	U
75-01-4	Vinyl Chloride	1700	U
74-83-9	Bromomethane	1200	U
75-00-3	Chloroethane	1700	U
75-69-4	Trichlorofluoromethane	1200	U
75-35-4	1,1-Dichloroethene	580	U
67-64-1	Acetone	1200	U
75-15-0	Carbon Disulfide	580	U
75-09-2	Methylene Chloride	1200	U
156-60-5	trans-1,2-Dichloroethene	1200	U
75-35-3	1,1-Dichloroethane	580	U
108-05-4	Vinyl Acetate	1700	U
78-93-3	2-Butanone	1700	U
	cis-1,2-Dichloroethene	580	U
67-66-3	Chloroform	580	U
75-55-6	1,1,1-Trichloroethane	580	U
56-23-5	Carbon Tetrachloride	1200	U
71-43-2	Benzene	580	U
107-06-2	1,2-Dichloroethane	1200	U
79-01-6	Trichloroethene	580	U
78-87-5	1,2-Dichloropropane	580	U
75-27-4	Bromodichloromethane	580	U
110-75-8	2-Chloroethyl vinyl ether	1200	U
10061-01-5	cis-1,3-Dichloropropene	580	U
108-10-1	4-Methyl-2-Pentanone	1200	U
108-88-3	Toluene	580	U
10061-02-6	trans-1,3-Dichloropropene	1200	U
79-00-5	1,1,2-Trichloroethane	1200	U
127-18-4	Tetrachloroethene	580	U
591-78-6	2-Hexanone	1200	U
126-48-1	Dibromochloromethane	1200	U
108-90-7	Chlorobenzene	580	U
100-41-4	Ethylbenzene	1200	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

87

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.47

Sample wt/vol: 8.8 (g/ml) G Lab File ID: VA006060.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 51.13 Date Analyzed: 4/9/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	1700	U
1330-20-7	o-Xylene	1200	U
100-42-5	Styrene	1200	U
75-25-2	Bromoform	1200	U
79-34-5	1,1,2,2-Tetrachloroethane	1200	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

87

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.47

Sample wt/vol: 8.8 (g/ml) G Lab File ID: VA006060.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 51.13 Date Analyzed: 4/9/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	10.11	3900	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

88

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.49

Sample wt/vol: 8.6 (g/ml) G Lab File ID: VA006061.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 12.38 Date Analyzed: 4/9/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

88

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.49

Sample wt/vol: 8.6 (g/ml) G Lab File ID: VA006061.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 12.38 Date Analyzed: 4/9/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
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. 88

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4382 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4382.49

Sample wt/vol: 8.6 (g/ml) G Lab File ID: VA006061.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 12.38 Date Analyzed: 4/9/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

89

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4389 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4389.03

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VB03390.D

Level: (low/med) MED Date Received: 4/1/99

% Moisture: not dec. 17.1 Date Analyzed: 4/6/99

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	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	470	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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

89

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4389 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4389.03

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VB03390.D

Level: (low/med) MED Date Received: 4/1/99

% Moisture: not dec. 17.1 Date Analyzed: 4/6/99

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	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.

89

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4389 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4389.03

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VB03390.D

Level: (low/med) MED Date Received: 4/1/99

% Moisture: not dec. 17.1 Date Analyzed: 4/6/99

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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

90

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4389 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4389.05

Sample wt/vol: 8.8 (g/ml) G Lab File ID: VB03391.D

Level: (low/med) MED Date Received: 4/1/99

% Moisture: not dec. 11.35 Date Analyzed: 4/6/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

90

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4389 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4389.05

Sample wt/vol: 8.8 (g/ml) G Lab File ID: VB03391.D

Level: (low/med) MED Date Received: 4/1/99

% Moisture: not dec. 11.35 Date Analyzed: 4/6/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
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. **90**

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4389 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4389.05

Sample wt/vol: 8.8 (g/ml) G Lab File ID: VB03391.D

Level: (low/med) MED Date Received: 4/1/99

% Moisture: not dec. 11.35 Date Analyzed: 4/6/99

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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

91

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4389 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4389.07

Sample wt/vol: 9.2 (g/ml) G Lab File ID: VB03392.D

Level: (low/med) MED Date Received: 4/1/99

% Moisture: not dec. 9.12 Date Analyzed: 4/6/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2100	U
107131	Acrylonitrile	2100	U
75650	tert-Butyl alcohol	3900	U
1634044	Methyl-tert-Butyl ether	890	U
108203	Di-isopropyl ether	600	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	300	U
75-01-4	Vinyl Chloride	890	U
74-83-9	Bromomethane	600	U
75-00-3	Chloroethane	890	U
75-69-4	Trichlorofluoromethane	600	U
75-35-4	1,1-Dichloroethene	300	U
67-64-1	Acetone	600	U
75-15-0	Carbon Disulfide	300	U
75-09-2	Methylene Chloride	600	U
156-60-5	trans-1,2-Dichloroethene	600	U
75-35-3	1,1-Dichloroethane	300	U
108-05-4	Vinyl Acetate	890	U
78-93-3	2-Butanone	890	U
	cis-1,2-Dichloroethene	300	U
67-66-3	Chloroform	300	U
75-55-6	1,1,1-Trichloroethane	300	U
56-23-5	Carbon Tetrachloride	600	U
71-43-2	Benzene	300	U
107-06-2	1,2-Dichloroethane	600	U
79-01-6	Trichloroethene	300	U
78-87-5	1,2-Dichloropropane	300	U
75-27-4	Bromodichloromethane	300	U
110-75-8	2-Chloroethyl vinyl ether	600	U
10061-01-5	cis-1,3-Dichloropropene	300	U
108-10-1	4-Methyl-2-Pentanone	600	U
108-88-3	Toluene	300	U
10061-02-6	trans-1,3-Dichloropropene	600	U
79-00-5	1,1,2-Trichloroethane	600	U
127-18-4	Tetrachloroethene	300	U
591-78-6	2-Hexanone	600	U
126-48-1	Dibromochloromethane	600	U
108-90-7	Chlorobenzene	300	U
100-41-4	Ethylbenzene	600	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

91

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4389 SDG No: Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4389.07

Sample wt/vol: 9.2 (g/ml) G Lab File ID: VB03392.D

Level: (low/med) MED Date Received: 4/1/99

% Moisture: not dec. 9.12 Date Analyzed: 4/6/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	890	U
1330-20-7	o-Xylene	600	U
100-42-5	Styrene	600	U
75-25-2	Bromoform	600	U
79-34-5	1,1,2,2-Tetrachloroethane	600	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID. 91

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4389 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4389.07

Sample wt/vol: 9.2 (g/ml) G Lab File ID: VB03392.D

Level: (low/med) MED Date Received: 4/1/99

% Moisture: not dec. 9.12 Date Analyzed: 4/6/99

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: 6

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	30.17	3100	J
2.	unknown	31.63	2400	J
3.	unknown	32.78	2500	J
4. 000095-63-6	Benzene, 1,2,4-trimethyl-	33.20	3400	JN
5.	unknown	33.43	5100	J
6.	unknown	33.98	1900	J

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

92

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4389 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4389.09

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VB03393.D

Level: (low/med) MED Date Received: 4/1/99

% Moisture: not dec. 8.71 Date Analyzed: 4/6/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

92

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4389 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4389.09

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VB03393.D

Level: (low/med) MED Date Received: 4/1/99

% Moisture: not dec. 8.71 Date Analyzed: 4/6/99

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. **92**

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4389 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4389.09

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VB03393.D

Level: (low/med) MED Date Received: 4/1/99

% Moisture: not dec. 8.71 Date Analyzed: 4/6/99

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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

93

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4389 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4389.11

Sample wt/vol: 9.0 (g/ml) G Lab File ID: VB03394.D

Level: (low/med) MED Date Received: 4/1/99

% Moisture: not dec. 11.09 Date Analyzed: 4/6/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2200	U
107131	Acrylonitrile	2200	U
75650	tert-Butyl alcohol	4100	U
1634044	Methyl-tert-Butyl ether	940	U
108203	Di-isopropyl ether	630	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	310	U
75-01-4	Vinyl Chloride	940	U
74-83-9	Bromomethane	630	U
75-00-3	Chloroethane	940	U
75-69-4	Trichlorofluoromethane	630	U
75-35-4	1,1-Dichloroethene	310	U
67-64-1	Acetone	630	U
75-15-0	Carbon Disulfide	310	U
75-09-2	Methylene Chloride	630	U
156-60-5	trans-1,2-Dichloroethene	630	U
75-35-3	1,1-Dichloroethane	310	U
108-05-4	Vinyl Acetate	940	U
78-93-3	2-Butanone	940	U
	cis-1,2-Dichloroethene	310	U
67-66-3	Chloroform	310	U
75-55-6	1,1,1-Trichloroethane	310	U
56-23-5	Carbon Tetrachloride	630	U
71-43-2	Benzene	310	U
107-06-2	1,2-Dichloroethane	630	U
79-01-6	Trichloroethene	310	U
78-87-5	1,2-Dichloropropane	310	U
75-27-4	Bromodichloromethane	310	U
110-75-8	2-Chloroethyl vinyl ether	630	U
10061-01-5	cis-1,3-Dichloropropene	310	U
108-10-1	4-Methyl-2-Pentanone	630	U
108-88-3	Toluene	310	U
10061-02-6	trans-1,3-Dichloropropene	630	U
79-00-5	1,1,2-Trichloroethane	630	U
127-18-4	Tetrachloroethene	310	U
591-78-6	2-Hexanone	630	U
126-48-1	Dibromochloromethane	630	U
108-90-7	Chlorobenzene	310	U
100-41-4	Ethylbenzene	630	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

93

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4389 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4389.11

Sample wt/vol: 9.0 (g/ml) G Lab File ID: VB03394.D

Level: (low/med) MED Date Received: 4/1/99

% Moisture: not dec. 11.09 Date Analyzed: 4/6/99

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	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. 93

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4389 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4389.11

Sample wt/vol: 9.0 (g/ml) G Lab File ID: VB03394.D

Level: (low/med) MED Date Received: 4/1/99

% Moisture: not dec. 11.09 Date Analyzed: 4/6/99

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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

94

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4389 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4389.13

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VB03395.D

Level: (low/med) MED Date Received: 4/1/99

% Moisture: not dec. 20.26 Date Analyzed: 4/6/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2300	U
107131	Acrylonitrile	2300	U
75650	tert-Butyl alcohol	4200	U
1634044	Methyl-tert-Butyl ether	980	U
108203	Di-isopropyl ether	650	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	330	U
75-01-4	Vinyl Chloride	980	U
74-83-9	Bromomethane	650	U
75-00-3	Chloroethane	980	U
75-69-4	Trichlorofluoromethane	650	U
75-35-4	1,1-Dichloroethene	330	U
67-64-1	Acetone	650	U
75-15-0	Carbon Disulfide	330	U
75-09-2	Methylene Chloride	650	U
156-60-5	trans-1,2-Dichloroethene	650	U
75-35-3	1,1-Dichloroethane	330	U
108-05-4	Vinyl Acetate	980	U
78-93-3	2-Butanone	980	U
	cis-1,2-Dichloroethene	330	U
67-66-3	Chloroform	330	U
75-55-6	1,1,1-Trichloroethane	330	U
56-23-5	Carbon Tetrachloride	650	U
71-43-2	Benzene	330	U
107-06-2	1,2-Dichloroethane	650	U
79-01-6	Trichloroethene	330	U
78-87-5	1,2-Dichloropropane	330	U
75-27-4	Bromodichloromethane	330	U
110-75-8	2-Chloroethyl vinyl ether	650	U
10061-01-5	cis-1,3-Dichloropropene	330	U
108-10-1	4-Methyl-2-Pentanone	650	U
108-88-3	Toluene	330	U
10061-02-6	trans-1,3-Dichloropropene	650	U
79-00-5	1,1,2-Trichloroethane	650	U
127-18-4	Tetrachloroethene	330	U
591-78-6	2-Hexanone	650	U
126-48-1	Dibromochloromethane	650	U
108-90-7	Chlorobenzene	330	U
100-41-4	Ethylbenzene	650	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

94

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4389 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4389.13

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VB03395.D

Level: (low/med) MED Date Received: 4/1/99

% Moisture: not dec. 20.26 Date Analyzed: 4/6/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	980	U
1330-20-7	o-Xylene	650	U
100-42-5	Styrene	650	U
75-25-2	Bromoform	650	U
79-34-5	1,1,2,2-Tetrachloroethane	650	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID. 94

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4389 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4389.13

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VB03395.D

Level: (low/med) MED Date Received: 4/1/99

% Moisture: not dec. 20.26 Date Analyzed: 4/6/99

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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

95

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4389 SDG No: Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4389.15

Sample wt/vol: 9.1 (g/ml) G Lab File ID: VB03396.D

Level: (low/med) MED Date Received: 4/1/99

% Moisture: not dec. 16.22 Date Analyzed: 4/6/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2300	U
107131	Acrylonitrile	2300	U
75650	tert-Butyl alcohol	4200	U
1634044	Methyl-tert-Butyl ether	980	U
108203	Di-isopropyl ether	650	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	330	U
75-01-4	Vinyl Chloride	980	U
74-83-9	Bromomethane	650	U
75-00-3	Chloroethane	980	U
75-69-4	Trichlorofluoromethane	650	U
75-35-4	1,1-Dichloroethene	330	U
67-64-1	Acetone	650	U
75-15-0	Carbon Disulfide	330	U
75-09-2	Methylene Chloride	650	U
156-60-5	trans-1,2-Dichloroethene	650	U
75-35-3	1,1-Dichloroethane	330	U
108-05-4	Vinyl Acetate	980	U
78-93-3	2-Butanone	980	U
	cis-1,2-Dichloroethene	330	U
67-66-3	Chloroform	330	U
75-55-6	1,1,1-Trichloroethane	330	U
56-23-5	Carbon Tetrachloride	650	U
71-43-2	Benzene	330	U
107-06-2	1,2-Dichloroethane	650	U
79-01-6	Trichloroethene	330	U
78-87-5	1,2-Dichloropropane	330	U
75-27-4	Bromodichloromethane	330	U
110-75-8	2-Chloroethyl vinyl ether	650	U
10061-01-5	cis-1,3-Dichloropropene	330	U
108-10-1	4-Methyl-2-Pentanone	650	U
108-88-3	Toluene	330	U
10061-02-6	trans-1,3-Dichloropropene	650	U
79-00-5	1,1,2-Trichloroethane	650	U
127-18-4	Tetrachloroethene	330	U
591-78-6	2-Hexanone	650	U
126-48-1	Dibromochloromethane	650	U
108-90-7	Chlorobenzene	330	U
100-41-4	Ethylbenzene	650	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

95

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4389 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4389.15

Sample wt/vol: 9.1 (g/ml) G Lab File ID: VB03396.D

Level: (low/med) MED Date Received: 4/1/99

% Moisture: not dec. 16.22 Date Analyzed: 4/6/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	980	U
1330-20-7	o-Xylene	650	U
100-42-5	Styrene	650	U
75-25-2	Bromoform	650	U
79-34-5	1,1,2,2-Tetrachloroethane	650	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID. 95

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4389 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4389.15

Sample wt/vol: 9.1 (g/ml) G Lab File ID: VB03396.D

Level: (low/med) MED Date Received: 4/1/99

% Moisture: not dec. 16.22 Date Analyzed: 4/6/99

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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

96

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4389 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4389.17

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VB03397.D

Level: (low/med) MED Date Received: 4/1/99

% Moisture: not dec. 16.23 Date Analyzed: 4/6/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

96

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4389 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4389.17

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VB03397.D

Level: (low/med) MED Date Received: 4/1/99

% Moisture: not dec. 16.23 Date Analyzed: 4/6/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
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. 96

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4389 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4389.17

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VB03397.D

Level: (low/med) MED Date Received: 4/1/99

% Moisture: not dec. 16.23 Date Analyzed: 4/6/99

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. 000080-56-8	.alpha.-Pinene	30.55	2300	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

97

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4389 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4389.19

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VB03398.D

Level: (low/med) MED Date Received: 4/1/99

% Moisture: not dec. 11.15 Date Analyzed: 4/6/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

97

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4389 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4389.19

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VB03398.D

Level: (low/med) MED Date Received: 4/1/99

% Moisture: not dec. 11.15 Date Analyzed: 4/6/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
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. 97

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4389 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4389.19

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VB03398.D

Level: (low/med) MED Date Received: 4/1/99

% Moisture: not dec. 11.15 Date Analyzed: 4/6/99

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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

98

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4389 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4389.21

Sample wt/vol: 3.6 (g/ml) G Lab File ID: VB03399.D

Level: (low/med) MED Date Received: 4/1/99

% Moisture: not dec. 12.37 Date Analyzed: 4/7/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	5500	U
107131	Acrylonitrile	5500	U
75650	tert-Butyl alcohol	10000	U
1634044	Methyl-tert-Butyl ether	2400	U
108203	Di-isopropyl ether	1600	U
	Dichlorodifluoromethane	3100	U
74-87-3	Chloromethane	780	U
75-01-4	Vinyl Chloride	2400	U
74-83-9	Bromomethane	1600	U
75-00-3	Chloroethane	2400	U
75-69-4	Trichlorofluoromethane	1600	U
75-35-4	1,1-Dichloroethene	780	U
67-64-1	Acetone	1600	U
75-15-0	Carbon Disulfide	780	U
75-09-2	Methylene Chloride	1600	U
156-60-5	trans-1,2-Dichloroethene	1600	U
75-35-3	1,1-Dichloroethane	780	U
108-05-4	Vinyl Acetate	2400	U
78-93-3	2-Butanone	2400	U
	cis-1,2-Dichloroethene	780	U
67-66-3	Chloroform	780	U
75-55-6	1,1,1-Trichloroethane	780	U
56-23-5	Carbon Tetrachloride	1600	U
71-43-2	Benzene	780	U
107-06-2	1,2-Dichloroethane	1600	U
79-01-6	Trichloroethene	780	U
78-87-5	1,2-Dichloropropane	780	U
75-27-4	Bromodichloromethane	780	U
110-75-8	2-Chloroethyl vinyl ether	1600	U
10061-01-5	cis-1,3-Dichloropropene	780	U
108-10-1	4-Methyl-2-Pentanone	1600	U
108-88-3	Toluene	780	U
10061-02-6	trans-1,3-Dichloropropene	1600	U
79-00-5	1,1,2-Trichloroethane	1600	U
127-18-4	Tetrachloroethene	780	U
591-78-6	2-Hexanone	1600	U
126-48-1	Dibromochloromethane	1600	U
108-90-7	Chlorobenzene	780	U
100-41-4	Ethylbenzene	1600	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

98

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4389 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4389.21

Sample wt/vol: 3.6 (g/ml) G Lab File ID: VB03399.D

Level: (low/med) MED Date Received: 4/1/99

% Moisture: not dec. 12.37 Date Analyzed: 4/7/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	2400	U
1330-20-7	o-Xylene	1600	U
100-42-5	Styrene	1600	U
75-25-2	Bromoform	1600	U
79-34-5	1,1,2,2-Tetrachloroethane	1600	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID. **98**

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4389 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4389.21

Sample wt/vol: 3.6 (g/ml) G Lab File ID: VB03399.D

Level: (low/med) MED Date Received: 4/1/99

% Moisture: not dec. 12.37 Date Analyzed: 4/7/99

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	34.26	8200	J

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

99

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4389 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4389.23

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VB03400.D

Level: (low/med) MED Date Received: 4/1/99

% Moisture: not dec. 19.7 Date Analyzed: 4/7/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2300	U
107131	Acrylonitrile	2300	U
75650	tert-Butyl alcohol	4200	U
1634044	Methyl-tert-Butyl ether	980	U
108203	Di-isopropyl ether	650	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	330	U
75-01-4	Vinyl Chloride	980	U
74-83-9	Bromomethane	650	U
75-00-3	Chloroethane	980	U
75-69-4	Trichlorofluoromethane	650	U
75-35-4	1,1-Dichloroethene	330	U
67-64-1	Acetone	650	U
75-15-0	Carbon Disulfide	330	U
75-09-2	Methylene Chloride	650	U
156-60-5	trans-1,2-Dichloroethene	650	U
75-35-3	1,1-Dichloroethane	330	U
108-05-4	Vinyl Acetate	980	U
78-93-3	2-Butanone	980	U
	cis-1,2-Dichloroethene	330	U
67-66-3	Chloroform	330	U
75-55-6	1,1,1-Trichloroethane	330	U
56-23-5	Carbon Tetrachloride	650	U
71-43-2	Benzene	330	U
107-06-2	1,2-Dichloroethane	650	U
79-01-6	Trichloroethene	330	U
78-87-5	1,2-Dichloropropane	330	U
75-27-4	Bromodichloromethane	330	U
110-75-8	2-Chloroethyl vinyl ether	650	U
10061-01-5	cis-1,3-Dichloropropene	330	U
108-10-1	4-Methyl-2-Pentanone	650	U
108-88-3	Toluene	330	U
10061-02-6	trans-1,3-Dichloropropene	650	U
79-00-5	1,1,2-Trichloroethane	650	U
127-18-4	Tetrachloroethene	330	U
591-78-6	2-Hexanone	650	U
126-48-1	Dibromochloromethane	650	U
108-90-7	Chlorobenzene	330	U
100-41-4	Ethylbenzene	650	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

99

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4389 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4389.23

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VB03400.D

Level: (low/med) MED Date Received: 4/1/99

% Moisture: not dec. 19.7 Date Analyzed: 4/7/99

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	980	U
1330-20-7	o-Xylene	650	U
100-42-5	Styrene	650	U
75-25-2	Bromoform	650	U
79-34-5	1,1,2,2-Tetrachloroethane	650	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

99

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4389 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4389.23

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VB03400.D

Level: (low/med) MED Date Received: 4/1/99

% Moisture: not dec. 19.7 Date Analyzed: 4/7/99

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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

100

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4389 SDG No: Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4389.25

Sample wt/vol: 7.7 (g/ml) G Lab File ID: VB03401.D

Level: (low/med) MED Date Received: 4/1/99

% Moisture: not dec. 15.21 Date Analyzed: 4/7/99

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

CAS NO.	COMPOUND	UG/KG	Q
107028	Acrolein	2700	U
107131	Acrylonitrile	2700	U
75650	tert-Butyl alcohol	5000	U
1634044	Methyl-tert-Butyl ether	1200	U
108203	Di-isopropyl ether	770	U
	Dichlorodifluoromethane	1500	U
74-87-3	Chloromethane	380	U
75-01-4	Vinyl Chloride	1200	U
74-83-9	Bromomethane	770	U
75-00-3	Chloroethane	1200	U
75-69-4	Trichlorofluoromethane	770	U
75-35-4	1,1-Dichloroethene	380	U
67-64-1	Acetone	770	U
75-15-0	Carbon Disulfide	380	U
75-09-2	Methylene Chloride	770	U
156-60-5	trans-1,2-Dichloroethene	770	U
75-35-3	1,1-Dichloroethane	380	U
108-05-4	Vinyl Acetate	1200	U
78-93-3	2-Butanone	1200	U
	cis-1,2-Dichloroethene	380	U
67-66-3	Chloroform	380	U
75-55-6	1,1,1-Trichloroethane	380	U
56-23-5	Carbon Tetrachloride	770	U
71-43-2	Benzene	380	U
107-06-2	1,2-Dichloroethane	770	U
79-01-6	Trichloroethene	380	U
78-87-5	1,2-Dichloropropane	380	U
75-27-4	Bromodichloromethane	380	U
110-75-8	2-Chloroethyl vinyl ether	770	U
10061-01-5	cis-1,3-Dichloropropene	380	U
108-10-1	4-Methyl-2-Pentanone	770	U
108-88-3	Toluene	380	U
10061-02-6	trans-1,3-Dichloropropene	770	U
79-00-5	1,1,2-Trichloroethane	770	U
127-18-4	Tetrachloroethene	380	U
591-78-6	2-Hexanone	770	U
126-48-1	Dibromochloromethane	770	U
108-90-7	Chlorobenzene	380	U
100-41-4	Ethylbenzene	770	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

100

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4389 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4389.25

Sample wt/vol: 7.7 (g/ml) G Lab File ID: VB03401.D

Level: (low/med) MED Date Received: 4/1/99

% Moisture: not dec. 15.21 Date Analyzed: 4/7/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	1200	U
1330-20-7	o-Xylene	770	U
100-42-5	Styrene	770	U
75-25-2	Bromoform	770	U
79-34-5	1,1,2,2-Tetrachloroethane	770	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

100

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4389 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4389.25

Sample wt/vol: 7.7 (g/ml) G Lab File ID: VB03401.D

Level: (low/med) MED Date Received: 4/1/99

% Moisture: not dec. 15.21 Date Analyzed: 4/7/99

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: 5

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000488-97-1	Tricyclo[2.2.1.02,6]heptane, 1,3,3	30.55	280000	JN
2. 000471-84-1	Bicyclo[2.2.1]heptane, 7,7-dimeth	31.27	3400	JN
3. 003779-61-1	1,3,6-Octatriene, 3,7-dimethyl-, (	32.43	200000	JN
4. 005989-27-5	D-Limonene	33.80	11000	JN
5. 000099-87-6	Benzene, 1-methyl-4-(1-methylet	33.96	48000	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

101

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4389 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4389.27

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VB03402.D

Level: (low/med) MED Date Received: 4/1/99

% Moisture: not dec. 14.69 Date Analyzed: 4/7/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

101

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4389 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4389.27

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VB03402.D

Level: (low/med) MED Date Received: 4/1/99

% Moisture: not dec. 14.69 Date Analyzed: 4/7/99

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.

101

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4389 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4389.27

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VB03402.D

Level: (low/med) MED Date Received: 4/1/99

% Moisture: not dec. 14.69 Date Analyzed: 4/7/99

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: 2

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000080-56-8	.alpha.-Pinene	30.55	5200	JN
2. 000127-91-3	.beta.-Pinene	32.43	2200	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

102

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4389 SDG No: Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4389.29

Sample wt/vol: 8.4 (g/ml) G Lab File ID: VB03403.D

Level: (low/med) MED Date Received: 4/1/99

% Moisture: not dec. 12.65 Date Analyzed: 4/7/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2400	U
107131	Acrylonitrile	2400	U
75650	tert-Butyl alcohol	4400	U
1634044	Methyl-tert-Butyl ether	1000	U
108203	Di-isopropyl ether	680	U
	Dichlorodifluoromethane	1400	U
74-87-3	Chloromethane	340	U
75-01-4	Vinyl Chloride	1000	U
74-83-9	Bromomethane	680	U
75-00-3	Chloroethane	1000	U
75-69-4	Trichlorofluoromethane	680	U
75-35-4	1,1-Dichloroethene	340	U
67-64-1	Acetone	680	U
75-15-0	Carbon Disulfide	340	U
75-09-2	Methylene Chloride	680	U
156-60-5	trans-1,2-Dichloroethene	680	U
75-35-3	1,1-Dichloroethane	340	U
108-05-4	Vinyl Acetate	1000	U
78-93-3	2-Butanone	1000	U
	cis-1,2-Dichloroethene	340	U
67-66-3	Chloroform	340	U
75-55-6	1,1,1-Trichloroethane	340	U
56-23-5	Carbon Tetrachloride	680	U
71-43-2	Benzene	340	U
107-06-2	1,2-Dichloroethane	680	U
79-01-6	Trichloroethene	340	U
78-87-5	1,2-Dichloropropane	340	U
75-27-4	Bromodichloromethane	340	U
110-75-8	2-Chloroethyl vinyl ether	680	U
10061-01-5	cis-1,3-Dichloropropene	340	U
108-10-1	4-Methyl-2-Pentanone	680	U
108-88-3	Toluene	340	U
10061-02-6	trans-1,3-Dichloropropene	680	U
79-00-5	1,1,2-Trichloroethane	680	U
127-18-4	Tetrachloroethene	340	U
591-78-6	2-Hexanone	680	U
126-48-1	Dibromochloromethane	680	U
108-90-7	Chlorobenzene	340	U
100-41-4	Ethylbenzene	680	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

102

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4389 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4389.29

Sample wt/vol: 8.4 (g/ml) G Lab File ID: VB03403.D

Level: (low/med) MED Date Received: 4/1/99

% Moisture: not dec. 12.65 Date Analyzed: 4/7/99

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	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.

102

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4389 SDG No: Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4389.29

Sample wt/vol: 8.4 (g/ml) G Lab File ID: VB03403.D

Level: (low/med) MED Date Received: 4/1/99

% Moisture: not dec. 12.65 Date Analyzed: 4/7/99

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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

103

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4389 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4389.31

Sample wt/vol: 9.5 (g/ml) G Lab File ID: VB003413.D

Level: (low/med) MED Date Received: 4/1/99

% Moisture: not dec. 22.03 Date Analyzed: 4/8/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2400	U
107131	Acrylonitrile	2400	U
75650	tert-Butyl alcohol	4400	U
1634044	Methyl-tert-Butyl ether	1000	U
108203	Di-isopropyl ether	680	U
	Dichlorodifluoromethane	1400	U
74-87-3	Chloromethane	340	U
75-01-4	Vinyl Chloride	1000	U
74-83-9	Bromomethane	680	U
75-00-3	Chloroethane	1000	U
75-69-4	Trichlorofluoromethane	680	U
75-35-4	1,1-Dichloroethene	340	U
67-64-1	Acetone	680	U
75-15-0	Carbon Disulfide	340	U
75-09-2	Methylene Chloride	680	U
156-60-5	trans-1,2-Dichloroethene	680	U
75-35-3	1,1-Dichloroethane	340	U
108-05-4	Vinyl Acetate	1000	U
78-93-3	2-Butanone	1000	U
	cis-1,2-Dichloroethene	340	U
67-66-3	Chloroform	340	U
75-55-6	1,1,1-Trichloroethane	340	U
56-23-5	Carbon Tetrachloride	680	U
71-43-2	Benzene	340	U
107-06-2	1,2-Dichloroethane	680	U
79-01-6	Trichloroethene	340	U
78-87-5	1,2-Dichloropropane	340	U
75-27-4	Bromodichloromethane	340	U
110-75-8	2-Chloroethyl vinyl ether	680	U
10061-01-5	cis-1,3-Dichloropropene	340	U
108-10-1	4-Methyl-2-Pentanone	680	U
108-88-3	Toluene	340	U
10061-02-6	trans-1,3-Dichloropropene	680	U
79-00-5	1,1,2-Trichloroethane	680	U
127-18-4	Tetrachloroethene	340	U
591-78-6	2-Hexanone	680	U
126-48-1	Dibromochloromethane	680	U
108-90-7	Chlorobenzene	340	U
100-41-4	Ethylbenzene	680	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

103

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4389 SDG No: Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4389.31

Sample wt/vol: 9.5 (g/ml) G Lab File ID: VB003413.D

Level: (low/med) MED Date Received: 4/1/99

% Moisture: not dec. 22.03 Date Analyzed: 4/8/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
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.

103

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4389 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4389.31

Sample wt/vol: 9.5 (g/ml) G Lab File ID: VB003413.D

Level: (low/med) MED Date Received: 4/1/99

% Moisture: not dec. 22.03 Date Analyzed: 4/8/99

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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

104

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4394 SDG No: Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4394.03

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VB003417.D

Level: (low/med) MED Date Received: 4/5/99

% Moisture: not dec. 47.24 Date Analyzed: 4/8/99

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

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	3400	U
107131	Acrylonitrile	3400	U
75650	tert-Butyl alcohol	6200	U
1634044	Methyl-tert-Butyl ether	1400	U
108203	Di-isopropyl ether	960	U
	Dichlorodifluoromethane	1900	U
74-87-3	Chloromethane	480	U
75-01-4	Vinyl Chloride	1400	U
74-83-9	Bromomethane	960	U
75-00-3	Chloroethane	1400	U
75-69-4	Trichlorofluoromethane	960	U
75-35-4	1,1-Dichloroethene	480	U
67-64-1	Acetone	960	U
75-15-0	Carbon Disulfide	480	U
75-09-2	Methylene Chloride	960	U
156-60-5	trans-1,2-Dichloroethene	960	U
75-35-3	1,1-Dichloroethane	480	U
108-05-4	Vinyl Acetate	1400	U
78-93-3	2-Butanone	1400	U
	cis-1,2-Dichloroethene	480	U
67-66-3	Chloroform	480	U
75-55-6	1,1,1-Trichloroethane	480	U
56-23-5	Carbon Tetrachloride	960	U
71-43-2	Benzene	480	U
107-06-2	1,2-Dichloroethane	960	U
79-01-6	Trichloroethene	480	U
78-87-5	1,2-Dichloropropane	480	U
75-27-4	Bromodichloromethane	480	U
110-75-8	2-Chloroethyl vinyl ether	960	U
10061-01-5	cis-1,3-Dichloropropene	480	U
108-10-1	4-Methyl-2-Pentanone	960	U
108-88-3	Toluene	480	U
10061-02-6	trans-1,3-Dichloropropene	960	U
79-00-5	1,1,2-Trichloroethane	960	U
127-18-4	Tetrachloroethene	480	U
591-78-6	2-Hexanone	960	U
126-48-1	Dibromochloromethane	960	U
108-90-7	Chlorobenzene	480	U
100-41-4	Ethylbenzene	960	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

104

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4394 SDG No: Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4394.03

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VB003417.D

Level: (low/med) MED Date Received: 4/5/99

% Moisture: not dec. 47.24 Date Analyzed: 4/8/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	1400	U
1330-20-7	o-Xylene	960	U
100-42-5	Styrene	960	U
75-25-2	Bromoform	960	U
79-34-5	1,1,2,2-Tetrachloroethane	960	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

104

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4394 SDG No: Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4394.03

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VB003417.D

Level: (low/med) MED Date Received: 4/5/99

% Moisture: not dec. 47.24 Date Analyzed: 4/8/99

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

001048

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

105

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4394 SDG No: Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4394.05

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VB003418.D

Level: (low/med) MED Date Received: 4/5/99

% Moisture: not dec. 17.45 Date Analyzed: 4/8/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	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. 105

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4394 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4394.05

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VB003418.D

Level: (low/med) MED Date Received: 4/5/99

% Moisture: not dec. 17.45 Date Analyzed: 4/8/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
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.

105

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4394 SDG No: Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4394.05

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VB003418.D

Level: (low/med) MED Date Received: 4/5/99

% Moisture: not dec. 17.45 Date Analyzed: 4/8/99

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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

106

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4394 SDG No: Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4394.07

Sample wt/vol: 9.2 (g/ml) G Lab File ID: VB003419.D

Level: (low/med) MED Date Received: 4/5/99

% Moisture: not dec. 15.9 Date Analyzed: 4/8/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

106

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4394 SDG No: Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4394.07

Sample wt/vol: 9.2 (g/ml) G Lab File ID: VB003419.D

Level: (low/med) MED Date Received: 4/5/99

% Moisture: not dec. 15.9 Date Analyzed: 4/8/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
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.

106

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4394 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4394.07

Sample wt/vol: 9.2 (g/ml) G Lab File ID: VB003419.D

Level: (low/med) MED Date Received: 4/5/99

% Moisture: not dec. 15.9 Date Analyzed: 4/8/99

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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

107

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4394 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4394.09

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB003420.D

Level: (low/med) MED Date Received: 4/5/99

% Moisture: not dec. 7.09 Date Analyzed: 4/8/99

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	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3500	U
1634044	Methyl-tert-Butyl ether	820	U
108203	Di-isopropyl ether	550	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	270	U
75-01-4	Vinyl Chloride	820	U
74-83-9	Bromomethane	550	U
75-00-3	Chloroethane	820	U
75-69-4	Trichlorofluoromethane	550	U
75-35-4	1,1-Dichloroethene	270	U
67-64-1	Acetone	550	U
75-15-0	Carbon Disulfide	270	U
75-09-2	Methylene Chloride	550	U
156-60-5	trans-1,2-Dichloroethene	550	U
75-35-3	1,1-Dichloroethane	270	U
108-05-4	Vinyl Acetate	820	U
78-93-3	2-Butanone	820	U
	cis-1,2-Dichloroethene	270	U
67-66-3	Chloroform	270	U
75-55-6	1,1,1-Trichloroethane	270	U
56-23-5	Carbon Tetrachloride	550	U
71-43-2	Benzene	270	U
107-06-2	1,2-Dichloroethane	550	U
79-01-6	Trichloroethene	270	U
78-87-5	1,2-Dichloropropane	270	U
75-27-4	Bromodichloromethane	270	U
110-75-8	2-Chloroethyl vinyl ether	550	U
10061-01-5	cis-1,3-Dichloropropene	270	U
108-10-1	4-Methyl-2-Pentanone	550	U
108-88-3	Toluene	270	U
10061-02-6	trans-1,3-Dichloropropene	550	U
79-00-5	1,1,2-Trichloroethane	550	U
127-18-4	Tetrachloroethene	270	U
591-78-6	2-Hexanone	550	U
126-48-1	Dibromochloromethane	550	U
108-90-7	Chlorobenzene	270	U
100-41-4	Ethylbenzene	550	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

107

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4394 SDG No: Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4394.09

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB003420.D

Level: (low/med) MED Date Received: 4/5/99

% Moisture: not dec. 7.09 Date Analyzed: 4/8/99

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	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. 107

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4394 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4394.09

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB003420.D

Level: (low/med) MED Date Received: 4/5/99

% Moisture: not dec. 7.09 Date Analyzed: 4/8/99

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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

108

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4394 SDG No: Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4394.11

Sample wt/vol: 9.5 (g/ml) G Lab File ID: VB003421.D

Level: (low/med) MED Date Received: 4/5/99

% Moisture: not dec. 12.55 Date Analyzed: 4/8/99

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

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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

108

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4394 SDG No: Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4394.11

Sample wt/vol: 9.5 (g/ml) G Lab File ID: VB003421.D

Level: (low/med) MED Date Received: 4/5/99

% Moisture: not dec. 12.55 Date Analyzed: 4/8/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
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.

108

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4394 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4394.11

Sample wt/vol: 9.5 (g/ml) G Lab File ID: VB003421.D

Level: (low/med) MED Date Received: 4/5/99

% Moisture: not dec. 12.55 Date Analyzed: 4/8/99

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

001060

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

109

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4394 SDG No: Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4394.13

Sample wt/vol: 8.5 (g/ml) G Lab File ID: VB003422.D

Level: (low/med) MED Date Received: 4/5/99

% Moisture: not dec. 15.3 Date Analyzed: 4/8/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2400	U
107131	Acrylonitrile	2400	U
75650	tert-Butyl alcohol	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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

109

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4394 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4394.13

Sample wt/vol: 8.5 (g/ml) G Lab File ID: VB003422.D

Level: (low/med) MED Date Received: 4/5/99

% Moisture: not dec. 15.3 Date Analyzed: 4/8/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
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.

109

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4394 SDG No: Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4394.13

Sample wt/vol: 8.5 (g/ml) G Lab File ID: VB003422.D

Level: (low/med) MED Date Received: 4/5/99

% Moisture: not dec. 15.3 Date Analyzed: 4/8/99

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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

110

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4394 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4394.15

Sample wt/vol: 10.4 (g/ml) G Lab File ID: VB003423.D

Level: (low/med) MED Date Received: 4/5/99

% Moisture: not dec. 24.73 Date Analyzed: 4/8/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2200	U
107131	Acrylonitrile	2200	U
75650	tert-Butyl alcohol	4200	U
1634044	Methyl-tert-Butyl ether	960	U
108203	Di-isopropyl ether	640	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	320	U
75-01-4	Vinyl Chloride	960	U
74-83-9	Bromomethane	640	U
75-00-3	Chloroethane	960	U
75-69-4	Trichlorofluoromethane	640	U
75-35-4	1,1-Dichloroethene	320	U
67-64-1	Acetone	640	U
75-15-0	Carbon Disulfide	320	U
75-09-2	Methylene Chloride	640	U
156-60-5	trans-1,2-Dichloroethene	640	U
75-35-3	1,1-Dichloroethane	320	U
108-05-4	Vinyl Acetate	960	U
78-93-3	2-Butanone	960	U
	cis-1,2-Dichloroethene	320	U
67-66-3	Chloroform	320	U
75-55-6	1,1,1-Trichloroethane	320	U
56-23-5	Carbon Tetrachloride	640	U
71-43-2	Benzene	320	U
107-06-2	1,2-Dichloroethane	640	U
79-01-6	Trichloroethene	320	U
78-87-5	1,2-Dichloropropane	320	U
75-27-4	Bromodichloromethane	320	U
110-75-8	2-Chloroethyl vinyl ether	640	U
10061-01-5	cis-1,3-Dichloropropene	320	U
108-10-1	4-Methyl-2-Pentanone	640	U
108-88-3	Toluene	320	U
10061-02-6	trans-1,3-Dichloropropene	640	U
79-00-5	1,1,2-Trichloroethane	640	U
127-18-4	Tetrachloroethene	320	U
591-78-6	2-Hexanone	640	U
126-48-1	Dibromochloromethane	640	U
108-90-7	Chlorobenzene	320	U
100-41-4	Ethylbenzene	640	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

110

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4394 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4394.15

Sample wt/vol: 10.4 (g/ml) G Lab File ID: VB003423.D

Level: (low/med) MED Date Received: 4/5/99

% Moisture: not dec. 24.73 Date Analyzed: 4/8/99

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	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. 110

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4394 SDG No: Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4394.15

Sample wt/vol: 10.4 (g/ml) G Lab File ID: VB003423.D

Level: (low/med) MED Date Received: 4/5/99

% Moisture: not dec. 24.73 Date Analyzed: 4/8/99

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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

111

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4394 SDG No: Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4394.17

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VB003424.D

Level: (low/med) MED Date Received: 4/5/99

% Moisture: not dec. 14.03 Date Analyzed: 4/8/99

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	890	U
108203	Di-isopropyl ether	600	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	300	U
75-01-4	Vinyl Chloride	890	U
74-83-9	Bromomethane	600	U
75-00-3	Chloroethane	890	U
75-69-4	Trichlorofluoromethane	600	U
75-35-4	1,1-Dichloroethene	300	U
67-64-1	Acetone	600	U
75-15-0	Carbon Disulfide	300	U
75-09-2	Methylene Chloride	600	U
156-60-5	trans-1,2-Dichloroethene	600	U
75-35-3	1,1-Dichloroethane	300	U
108-05-4	Vinyl Acetate	890	U
78-93-3	2-Butanone	890	U
	cis-1,2-Dichloroethene	300	U
67-66-3	Chloroform	300	U
75-55-6	1,1,1-Trichloroethane	300	U
56-23-5	Carbon Tetrachloride	600	U
71-43-2	Benzene	300	U
107-06-2	1,2-Dichloroethane	600	U
79-01-6	Trichloroethene	300	U
78-87-5	1,2-Dichloropropane	300	U
75-27-4	Bromodichloromethane	300	U
110-75-8	2-Chloroethyl vinyl ether	600	U
10061-01-5	cis-1,3-Dichloropropene	300	U
108-10-1	4-Methyl-2-Pentanone	600	U
108-88-3	Toluene	300	U
10061-02-6	trans-1,3-Dichloropropene	600	U
79-00-5	1,1,2-Trichloroethane	600	U
127-18-4	Tetrachloroethene	1600	
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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

111

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4394 SDG No: Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4394.17

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VB003424.D

Level: (low/med) MED Date Received: 4/5/99

% Moisture: not dec. 14.03 Date Analyzed: 4/8/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	890	U
1330-20-7	o-Xylene	600	U
100-42-5	Styrene	600	U
75-25-2	Bromoform	600	U
79-34-5	1,1,2,2-Tetrachloroethane	600	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

111

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4394 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4394.17

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VB003424.D

Level: (low/med) MED Date Received: 4/5/99

% Moisture: not dec. 14.03 Date Analyzed: 4/8/99

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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

112

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4394 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4394.19

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VB003425.D

Level: (low/med) MED Date Received: 4/5/99

% Moisture: not dec. 12 Date Analyzed: 4/8/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3600	U
1634044	Methyl-tert-Butyl ether	830	U
108203	Di-isopropyl ether	550	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	830	U
74-83-9	Bromomethane	550	U
75-00-3	Chloroethane	830	U
75-69-4	Trichlorofluoromethane	550	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	550	U
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	550	U
156-60-5	trans-1,2-Dichloroethene	550	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	830	U
78-93-3	2-Butanone	830	U
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	280	U
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	550	U
71-43-2	Benzene	280	U
107-06-2	1,2-Dichloroethane	550	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	550	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	550	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	550	U
79-00-5	1,1,2-Trichloroethane	550	U
127-18-4	Tetrachloroethene	280	U
591-78-6	2-Hexanone	550	U
126-48-1	Dibromochloromethane	550	U
108-90-7	Chlorobenzene	280	U
100-41-4	Ethylbenzene	550	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

112

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4394 SDG No: Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4394.19

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VB003425.D

Level: (low/med) MED Date Received: 4/5/99

% Moisture: not dec. 12 Date Analyzed: 4/8/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	830	U
1330-20-7	o-Xylene	550	U
100-42-5	Styrene	550	U
75-25-2	Bromoform	550	U
79-34-5	1,1,2,2-Tetrachloroethane	550	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

112

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4394 SDG No: Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4394.19

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VB003425.D

Level: (low/med) MED Date Received: 4/5/99

% Moisture: not dec. 12 Date Analyzed: 4/8/99

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

001072

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

113

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4394 SDG No: Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4394.21

Sample wt/vol: 8.7 (g/ml) G Lab File ID: VB003426.D

Level: (low/med) MED Date Received: 4/5/99

% Moisture: not dec. 21.48 Date Analyzed: 4/8/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2600	U
107131	Acrylonitrile	2600	U
75650	tert-Butyl alcohol	4700	U
1634044	Methyl-tert-Butyl ether	1100	U
108203	Di-isopropyl ether	730	U
	Dichlorodifluoromethane	1500	U
74-87-3	Chloromethane	360	U
75-01-4	Vinyl Chloride	1100	U
74-83-9	Bromomethane	730	U
75-00-3	Chloroethane	1100	U
75-69-4	Trichlorofluoromethane	730	U
75-35-4	1,1-Dichloroethene	360	U
67-64-1	Acetone	730	U
75-15-0	Carbon Disulfide	360	U
75-09-2	Methylene Chloride	730	U
156-60-5	trans-1,2-Dichloroethene	730	U
75-35-3	1,1-Dichloroethane	360	U
108-05-4	Vinyl Acetate	1100	U
78-93-3	2-Butanone	1100	U
	cis-1,2-Dichloroethene	360	U
67-66-3	Chloroform	360	U
75-55-6	1,1,1-Trichloroethane	360	U
56-23-5	Carbon Tetrachloride	730	U
71-43-2	Benzene	360	U
107-06-2	1,2-Dichloroethane	730	U
79-01-6	Trichloroethene	360	U
78-87-5	1,2-Dichloropropane	360	U
75-27-4	Bromodichloromethane	360	U
110-75-8	2-Chloroethyl vinyl ether	730	U
10061-01-5	cis-1,3-Dichloropropene	360	U
108-10-1	4-Methyl-2-Pentanone	730	U
108-88-3	Toluene	360	U
10061-02-6	trans-1,3-Dichloropropene	730	U
79-00-5	1,1,2-Trichloroethane	730	U
127-18-4	Tetrachloroethene	360	U
591-78-6	2-Hexanone	730	U
126-48-1	Dibromochloromethane	730	U
108-90-7	Chlorobenzene	360	U
100-41-4	Ethylbenzene	730	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

113

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4394 SDG No: Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4394.21

Sample wt/vol: 8.7 (g/ml) G Lab File ID: VB003426.D

Level: (low/med) MED Date Received: 4/5/99

% Moisture: not dec. 21.48 Date Analyzed: 4/8/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
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.

113

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4394 SDG No: Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4394.21

Sample wt/vol: 8.7 (g/ml) G Lab File ID: VB003426.D

Level: (low/med) MED Date Received: 4/5/99

% Moisture: not dec. 21.48 Date Analyzed: 4/8/99

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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

114

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4394 SDG No: Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4394.23

Sample wt/vol: 8.6 (g/ml) G Lab File ID: VB003431.D

Level: (low/med) MED Date Received: 4/5/99

% Moisture: not dec. 13.29 Date Analyzed: 4/9/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2300	U
107131	Acrylonitrile	2300	U
75650	tert-Butyl alcohol	4400	U
1634044	Methyl-tert-Butyl ether	1000	U
108203	Di-isopropyl ether	670	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	340	U
75-01-4	Vinyl Chloride	1000	U
74-83-9	Bromomethane	670	U
75-00-3	Chloroethane	1000	U
75-69-4	Trichlorofluoromethane	670	U
75-35-4	1,1-Dichloroethene	340	U
67-64-1	Acetone	670	U
75-15-0	Carbon Disulfide	340	U
75-09-2	Methylene Chloride	670	U
156-60-5	trans-1,2-Dichloroethene	670	U
75-35-3	1,1-Dichloroethane	340	U
108-05-4	Vinyl Acetate	1000	U
78-93-3	2-Butanone	1000	U
	cis-1,2-Dichloroethene	340	U
67-66-3	Chloroform	340	U
75-55-6	1,1,1-Trichloroethane	340	U
56-23-5	Carbon Tetrachloride	670	U
71-43-2	Benzene	340	U
107-06-2	1,2-Dichloroethane	670	U
79-01-6	Trichloroethene	340	U
78-87-5	1,2-Dichloropropane	340	U
75-27-4	Bromodichloromethane	340	U
110-75-8	2-Chloroethyl vinyl ether	670	U
10061-01-5	cis-1,3-Dichloropropene	340	U
108-10-1	4-Methyl-2-Pentanone	670	U
108-88-3	Toluene	340	U
10061-02-6	trans-1,3-Dichloropropene	670	U
79-00-5	1,1,2-Trichloroethane	670	U
127-18-4	Tetrachloroethene	340	U
591-78-6	2-Hexanone	670	U
126-48-1	Dibromochloromethane	670	U
108-90-7	Chlorobenzene	340	U
100-41-4	Ethylbenzene	670	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

114

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4394 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4394.23

Sample wt/vol: 8.6 (g/ml) G Lab File ID: VB003431.D

Level: (low/med) MED Date Received: 4/5/99

% Moisture: not dec. 13.29 Date Analyzed: 4/9/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
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. 114

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4394 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4394.23

Sample wt/vol: 8.6 (g/ml) G Lab File ID: VB003431.D

Level: (low/med) MED Date Received: 4/5/99

% Moisture: not dec. 13.29 Date Analyzed: 4/9/99

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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

115

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4394 SDG No: Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4394.27

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VB003433.D

Level: (low/med) MED Date Received: 4/5/99

% Moisture: not dec. 27.84 Date Analyzed: 4/9/99

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	2500	U
107131	Acrylonitrile	2500	U
75650	tert-Butyl alcohol	4700	U
1634044	Methyl-tert-Butyl ether	1100	U
108203	Di-isopropyl ether	720	U
	Dichlorodifluoromethane	1400	U
74-87-3	Chloromethane	360	U
75-01-4	Vinyl Chloride	1100	U
74-83-9	Bromomethane	720	U
75-00-3	Chloroethane	1100	U
75-69-4	Trichlorofluoromethane	720	U
75-35-4	1,1-Dichloroethene	360	U
67-64-1	Acetone	720	U
75-15-0	Carbon Disulfide	360	U
75-09-2	Methylene Chloride	720	U
156-60-5	trans-1,2-Dichloroethene	720	U
75-35-3	1,1-Dichloroethane	360	U
108-05-4	Vinyl Acetate	1100	U
78-93-3	2-Butanone	1100	U
	cis-1,2-Dichloroethene	360	U
67-66-3	Chloroform	360	U
75-55-6	1,1,1-Trichloroethane	360	U
56-23-5	Carbon Tetrachloride	720	U
71-43-2	Benzene	360	U
107-06-2	1,2-Dichloroethane	720	U
79-01-6	Trichloroethene	360	U
78-87-5	1,2-Dichloropropane	360	U
75-27-4	Bromodichloromethane	360	U
110-75-8	2-Chloroethyl vinyl ether	720	U
10061-01-5	cis-1,3-Dichloropropene	360	U
108-10-1	4-Methyl-2-Pentanone	720	U
108-88-3	Toluene	360	U
10061-02-6	trans-1,3-Dichloropropene	720	U
79-00-5	1,1,2-Trichloroethane	720	U
127-18-4	Tetrachloroethene	360	U
591-78-6	2-Hexanone	720	U
126-48-1	Dibromochloromethane	720	U
108-90-7	Chlorobenzene	360	U
100-41-4	Ethylbenzene	720	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

115

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4394 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4394.27

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VB003433.D

Level: (low/med) MED Date Received: 4/5/99

% Moisture: not dec. 27.84 Date Analyzed: 4/9/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	1100	U
1330-20-7	o-Xylene	720	U
100-42-5	Styrene	720	U
75-25-2	Bromoform	720	U
79-34-5	1,1,2,2-Tetrachloroethane	720	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID. 115

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4394 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4394.27

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VB003433.D

Level: (low/med) MED Date Received: 4/5/99

% Moisture: not dec. 27.84 Date Analyzed: 4/9/99

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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

116

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4394 SDG No: Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4394.29

Sample wt/vol: 7.8 (g/ml) G Lab File ID: VB003434.D

Level: (low/med) MED Date Received: 4/5/99

% Moisture: not dec. 13.96 Date Analyzed: 4/9/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2600	U
107131	Acrylonitrile	2600	U
75650	tert-Butyl alcohol	4800	U
1634044	Methyl-tert-Butyl ether	1100	U
108203	Di-isopropyl ether	740	U
	Dichlorodifluoromethane	1500	U
74-87-3	Chloromethane	370	U
75-01-4	Vinyl Chloride	1100	U
74-83-9	Bromomethane	740	U
75-00-3	Chloroethane	1100	U
75-69-4	Trichlorofluoromethane	740	U
75-35-4	1,1-Dichloroethene	370	U
67-64-1	Acetone	740	U
75-15-0	Carbon Disulfide	370	U
75-09-2	Methylene Chloride	740	U
156-60-5	trans-1,2-Dichloroethene	740	U
75-35-3	1,1-Dichloroethane	370	U
108-05-4	Vinyl Acetate	1100	U
78-93-3	2-Butanone	1100	U
	cis-1,2-Dichloroethene	370	U
67-66-3	Chloroform	370	U
75-55-6	1,1,1-Trichloroethane	370	U
56-23-5	Carbon Tetrachloride	740	U
71-43-2	Benzene	370	U
107-06-2	1,2-Dichloroethane	740	U
79-01-6	Trichloroethene	370	U
78-87-5	1,2-Dichloropropane	370	U
75-27-4	Bromodichloromethane	370	U
110-75-8	2-Chloroethyl vinyl ether	740	U
10061-01-5	cis-1,3-Dichloropropene	370	U
108-10-1	4-Methyl-2-Pentanone	740	U
108-88-3	Toluene	370	U
10061-02-6	trans-1,3-Dichloropropene	740	U
79-00-5	1,1,2-Trichloroethane	740	U
127-18-4	Tetrachloroethene	370	U
591-78-6	2-Hexanone	740	U
126-48-1	Dibromochloromethane	740	U
108-90-7	Chlorobenzene	370	U
100-41-4	Ethylbenzene	740	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

116

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4394 SDG No: Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4394.29

Sample wt/vol: 7.8 (g/ml) G Lab File ID: VB003434.D

Level: (low/med) MED Date Received: 4/5/99

% Moisture: not dec. 13.96 Date Analyzed: 4/9/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	1100	U
1330-20-7	o-Xylene	740	U
100-42-5	Styrene	740	U
75-25-2	Bromoform	740	U
79-34-5	1,1,2,2-Tetrachloroethane	740	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID. 116

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4394 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4394.29

Sample wt/vol: 7.8 (g/ml) G Lab File ID: VB003434.D

Level: (low/med) MED Date Received: 4/5/99

% Moisture: not dec. 13.96 Date Analyzed: 4/9/99

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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

117

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4394 SDG No: Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4394.31

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VB003435.D

Level: (low/med) MED Date Received: 4/5/99

% Moisture: not dec. 12.87 Date Analyzed: 4/9/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

117

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4394 SDG No: Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4394.31

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VB003435.D

Level: (low/med) MED Date Received: 4/5/99

% Moisture: not dec. 12.87 Date Analyzed: 4/9/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
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.

117

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4394 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4394.31

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VB003435.D

Level: (low/med) MED Date Received: 4/5/99

% Moisture: not dec. 12.87 Date Analyzed: 4/9/99

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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

118

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4394 SDG No: Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4394.33

Sample wt/vol: 10.4 (g/ml) G Lab File ID: VB003436.D

Level: (low/med) MED Date Received: 4/5/99

% Moisture: not dec. 9.05 Date Analyzed: 4/9/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

118

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4394 SDG No: Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4394.33

Sample wt/vol: 10.4 (g/ml) G Lab File ID: VB003436.D

Level: (low/med) MED Date Received: 4/5/99

% Moisture: not dec. 9.05 Date Analyzed: 4/9/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
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.

118

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4394 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4394.33

Sample wt/vol: 10.4 (g/ml) G Lab File ID: VB003436.D

Level: (low/med) MED Date Received: 4/5/99

% Moisture: not dec. 9.05 Date Analyzed: 4/9/99

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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

119

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4394 SDG No: Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4394.35

Sample wt/vol: 9.2 (g/ml) G Lab File ID: VB003437.D

Level: (low/med) MED Date Received: 4/5/99

% Moisture: not dec. 16.12 Date Analyzed: 4/9/99

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	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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

119

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4394 SDG No: Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4394.35

Sample wt/vol: 9.2 (g/ml) G Lab File ID: VB003437.D

Level: (low/med) MED Date Received: 4/5/99

% Moisture: not dec. 16.12 Date Analyzed: 4/9/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
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.

119

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4394 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4394.35

Sample wt/vol: 9.2 (g/ml) G Lab File ID: VB003437.D

Level: (low/med) MED Date Received: 4/5/99

% Moisture: not dec. 16.12 Date Analyzed: 4/9/99

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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

120

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4394 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4394.37

Sample wt/vol: 10.6 (g/ml) G Lab File ID: VB003438.D

Level: (low/med) MED Date Received: 4/5/99

% Moisture: not dec. 8.78 Date Analyzed: 4/9/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

120

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4394 SDG No: Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4394.37

Sample wt/vol: 10.6 (g/ml) G Lab File ID: VB003438.D

Level: (low/med) MED Date Received: 4/5/99

% Moisture: not dec. 8.78 Date Analyzed: 4/9/99

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	780	U
1330-20-7	o-Xylene	520	U
100-42-5	Styrene	520	U
75-25-2	Bromoform	520	U
79-34-5	1,1,2,2-Tetrachloroethane	520	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

120

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4394 SDG No: Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4394.37

Sample wt/vol: 10.6 (g/ml) G Lab File ID: VB003438.D

Level: (low/med) MED Date Received: 4/5/99

% Moisture: not dec. 8.78 Date Analyzed: 4/9/99

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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

121

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4394 SDG No: Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4394.39

Sample wt/vol: 9.2 (g/ml) G Lab File ID: VB003439.D

Level: (low/med) MED Date Received: 4/5/99

% Moisture: not dec. 15.58 Date Analyzed: 4/9/99

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	4200	U
1634044	Methyl-tert-Butyl ether	970	U
108203	Di-isopropyl ether	640	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	320	U
75-01-4	Vinyl Chloride	970	U
74-83-9	Bromomethane	640	U
75-00-3	Chloroethane	970	U
75-69-4	Trichlorofluoromethane	640	U
75-35-4	1,1-Dichloroethene	320	U
67-64-1	Acetone	640	U
75-15-0	Carbon Disulfide	320	U
75-09-2	Methylene Chloride	640	U
156-60-5	trans-1,2-Dichloroethene	640	U
75-35-3	1,1-Dichloroethane	320	U
108-05-4	Vinyl Acetate	970	U
78-93-3	2-Butanone	970	U
	cis-1,2-Dichloroethene	320	U
67-66-3	Chloroform	320	U
75-55-6	1,1,1-Trichloroethane	320	U
56-23-5	Carbon Tetrachloride	640	U
71-43-2	Benzene	320	U
107-06-2	1,2-Dichloroethane	640	U
79-01-6	Trichloroethene	320	U
78-87-5	1,2-Dichloropropane	320	U
75-27-4	Bromodichloromethane	320	U
110-75-8	2-Chloroethyl vinyl ether	640	U
10061-01-5	cis-1,3-Dichloropropene	320	U
108-10-1	4-Methyl-2-Pentanone	640	U
108-88-3	Toluene	320	U
10061-02-6	trans-1,3-Dichloropropene	640	U
79-00-5	1,1,2-Trichloroethane	640	U
127-18-4	Tetrachloroethene	320	U
591-78-6	2-Hexanone	640	U
126-48-1	Dibromochloromethane	640	U
108-90-7	Chlorobenzene	320	U
100-41-4	Ethylbenzene	640	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

121

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4394 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4394.39

Sample wt/vol: 9.2 (g/ml) G Lab File ID: VB003439.D

Level: (low/med) MED Date Received: 4/5/99

% Moisture: not dec. 15.58 Date Analyzed: 4/9/99

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	970	U
1330-20-7	o-Xylene	640	U
100-42-5	Styrene	640	U
75-25-2	Bromoform	640	U
79-34-5	1,1,2,2-Tetrachloroethane	640	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

121

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4394 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4394.39

Sample wt/vol: 9.2 (g/ml) G Lab File ID: VB003439.D

Level: (low/med) MED Date Received: 4/5/99

% Moisture: not dec. 15.58 Date Analyzed: 4/9/99

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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

122

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4394 SDG No: Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4394.41

Sample wt/vol: 8.8 (g/ml) G Lab File ID: VB003440.D

Level: (low/med) MED Date Received: 4/5/99

% Moisture: not dec. 7.27 Date Analyzed: 4/9/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

122

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4394 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4394.41

Sample wt/vol: 8.8 (g/ml) G Lab File ID: VB003440.D

Level: (low/med) MED Date Received: 4/5/99

% Moisture: not dec. 7.27 Date Analyzed: 4/9/99

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.

122

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4394 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4394.41

Sample wt/vol: 8.8 (g/ml) G Lab File ID: VB003440.D

Level: (low/med) MED Date Received: 4/5/99

% Moisture: not dec. 7.27 Date Analyzed: 4/9/99

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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

123

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4394 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4394.43

Sample wt/vol: 9.5 (g/ml) G Lab File ID: VB003441.D

Level: (low/med) MED Date Received: 4/5/99

% Moisture: not dec. 12.39 Date Analyzed: 4/9/99

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	890	U
108203	Di-isopropyl ether	600	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	300	U
75-01-4	Vinyl Chloride	890	U
74-83-9	Bromomethane	600	U
75-00-3	Chloroethane	890	U
75-69-4	Trichlorofluoromethane	600	U
75-35-4	1,1-Dichloroethene	300	U
67-64-1	Acetone	600	U
75-15-0	Carbon Disulfide	300	U
75-09-2	Methylene Chloride	600	U
156-60-5	trans-1,2-Dichloroethene	600	U
75-35-3	1,1-Dichloroethane	300	U
108-05-4	Vinyl Acetate	890	U
78-93-3	2-Butanone	890	U
	cis-1,2-Dichloroethene	300	U
67-66-3	Chloroform	300	U
75-55-6	1,1,1-Trichloroethane	300	U
56-23-5	Carbon Tetrachloride	600	U
71-43-2	Benzene	300	U
107-06-2	1,2-Dichloroethane	600	U
79-01-6	Trichloroethene	300	U
78-87-5	1,2-Dichloropropane	300	U
75-27-4	Bromodichloromethane	300	U
110-75-8	2-Chloroethyl vinyl ether	600	U
10061-01-5	cis-1,3-Dichloropropene	300	U
108-10-1	4-Methyl-2-Pentanone	600	U
108-88-3	Toluene	300	U
10061-02-6	trans-1,3-Dichloropropene	600	U
79-00-5	1,1,2-Trichloroethane	600	U
127-18-4	Tetrachloroethene	300	U
591-78-6	2-Hexanone	600	U
126-48-1	Dibromochloromethane	600	U
108-90-7	Chlorobenzene	300	U
100-41-4	Ethylbenzene	600	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

123

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4394 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4394.43

Sample wt/vol: 9.5 (g/ml) G Lab File ID: VB003441.D

Level: (low/med) MED Date Received: 4/5/99

% Moisture: not dec. 12.39 Date Analyzed: 4/9/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	890	U
1330-20-7	o-Xylene	600	U
100-42-5	Styrene	600	U
75-25-2	Bromoform	600	U
79-34-5	1,1,2,2-Tetrachloroethane	600	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

123

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4394 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4394.43

Sample wt/vol: 9.5 (g/ml) G Lab File ID: VB003441.D

Level: (low/med) MED Date Received: 4/5/99

% Moisture: not dec. 12.39 Date Analyzed: 4/9/99

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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

124

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4394 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4394.45

Sample wt/vol: 9.0 (g/ml) G Lab File ID: VB003442.D

Level: (low/med) MED Date Received: 4/5/99

% Moisture: not dec. 10.37 Date Analyzed: 4/9/99

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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

124

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4394 SDG No: Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4394.45

Sample wt/vol: 9.0 (g/ml) G Lab File ID: VB003442.D

Level: (low/med) MED Date Received: 4/5/99

% Moisture: not dec. 10.37 Date Analyzed: 4/9/99

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.

124

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4394 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4394.45

Sample wt/vol: 9.0 (g/ml) G Lab File ID: VB003442.D

Level: (low/med) MED Date Received: 4/5/99

% Moisture: not dec. 10.37 Date Analyzed: 4/9/99

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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

125

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.03

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VA006077.D

Level: (low/med) MED Date Received: 4/8/99

% Moisture: not dec. 7.07 Date Analyzed: 4/15/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

125

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.03

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VA006077.D

Level: (low/med) MED Date Received: 4/8/99

% Moisture: not dec. 7.07 Date Analyzed: 4/15/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
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. 125

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.03

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VA006077.D

Level: (low/med) MED Date Received: 4/8/99

% Moisture: not dec. 7.07 Date Analyzed: 4/15/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

126

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.05

Sample wt/vol: 8.9 (g/ml) G Lab File ID: VA006078.D

Level: (low/med) MED Date Received: 4/8/99

% Moisture: not dec. 15.11 Date Analyzed: 4/15/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

126

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.05

Sample wt/vol: 8.9 (g/ml) G Lab File ID: VA006078.D

Level: (low/med) MED Date Received: 4/8/99

% Moisture: not dec. 15.11 Date Analyzed: 4/15/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
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.

126

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.05

Sample wt/vol: 8.9 (g/ml) G Lab File ID: VA006078.D

Level: (low/med) MED Date Received: 4/8/99

% Moisture: not dec. 15.11 Date Analyzed: 4/15/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

127

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.07

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VA006079.D

Level: (low/med) MED Date Received: 4/8/99

% Moisture: not dec. 17.32 Date Analyzed: 4/15/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2200	U
107131	Acrylonitrile	2200	U
75650	tert-Butyl alcohol	4100	U
1634044	Methyl-tert-Butyl ether	940	U
108203	Di-isopropyl ether	630	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	310	U
75-01-4	Vinyl Chloride	940	U
74-83-9	Bromomethane	630	U
75-00-3	Chloroethane	940	U
75-69-4	Trichlorofluoromethane	630	U
75-35-4	1,1-Dichloroethene	310	U
67-64-1	Acetone	630	U
75-15-0	Carbon Disulfide	310	U
75-09-2	Methylene Chloride	630	U
156-60-5	trans-1,2-Dichloroethene	630	U
75-35-3	1,1-Dichloroethane	310	U
108-05-4	Vinyl Acetate	940	U
78-93-3	2-Butanone	940	U
	cis-1,2-Dichloroethene	310	U
67-66-3	Chloroform	310	U
75-55-6	1,1,1-Trichloroethane	310	U
56-23-5	Carbon Tetrachloride	630	U
71-43-2	Benzene	310	U
107-06-2	1,2-Dichloroethane	630	U
79-01-6	Trichloroethene	310	U
78-87-5	1,2-Dichloropropane	310	U
75-27-4	Bromodichloromethane	310	U
110-75-8	2-Chloroethyl vinyl ether	630	U
10061-01-5	cis-1,3-Dichloropropene	310	U
108-10-1	4-Methyl-2-Pentanone	630	U
108-88-3	Toluene	310	U
10061-02-6	trans-1,3-Dichloropropene	630	U
79-00-5	1,1,2-Trichloroethane	630	U
127-18-4	Tetrachloroethene	310	U
591-78-6	2-Hexanone	630	U
126-48-1	Dibromochloromethane	630	U
108-90-7	Chlorobenzene	310	U
100-41-4	Ethylbenzene	630	U

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

127

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.07

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VA006079.D

Level: (low/med) MED Date Received: 4/8/99

% Moisture: not dec. 17.32 Date Analyzed: 4/15/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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. 127

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.07

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VA006079.D

Level: (low/med) MED Date Received: 4/8/99

% Moisture: not dec. 17.32 Date Analyzed: 4/15/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

128

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.09

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VA006080.D

Level: (low/med) MED Date Received: 4/8/99

% Moisture: not dec. 13.52 Date Analyzed: 4/15/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

128

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.09

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VA006080.D

Level: (low/med) MED Date Received: 4/8/99

% Moisture: not dec. 13.52 Date Analyzed: 4/15/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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.

128

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.09

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VA006080.D

Level: (low/med) MED Date Received: 4/8/99

% Moisture: not dec. 13.52 Date Analyzed: 4/15/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

129

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.11

Sample wt/vol: 10.5 (g/ml) G Lab File ID: VA006081.D

Level: (low/med) MED Date Received: 4/8/99

% Moisture: not dec. 13.19 Date Analyzed: 4/15/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3500	U
1634044	Methyl-tert-Butyl ether	820	U
108203	Di-isopropyl ether	550	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	270	U
75-01-4	Vinyl Chloride	820	U
74-83-9	Bromomethane	550	U
75-00-3	Chloroethane	820	U
75-69-4	Trichlorofluoromethane	550	U
75-35-4	1,1-Dichloroethene	270	U
67-64-1	Acetone	550	U
75-15-0	Carbon Disulfide	270	U
75-09-2	Methylene Chloride	550	U
156-60-5	trans-1,2-Dichloroethene	550	U
75-35-3	1,1-Dichloroethane	270	U
108-05-4	Vinyl Acetate	820	U
78-93-3	2-Butanone	820	U
	cis-1,2-Dichloroethene	270	U
67-66-3	Chloroform	270	U
75-55-6	1,1,1-Trichloroethane	270	U
56-23-5	Carbon Tetrachloride	550	U
71-43-2	Benzene	270	U
107-06-2	1,2-Dichloroethane	550	U
79-01-6	Trichloroethene	270	U
78-87-5	1,2-Dichloropropane	270	U
75-27-4	Bromodichloromethane	270	U
110-75-8	2-Chloroethyl vinyl ether	550	U
10061-01-5	cis-1,3-Dichloropropene	270	U
108-10-1	4-Methyl-2-Pentanone	550	U
108-88-3	Toluene	270	U
10061-02-6	trans-1,3-Dichloropropene	550	U
79-00-5	1,1,2-Trichloroethane	550	U
127-18-4	Tetrachloroethene	270	U
591-78-6	2-Hexanone	550	U
126-48-1	Dibromochloromethane	550	U
108-90-7	Chlorobenzene	270	U
100-41-4	Ethylbenzene	550	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

129

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.11

Sample wt/vol: 10.5 (g/ml) G Lab File ID: VA006081.D

Level: (low/med) MED Date Received: 4/8/99

% Moisture: not dec. 13.19 Date Analyzed: 4/15/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
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.

129

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.11

Sample wt/vol: 10.5 (g/ml) G Lab File ID: VA006081.D

Level: (low/med) MED Date Received: 4/8/99

% Moisture: not dec. 13.19 Date Analyzed: 4/15/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

130

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.13

Sample wt/vol: 11.2 (g/ml) G Lab File ID: VA006082.D

Level: (low/med) MED Date Received: 4/8/99

% Moisture: not dec. 11.68 Date Analyzed: 4/15/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3300	U
1634044	Methyl-tert-Butyl ether	760	U
108203	Di-isopropyl ether	510	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	760	U
74-83-9	Bromomethane	510	U
75-00-3	Chloroethane	760	U
75-69-4	Trichlorofluoromethane	510	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	510	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	510	U
156-60-5	trans-1,2-Dichloroethene	510	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	760	U
78-93-3	2-Butanone	760	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	510	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	510	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	510	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	510	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	510	U
79-00-5	1,1,2-Trichloroethane	510	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	510	U
126-48-1	Dibromochloromethane	510	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	510	U

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

130

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.13

Sample wt/vol: 11.2 (g/ml) G Lab File ID: VA006082.D

Level: (low/med) MED Date Received: 4/8/99

% Moisture: not dec. 11.68 Date Analyzed: 4/15/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	760	U
1330-20-7	o-Xylene	510	U
100-42-5	Styrene	510	U
75-25-2	Bromoform	510	U
79-34-5	1,1,2,2-Tetrachloroethane	510	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

130

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.13

Sample wt/vol: 11.2 (g/ml) G Lab File ID: VA006082.D

Level: (low/med) MED Date Received: 4/8/99

% Moisture: not dec. 11.68 Date Analyzed: 4/15/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

131

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.15

Sample wt/vol: 11.0 (g/ml) G Lab File ID: VA006083.D

Level: (low/med) MED Date Received: 4/8/99

% Moisture: not dec. 22.46 Date Analyzed: 4/15/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

131

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.15

Sample wt/vol: 11.0 (g/ml) G Lab File ID: VA006083.D

Level: (low/med) MED Date Received: 4/8/99

% Moisture: not dec. 22.46 Date Analyzed: 4/15/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
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.

131

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.15

Sample wt/vol: 11.0 (g/ml) G Lab File ID: VA006083.D

Level: (low/med) MED Date Received: 4/8/99

% Moisture: not dec. 22.46 Date Analyzed: 4/15/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

132

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.17

Sample wt/vol: 11.3 (g/ml) G Lab File ID: VA006084.D

Level: (low/med) MED Date Received: 4/8/99

% Moisture: not dec. 42.4 Date Analyzed: 4/15/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2700	U
107131	Acrylonitrile	2700	U
75650	tert-Butyl alcohol	5000	U
1634044	Methyl-tert-Butyl ether	1100	U
108203	Di-isopropyl ether	760	U
	Dichlorodifluoromethane	1500	U
74-87-3	Chloromethane	380	U
75-01-4	Vinyl Chloride	1100	U
74-83-9	Bromomethane	760	U
75-00-3	Chloroethane	1100	U
75-69-4	Trichlorofluoromethane	760	U
75-35-4	1,1-Dichloroethene	380	U
67-64-1	Acetone	760	U
75-15-0	Carbon Disulfide	380	U
75-09-2	Methylene Chloride	760	U
156-60-5	trans-1,2-Dichloroethene	760	U
75-35-3	1,1-Dichloroethane	380	U
108-05-4	Vinyl Acetate	1100	U
78-93-3	2-Butanone	1100	U
	cis-1,2-Dichloroethene	380	U
67-66-3	Chloroform	380	U
75-55-6	1,1,1-Trichloroethane	380	U
56-23-5	Carbon Tetrachloride	760	U
71-43-2	Benzene	2500	
107-06-2	1,2-Dichloroethane	760	U
79-01-6	Trichloroethene	380	U
78-87-5	1,2-Dichloropropane	380	U
75-27-4	Bromodichloromethane	380	U
110-75-8	2-Chloroethyl vinyl ether	760	U
10061-01-5	cis-1,3-Dichloropropene	380	U
108-10-1	4-Methyl-2-Pentanone	760	U
108-88-3	Toluene	1500	
10061-02-6	trans-1,3-Dichloropropene	760	U
79-00-5	1,1,2-Trichloroethane	760	U
127-18-4	Tetrachloroethene	380	U
591-78-6	2-Hexanone	760	U
126-48-1	Dibromochloromethane	760	U
108-90-7	Chlorobenzene	380	U
100-41-4	Ethylbenzene	760	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

132

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.17

Sample wt/vol: 11.3 (g/ml) G Lab File ID: VA006084.D

Level: (low/med) MED Date Received: 4/8/99

% Moisture: not dec. 42.4 Date Analyzed: 4/15/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	1100	U
1330-20-7	o-Xylene	760	U
100-42-5	Styrene	760	U
75-25-2	Bromoform	760	U
79-34-5	1,1,2,2-Tetrachloroethane	760	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

132

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.17

Sample wt/vol: 11.3 (g/ml) G Lab File ID: VA006084.D

Level: (low/med) MED Date Received: 4/8/99

% Moisture: not dec. 42.4 Date Analyzed: 4/15/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 10

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000109-66-0	Pentane	6.81	2600	JN
2. 000110-54-3	Hexane	10.10	4500	JN
3. 000111-84-2	Nonane	21.27	2900	JN
4. 015869-94-0	Octane, 3,6-dimethyl-	22.34	2500	JN
5.	unknown	23.25	9600	J
6. 000099-82-1	1-Methyl-4-(1-methylethyl)-cyclor	24.61	3300	JN
7.	unknown	25.03	2800	J
8.	unknown	25.68	4600	J
9.	unknown	26.04	3000	J
10.	unknown	26.28	6600	J

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

133

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.19

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VA006085.D

Level: (low/med) MED Date Received: 4/8/99

% Moisture: not dec. 20.66 Date Analyzed: 4/15/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2300	U
107131	Acrylonitrile	2300	U
75650	tert-Butyl alcohol	4300	U
1634044	Methyl-tert-Butyl ether	980	U
108203	Di-isopropyl ether	660	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	330	U
75-01-4	Vinyl Chloride	980	U
74-83-9	Bromomethane	660	U
75-00-3	Chloroethane	980	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	980	U
78-93-3	2-Butanone	980	U
	cis-1,2-Dichloroethene	330	U
67-66-3	Chloroform	330	U
75-55-6	1,1,1-Trichloroethane	330	U
56-23-5	Carbon Tetrachloride	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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

133

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.19

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VA006085.D

Level: (low/med) MED Date Received: 4/8/99

% Moisture: not dec. 20.66 Date Analyzed: 4/15/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	980	U
1330-20-7	o-Xylene	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.

133

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.19

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VA006085.D

Level: (low/med) MED Date Received: 4/8/99

% Moisture: not dec. 20.66 Date Analyzed: 4/15/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

134

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.21

Sample wt/vol: 10.4 (g/ml) G Lab File ID: VA006086.D

Level: (low/med) MED Date Received: 4/8/99

% Moisture: not dec. 16.77 Date Analyzed: 4/15/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

134

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.21

Sample wt/vol: 10.4 (g/ml) G Lab File ID: VA006086.D

Level: (low/med) MED Date Received: 4/8/99

% Moisture: not dec. 16.77 Date Analyzed: 4/15/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
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.

134

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.21

Sample wt/vol: 10.4 (g/ml) G Lab File ID: VA006086.D

Level: (low/med) MED Date Received: 4/8/99

% Moisture: not dec. 16.77 Date Analyzed: 4/15/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

001138

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

135

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.23

Sample wt/vol: 11.0 (g/ml) G Lab File ID: VA006087.D

Level: (low/med) MED Date Received: 4/8/99

% Moisture: not dec. 18.53 Date Analyzed: 4/15/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

135

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.23

Sample wt/vol: 11.0 (g/ml) G Lab File ID: VA006087.D

Level: (low/med) MED Date Received: 4/8/99

% Moisture: not dec. 18.53 Date Analyzed: 4/15/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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.

135

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.23

Sample wt/vol: 11.0 (g/ml) G Lab File ID: VA006087.D

Level: (low/med) MED Date Received: 4/8/99

% Moisture: not dec. 18.53 Date Analyzed: 4/15/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

136

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.25

Sample wt/vol: 9.5 (g/ml) G Lab File ID: VB003508.D

Level: (low/med) MED Date Received: 4/8/99

% Moisture: not dec. 54.87 Date Analyzed: 4/19/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	4100	U
107131	Acrylonitrile	4100	U
75650	tert-Butyl alcohol	7600	U
1634044	Methyl-tert-Butyl ether	1800	U
108203	Di-isopropyl ether	1200	U
	Dichlorodifluoromethane	2300	U
74-87-3	Chloromethane	580	U
75-01-4	Vinyl Chloride	1800	U
74-83-9	Bromomethane	1200	U
75-00-3	Chloroethane	1800	U
75-69-4	Trichlorofluoromethane	1200	U
75-35-4	1,1-Dichloroethene	580	U
67-64-1	Acetone	1200	U
75-15-0	Carbon Disulfide	580	U
75-09-2	Methylene Chloride	1200	U
156-60-5	trans-1,2-Dichloroethene	1200	U
75-35-3	1,1-Dichloroethane	580	U
108-05-4	Vinyl Acetate	1800	U
78-93-3	2-Butanone	1800	U
	cis-1,2-Dichloroethene	580	U
67-66-3	Chloroform	580	U
75-55-6	1,1,1-Trichloroethane	580	U
56-23-5	Carbon Tetrachloride	1200	U
71-43-2	Benzene	580	U
107-06-2	1,2-Dichloroethane	1200	U
79-01-6	Trichloroethene	580	U
78-87-5	1,2-Dichloropropane	580	U
75-27-4	Bromodichloromethane	580	U
110-75-8	2-Chloroethyl vinyl ether	1200	U
10061-01-5	cis-1,3-Dichloropropene	580	U
108-10-1	4-Methyl-2-Pentanone	1200	U
108-88-3	Toluene	580	U
10061-02-6	trans-1,3-Dichloropropene	1200	U
79-00-5	1,1,2-Trichloroethane	1200	U
127-18-4	Tetrachloroethene	580	U
591-78-6	2-Hexanone	1200	U
126-48-1	Dibromochloromethane	1200	U
108-90-7	Chlorobenzene	580	U
100-41-4	Ethylbenzene	1200	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

136

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.25

Sample wt/vol: 9.5 (g/ml) G Lab File ID: VB003508.D

Level: (low/med) MED Date Received: 4/8/99

% Moisture: not dec. 54.87 Date Analyzed: 4/19/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	1800	U
1330-20-7	o-Xylene	1200	U
100-42-5	Styrene	1200	U
75-25-2	Bromoform	1200	U
79-34-5	1,1,2,2-Tetrachloroethane	1200	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

136

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.25

Sample wt/vol: 9.5 (g/ml) G Lab File ID: VB003508.D

Level: (low/med) MED Date Received: 4/8/99

% Moisture: not dec. 54.87 Date Analyzed: 4/19/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

137

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.27

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VB003509.D

Level: (low/med) MED Date Received: 4/8/99

% Moisture: not dec. 24.83 Date Analyzed: 4/19/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

137

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.27

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VB003509.D

Level: (low/med) MED Date Received: 4/8/99

% Moisture: not dec. 24.83 Date Analyzed: 4/19/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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.

137

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.27

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VB003509.D

Level: (low/med) MED Date Received: 4/8/99

% Moisture: not dec. 24.83 Date Analyzed: 4/19/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

138

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.29

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VB003510.D

Level: (low/med) MED Date Received: 4/8/99

% Moisture: not dec. 17.54 Date Analyzed: 4/19/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

138

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.29

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VB003510.D

Level: (low/med) MED Date Received: 4/8/99

% Moisture: not dec. 17.54 Date Analyzed: 4/19/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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.

138

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.29

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VB003510.D

Level: (low/med) MED Date Received: 4/8/99

% Moisture: not dec. 17.54 Date Analyzed: 4/19/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

139

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.31

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VB003511.D

Level: (low/med) MED Date Received: 4/8/99

% Moisture: not dec. 12.24 Date Analyzed: 4/19/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

139

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4401 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4401.31

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VB003511.D

Level: (low/med) MED Date Received: 4/8/99

% Moisture: not dec. 12.24 Date Analyzed: 4/19/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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. 139

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.31

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VB003511.D

Level: (low/med) MED Date Received: 4/8/99

% Moisture: not dec. 12.24 Date Analyzed: 4/19/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

140

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.33

Sample wt/vol: 8.9 (g/ml) G Lab File ID: VB003512.D

Level: (low/med) MED Date Received: 4/8/99

% Moisture: not dec. 17.2 Date Analyzed: 4/19/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2400	U
107131	Acrylonitrile	2400	U
75650	tert-Butyl alcohol	4400	U
1634044	Methyl-tert-Butyl ether	1000	U
108203	Di-isopropyl ether	670	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	340	U
75-01-4	Vinyl Chloride	1000	U
74-83-9	Bromomethane	670	U
75-00-3	Chloroethane	1000	U
75-69-4	Trichlorofluoromethane	670	U
75-35-4	1,1-Dichloroethene	340	U
67-64-1	Acetone	670	U
75-15-0	Carbon Disulfide	340	U
75-09-2	Methylene Chloride	670	U
156-60-5	trans-1,2-Dichloroethene	670	U
75-35-3	1,1-Dichloroethane	340	U
108-05-4	Vinyl Acetate	1000	U
78-93-3	2-Butanone	1000	U
	cis-1,2-Dichloroethene	340	U
67-66-3	Chloroform	340	U
75-55-6	1,1,1-Trichloroethane	340	U
56-23-5	Carbon Tetrachloride	670	U
71-43-2	Benzene	340	U
107-06-2	1,2-Dichloroethane	670	U
79-01-6	Trichloroethene	340	U
78-87-5	1,2-Dichloropropane	340	U
75-27-4	Bromodichloromethane	340	U
110-75-8	2-Chloroethyl vinyl ether	670	U
10061-01-5	cis-1,3-Dichloropropene	340	U
108-10-1	4-Methyl-2-Pentanone	670	U
108-88-3	Toluene	340	U
10061-02-6	trans-1,3-Dichloropropene	670	U
79-00-5	1,1,2-Trichloroethane	670	U
127-18-4	Tetrachloroethene	340	U
591-78-6	2-Hexanone	670	U
126-48-1	Dibromochloromethane	670	U
108-90-7	Chlorobenzene	340	U
100-41-4	Ethylbenzene	670	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

140

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.33

Sample wt/vol: 8.9 (g/ml) G Lab File ID: VB003512.D

Level: (low/med) MED Date Received: 4/8/99

% Moisture: not dec. 17.2 Date Analyzed: 4/19/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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.

140

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.33

Sample wt/vol: 8.9 (g/ml) G Lab File ID: VB003512.D

Level: (low/med) MED Date Received: 4/8/99

% Moisture: not dec. 17.2 Date Analyzed: 4/19/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

001156

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

141

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.35

Sample wt/vol: 8.3 (g/ml) G Lab File ID: VB003513.D

Level: (low/med) MED Date Received: 4/8/99

% Moisture: not dec. 8.41 Date Analyzed: 4/19/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

141

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.35

Sample wt/vol: 8.3 (g/ml) G Lab File ID: VB003513.D

Level: (low/med) MED Date Received: 4/8/99

% Moisture: not dec. 8.41 Date Analyzed: 4/19/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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.

141

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.35

Sample wt/vol: 8.3 (g/ml) G Lab File ID: VB003513.D

Level: (low/med) MED Date Received: 4/8/99

% Moisture: not dec. 8.41 Date Analyzed: 4/19/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

142

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.37

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VB003514.D

Level: (low/med) MED Date Received: 4/8/99

% Moisture: not dec. 19.38 Date Analyzed: 4/19/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2200	U
107131	Acrylonitrile	2200	U
75650	tert-Butyl alcohol	4100	U
1634044	Methyl-tert-Butyl ether	940	U
108203	Di-isopropyl ether	630	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	310	U
75-01-4	Vinyl Chloride	940	U
74-83-9	Bromomethane	630	U
75-00-3	Chloroethane	940	U
75-69-4	Trichlorofluoromethane	630	U
75-35-4	1,1-Dichloroethene	310	U
67-64-1	Acetone	630	U
75-15-0	Carbon Disulfide	310	U
75-09-2	Methylene Chloride	630	U
156-60-5	trans-1,2-Dichloroethene	630	U
75-35-3	1,1-Dichloroethane	310	U
108-05-4	Vinyl Acetate	940	U
78-93-3	2-Butanone	940	U
	cis-1,2-Dichloroethene	310	U
67-66-3	Chloroform	310	U
75-55-6	1,1,1-Trichloroethane	310	U
56-23-5	Carbon Tetrachloride	630	U
71-43-2	Benzene	310	U
107-06-2	1,2-Dichloroethane	630	U
79-01-6	Trichloroethene	310	U
78-87-5	1,2-Dichloropropane	310	U
75-27-4	Bromodichloromethane	310	U
110-75-8	2-Chloroethyl vinyl ether	630	U
10061-01-5	cis-1,3-Dichloropropene	310	U
108-10-1	4-Methyl-2-Pentanone	630	U
108-88-3	Toluene	310	U
10061-02-6	trans-1,3-Dichloropropene	630	U
79-00-5	1,1,2-Trichloroethane	630	U
127-18-4	Tetrachloroethene	310	U
591-78-6	2-Hexanone	630	U
126-48-1	Dibromochloromethane	630	U
108-90-7	Chlorobenzene	310	U
100-41-4	Ethylbenzene	630	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

142

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.37

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VB003514.D

Level: (low/med) MED Date Received: 4/8/99

% Moisture: not dec. 19.38 Date Analyzed: 4/19/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
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.

142

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.37

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VB003514.D

Level: (low/med) MED Date Received: 4/8/99

% Moisture: not dec. 19.38 Date Analyzed: 4/19/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

143

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.43

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VB003517.D

Level: (low/med) MED Date Received: 4/8/99

% Moisture: not dec. 16.27 Date Analyzed: 4/19/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil 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	2300	
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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

143

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.43

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VB003517.D

Level: (low/med) MED Date Received: 4/8/99

% Moisture: not dec. 16.27 Date Analyzed: 4/19/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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.

143

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.43

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VB003517.D

Level: (low/med) MED Date Received: 4/8/99

% Moisture: not dec. 16.27 Date Analyzed: 4/19/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

144

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.45

Sample wt/vol: 9.2 (g/ml) G Lab File ID: VB003518.D

Level: (low/med) MED Date Received: 4/8/99

% Moisture: not dec. 10.97 Date Analyzed: 4/20/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil 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	570	J
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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

144

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.45

Sample wt/vol: 9.2 (g/ml) G Lab File ID: VB003518.D

Level: (low/med) MED Date Received: 4/8/99

% Moisture: not dec. 10.97 Date Analyzed: 4/20/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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.

144

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.45

Sample wt/vol: 9.2 (g/ml) G Lab File ID: VB003518.D

Level: (low/med) MED Date Received: 4/8/99

% Moisture: not dec. 10.97 Date Analyzed: 4/20/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

145

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.47

Sample wt/vol: 8.2 (g/ml) G Lab File ID: VB003519.D

Level: (low/med) MED Date Received: 4/8/99

% Moisture: not dec. 7.29 Date Analyzed: 4/20/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2300	U
107131	Acrylonitrile	2300	U
75650	tert-Butyl alcohol	4300	U
1634044	Methyl-tert-Butyl ether	980	U
108203	Di-isopropyl ether	660	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	330	U
75-01-4	Vinyl Chloride	980	U
74-83-9	Bromomethane	660	U
75-00-3	Chloroethane	980	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	980	U
78-93-3	2-Butanone	980	U
	cis-1,2-Dichloroethene	330	U
67-66-3	Chloroform	330	U
75-55-6	1,1,1-Trichloroethane	330	U
56-23-5	Carbon Tetrachloride	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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

145

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.47

Sample wt/vol: 8.2 (g/ml) G Lab File ID: VB003519.D

Level: (low/med) MED Date Received: 4/8/99

% Moisture: not dec. 7.29 Date Analyzed: 4/20/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	980	U
1330-20-7	o-Xylene	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.

145

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.47

Sample wt/vol: 8.2 (g/ml) G Lab File ID: VB003519.D

Level: (low/med) MED Date Received: 4/8/99

% Moisture: not dec. 7.29 Date Analyzed: 4/20/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

146

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4405 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4405.03

Sample wt/vol: 9.1 (g/ml) G Lab File ID: VB003460.D

Level: (low/med) MED Date Received: 4/9/99

% Moisture: not dec. 11.71 Date Analyzed: 4/15/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2200	U
107131	Acrylonitrile	2200	U
75650	tert-Butyl alcohol	4100	U
1634044	Methyl-tert-Butyl ether	940	U
108203	Di-isopropyl ether	630	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	310	U
75-01-4	Vinyl Chloride	940	U
74-83-9	Bromomethane	630	U
75-00-3	Chloroethane	940	U
75-69-4	Trichlorofluoromethane	630	U
75-35-4	1,1-Dichloroethene	310	U
67-64-1	Acetone	630	U
75-15-0	Carbon Disulfide	310	U
75-09-2	Methylene Chloride	630	U
156-60-5	trans-1,2-Dichloroethene	630	U
75-35-3	1,1-Dichloroethane	310	U
108-05-4	Vinyl Acetate	940	U
78-93-3	2-Butanone	940	U
	cis-1,2-Dichloroethene	310	U
67-66-3	Chloroform	310	U
75-55-6	1,1,1-Trichloroethane	310	U
56-23-5	Carbon Tetrachloride	630	U
71-43-2	Benzene	310	U
107-06-2	1,2-Dichloroethane	630	U
79-01-6	Trichloroethene	310	U
78-87-5	1,2-Dichloropropane	310	U
75-27-4	Bromodichloromethane	310	U
110-75-8	2-Chloroethyl vinyl ether	630	U
10061-01-5	cis-1,3-Dichloropropene	310	U
108-10-1	4-Methyl-2-Pentanone	630	U
108-88-3	Toluene	310	U
10061-02-6	trans-1,3-Dichloropropene	630	U
79-00-5	1,1,2-Trichloroethane	630	U
127-18-4	Tetrachloroethene	310	U
591-78-6	2-Hexanone	630	U
126-48-1	Dibromochloromethane	630	U
108-90-7	Chlorobenzene	310	U
100-41-4	Ethylbenzene	630	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

146

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4405 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4405.03

Sample wt/vol: 9.1 (g/ml) G Lab File ID: VB003460.D

Level: (low/med) MED Date Received: 4/9/99

% Moisture: not dec. 11.71 Date Analyzed: 4/15/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
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

001173

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

146

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4405 SDG No: Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4405.03

Sample wt/vol: 9.1 (g/ml) G Lab File ID: VB003460.D

Level: (low/med) MED Date Received: 4/9/99

% Moisture: not dec. 11.71 Date Analyzed: 4/15/99

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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

147

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4405 SDG No: Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4405.05

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB003461.D

Level: (low/med) MED Date Received: 4/9/99

% Moisture: not dec. 14.93 Date Analyzed: 4/15/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

147

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4405 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4405.05

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB003461.D

Level: (low/med) MED Date Received: 4/9/99

% Moisture: not dec. 14.93 Date Analyzed: 4/15/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
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.

147

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4405 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4405.05

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB003461.D

Level: (low/med) MED Date Received: 4/9/99

% Moisture: not dec. 14.93 Date Analyzed: 4/15/99

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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

148

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4405 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4405.07

Sample wt/vol: 11.3 (g/ml) G Lab File ID: VB003462.D

Level: (low/med) MED Date Received: 4/9/99

% Moisture: not dec. 6.62 Date Analyzed: 4/15/99

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	1700	U
107131	Acrylonitrile	1700	U
75650	tert-Butyl alcohol	3100	U
1634044	Methyl-tert-Butyl ether	720	U
108203	Di-isopropyl ether	480	U
	Dichlorodifluoromethane	950	U
74-87-3	Chloromethane	240	U
75-01-4	Vinyl Chloride	720	U
74-83-9	Bromomethane	480	U
75-00-3	Chloroethane	720	U
75-69-4	Trichlorofluoromethane	480	U
75-35-4	1,1-Dichloroethene	240	U
67-64-1	Acetone	480	U
75-15-0	Carbon Disulfide	240	U
75-09-2	Methylene Chloride	480	U
156-60-5	trans-1,2-Dichloroethene	480	U
75-35-3	1,1-Dichloroethane	240	U
108-05-4	Vinyl Acetate	720	U
78-93-3	2-Butanone	720	U
	cis-1,2-Dichloroethene	240	U
67-66-3	Chloroform	240	U
75-55-6	1,1,1-Trichloroethane	240	U
56-23-5	Carbon Tetrachloride	480	U
71-43-2	Benzene	240	U
107-06-2	1,2-Dichloroethane	480	U
79-01-6	Trichloroethene	240	U
78-87-5	1,2-Dichloropropane	240	U
75-27-4	Bromodichloromethane	240	U
110-75-8	2-Chloroethyl vinyl ether	480	U
10061-01-5	cis-1,3-Dichloropropene	240	U
108-10-1	4-Methyl-2-Pentanone	480	U
108-88-3	Toluene	240	U
10061-02-6	trans-1,3-Dichloropropene	480	U
79-00-5	1,1,2-Trichloroethane	480	U
127-18-4	Tetrachloroethene	240	U
591-78-6	2-Hexanone	480	U
126-48-1	Dibromochloromethane	480	U
108-90-7	Chlorobenzene	240	U
100-41-4	Ethylbenzene	480	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

148

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4405 SDG No: Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4405.07

Sample wt/vol: 11.3 (g/ml) G Lab File ID: VB003462.D

Level: (low/med) MED Date Received: 4/9/99

% Moisture: not dec. 6.62 Date Analyzed: 4/15/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	720	U
1330-20-7	o-Xylene	480	U
100-42-5	Styrene	480	U
75-25-2	Bromoform	480	U
79-34-5	1,1,2,2-Tetrachloroethane	480	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID. **148**

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4405 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4405.07

Sample wt/vol: 11.3 (g/ml) G Lab File ID: VB003462.D

Level: (low/med) MED Date Received: 4/9/99

% Moisture: not dec. 6.62 Date Analyzed: 4/15/99

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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

149

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4405 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4405.09

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB003463.D

Level: (low/med) MED Date Received: 4/9/99

% Moisture: not dec. 15.71 Date Analyzed: 4/15/99

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

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

149

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4405 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4405.09

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB003463.D

Level: (low/med) MED Date Received: 4/9/99

% Moisture: not dec. 15.71 Date Analyzed: 4/15/99

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. **149**

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4405 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4405.09

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB003463.D

Level: (low/med) MED Date Received: 4/9/99

% Moisture: not dec. 15.71 Date Analyzed: 4/15/99

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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

150

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4405 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4405.11

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VB003464.D

Level: (low/med) MED Date Received: 4/9/99

% Moisture: not dec. 21.91 Date Analyzed: 4/15/99

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	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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

150

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4405 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4405.11

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VB003464.D

Level: (low/med) MED Date Received: 4/9/99

% Moisture: not dec. 21.91 Date Analyzed: 4/15/99

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	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.

150

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4405 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4405.11

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VB003464.D

Level: (low/med) MED Date Received: 4/9/99

% Moisture: not dec. 21.91 Date Analyzed: 4/15/99

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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

151

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4405 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4405.13

Sample wt/vol: 9.2 (g/ml) G Lab File ID: VB003465.D

Level: (low/med) MED Date Received: 4/9/99

% Moisture: not dec. 12.34 Date Analyzed: 4/15/99

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	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

FIELD ID.

151

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4405 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4405.13

Sample wt/vol: 9.2 (g/ml) G Lab File ID: VB003465.D

Level: (low/med) MED Date Received: 4/9/99

% Moisture: not dec. 12.34 Date Analyzed: 4/15/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
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.

151

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4405 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4405.13

Sample wt/vol: 9.2 (g/ml) G Lab File ID: VB003465.D

Level: (low/med) MED Date Received: 4/9/99

% Moisture: not dec. 12.34 Date Analyzed: 4/15/99

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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

152

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4405 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4405.15

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB003466.D

Level: (low/med) MED Date Received: 4/9/99

% Moisture: not dec. 9.34 Date Analyzed: 4/15/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3600	U
1634044	Methyl-tert-Butyl ether	820	U
108203	Di-isopropyl ether	550	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	270	U
75-01-4	Vinyl Chloride	820	U
74-83-9	Bromomethane	550	U
75-00-3	Chloroethane	820	U
75-69-4	Trichlorofluoromethane	550	U
75-35-4	1,1-Dichloroethene	270	U
67-64-1	Acetone	550	U
75-15-0	Carbon Disulfide	270	U
75-09-2	Methylene Chloride	550	U
156-60-5	trans-1,2-Dichloroethene	550	U
75-35-3	1,1-Dichloroethane	270	U
108-05-4	Vinyl Acetate	820	U
78-93-3	2-Butanone	820	U
	cis-1,2-Dichloroethene	270	U
67-66-3	Chloroform	270	U
75-55-6	1,1,1-Trichloroethane	270	U
56-23-5	Carbon Tetrachloride	550	U
71-43-2	Benzene	270	U
107-06-2	1,2-Dichloroethane	550	U
79-01-6	Trichloroethene	270	U
78-87-5	1,2-Dichloropropane	270	U
75-27-4	Bromodichloromethane	270	U
110-75-8	2-Chloroethyl vinyl ether	550	U
10061-01-5	cis-1,3-Dichloropropene	270	U
108-10-1	4-Methyl-2-Pentanone	550	U
108-88-3	Toluene	270	U
10061-02-6	trans-1,3-Dichloropropene	550	U
79-00-5	1,1,2-Trichloroethane	550	U
127-18-4	Tetrachloroethene	270	U
591-78-6	2-Hexanone	550	U
126-48-1	Dibromochloromethane	550	U
108-90-7	Chlorobenzene	270	U
100-41-4	Ethylbenzene	550	U

1A

FIELD ID.

152

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4405 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4405.15

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB003466.D

Level: (low/med) MED Date Received: 4/9/99

% Moisture: not dec. 9.34 Date Analyzed: 4/15/99

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	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. **152**

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4405 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4405.15

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB003466.D

Level: (low/med) MED Date Received: 4/9/99

% Moisture: not dec. 9.34 Date Analyzed: 4/15/99

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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

153

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4405 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4405.17

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VB003467.D

Level: (low/med) MED Date Received: 4/9/99

% Moisture: not dec. 11.31 Date Analyzed: 4/15/99

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	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3600	U
1634044	Methyl-tert-Butyl ether	820	U
108203	Di-isopropyl ether	550	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	270	U
75-01-4	Vinyl Chloride	820	U
74-83-9	Bromomethane	550	U
75-00-3	Chloroethane	820	U
75-69-4	Trichlorofluoromethane	550	U
75-35-4	1,1-Dichloroethene	270	U
67-64-1	Acetone	550	U
75-15-0	Carbon Disulfide	270	U
75-09-2	Methylene Chloride	550	U
156-60-5	trans-1,2-Dichloroethene	550	U
75-35-3	1,1-Dichloroethane	270	U
108-05-4	Vinyl Acetate	820	U
78-93-3	2-Butanone	820	U
	cis-1,2-Dichloroethene	270	U
67-66-3	Chloroform	270	U
75-55-6	1,1,1-Trichloroethane	270	U
56-23-5	Carbon Tetrachloride	550	U
71-43-2	Benzene	270	U
107-06-2	1,2-Dichloroethane	550	U
79-01-6	Trichloroethene	270	U
78-87-5	1,2-Dichloropropane	270	U
75-27-4	Bromodichloromethane	270	U
110-75-8	2-Chloroethyl vinyl ether	550	U
10061-01-5	cis-1,3-Dichloropropene	270	U
108-10-1	4-Methyl-2-Pentanone	550	U
108-88-3	Toluene	270	U
10061-02-6	trans-1,3-Dichloropropene	550	U
79-00-5	1,1,2-Trichloroethane	550	U
127-18-4	Tetrachloroethene	270	U
591-78-6	2-Hexanone	550	U
126-48-1	Dibromochloromethane	550	U
108-90-7	Chlorobenzene	270	U
100-41-4	Ethylbenzene	550	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

153

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4405 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4405.17

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VB003467.D

Level: (low/med) MED Date Received: 4/9/99

% Moisture: not dec. 11.31 Date Analyzed: 4/15/99

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	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. **153**

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4405 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4405.17

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VB003467.D

Level: (low/med) MED Date Received: 4/9/99

% Moisture: not dec. 11.31 Date Analyzed: 4/15/99

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

FIELD ID.

154

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4405 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4405.19

Sample wt/vol: 9.4 (g/ml) G Lab File ID: VB003468.D

Level: (low/med) MED Date Received: 4/9/99

% Moisture: not dec. 14.53 Date Analyzed: 4/15/99

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	4100	U
1634044	Methyl-tert-Butyl ether	940	U
108203	Di-isopropyl ether	630	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	310	U
75-01-4	Vinyl Chloride	940	U
74-83-9	Bromomethane	630	U
75-00-3	Chloroethane	940	U
75-69-4	Trichlorofluoromethane	630	U
75-35-4	1,1-Dichloroethene	310	U
67-64-1	Acetone	630	U
75-15-0	Carbon Disulfide	310	U
75-09-2	Methylene Chloride	630	U
156-60-5	trans-1,2-Dichloroethene	630	U
75-35-3	1,1-Dichloroethane	310	U
108-05-4	Vinyl Acetate	940	U
78-93-3	2-Butanone	940	U
	cis-1,2-Dichloroethene	310	U
67-66-3	Chloroform	310	U
75-55-6	1,1,1-Trichloroethane	310	U
56-23-5	Carbon Tetrachloride	630	U
71-43-2	Benzene	310	U
107-06-2	1,2-Dichloroethane	630	U
79-01-6	Trichloroethene	310	U
78-87-5	1,2-Dichloropropane	310	U
75-27-4	Bromodichloromethane	310	U
110-75-8	2-Chloroethyl vinyl ether	630	U
10061-01-5	cis-1,3-Dichloropropene	310	U
108-10-1	4-Methyl-2-Pentanone	630	U
108-88-3	Toluene	310	U
10061-02-6	trans-1,3-Dichloropropene	630	U
79-00-5	1,1,2-Trichloroethane	630	U
127-18-4	Tetrachloroethene	310	U
591-78-6	2-Hexanone	630	U
126-48-1	Dibromochloromethane	630	U
108-90-7	Chlorobenzene	310	U
100-41-4	Ethylbenzene	630	U

1A

FIELD ID.

154

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4405 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4405.19

Sample wt/vol: 9.4 (g/ml) G Lab File ID: VB003468.D

Level: (low/med) MED Date Received: 4/9/99

% Moisture: not dec. 14.53 Date Analyzed: 4/15/99

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
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.

154

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4405 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4405.19

Sample wt/vol: 9.4 (g/ml) G Lab File ID: VB003468.D

Level: (low/med) MED Date Received: 4/9/99

% Moisture: not dec. 14.53 Date Analyzed: 4/15/99

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

FIELD ID.

155

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4405 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4405.21

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB003469.D

Level: (low/med) MED Date Received: 4/9/99

% Moisture: not dec. 10.58 Date Analyzed: 4/15/99

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	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	4100
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

FIELD ID.

155

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4405 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4405.21

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB003469.D

Level: (low/med) MED Date Received: 4/9/99

% Moisture: not dec. 10.58 Date Analyzed: 4/15/99

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
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. 155

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4405 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4405.21

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB003469.D

Level: (low/med) MED Date Received: 4/9/99

% Moisture: not dec. 10.58 Date Analyzed: 4/15/99

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

FIELD ID.

156

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4405 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4405.23

Sample wt/vol: 10.5 (g/ml) G Lab File ID: VB003470.D

Level: (low/med) MED Date Received: 4/9/99

% Moisture: not dec. 10.55 Date Analyzed: 4/15/99

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	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3500	U
1634044	Methyl-tert-Butyl ether	800	U
108203	Di-isopropyl ether	540	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	270	U
75-01-4	Vinyl Chloride	800	U
74-83-9	Bromomethane	540	U
75-00-3	Chloroethane	800	U
75-69-4	Trichlorofluoromethane	540	U
75-35-4	1,1-Dichloroethene	270	U
67-64-1	Acetone	540	U
75-15-0	Carbon Disulfide	270	U
75-09-2	Methylene Chloride	400	J
156-60-5	trans-1,2-Dichloroethene	540	U
75-35-3	1,1-Dichloroethane	270	U
108-05-4	Vinyl Acetate	800	U
78-93-3	2-Butanone	800	U
	cis-1,2-Dichloroethene	270	U
67-66-3	Chloroform	270	U
75-55-6	1,1,1-Trichloroethane	270	U
56-23-5	Carbon Tetrachloride	540	U
71-43-2	Benzene	270	U
107-06-2	1,2-Dichloroethane	540	U
79-01-6	Trichloroethene	270	U
78-87-5	1,2-Dichloropropane	270	U
75-27-4	Bromodichloromethane	270	U
110-75-8	2-Chloroethyl vinyl ether	540	U
10061-01-5	cis-1,3-Dichloropropene	270	U
108-10-1	4-Methyl-2-Pentanone	540	U
108-88-3	Toluene	270	U
10061-02-6	trans-1,3-Dichloropropene	540	U
79-00-5	1,1,2-Trichloroethane	540	U
127-18-4	Tetrachloroethene	270	U
591-78-6	2-Hexanone	540	U
126-48-1	Dibromochloromethane	540	U
108-90-7	Chlorobenzene	270	U
100-41-4	Ethylbenzene	540	U

1A

FIELD ID.

156

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4405 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4405.23

Sample wt/vol: 10.5 (g/ml) G Lab File ID: VB003470.D

Level: (low/med) MED Date Received: 4/9/99

% Moisture: not dec. 10.55 Date Analyzed: 4/15/99

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	
1330-20-7	m+p-Xylenes	800	U
1330-20-7	o-Xylene	540	U
100-42-5	Styrene	540	U
75-25-2	Bromoform	540	U
79-34-5	1,1,2,2-Tetrachloroethane	540	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

156

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4405 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4405.23

Sample wt/vol: 10.5 (g/ml) G Lab File ID: VB003470.D

Level: (low/med) MED Date Received: 4/9/99

% Moisture: not dec. 10.55 Date Analyzed: 4/15/99

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

FIELD ID.

157

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4405 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4405.25

Sample wt/vol: 10.6 (g/ml) G Lab File ID: VB003471.D

Level: (low/med) MED Date Received: 4/9/99

% Moisture: not dec. 10.63 Date Analyzed: 4/15/99

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	1900 U
107131	Acrylonitrile	1900 U
75650	tert-Butyl alcohol	3400 U
1634044	Methyl-tert-Butyl ether	790 U
108203	Di-isopropyl ether	530 U
	Dichlorodifluoromethane	1100 U
74-87-3	Chloromethane	260 U
75-01-4	Vinyl Chloride	790 U
74-83-9	Bromomethane	530 U
75-00-3	Chloroethane	790 U
75-69-4	Trichlorofluoromethane	530 U
75-35-4	1,1-Dichloroethene	260 U
67-64-1	Acetone	530 U
75-15-0	Carbon Disulfide	260 U
75-09-2	Methylene Chloride	530 U
156-60-5	trans-1,2-Dichloroethene	530 U
75-35-3	1,1-Dichloroethane	260 U
108-05-4	Vinyl Acetate	790 U
78-93-3	2-Butanone	790 U
	cis-1,2-Dichloroethene	260 U
67-66-3	Chloroform	260 U
75-55-6	1,1,1-Trichloroethane	260 U
56-23-5	Carbon Tetrachloride	530 U
71-43-2	Benzene	260 U
107-06-2	1,2-Dichloroethane	530 U
79-01-6	Trichloroethene	260 U
78-87-5	1,2-Dichloropropane	260 U
75-27-4	Bromodichloromethane	260 U
110-75-8	2-Chloroethyl vinyl ether	530 U
10061-01-5	cis-1,3-Dichloropropene	260 U
108-10-1	4-Methyl-2-Pentanone	530 U
108-88-3	Toluene	260 U
10061-02-6	trans-1,3-Dichloropropene	530 U
79-00-5	1,1,2-Trichloroethane	530 U
127-18-4	Tetrachloroethene	260 U
591-78-6	2-Hexanone	530 U
126-48-1	Dibromochloromethane	530 U
108-90-7	Chlorobenzene	260 U
100-41-4	Ethylbenzene	530 U

1A

FIELD ID.

157

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4405 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4405.25

Sample wt/vol: 10.6 (g/ml) G Lab File ID: VB003471.D

Level: (low/med) MED Date Received: 4/9/99

% Moisture: not dec. 10.63 Date Analyzed: 4/15/99

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
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. **157**

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4405 SDG No: _____ Location: M-8

Matrix: (soil/water) SOIL Lab Sample ID: 4405.25

Sample wt/vol: 10.6 (g/ml) G Lab File ID: VB003471.D

Level: (low/med) MED Date Received: 4/9/99

% Moisture: not dec. 10.63 Date Analyzed: 4/15/99

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

FIELD ID.

158

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4413 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4413.03

Sample wt/vol: 9.3 (g/ml) G Lab File ID: VA006119.D

Level: (low/med) MED Date Received: 4/13/99

% Moisture: not dec. 32.24 Date Analyzed: 4/22/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
107028	Acrolein	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	390	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	390	U
67-64-1	Acetone	790	U
75-15-0	Carbon Disulfide	390	U
75-09-2	Methylene Chloride	790	U
156-60-5	trans-1,2-Dichloroethene	790	U
75-35-3	1,1-Dichloroethane	390	U
108-05-4	Vinyl Acetate	1200	U
78-93-3	2-Butanone	1200	U
	cis-1,2-Dichloroethene	390	U
67-66-3	Chloroform	390	U
75-55-6	1,1,1-Trichloroethane	390	U
56-23-5	Carbon Tetrachloride	790	U
71-43-2	Benzene	390	U
107-06-2	1,2-Dichloroethane	790	U
79-01-6	Trichloroethene	390	U
78-87-5	1,2-Dichloropropane	390	U
75-27-4	Bromodichloromethane	390	U
110-75-8	2-Chloroethyl vinyl ether	790	U
10061-01-5	cis-1,3-Dichloropropene	390	U
108-10-1	4-Methyl-2-Pentanone	790	U
108-88-3	Toluene	390	U
10061-02-6	trans-1,3-Dichloropropene	790	U
79-00-5	1,1,2-Trichloroethane	790	U
127-18-4	Tetrachloroethene	390	U
591-78-6	2-Hexanone	790	U
126-48-1	Dibromochloromethane	790	U
108-90-7	Chlorobenzene	390	U
100-41-4	Ethylbenzene	790	U

1A

FIELD ID.

158

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4413 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4413.03

Sample wt/vol: 9.3 (g/ml) G Lab File ID: VA006119.D

Level: (low/med) MED Date Received: 4/13/99

% Moisture: not dec. 32.24 Date Analyzed: 4/22/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
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.

158

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4413 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4413.03

Sample wt/vol: 9.3 (g/ml) G Lab File ID: VA006119.D

Level: (low/med) MED Date Received: 4/13/99

% Moisture: not dec. 32.24 Date Analyzed: 4/22/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

	CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	000110-54-3	Hexane	10.12	5200	JN

1A

FIELD ID.

159

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4413 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4413.05

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VA006120.D

Level: (low/med) MED Date Received: 4/13/99

% Moisture: not dec. 36.7 Date Analyzed: 4/22/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	Q
107028	Acrolein	2800 U
107131	Acrylonitrile	2800 U
75650	tert-Butyl alcohol	5300 U
1634044	Methyl-tert-Butyl ether	1200 U
108203	Di-isopropyl ether	810 U
	Dichlorodifluoromethane	1600 U
74-87-3	Chloromethane	400 U
75-01-4	Vinyl Chloride	1200 U
74-83-9	Bromomethane	810 U
75-00-3	Chloroethane	1200 U
75-69-4	Trichlorofluoromethane	810 U
75-35-4	1,1-Dichloroethene	400 U
67-64-1	Acetone	810 U
75-15-0	Carbon Disulfide	400 U
75-09-2	Methylene Chloride	810 U
156-60-5	trans-1,2-Dichloroethene	810 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	810 U
71-43-2	Benzene	400 U
107-06-2	1,2-Dichloroethane	810 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	810 U
10061-01-5	cis-1,3-Dichloropropene	400 U
108-10-1	4-Methyl-2-Pentanone	810 U
108-88-3	Toluene	400 U
10061-02-6	trans-1,3-Dichloropropene	810 U
79-00-5	1,1,2-Trichloroethane	810 U
127-18-4	Tetrachloroethene	400 U
591-78-6	2-Hexanone	810 U
126-48-1	Dibromochloromethane	810 U
108-90-7	Chlorobenzene	400 U
100-41-4	Ethylbenzene	810 U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

159

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4413 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4413.05

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VA006120.D

Level: (low/med) MED Date Received: 4/13/99

% Moisture: not dec. 36.7 Date Analyzed: 4/22/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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	810	U
100-42-5	Styrene	810	U
75-25-2	Bromoform	810	U
79-34-5	1,1,2,2-Tetrachloroethane	810	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

159

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4413 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4413.05

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VA006120.D

Level: (low/med) MED Date Received: 4/13/99

% Moisture: not dec. 36.7 Date Analyzed: 4/22/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	10.11	4900	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

160

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4413 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4413.07

Sample wt/vol: 9.2 (g/ml) G Lab File ID: VA006121.D

Level: (low/med) MED Date Received: 4/13/99

% Moisture: not dec. 68.89 Date Analyzed: 4/22/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND		Q
107028	Acrolein	6100	U
107131	Acrylonitrile	6100	U
75650	tert-Butyl alcohol	11000	U
1634044	Methyl-tert-Butyl ether	2600	U
108203	Di-isopropyl ether	1800	U
	Dichlorodifluoromethane	3500	U
74-87-3	Chloromethane	880	U
75-01-4	Vinyl Chloride	2600	U
74-83-9	Bromomethane	1800	U
75-00-3	Chloroethane	2600	U
75-69-4	Trichlorofluoromethane	1800	U
75-35-4	1,1-Dichloroethene	880	U
67-64-1	Acetone	1800	U
75-15-0	Carbon Disulfide	880	U
75-09-2	Methylene Chloride	1800	U
156-60-5	trans-1,2-Dichloroethene	1800	U
75-35-3	1,1-Dichloroethane	880	U
108-05-4	Vinyl Acetate	2600	U
78-93-3	2-Butanone	2600	U
	cis-1,2-Dichloroethene	880	U
67-66-3	Chloroform	880	U
75-55-6	1,1,1-Trichloroethane	880	U
56-23-5	Carbon Tetrachloride	1800	U
71-43-2	Benzene	880	U
107-06-2	1,2-Dichloroethane	1800	U
79-01-6	Trichloroethene	880	U
78-87-5	1,2-Dichloropropane	880	U
75-27-4	Bromodichloromethane	880	U
110-75-8	2-Chloroethyl vinyl ether	1800	U
10061-01-5	cis-1,3-Dichloropropene	880	U
108-10-1	4-Methyl-2-Pentanone	1800	U
108-88-3	Toluene	880	U
10061-02-6	trans-1,3-Dichloropropene	1800	U
79-00-5	1,1,2-Trichloroethane	1800	U
127-18-4	Tetrachloroethene	880	U
591-78-6	2-Hexanone	1800	U
126-48-1	Dibromochloromethane	1800	U
108-90-7	Chlorobenzene	880	U
100-41-4	Ethylbenzene	1800	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

160

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4413 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4413.07

Sample wt/vol: 9.2 (g/ml) G Lab File ID: VA006121.D

Level: (low/med) MED Date Received: 4/13/99

% Moisture: not dec. 68.89 Date Analyzed: 4/22/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	2600	U
1330-20-7	o-Xylene	1800	U
100-42-5	Styrene	1800	U
75-25-2	Bromoform	1800	U
79-34-5	1,1,2,2-Tetrachloroethane	1800	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

160

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4413 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4413.07

Sample wt/vol: 9.2 (g/ml) G Lab File ID: VA006121.D

Level: (low/med) MED Date Received: 4/13/99

% Moisture: not dec. 68.89 Date Analyzed: 4/22/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	10.13	10000	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

161

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4413 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4413.09

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VA006122.D

Level: (low/med) MED Date Received: 4/13/99

% Moisture: not dec. 13.1 Date Analyzed: 4/22/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil 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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

161

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4413 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4413.09

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VA006122.D

Level: (low/med) MED Date Received: 4/13/99

% Moisture: not dec. 13.1 Date Analyzed: 4/22/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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. **161**

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4413 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4413.09

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VA006122.D

Level: (low/med) MED Date Received: 4/13/99

% Moisture: not dec. 13.1 Date Analyzed: 4/22/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

162

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4413 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4413.11

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006123.D

Level: (low/med) MED Date Received: 4/13/99

% Moisture: not dec. 18.89 Date Analyzed: 4/22/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil 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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

162

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4413 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4413.11

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006123.D

Level: (low/med) MED Date Received: 4/13/99

% Moisture: not dec. 18.89 Date Analyzed: 4/22/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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.

162

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4413 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4413.11

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006123.D

Level: (low/med) MED Date Received: 4/13/99

% Moisture: not dec. 18.89 Date Analyzed: 4/22/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	10.11	3800	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

163

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4413 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4413.13

Sample wt/vol: 9.4 (g/ml) G Lab File ID: VA006124.D

Level: (low/med) MED Date Received: 4/13/99

% Moisture: not dec. 52.52 Date Analyzed: 4/22/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	3900	U
107131	Acrylonitrile	3900	U
75650	tert-Butyl alcohol	7300	U
1634044	Methyl-tert-Butyl ether	1700	U
108203	Di-isopropyl ether	1100	U
	Dichlorodifluoromethane	2300	U
74-87-3	Chloromethane	560	U
75-01-4	Vinyl Chloride	1700	U
74-83-9	Bromomethane	1100	U
75-00-3	Chloroethane	1700	U
75-69-4	Trichlorofluoromethane	1100	U
75-35-4	1,1-Dichloroethene	560	U
67-64-1	Acetone	1100	U
75-15-0	Carbon Disulfide	560	U
75-09-2	Methylene Chloride	1100	U
156-60-5	trans-1,2-Dichloroethene	1100	U
75-35-3	1,1-Dichloroethane	560	U
108-05-4	Vinyl Acetate	1700	U
78-93-3	2-Butanone	1700	U
	cis-1,2-Dichloroethene	560	U
67-66-3	Chloroform	560	U
75-55-6	1,1,1-Trichloroethane	560	U
56-23-5	Carbon Tetrachloride	1100	U
71-43-2	Benzene	560	U
107-06-2	1,2-Dichloroethane	1100	U
79-01-6	Trichloroethene	560	U
78-87-5	1,2-Dichloropropane	560	U
75-27-4	Bromodichloromethane	560	U
110-75-8	2-Chloroethyl vinyl ether	1100	U
10061-01-5	cis-1,3-Dichloropropene	560	U
108-10-1	4-Methyl-2-Pentanone	1100	U
108-88-3	Toluene	560	U
10061-02-6	trans-1,3-Dichloropropene	1100	U
79-00-5	1,1,2-Trichloroethane	1100	U
127-18-4	Tetrachloroethene	560	U
591-78-6	2-Hexanone	1100	U
126-48-1	Dibromochloromethane	1100	U
108-90-7	Chlorobenzene	560	U
100-41-4	Ethylbenzene	1100	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

163

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4413 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4413.13

Sample wt/vol: 9.4 (g/ml) G Lab File ID: VA006124.D

Level: (low/med) MED Date Received: 4/13/99

% Moisture: not dec. 52.52 Date Analyzed: 4/22/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	1700	U
1330-20-7	o-Xylene	1100	U
100-42-5	Styrene	1100	U
75-25-2	Bromoform	1100	U
79-34-5	1,1,2,2-Tetrachloroethane	1100	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

163

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4413 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4413.13

Sample wt/vol: 9.4 (g/ml) G Lab File ID: VA006124.D

Level: (low/med) MED Date Received: 4/13/99

% Moisture: not dec. 52.52 Date Analyzed: 4/22/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

164

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4413 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4413.15

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VA006125.D

Level: (low/med) MED Date Received: 4/13/99

% Moisture: not dec. 52.1 Date Analyzed: 4/22/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	3500	U
107131	Acrylonitrile	3500	U
75650	tert-Butyl alcohol	6600	U
1634044	Methyl-tert-Butyl ether	66	J
108203	Di-isopropyl ether	1000	U
	Dichlorodifluoromethane	2000	U
74-87-3	Chloromethane	500	U
75-01-4	Vinyl Chloride	1500	U
74-83-9	Bromomethane	1000	U
75-00-3	Chloroethane	1500	U
75-69-4	Trichlorofluoromethane	1000	U
75-35-4	1,1-Dichloroethene	500	U
67-64-1	Acetone	1100	
75-15-0	Carbon Disulfide	500	U
75-09-2	Methylene Chloride	1000	U
156-60-5	trans-1,2-Dichloroethene	1000	U
75-35-3	1,1-Dichloroethane	500	U
108-05-4	Vinyl Acetate	1500	U
78-93-3	2-Butanone	1500	U
	cis-1,2-Dichloroethene	500	U
67-66-3	Chloroform	500	U
75-55-6	1,1,1-Trichloroethane	500	U
56-23-5	Carbon Tetrachloride	1000	U
71-43-2	Benzene	500	U
107-06-2	1,2-Dichloroethane	1000	U
79-01-6	Trichloroethene	500	U
78-87-5	1,2-Dichloropropane	500	U
75-27-4	Bromodichloromethane	500	U
110-75-8	2-Chloroethyl vinyl ether	1000	U
10061-01-5	cis-1,3-Dichloropropene	500	U
108-10-1	4-Methyl-2-Pentanone	1000	U
108-88-3	Toluene	500	U
10061-02-6	trans-1,3-Dichloropropene	1000	U
79-00-5	1,1,2-Trichloroethane	1000	U
127-18-4	Tetrachloroethene	500	U
591-78-6	2-Hexanone	1000	U
126-48-1	Dibromochloromethane	1000	U
108-90-7	Chlorobenzene	500	U
100-41-4	Ethylbenzene	1000	U

1A

FIELD ID.

164

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4413 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4413.15

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VA006125.D

Level: (low/med) MED Date Received: 4/13/99

% Moisture: not dec. 52.1 Date Analyzed: 4/22/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	1500	U
1330-20-7	o-Xylene	1000	U
100-42-5	Styrene	1000	U
75-25-2	Bromoform	1000	U
79-34-5	1,1,2,2-Tetrachloroethane	1000	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

164

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4413 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4413.15

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VA006125.D

Level: (low/med) MED Date Received: 4/13/99

% Moisture: not dec. 52.1 Date Analyzed: 4/22/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

165

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4413 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4413.17

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006126.D

Level: (low/med) MED Date Received: 4/13/99

% Moisture: not dec. 30.73 Date Analyzed: 4/22/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
107028	Acrolein	2500	U
107131	Acrylonitrile	2500	U
75650	tert-Butyl alcohol	4700	U
1634044	Methyl-tert-Butyl ether	1100	U
108203	Di-isopropyl ether	720	U
	Dichlorodifluoromethane	1400	U
74-87-3	Chloromethane	360	U
75-01-4	Vinyl Chloride	1100	U
74-83-9	Bromomethane	720	U
75-00-3	Chloroethane	1100	U
75-69-4	Trichlorofluoromethane	720	U
75-35-4	1,1-Dichloroethene	360	U
67-64-1	Acetone	720	U
75-15-0	Carbon Disulfide	360	U
75-09-2	Methylene Chloride	720	U
156-60-5	trans-1,2-Dichloroethene	720	U
75-35-3	1,1-Dichloroethane	360	U
108-05-4	Vinyl Acetate	1100	U
78-93-3	2-Butanone	1100	U
	cis-1,2-Dichloroethene	360	U
67-66-3	Chloroform	360	U
75-55-6	1,1,1-Trichloroethane	360	U
56-23-5	Carbon Tetrachloride	720	U
71-43-2	Benzene	360	U
107-06-2	1,2-Dichloroethane	720	U
79-01-6	Trichloroethene	360	U
78-87-5	1,2-Dichloropropane	360	U
75-27-4	Bromodichloromethane	360	U
110-75-8	2-Chloroethyl vinyl ether	720	U
10061-01-5	cis-1,3-Dichloropropene	360	U
108-10-1	4-Methyl-2-Pentanone	720	U
108-88-3	Toluene	360	U
10061-02-6	trans-1,3-Dichloropropene	720	U
79-00-5	1,1,2-Trichloroethane	720	U
127-18-4	Tetrachloroethene	360	U
591-78-6	2-Hexanone	720	U
126-48-1	Dibromochloromethane	720	U
108-90-7	Chlorobenzene	360	U
100-41-4	Ethylbenzene	720	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

165

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4413 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4413.17

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006126.D

Level: (low/med) MED Date Received: 4/13/99

% Moisture: not dec. 30.73 Date Analyzed: 4/22/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	1100	U
1330-20-7	o-Xylene	720	U
100-42-5	Styrene	720	U
75-25-2	Bromoform	720	U
79-34-5	1,1,2,2-Tetrachloroethane	720	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

165

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4413 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4413.17

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006126.D

Level: (low/med) MED Date Received: 4/13/99

% Moisture: not dec. 30.73 Date Analyzed: 4/22/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 2

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	23.24	3800	J
2.	unknown	26.28	3200	J

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

166

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4413 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4413.19

Sample wt/vol: 9.5 (g/ml) G Lab File ID: VA006127.D

Level: (low/med) MED Date Received: 4/13/99

% Moisture: not dec. 22.33 Date Analyzed: 4/22/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2400	U
107131	Acrylonitrile	2400	U
75650	tert-Butyl alcohol	4400	U
1634044	Methyl-tert-Butyl ether	1000	U
108203	Di-isopropyl ether	680	U
	Dichlorodifluoromethane	1400	U
74-87-3	Chloromethane	340	U
75-01-4	Vinyl Chloride	1000	U
74-83-9	Bromomethane	680	U
75-00-3	Chloroethane	1000	U
75-69-4	Trichlorofluoromethane	680	U
75-35-4	1,1-Dichloroethene	340	U
67-64-1	Acetone	680	U
75-15-0	Carbon Disulfide	340	U
75-09-2	Methylene Chloride	680	U
156-60-5	trans-1,2-Dichloroethene	680	U
75-35-3	1,1-Dichloroethane	340	U
108-05-4	Vinyl Acetate	1000	U
78-93-3	2-Butanone	1000	U
	cis-1,2-Dichloroethene	340	U
67-66-3	Chloroform	340	U
75-55-6	1,1,1-Trichloroethane	340	U
56-23-5	Carbon Tetrachloride	680	U
71-43-2	Benzene	340	U
107-06-2	1,2-Dichloroethane	680	U
79-01-6	Trichloroethene	340	U
78-87-5	1,2-Dichloropropane	340	U
75-27-4	Bromodichloromethane	340	U
110-75-8	2-Chloroethyl vinyl ether	680	U
10061-01-5	cis-1,3-Dichloropropene	340	U
108-10-1	4-Methyl-2-Pentanone	680	U
108-88-3	Toluene	340	U
10061-02-6	trans-1,3-Dichloropropene	680	U
79-00-5	1,1,2-Trichloroethane	680	U
127-18-4	Tetrachloroethene	340	U
591-78-6	2-Hexanone	680	U
126-48-1	Dibromochloromethane	680	U
108-90-7	Chlorobenzene	340	U
100-41-4	Ethylbenzene	680	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

166

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4413 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4413.19

Sample wt/vol: 9.5 (g/ml) G Lab File ID: VA006127.D

Level: (low/med) MED Date Received: 4/13/99

% Moisture: not dec. 22.33 Date Analyzed: 4/22/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
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.

166

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4413 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4413.19

Sample wt/vol: 9.5 (g/ml) G Lab File ID: VA006127.D

Level: (low/med) MED Date Received: 4/13/99

% Moisture: not dec. 22.33 Date Analyzed: 4/22/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

001234

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

167

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4413 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4413.21

Sample wt/vol: 9.3 (g/ml) G Lab File ID: VA006128.D

Level: (low/med) MED Date Received: 4/13/99

% Moisture: not dec. 21.01 Date Analyzed: 4/22/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2400	U
107131	Acrylonitrile	2400	U
75650	tert-Butyl alcohol	4400	U
1634044	Methyl-tert-Butyl ether	1000	U
108203	Di-isopropyl ether	680	U
	Dichlorodifluoromethane	1400	U
74-87-3	Chloromethane	340	U
75-01-4	Vinyl Chloride	1000	U
74-83-9	Bromomethane	680	U
75-00-3	Chloroethane	1000	U
75-69-4	Trichlorofluoromethane	680	U
75-35-4	1,1-Dichloroethene	340	U
67-64-1	Acetone	680	U
75-15-0	Carbon Disulfide	340	U
75-09-2	Methylene Chloride	680	U
156-60-5	trans-1,2-Dichloroethene	680	U
75-35-3	1,1-Dichloroethane	340	U
108-05-4	Vinyl Acetate	1000	U
78-93-3	2-Butanone	1000	U
	cis-1,2-Dichloroethene	340	U
67-66-3	Chloroform	340	U
75-55-6	1,1,1-Trichloroethane	340	U
56-23-5	Carbon Tetrachloride	680	U
71-43-2	Benzene	340	U
107-06-2	1,2-Dichloroethane	680	U
79-01-6	Trichloroethene	340	U
78-87-5	1,2-Dichloropropane	340	U
75-27-4	Bromodichloromethane	340	U
110-75-8	2-Chloroethyl vinyl ether	680	U
10061-01-5	cis-1,3-Dichloropropene	340	U
108-10-1	4-Methyl-2-Pentanone	680	U
108-88-3	Toluene	340	U
10061-02-6	trans-1,3-Dichloropropene	680	U
79-00-5	1,1,2-Trichloroethane	680	U
127-18-4	Tetrachloroethene	340	U
591-78-6	2-Hexanone	680	U
126-48-1	Dibromochloromethane	680	U
108-90-7	Chlorobenzene	340	U
100-41-4	Ethylbenzene	680	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

167

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4413 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4413.21

Sample wt/vol: 9.3 (g/ml) G Lab File ID: VA006128.D

Level: (low/med) MED Date Received: 4/13/99

% Moisture: not dec. 21.01 Date Analyzed: 4/22/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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.

167

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4413 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4413.21

Sample wt/vol: 9.3 (g/ml) G Lab File ID: VA006128.D

Level: (low/med) MED Date Received: 4/13/99

% Moisture: not dec. 21.01 Date Analyzed: 4/22/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

168

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4413 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4413.23

Sample wt/vol: 10.8 (g/ml) G Lab File ID: VA006129.D

Level: (low/med) MED Date Received: 4/13/99

% Moisture: not dec. 15.91 Date Analyzed: 4/22/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3600	U
1634044	Methyl-tert-Butyl ether	830	U
108203	Di-isopropyl ether	550	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	830	U
74-83-9	Bromomethane	550	U
75-00-3	Chloroethane	830	U
75-69-4	Trichlorofluoromethane	550	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	550	U
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	550	U
156-60-5	trans-1,2-Dichloroethene	550	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	830	U
78-93-3	2-Butanone	830	U
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	280	U
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	550	U
71-43-2	Benzene	280	U
107-06-2	1,2-Dichloroethane	550	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	550	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	550	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	550	U
79-00-5	1,1,2-Trichloroethane	550	U
127-18-4	Tetrachloroethene	280	U
591-78-6	2-Hexanone	550	U
126-48-1	Dibromochloromethane	550	U
108-90-7	Chlorobenzene	280	U
100-41-4	Ethylbenzene	550	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

168

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4413 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4413.23

Sample wt/vol: 10.8 (g/ml) G Lab File ID: VA006129.D

Level: (low/med) MED Date Received: 4/13/99

% Moisture: not dec. 15.91 Date Analyzed: 4/22/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	830	U
1330-20-7	o-Xylene	550	U
100-42-5	Styrene	550	U
75-25-2	Bromoform	550	U
79-34-5	1,1,2,2-Tetrachloroethane	550	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

168

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4413 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4413.23

Sample wt/vol: 10.8 (g/ml) G Lab File ID: VA006129.D

Level: (low/med) MED Date Received: 4/13/99

% Moisture: not dec. 15.91 Date Analyzed: 4/22/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

169

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4413 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4413.25

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006130.D

Level: (low/med) MED Date Received: 4/13/99

% Moisture: not dec. 19.5 Date Analyzed: 4/22/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2200	U
107131	Acrylonitrile	2200	U
75650	tert-Butyl alcohol	4100	U
1634044	Methyl-tert-Butyl ether	940	U
108203	Di-isopropyl ether	620	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	310	U
75-01-4	Vinyl Chloride	940	U
74-83-9	Bromomethane	620	U
75-00-3	Chloroethane	940	U
75-69-4	Trichlorofluoromethane	620	U
75-35-4	1,1-Dichloroethene	310	U
67-64-1	Acetone	620	U
75-15-0	Carbon Disulfide	310	U
75-09-2	Methylene Chloride	620	U
156-60-5	trans-1,2-Dichloroethene	620	U
75-35-3	1,1-Dichloroethane	310	U
108-05-4	Vinyl Acetate	940	U
78-93-3	2-Butanone	940	U
	cis-1,2-Dichloroethene	310	U
67-66-3	Chloroform	310	U
75-55-6	1,1,1-Trichloroethane	310	U
56-23-5	Carbon Tetrachloride	620	U
71-43-2	Benzene	310	U
107-06-2	1,2-Dichloroethane	620	U
79-01-6	Trichloroethene	310	U
78-87-5	1,2-Dichloropropane	310	U
75-27-4	Bromodichloromethane	310	U
110-75-8	2-Chloroethyl vinyl ether	620	U
10061-01-5	cis-1,3-Dichloropropene	310	U
108-10-1	4-Methyl-2-Pentanone	620	U
108-88-3	Toluene	310	U
10061-02-6	trans-1,3-Dichloropropene	620	U
79-00-5	1,1,2-Trichloroethane	620	U
127-18-4	Tetrachloroethene	310	U
591-78-6	2-Hexanone	620	U
126-48-1	Dibromochloromethane	620	U
108-90-7	Chlorobenzene	310	U
100-41-4	Ethylbenzene	620	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

169

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4413 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4413.25

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006130.D

Level: (low/med) MED Date Received: 4/13/99

% Moisture: not dec. 19.5 Date Analyzed: 4/22/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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. 169

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4413 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4413.25

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006130.D

Level: (low/med) MED Date Received: 4/13/99

% Moisture: not dec. 19.5 Date Analyzed: 4/22/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	10.10	2000	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

170

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4413 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4413.27

Sample wt/vol: 9.1 (g/ml) G Lab File ID: VA006131.D

Level: (low/med) MED Date Received: 4/13/99

% Moisture: not dec. 17.67 Date Analyzed: 4/22/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2300	U
107131	Acrylonitrile	2300	U
75650	tert-Butyl alcohol	4400	U
1634044	Methyl-tert-Butyl ether	1000	U
108203	Di-isopropyl ether	670	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	340	U
75-01-4	Vinyl Chloride	1000	U
74-83-9	Bromomethane	670	U
75-00-3	Chloroethane	1000	U
75-69-4	Trichlorofluoromethane	670	U
75-35-4	1,1-Dichloroethene	340	U
67-64-1	Acetone	670	U
75-15-0	Carbon Disulfide	340	U
75-09-2	Methylene Chloride	670	U
156-60-5	trans-1,2-Dichloroethene	670	U
75-35-3	1,1-Dichloroethane	340	U
108-05-4	Vinyl Acetate	1000	U
78-93-3	2-Butanone	1000	U
	cis-1,2-Dichloroethene	340	U
67-66-3	Chloroform	340	U
75-55-6	1,1,1-Trichloroethane	340	U
56-23-5	Carbon Tetrachloride	670	U
71-43-2	Benzene	340	U
107-06-2	1,2-Dichloroethane	670	U
79-01-6	Trichloroethene	340	U
78-87-5	1,2-Dichloropropane	340	U
75-27-4	Bromodichloromethane	340	U
110-75-8	2-Chloroethyl vinyl ether	670	U
10061-01-5	cis-1,3-Dichloropropene	340	U
108-10-1	4-Methyl-2-Pentanone	670	U
108-88-3	Toluene	340	U
10061-02-6	trans-1,3-Dichloropropene	670	U
79-00-5	1,1,2-Trichloroethane	670	U
127-18-4	Tetrachloroethene	340	U
591-78-6	2-Hexanone	670	U
126-48-1	Dibromochloromethane	670	U
108-90-7	Chlorobenzene	340	U
100-41-4	Ethylbenzene	670	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

170

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4413 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4413.27

Sample wt/vol: 9.1 (g/ml) G Lab File ID: VA006131.D

Level: (low/med) MED Date Received: 4/13/99

% Moisture: not dec. 17.67 Date Analyzed: 4/22/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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.

170

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4413 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4413.27

Sample wt/vol: 9.1 (g/ml) G Lab File ID: VA006131.D

Level: (low/med) MED Date Received: 4/13/99

% Moisture: not dec. 17.67 Date Analyzed: 4/22/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

171

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4469 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4469.03

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VA006362.D

Level: (low/med) MED Date Received: 5/7/99

% Moisture: not dec. 8.28 Date Analyzed: 5/13/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil 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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

171

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4469 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4469.03

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VA006362.D

Level: (low/med) MED Date Received: 5/7/99

% Moisture: not dec. 8.28 Date Analyzed: 5/13/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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.

171

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4469 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4469.03

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VA006362.D

Level: (low/med) MED Date Received: 5/7/99

% Moisture: not dec. 8.28 Date Analyzed: 5/13/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	10.11	3700	JN

001245

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

172

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4469 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4469.05

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VA006363.D

Level: (low/med) MED Date Received: 5/7/99

% Moisture: not dec. 7.6 Date Analyzed: 5/13/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil 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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

172

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4469 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4469.05

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VA006363.D

Level: (low/med) MED Date Received: 5/7/99

% Moisture: not dec. 7.6 Date Analyzed: 5/13/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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.

172

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4469 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4469.05

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VA006363.D

Level: (low/med) MED Date Received: 5/7/99

% Moisture: not dec. 7.6 Date Analyzed: 5/13/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	10.11	3500	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

173

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4469 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4469.07

Sample wt/vol: 10.6 (g/ml) G Lab File ID: VA006364.D

Level: (low/med) MED Date Received: 5/7/99

% Moisture: not dec. 12.05 Date Analyzed: 5/13/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3500	U
1634044	Methyl-tert-Butyl ether	800	U
108203	Di-isopropyl ether	540	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	270	U
75-01-4	Vinyl Chloride	800	U
74-83-9	Bromomethane	540	U
75-00-3	Chloroethane	800	U
75-69-4	Trichlorofluoromethane	540	U
75-35-4	1,1-Dichloroethene	270	U
67-64-1	Acetone	540	U
75-15-0	Carbon Disulfide	270	U
75-09-2	Methylene Chloride	540	U
156-60-5	trans-1,2-Dichloroethene	540	U
75-35-3	1,1-Dichloroethane	270	U
108-05-4	Vinyl Acetate	800	U
78-93-3	2-Butanone	800	U
	cis-1,2-Dichloroethene	270	U
67-66-3	Chloroform	270	U
75-55-6	1,1,1-Trichloroethane	270	U
56-23-5	Carbon Tetrachloride	540	U
71-43-2	Benzene	270	U
107-06-2	1,2-Dichloroethane	540	U
79-01-6	Trichloroethene	270	U
78-87-5	1,2-Dichloropropane	270	U
75-27-4	Bromodichloromethane	270	U
110-75-8	2-Chloroethyl vinyl ether	540	U
10061-01-5	cis-1,3-Dichloropropene	270	U
108-10-1	4-Methyl-2-Pentanone	540	U
108-88-3	Toluene	270	U
10061-02-6	trans-1,3-Dichloropropene	540	U
79-00-5	1,1,2-Trichloroethane	540	U
127-18-4	Tetrachloroethene	270	U
591-78-6	2-Hexanone	540	U
126-48-1	Dibromochloromethane	540	U
108-90-7	Chlorobenzene	270	U
100-41-4	Ethylbenzene	540	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

173

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4469 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4469.07

Sample wt/vol: 10.6 (g/ml) G Lab File ID: VA006364.D

Level: (low/med) MED Date Received: 5/7/99

% Moisture: not dec. 12.05 Date Analyzed: 5/13/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	800	U
1330-20-7	o-Xylene	540	U
100-42-5	Styrene	540	U
75-25-2	Bromoform	540	U
79-34-5	1,1,2,2-Tetrachloroethane	540	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID. 173

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4469 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4469.07

Sample wt/vol: 10.6 (g/ml) G Lab File ID: VA006364.D

Level: (low/med) MED Date Received: 5/7/99

% Moisture: not dec. 12.05 Date Analyzed: 5/13/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	10.10	3600	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

174

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4469 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4469.09

Sample wt/vol: 10.5 (g/ml) G Lab File ID: VA006365.D

Level: (low/med) MED Date Received: 5/7/99

% Moisture: not dec. 22.03 Date Analyzed: 5/13/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	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

FIELD ID.

174

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4469 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4469.09

Sample wt/vol: 10.5 (g/ml) G Lab File ID: VA006365.D

Level: (low/med) MED Date Received: 5/7/99

% Moisture: not dec. 22.03 Date Analyzed: 5/13/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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. 174

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4469 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4469.09

Sample wt/vol: 10.5 (g/ml) G Lab File ID: VA006365.D

Level: (low/med) MED Date Received: 5/7/99

% Moisture: not dec. 22.03 Date Analyzed: 5/13/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	9.32	2300	J

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

175

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4469 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4469.11

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VA006366.D

Level: (low/med) MED Date Received: 5/7/99

% Moisture: not dec. 15.43 Date Analyzed: 5/13/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil 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

FIELD ID.

175

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4469 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4469.11

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VA006366.D

Level: (low/med) MED Date Received: 5/7/99

% Moisture: not dec. 15.43 Date Analyzed: 5/13/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
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. 175

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4469 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4469.11

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VA006366.D

Level: (low/med) MED Date Received: 5/7/99

% Moisture: not dec. 15.43 Date Analyzed: 5/13/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	10.10	2200	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

176

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4473 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4473.03

Sample wt/vol: 7.5 (g/ml) G Lab File ID: VA006409.D

Level: (low/med) MED Date Received: 5/10/99

% Moisture: not dec. 7.75 Date Analyzed: 5/17/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2500	U
107131	Acrylonitrile	2500	U
75650	tert-Butyl alcohol	4700	U
1634044	Methyl-tert-Butyl ether	1100	U
108203	Di-isopropyl ether	720	U
	Dichlorodifluoromethane	1400	U
74-87-3	Chloromethane	360	U
75-01-4	Vinyl Chloride	1100	U
74-83-9	Bromomethane	720	U
75-00-3	Chloroethane	1100	U
75-69-4	Trichlorofluoromethane	720	U
75-35-4	1,1-Dichloroethene	360	U
67-64-1	Acetone	720	U
75-15-0	Carbon Disulfide	360	U
75-09-2	Methylene Chloride	720	U
156-60-5	trans-1,2-Dichloroethene	720	U
75-35-3	1,1-Dichloroethane	360	U
108-05-4	Vinyl Acetate	1100	U
78-93-3	2-Butanone	1100	U
	cis-1,2-Dichloroethene	360	U
67-66-3	Chloroform	360	U
75-55-6	1,1,1-Trichloroethane	360	U
56-23-5	Carbon Tetrachloride	720	U
71-43-2	Benzene	360	U
107-06-2	1,2-Dichloroethane	720	U
79-01-6	Trichloroethene	360	U
78-87-5	1,2-Dichloropropane	360	U
75-27-4	Bromodichloromethane	360	U
110-75-8	2-Chloroethyl vinyl ether	720	U
10061-01-5	cis-1,3-Dichloropropene	360	U
108-10-1	4-Methyl-2-Pentanone	720	U
108-88-3	Toluene	360	U
10061-02-6	trans-1,3-Dichloropropene	720	U
79-00-5	1,1,2-Trichloroethane	720	U
127-18-4	Tetrachloroethene	360	U
591-78-6	2-Hexanone	720	U
126-48-1	Dibromochloromethane	720	U
108-90-7	Chlorobenzene	360	U
100-41-4	Ethylbenzene	720	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

176

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4473 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4473.03

Sample wt/vol: 7.5 (g/ml) G Lab File ID: VA006409.D

Level: (low/med) MED Date Received: 5/10/99

% Moisture: not dec. 7.75 Date Analyzed: 5/17/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	1100	U
1330-20-7	o-Xylene	720	U
100-42-5	Styrene	720	U
75-25-2	Bromoform	720	U
79-34-5	1,1,2,2-Tetrachloroethane	720	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID. 176

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4473 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4473.03

Sample wt/vol: 7.5 (g/ml) G Lab File ID: VA006409.D

Level: (low/med) MED Date Received: 5/10/99

% Moisture: not dec. 7.75 Date Analyzed: 5/17/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	10.10	5700	JN

1A

FIELD ID.

177

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4473 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4473.05

Sample wt/vol: 9.3 (g/ml) G Lab File ID: VA006410.D

Level: (low/med) MED Date Received: 5/10/99

% Moisture: not dec. 15.54 Date Analyzed: 5/17/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2200	U
107131	Acrylonitrile	2200	U
75650	tert-Butyl alcohol	4200	U
1634044	Methyl-tert-Butyl ether	960	U
108203	Di-isopropyl ether	640	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	320	U
75-01-4	Vinyl Chloride	960	U
74-83-9	Bromomethane	640	U
75-00-3	Chloroethane	960	U
75-69-4	Trichlorofluoromethane	640	U
75-35-4	1,1-Dichloroethene	320	U
67-64-1	Acetone	640	U
75-15-0	Carbon Disulfide	320	U
75-09-2	Methylene Chloride	640	U
156-60-5	trans-1,2-Dichloroethene	640	U
75-35-3	1,1-Dichloroethane	320	U
108-05-4	Vinyl Acetate	960	U
78-93-3	2-Butanone	960	U
	cis-1,2-Dichloroethene	320	U
67-66-3	Chloroform	320	U
75-55-6	1,1,1-Trichloroethane	320	U
56-23-5	Carbon Tetrachloride	640	U
71-43-2	Benzene	320	U
107-06-2	1,2-Dichloroethane	640	U
79-01-6	Trichloroethene	320	U
78-87-5	1,2-Dichloropropane	320	U
75-27-4	Bromodichloromethane	320	U
110-75-8	2-Chloroethyl vinyl ether	640	U
10061-01-5	cis-1,3-Dichloropropene	320	U
108-10-1	4-Methyl-2-Pentanone	640	U
108-88-3	Toluene	320	U
10061-02-6	trans-1,3-Dichloropropene	640	U
79-00-5	1,1,2-Trichloroethane	640	U
127-18-4	Tetrachloroethene	320	U
591-78-6	2-Hexanone	640	U
126-48-1	Dibromochloromethane	640	U
108-90-7	Chlorobenzene	320	U
100-41-4	Ethylbenzene	640	U

1A

FIELD ID.

177

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4473 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4473.05

Sample wt/vol: 9.3 (g/ml) G Lab File ID: VA006410.D

Level: (low/med) MED Date Received: 5/10/99

% Moisture: not dec. 15.54 Date Analyzed: 5/17/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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.

177

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4473 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4473.05

Sample wt/vol: 9.3 (g/ml) G Lab File ID: VA006410.D

Level: (low/med) MED Date Received: 5/10/99

% Moisture: not dec. 15.54 Date Analyzed: 5/17/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	10.10	4800	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

178

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4473 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4473.07

Sample wt/vol: 10.6 (g/ml) G Lab File ID: VA006411.D

Level: (low/med) MED Date Received: 5/10/99

% Moisture: not dec. 9.07 Date Analyzed: 5/17/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND		Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3400	U
1634044	Methyl-tert-Butyl ether	770	U
108203	Di-isopropyl ether	520	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	260	U
75-01-4	Vinyl Chloride	770	U
74-83-9	Bromomethane	520	U
75-00-3	Chloroethane	770	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	770	U
78-93-3	2-Butanone	770	U
	cis-1,2-Dichloroethene	260	U
67-66-3	Chloroform	260	U
75-55-6	1,1,1-Trichloroethane	260	U
56-23-5	Carbon Tetrachloride	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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

178

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4473 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4473.07

Sample wt/vol: 10.6 (g/ml) G Lab File ID: VA006411.D

Level: (low/med) MED Date Received: 5/10/99

% Moisture: not dec. 9.07 Date Analyzed: 5/17/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	770	U
1330-20-7	o-Xylene	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.

178

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4473 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4473.07

Sample wt/vol: 10.6 (g/ml) G Lab File ID: VA006411.D

Level: (low/med) MED Date Received: 5/10/99

% Moisture: not dec. 9.07 Date Analyzed: 5/17/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	10.10	3800	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

179

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4473 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4473.09

Sample wt/vol: 12.2 (g/ml) G Lab File ID: VA006401.D

Level: (low/med) MED Date Received: 5/10/99

% Moisture: not dec. 16.16 Date Analyzed: 5/17/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1700	U
107131	Acrylonitrile	1700	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	730	U
108203	Di-isopropyl ether	490	U
	Dichlorodifluoromethane	980	U
74-87-3	Chloromethane	240	U
75-01-4	Vinyl Chloride	730	U
74-83-9	Bromomethane	490	U
75-00-3	Chloroethane	730	U
75-69-4	Trichlorofluoromethane	490	U
75-35-4	1,1-Dichloroethene	240	U
67-64-1	Acetone	490	U
75-15-0	Carbon Disulfide	240	U
75-09-2	Methylene Chloride	1000	
156-60-5	trans-1,2-Dichloroethene	490	U
75-35-3	1,1-Dichloroethane	240	U
108-05-4	Vinyl Acetate	730	U
78-93-3	2-Butanone	730	U
	cis-1,2-Dichloroethene	240	U
67-66-3	Chloroform	240	U
75-55-6	1,1,1-Trichloroethane	240	U
56-23-5	Carbon Tetrachloride	490	U
71-43-2	Benzene	240	U
107-06-2	1,2-Dichloroethane	490	U
79-01-6	Trichloroethene	240	U
78-87-5	1,2-Dichloropropane	240	U
75-27-4	Bromodichloromethane	240	U
110-75-8	2-Chloroethyl vinyl ether	490	U
10061-01-5	cis-1,3-Dichloropropene	240	U
108-10-1	4-Methyl-2-Pentanone	490	U
108-88-3	Toluene	240	U
10061-02-6	trans-1,3-Dichloropropene	490	U
79-00-5	1,1,2-Trichloroethane	490	U
127-18-4	Tetrachloroethene	240	U
591-78-6	2-Hexanone	490	U
126-48-1	Dibromochloromethane	490	U
108-90-7	Chlorobenzene	240	U
100-41-4	Ethylbenzene	490	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

179

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4473 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4473.09

Sample wt/vol: 12.2 (g/ml) G Lab File ID: VA006401.D

Level: (low/med) MED Date Received: 5/10/99

% Moisture: not dec. 16.16 Date Analyzed: 5/17/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	730	U
1330-20-7	o-Xylene	490	U
100-42-5	Styrene	490	U
75-25-2	Bromoform	490	U
79-34-5	1,1,2,2-Tetrachloroethane	490	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID. 179

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4473 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4473.09

Sample wt/vol: 12.2 (g/ml) G Lab File ID: VA006401.D

Level: (low/med) MED Date Received: 5/10/99

% Moisture: not dec. 16.16 Date Analyzed: 5/17/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	10.09	1800	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

180

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4473 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4473.11

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VA006402.D

Level: (low/med) MED Date Received: 5/10/99

% Moisture: not dec. 10.91 Date Analyzed: 5/17/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3600	U
1634044	Methyl-tert-Butyl ether	830	U
108203	Di-isopropyl ether	550	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	830	U
74-83-9	Bromomethane	550	U
75-00-3	Chloroethane	830	U
75-69-4	Trichlorofluoromethane	550	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	550	U
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	550	U
156-60-5	trans-1,2-Dichloroethene	550	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	830	U
78-93-3	2-Butanone	830	U
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	280	U
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	550	U
71-43-2	Benzene	280	U
107-06-2	1,2-Dichloroethane	550	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	550	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	550	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	550	U
79-00-5	1,1,2-Trichloroethane	550	U
127-18-4	Tetrachloroethene	280	U
591-78-6	2-Hexanone	550	U
126-48-1	Dibromochloromethane	550	U
108-90-7	Chlorobenzene	280	U
100-41-4	Ethylbenzene	550	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

180

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4473 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4473.11

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VA006402.D

Level: (low/med) MED Date Received: 5/10/99

% Moisture: not dec. 10.91 Date Analyzed: 5/17/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	830	U
1330-20-7	o-Xylene	550	U
100-42-5	Styrene	550	U
75-25-2	Bromoform	550	U
79-34-5	1,1,2,2-Tetrachloroethane	550	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

180

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4473 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4473.11

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VA006402.D

Level: (low/med) MED Date Received: 5/10/99

% Moisture: not dec. 10.91 Date Analyzed: 5/17/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	10.10	2000	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

181

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4473 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4473.15

Sample wt/vol: 9.5 (g/ml) G Lab File ID: VA006404.D

Level: (low/med) MED Date Received: 5/10/99

% Moisture: not dec. 13.67 Date Analyzed: 5/17/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil 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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

181

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4473 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4473.15

Sample wt/vol: 9.5 (g/ml) G Lab File ID: VA006404.D

Level: (low/med) MED Date Received: 5/10/99

% Moisture: not dec. 13.67 Date Analyzed: 5/17/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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.

181

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4473 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4473.15

Sample wt/vol: 9.5 (g/ml) G Lab File ID: VA006404.D

Level: (low/med) MED Date Received: 5/10/99

% Moisture: not dec. 13.67 Date Analyzed: 5/17/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

182

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4473 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4473.17

Sample wt/vol: 8.4 (g/ml) G Lab File ID: VA006405.D

Level: (low/med) MED Date Received: 5/10/99

% Moisture: not dec. 18.4 Date Analyzed: 5/17/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2500	U
107131	Acrylonitrile	2500	U
75650	tert-Butyl alcohol	4700	U
1634044	Methyl-tert-Butyl ether	1100	U
108203	Di-isopropyl ether	720	U
	Dichlorodifluoromethane	1400	U
74-87-3	Chloromethane	360	U
75-01-4	Vinyl Chloride	1100	U
74-83-9	Bromomethane	720	U
75-00-3	Chloroethane	1100	U
75-69-4	Trichlorofluoromethane	720	U
75-35-4	1,1-Dichloroethene	360	U
67-64-1	Acetone	720	U
75-15-0	Carbon Disulfide	360	U
75-09-2	Methylene Chloride	720	U
156-60-5	trans-1,2-Dichloroethene	720	U
75-35-3	1,1-Dichloroethane	360	U
108-05-4	Vinyl Acetate	1100	U
78-93-3	2-Butanone	1100	U
	cis-1,2-Dichloroethene	360	U
67-66-3	Chloroform	360	U
75-55-6	1,1,1-Trichloroethane	360	U
56-23-5	Carbon Tetrachloride	720	U
71-43-2	Benzene	360	U
107-06-2	1,2-Dichloroethane	720	U
79-01-6	Trichloroethene	360	U
78-87-5	1,2-Dichloropropane	360	U
75-27-4	Bromodichloromethane	360	U
110-75-8	2-Chloroethyl vinyl ether	720	U
10061-01-5	cis-1,3-Dichloropropene	360	U
108-10-1	4-Methyl-2-Pentanone	720	U
108-88-3	Toluene	360	U
10061-02-6	trans-1,3-Dichloropropene	720	U
79-00-5	1,1,2-Trichloroethane	720	U
127-18-4	Tetrachloroethene	360	U
591-78-6	2-Hexanone	720	U
126-48-1	Dibromochloromethane	720	U
108-90-7	Chlorobenzene	360	U
100-41-4	Ethylbenzene	720	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

182

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4473 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4473.17

Sample wt/vol: 8.4 (g/ml) G Lab File ID: VA006405.D

Level: (low/med) MED Date Received: 5/10/99

% Moisture: not dec. 18.4 Date Analyzed: 5/17/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

1330-20-7	m+p-Xylenes	1100	U
1330-20-7	o-Xylene	720	U
100-42-5	Styrene	720	U
75-25-2	Bromoform	720	U
79-34-5	1,1,2,2-Tetrachloroethane	720	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID. 182

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4473 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4473.17

Sample wt/vol: 8.4 (g/ml) G Lab File ID: VA006405.D

Level: (low/med) MED Date Received: 5/10/99

% Moisture: not dec. 18.4 Date Analyzed: 5/17/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	10.10	4200	JN

1A

FIELD ID.

183

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4473 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4473.19

Sample wt/vol: 9.0 (g/ml) G Lab File ID: VA006406.D

Level: (low/med) MED Date Received: 5/10/99

% Moisture: not dec. 12.51 Date Analyzed: 5/17/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2200	U
107131	Acrylonitrile	2200	U
75650	tert-Butyl alcohol	4200	U
1634044	Methyl-tert-Butyl ether	960	U
108203	Di-isopropyl ether	640	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	320	U
75-01-4	Vinyl Chloride	960	U
74-83-9	Bromomethane	640	U
75-00-3	Chloroethane	960	U
75-69-4	Trichlorofluoromethane	640	U
75-35-4	1,1-Dichloroethene	320	U
67-64-1	Acetone	640	U
75-15-0	Carbon Disulfide	320	U
75-09-2	Methylene Chloride	640	U
156-60-5	trans-1,2-Dichloroethene	640	U
75-35-3	1,1-Dichloroethane	320	U
108-05-4	Vinyl Acetate	960	U
78-93-3	2-Butanone	960	U
	cis-1,2-Dichloroethene	320	U
67-66-3	Chloroform	320	U
75-55-6	1,1,1-Trichloroethane	320	U
56-23-5	Carbon Tetrachloride	640	U
71-43-2	Benzene	320	U
107-06-2	1,2-Dichloroethane	640	U
79-01-6	Trichloroethene	320	U
78-87-5	1,2-Dichloropropane	320	U
75-27-4	Bromodichloromethane	320	U
110-75-8	2-Chloroethyl vinyl ether	640	U
10061-01-5	cis-1,3-Dichloropropene	320	U
108-10-1	4-Methyl-2-Pentanone	640	U
108-88-3	Toluene	320	U
10061-02-6	trans-1,3-Dichloropropene	640	U
79-00-5	1,1,2-Trichloroethane	640	U
127-18-4	Tetrachloroethene	320	U
591-78-6	2-Hexanone	640	U
126-48-1	Dibromochloromethane	640	U
108-90-7	Chlorobenzene	320	U
100-41-4	Ethylbenzene	640	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

183

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4473 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4473.19

Sample wt/vol: 9.0 (g/ml) G Lab File ID: VA006406.D

Level: (low/med) MED Date Received: 5/10/99

% Moisture: not dec. 12.51 Date Analyzed: 5/17/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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.

183

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4473 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4473.19

Sample wt/vol: 9.0 (g/ml) G Lab File ID: VA006406.D

Level: (low/med) MED Date Received: 5/10/99

% Moisture: not dec. 12.51 Date Analyzed: 5/17/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	10.10	4000	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

184

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4473 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4473.21

Sample wt/vol: 8.7 (g/ml) G Lab File ID: VA006407.D

Level: (low/med) MED Date Received: 5/10/99

% Moisture: not dec. 15.57 Date Analyzed: 5/17/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil 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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

184

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4473 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4473.21

Sample wt/vol: 8.7 (g/ml) G Lab File ID: VA006407.D

Level: (low/med) MED Date Received: 5/10/99

% Moisture: not dec. 15.57 Date Analyzed: 5/17/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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.

184

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4473 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4473.21

Sample wt/vol: 8.7 (g/ml) G Lab File ID: VA006407.D

Level: (low/med) MED Date Received: 5/10/99

% Moisture: not dec. 15.57 Date Analyzed: 5/17/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	10.10	2700	JN

1A

FIELD ID.

185

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4474 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4474.03

Sample wt/vol: 8.8 (g/ml) G Lab File ID: VC000121.D

Level: (low/med) MED Date Received: 5/11/99

% Moisture: not dec. 11.65 Date Analyzed: 5/20/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil 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	2900	
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

FIELD ID.

185

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4474 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4474.03

Sample wt/vol: 8.8 (g/ml) G Lab File ID: VC000121.D

Level: (low/med) MED Date Received: 5/11/99

% Moisture: not dec. 11.65 Date Analyzed: 5/20/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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.

185

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4474 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4474.03

Sample wt/vol: 8.8 (g/ml) G Lab File ID: VC000121.D

Level: (low/med) MED Date Received: 5/11/99

% Moisture: not dec. 11.65 Date Analyzed: 5/20/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000075-21-8	Ethylene oxide	6.83	1200	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

186

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4474 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4474.05

Sample wt/vol: 7.4 (g/ml) G Lab File ID: VC000122.D

Level: (low/med) MED Date Received: 5/11/99

% Moisture: not dec. 6.09 Date Analyzed: 5/20/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2500	U
107131	Acrylonitrile	2500	U
75650	tert-Butyl alcohol	4700	U
1634044	Methyl-tert-Butyl ether	1100	U
108203	Di-isopropyl ether	720	U
	Dichlorodifluoromethane	1400	U
74-87-3	Chloromethane	360	U
75-01-4	Vinyl Chloride	1100	U
74-83-9	Bromomethane	720	U
75-00-3	Chloroethane	1100	U
75-69-4	Trichlorofluoromethane	720	U
75-35-4	1,1-Dichloroethene	360	U
67-64-1	Acetone	720	U
75-15-0	Carbon Disulfide	360	U
75-09-2	Methylene Chloride	7600	
156-60-5	trans-1,2-Dichloroethene	720	U
75-35-3	1,1-Dichloroethane	360	U
108-05-4	Vinyl Acetate	1100	U
78-93-3	2-Butanone	1100	U
	cis-1,2-Dichloroethene	360	U
67-66-3	Chloroform	360	U
75-55-6	1,1,1-Trichloroethane	360	U
56-23-5	Carbon Tetrachloride	720	U
71-43-2	Benzene	360	U
107-06-2	1,2-Dichloroethane	720	U
79-01-6	Trichloroethene	360	U
78-87-5	1,2-Dichloropropane	360	U
75-27-4	Bromodichloromethane	360	U
110-75-8	2-Chloroethyl vinyl ether	720	U
10061-01-5	cis-1,3-Dichloropropene	360	U
108-10-1	4-Methyl-2-Pentanone	720	U
108-88-3	Toluene	360	U
10061-02-6	trans-1,3-Dichloropropene	720	U
79-00-5	1,1,2-Trichloroethane	720	U
127-18-4	Tetrachloroethene	360	U
591-78-6	2-Hexanone	720	U
126-48-1	Dibromochloromethane	720	U
108-90-7	Chlorobenzene	360	U
100-41-4	Ethylbenzene	720	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

186

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4474 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4474.05

Sample wt/vol: 7.4 (g/ml) G Lab File ID: VC000122.D

Level: (low/med) MED Date Received: 5/11/99

% Moisture: not dec. 6.09 Date Analyzed: 5/20/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

1330-20-7	m+p-Xylenes	1100	U
1330-20-7	o-Xylene	720	U
100-42-5	Styrene	720	U
75-25-2	Bromoform	720	U
79-34-5	1,1,2,2-Tetrachloroethane	720	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

186

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4474 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4474.05

Sample wt/vol: 7.4 (g/ml) G Lab File ID: VC000122.D

Level: (low/med) MED Date Received: 5/11/99

% Moisture: not dec. 6.09 Date Analyzed: 5/20/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

187

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4474 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4474.07

Sample wt/vol: 12.1 (g/ml) G Lab File ID: VC000123.D

Level: (low/med) MED Date Received: 5/11/99

% Moisture: not dec. 7.72 Date Analyzed: 5/20/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1600	U
107131	Acrylonitrile	1600	U
75650	tert-Butyl alcohol	2900	U
1634044	Methyl-tert-Butyl ether	670	U
108203	Di-isopropyl ether	450	U
	Dichlorodifluoromethane	900	U
74-87-3	Chloromethane	220	U
75-01-4	Vinyl Chloride	670	U
74-83-9	Bromomethane	450	U
75-00-3	Chloroethane	670	U
75-69-4	Trichlorofluoromethane	450	U
75-35-4	1,1-Dichloroethene	220	U
67-64-1	Acetone	450	U
75-15-0	Carbon Disulfide	220	U
75-09-2	Methylene Chloride	1300	
156-60-5	trans-1,2-Dichloroethene	450	U
75-35-3	1,1-Dichloroethane	220	U
108-05-4	Vinyl Acetate	670	U
78-93-3	2-Butanone	670	U
	cis-1,2-Dichloroethene	220	U
67-66-3	Chloroform	220	U
75-55-6	1,1,1-Trichloroethane	220	U
56-23-5	Carbon Tetrachloride	450	U
71-43-2	Benzene	220	U
107-06-2	1,2-Dichloroethane	450	U
79-01-6	Trichloroethene	220	U
78-87-5	1,2-Dichloropropane	220	U
75-27-4	Bromodichloromethane	220	U
110-75-8	2-Chloroethyl vinyl ether	450	U
10061-01-5	cis-1,3-Dichloropropene	220	U
108-10-1	4-Methyl-2-Pentanone	450	U
108-88-3	Toluene	220	U
10061-02-6	trans-1,3-Dichloropropene	450	U
79-00-5	1,1,2-Trichloroethane	450	U
127-18-4	Tetrachloroethene	220	U
591-78-6	2-Hexanone	450	U
126-48-1	Dibromochloromethane	450	U
108-90-7	Chlorobenzene	220	U
100-41-4	Ethylbenzene	450	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

187

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4474 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4474.07

Sample wt/vol: 12.1 (g/ml) G Lab File ID: VC000123.D

Level: (low/med) MED Date Received: 5/11/99

% Moisture: not dec. 7.72 Date Analyzed: 5/20/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	670	U
1330-20-7	o-Xylene	450	U
100-42-5	Styrene	450	U
75-25-2	Bromoform	450	U
79-34-5	1,1,2,2-Tetrachloroethane	450	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID. 187

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4474 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4474.07

Sample wt/vol: 12.1 (g/ml) G Lab File ID: VC000123.D

Level: (low/med) MED Date Received: 5/11/99

% Moisture: not dec. 7.72 Date Analyzed: 5/20/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

188

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4474 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4474.09

Sample wt/vol: 11.6 (g/ml) G Lab File ID: VC000124.D

Level: (low/med) MED Date Received: 5/11/99

% Moisture: not dec. 14.15 Date Analyzed: 5/20/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3300	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

188

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4474 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4474.09

Sample wt/vol: 11.6 (g/ml) G Lab File ID: VC000124.D

Level: (low/med) MED Date Received: 5/11/99

% Moisture: not dec. 14.15 Date Analyzed: 5/20/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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.

188

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4474 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4474.09

Sample wt/vol: 11.6 (g/ml) G Lab File ID: VC000124.D

Level: (low/med) MED Date Received: 5/11/99

% Moisture: not dec. 14.15 Date Analyzed: 5/20/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

001300

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

189

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4474 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4474.11

Sample wt/vol: 7.9 (g/ml) G Lab File ID: VC000125.D

Level: (low/med) MED Date Received: 5/11/99

% Moisture: not dec. 8.91 Date Analyzed: 5/20/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil 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	350	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	350	U
67-64-1	Acetone	690	U
75-15-0	Carbon Disulfide	350	U
75-09-2	Methylene Chloride	620	J
156-60-5	trans-1,2-Dichloroethene	690	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	690	U
71-43-2	Benzene	350	U
107-06-2	1,2-Dichloroethane	690	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	690	U
10061-01-5	cis-1,3-Dichloropropene	350	U
108-10-1	4-Methyl-2-Pentanone	690	U
108-88-3	Toluene	350	U
10061-02-6	trans-1,3-Dichloropropene	690	U
79-00-5	1,1,2-Trichloroethane	690	U
127-18-4	Tetrachloroethene	350	U
591-78-6	2-Hexanone	690	U
126-48-1	Dibromochloromethane	690	U
108-90-7	Chlorobenzene	350	U
100-41-4	Ethylbenzene	690	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

189

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4474 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4474.11

Sample wt/vol: 7.9 (g/ml) G Lab File ID: VC000125.D

Level: (low/med) MED Date Received: 5/11/99

% Moisture: not dec. 8.91 Date Analyzed: 5/20/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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.

189

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4474 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4474.11

Sample wt/vol: 7.9 (g/ml) G Lab File ID: VC000125.D

Level: (low/med) MED Date Received: 5/11/99

% Moisture: not dec. 8.91 Date Analyzed: 5/20/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

190

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4474 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4474.15

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VC000127.D

Level: (low/med) MED Date Received: 5/11/99

% Moisture: not dec. 11.69 Date Analyzed: 5/20/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3600	U
1634044	Methyl-tert-Butyl ether	830	U
108203	Di-isopropyl ether	550	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	830	U
74-83-9	Bromomethane	550	U
75-00-3	Chloroethane	830	U
75-69-4	Trichlorofluoromethane	550	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	550	U
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	950	
156-60-5	trans-1,2-Dichloroethene	550	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	830	U
78-93-3	2-Butanone	830	U
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	280	U
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	550	U
71-43-2	Benzene	280	U
107-06-2	1,2-Dichloroethane	550	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	550	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	550	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	550	U
79-00-5	1,1,2-Trichloroethane	550	U
127-18-4	Tetrachloroethene	280	U
591-78-6	2-Hexanone	550	U
126-48-1	Dibromochloromethane	550	U
108-90-7	Chlorobenzene	280	U
100-41-4	Ethylbenzene	550	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

190

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4474 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4474.15

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VC000127.D

Level: (low/med) MED Date Received: 5/11/99

% Moisture: not dec. 11.69 Date Analyzed: 5/20/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	830	U
1330-20-7	o-Xylene	550	U
100-42-5	Styrene	550	U
75-25-2	Bromoform	550	U
79-34-5	1,1,2,2-Tetrachloroethane	550	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

190

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4474 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4474.15

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VC000127.D

Level: (low/med) MED Date Received: 5/11/99

% Moisture: not dec. 11.69 Date Analyzed: 5/20/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

191

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4474 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4474.17

Sample wt/vol: 9.3 (g/ml) G Lab File ID: VC000128.D

Level: (low/med) MED Date Received: 5/11/99

% Moisture: not dec. 12.39 Date Analyzed: 5/20/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil 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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

191

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4474 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4474.17

Sample wt/vol: 9.3 (g/ml) G Lab File ID: VC000128.D

Level: (low/med) MED Date Received: 5/11/99

% Moisture: not dec. 12.39 Date Analyzed: 5/20/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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.

191

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4474 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4474.17

Sample wt/vol: 9.3 (g/ml) G Lab File ID: VC000128.D

Level: (low/med) MED Date Received: 5/11/99

% Moisture: not dec. 12.39 Date Analyzed: 5/20/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

192

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4474 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4474.19

Sample wt/vol: 7.8 (g/ml) G Lab File ID: VC000129.D

Level: (low/med) MED Date Received: 5/11/99

% Moisture: not dec. 11.41 Date Analyzed: 5/20/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2500	U
107131	Acrylonitrile	2500	U
75650	tert-Butyl alcohol	4700	U
1634044	Methyl-tert-Butyl ether	1100	U
108203	Di-isopropyl ether	720	U
	Dichlorodifluoromethane	1400	U
74-87-3	Chloromethane	360	U
75-01-4	Vinyl Chloride	1100	U
74-83-9	Bromomethane	720	U
75-00-3	Chloroethane	1100	U
75-69-4	Trichlorofluoromethane	720	U
75-35-4	1,1-Dichloroethene	360	U
67-64-1	Acetone	720	U
75-15-0	Carbon Disulfide	360	U
75-09-2	Methylene Chloride	720	U
156-60-5	trans-1,2-Dichloroethene	720	U
75-35-3	1,1-Dichloroethane	360	U
108-05-4	Vinyl Acetate	1100	U
78-93-3	2-Butanone	1100	U
	cis-1,2-Dichloroethene	360	U
67-66-3	Chloroform	360	U
75-55-6	1,1,1-Trichloroethane	360	U
56-23-5	Carbon Tetrachloride	720	U
71-43-2	Benzene	360	U
107-06-2	1,2-Dichloroethane	720	U
79-01-6	Trichloroethene	360	U
78-87-5	1,2-Dichloropropane	360	U
75-27-4	Bromodichloromethane	360	U
110-75-8	2-Chloroethyl vinyl ether	720	U
10061-01-5	cis-1,3-Dichloropropene	360	U
108-10-1	4-Methyl-2-Pentanone	720	U
108-88-3	Toluene	360	U
10061-02-6	trans-1,3-Dichloropropene	720	U
79-00-5	1,1,2-Trichloroethane	720	U
127-18-4	Tetrachloroethene	360	U
591-78-6	2-Hexanone	720	U
126-48-1	Dibromochloromethane	720	U
108-90-7	Chlorobenzene	360	U
100-41-4	Ethylbenzene	720	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

192

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4474 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4474.19

Sample wt/vol: 7.8 (g/ml) G Lab File ID: VC000129.D

Level: (low/med) MED Date Received: 5/11/99

% Moisture: not dec. 11.41 Date Analyzed: 5/20/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	1100	U
1330-20-7	o-Xylene	720	U
100-42-5	Styrene	720	U
75-25-2	Bromoform	720	U
79-34-5	1,1,2,2-Tetrachloroethane	720	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

192

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4474 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4474.19

Sample wt/vol: 7.8 (g/ml) G Lab File ID: VC000129.D

Level: (low/med) MED Date Received: 5/11/99

% Moisture: not dec. 11.41 Date Analyzed: 5/20/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

193

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4474 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4474.21

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VC000130.D

Level: (low/med) MED Date Received: 5/11/99

% Moisture: not dec. 11.35 Date Analyzed: 5/20/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3600	U
1634044	Methyl-tert-Butyl ether	820	U
108203	Di-isopropyl ether	550	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	270	U
75-01-4	Vinyl Chloride	820	U
74-83-9	Bromomethane	550	U
75-00-3	Chloroethane	820	U
75-69-4	Trichlorofluoromethane	550	U
75-35-4	1,1-Dichloroethene	270	U
67-64-1	Acetone	550	U
75-15-0	Carbon Disulfide	270	U
75-09-2	Methylene Chloride	550	U
156-60-5	trans-1,2-Dichloroethene	550	U
75-35-3	1,1-Dichloroethane	270	U
108-05-4	Vinyl Acetate	820	U
78-93-3	2-Butanone	820	U
	cis-1,2-Dichloroethene	270	U
67-66-3	Chloroform	270	U
75-55-6	1,1,1-Trichloroethane	270	U
56-23-5	Carbon Tetrachloride	550	U
71-43-2	Benzene	270	U
107-06-2	1,2-Dichloroethane	550	U
79-01-6	Trichloroethene	270	U
78-87-5	1,2-Dichloropropane	270	U
75-27-4	Bromodichloromethane	270	U
110-75-8	2-Chloroethyl vinyl ether	550	U
10061-01-5	cis-1,3-Dichloropropene	270	U
108-10-1	4-Methyl-2-Pentanone	550	U
108-88-3	Toluene	270	U
10061-02-6	trans-1,3-Dichloropropene	550	U
79-00-5	1,1,2-Trichloroethane	550	U
127-18-4	Tetrachloroethene	270	U
591-78-6	2-Hexanone	550	U
126-48-1	Dibromochloromethane	550	U
108-90-7	Chlorobenzene	270	U
100-41-4	Ethylbenzene	550	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

193

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4474 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4474.21

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VC000130.D

Level: (low/med) MED Date Received: 5/11/99

% Moisture: not dec. 11.35 Date Analyzed: 5/20/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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.

193

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4474 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4474.21

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VC000130.D

Level: (low/med) MED Date Received: 5/11/99

% Moisture: not dec. 11.35 Date Analyzed: 5/20/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

194

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4474 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4474.23

Sample wt/vol: 9.3 (g/ml) G Lab File ID: VC000131.D

Level: (low/med) MED Date Received: 5/11/99

% Moisture: not dec. 7.23 Date Analyzed: 5/20/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil 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

FIELD ID.

194

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4474 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4474.23

Sample wt/vol: 9.3 (g/ml) G Lab File ID: VC000131.D

Level: (low/med) MED Date Received: 5/11/99

% Moisture: not dec. 7.23 Date Analyzed: 5/20/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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.

194

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4474 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4474.23

Sample wt/vol: 9.3 (g/ml) G Lab File ID: VC000131.D

Level: (low/med) MED Date Received: 5/11/99

% Moisture: not dec. 7.23 Date Analyzed: 5/20/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

195

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4474 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4474.25

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VC000132.D

Level: (low/med) MED Date Received: 5/11/99

% Moisture: not dec. 14.12 Date Analyzed: 5/20/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil 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

FIELD ID.

195

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4474 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4474.25

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VC000132.D

Level: (low/med) MED Date Received: 5/11/99

% Moisture: not dec. 14.12 Date Analyzed: 5/20/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
1330-20-7	m+p-Xylenes	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. **195**

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4474 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4474.25

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VC000132.D

Level: (low/med) MED Date Received: 5/11/99

% Moisture: not dec. 14.12 Date Analyzed: 5/20/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

196

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4481 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4481.03

Sample wt/vol: 10.5 (g/ml) G Lab File ID: VA006436.D

Level: (low/med) MED Date Received: 5/13/99

% Moisture: not dec. 10.47 Date Analyzed: 5/19/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3400	U
1634044	Methyl-tert-Butyl ether	790	U
108203	Di-isopropyl ether	530	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	260	U
75-01-4	Vinyl Chloride	790	U
74-83-9	Bromomethane	530	U
75-00-3	Chloroethane	790	U
75-69-4	Trichlorofluoromethane	530	U
75-35-4	1,1-Dichloroethene	260	U
67-64-1	Acetone	530	U
75-15-0	Carbon Disulfide	260	U
75-09-2	Methylene Chloride	1600	
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

FIELD ID.

196

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4481 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4481.03

Sample wt/vol: 10.5 (g/ml) G Lab File ID: VA006436.D

Level: (low/med) MED Date Received: 5/13/99

% Moisture: not dec. 10.47 Date Analyzed: 5/19/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
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. **196**

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4481 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4481.03

Sample wt/vol: 10.5 (g/ml) G Lab File ID: VA006436.D

Level: (low/med) MED Date Received: 5/13/99

% Moisture: not dec. 10.47 Date Analyzed: 5/19/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

197

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4481 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4481.05

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VA006437.D

Level: (low/med) MED Date Received: 5/13/99

% Moisture: not dec. 16.02 Date Analyzed: 5/19/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil 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	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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

197

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4481 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4481.05

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VA006437.D

Level: (low/med) MED Date Received: 5/13/99

% Moisture: not dec. 16.02 Date Analyzed: 5/19/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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. 197

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4481 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4481.05

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VA006437.D

Level: (low/med) MED Date Received: 5/13/99

% Moisture: not dec. 16.02 Date Analyzed: 5/19/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	10.10	5500	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

198

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4481 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4481.07

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VA006438.D

Level: (low/med) MED Date Received: 5/13/99

% Moisture: not dec. 19.82 Date Analyzed: 5/19/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2200	U
107131	Acrylonitrile	2200	U
75650	tert-Butyl alcohol	4100	U
1634044	Methyl-tert-Butyl ether	940	U
108203	Di-isopropyl ether	630	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	310	U
75-01-4	Vinyl Chloride	940	U
74-83-9	Bromomethane	630	U
75-00-3	Chloroethane	940	U
75-69-4	Trichlorofluoromethane	630	U
75-35-4	1,1-Dichloroethene	310	U
67-64-1	Acetone	630	U
75-15-0	Carbon Disulfide	310	U
75-09-2	Methylene Chloride	630	U
156-60-5	trans-1,2-Dichloroethene	630	U
75-35-3	1,1-Dichloroethane	310	U
108-05-4	Vinyl Acetate	940	U
78-93-3	2-Butanone	940	U
	cis-1,2-Dichloroethene	310	U
67-66-3	Chloroform	310	U
75-55-6	1,1,1-Trichloroethane	310	U
56-23-5	Carbon Tetrachloride	630	U
71-43-2	Benzene	310	U
107-06-2	1,2-Dichloroethane	630	U
79-01-6	Trichloroethene	310	U
78-87-5	1,2-Dichloropropane	310	U
75-27-4	Bromodichloromethane	310	U
110-75-8	2-Chloroethyl vinyl ether	630	U
10061-01-5	cis-1,3-Dichloropropene	310	U
108-10-1	4-Methyl-2-Pentanone	630	U
108-88-3	Toluene	310	U
10061-02-6	trans-1,3-Dichloropropene	630	U
79-00-5	1,1,2-Trichloroethane	630	U
127-18-4	Tetrachloroethene	310	U
591-78-6	2-Hexanone	630	U
126-48-1	Dibromochloromethane	630	U
108-90-7	Chlorobenzene	310	U
100-41-4	Ethylbenzene	630	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

198

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4481 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4481.07

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VA006438.D

Level: (low/med) MED Date Received: 5/13/99

% Moisture: not dec. 19.82 Date Analyzed: 5/19/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
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.

198

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4481 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4481.07

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VA006438.D

Level: (low/med) MED Date Received: 5/13/99

% Moisture: not dec. 19.82 Date Analyzed: 5/19/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	10.10	2900	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

199

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4481 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4481.09

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VA006439.D

Level: (low/med) MED Date Received: 5/13/99

% Moisture: not dec. 16.77 Date Analyzed: 5/19/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

199

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4481 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4481.09

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VA006439.D

Level: (low/med) MED Date Received: 5/13/99

% Moisture: not dec. 16.77 Date Analyzed: 5/19/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
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.

199

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4481 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4481.09

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VA006439.D

Level: (low/med) MED Date Received: 5/13/99

% Moisture: not dec. 16.77 Date Analyzed: 5/19/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

200

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4481 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4481.11

Sample wt/vol: 9.5 (g/ml) G Lab File ID: VA006440.D

Level: (low/med) MED Date Received: 5/13/99

% Moisture: not dec. 12.24 Date Analyzed: 5/19/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

200

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4481 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4481.11

Sample wt/vol: 9.5 (g/ml) G Lab File ID: VA006440.D

Level: (low/med) MED Date Received: 5/13/99

% Moisture: not dec. 12.24 Date Analyzed: 5/19/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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.

200

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4481 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4481.11

Sample wt/vol: 9.5 (g/ml) G Lab File ID: VA006440.D

Level: (low/med) MED Date Received: 5/13/99

% Moisture: not dec. 12.24 Date Analyzed: 5/19/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	10.10	3000	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

201

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4481 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4481.15

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VA006442.D

Level: (low/med) MED Date Received: 5/13/99

% Moisture: not dec. 36.83 Date Analyzed: 5/19/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	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	390	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	390	U
67-64-1	Acetone	790	U
75-15-0	Carbon Disulfide	390	U
75-09-2	Methylene Chloride	790	U
156-60-5	trans-1,2-Dichloroethene	790	U
75-35-3	1,1-Dichloroethane	390	U
108-05-4	Vinyl Acetate	1200	U
78-93-3	2-Butanone	1200	U
	cis-1,2-Dichloroethene	390	U
67-66-3	Chloroform	390	U
75-55-6	1,1,1-Trichloroethane	390	U
56-23-5	Carbon Tetrachloride	790	U
71-43-2	Benzene	390	U
107-06-2	1,2-Dichloroethane	790	U
79-01-6	Trichloroethene	390	U
78-87-5	1,2-Dichloropropane	390	U
75-27-4	Bromodichloromethane	390	U
110-75-8	2-Chloroethyl vinyl ether	790	U
10061-01-5	cis-1,3-Dichloropropene	390	U
108-10-1	4-Methyl-2-Pentanone	790	U
108-88-3	Toluene	390	U
10061-02-6	trans-1,3-Dichloropropene	790	U
79-00-5	1,1,2-Trichloroethane	790	U
127-18-4	Tetrachloroethene	390	U
591-78-6	2-Hexanone	790	U
126-48-1	Dibromochloromethane	790	U
108-90-7	Chlorobenzene	390	U
100-41-4	Ethylbenzene	790	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

201

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4481 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4481.15

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VA006442.D

Level: (low/med) MED Date Received: 5/13/99

% Moisture: not dec. 36.83 Date Analyzed: 5/19/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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.

201

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4481 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4481.15

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VA006442.D

Level: (low/med) MED Date Received: 5/13/99

% Moisture: not dec. 36.83 Date Analyzed: 5/19/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	10.11	6600	J

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

202

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4481 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4481.17

Sample wt/vol: 10.9 (g/ml) G Lab File ID: VA006443.D

Level: (low/med) MED Date Received: 5/13/99

% Moisture: not dec. 11.55 Date Analyzed: 5/19/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

202

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4481 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4481.17

Sample wt/vol: 10.9 (g/ml) G Lab File ID: VA006443.D

Level: (low/med) MED Date Received: 5/13/99

% Moisture: not dec. 11.55 Date Analyzed: 5/19/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	780	U
1330-20-7	o-Xylene	520	U
100-42-5	Styrene	520	U
75-25-2	Bromoform	520	U
79-34-5	1,1,2,2-Tetrachloroethane	520	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

202

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4481 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4481.17

Sample wt/vol: 10.9 (g/ml) G Lab File ID: VA006443.D

Level: (low/med) MED Date Received: 5/13/99

% Moisture: not dec. 11.55 Date Analyzed: 5/19/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

203

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4481 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4481.19

Sample wt/vol: 8.6 (g/ml) G Lab File ID: VA006444.D

Level: (low/med) MED Date Received: 5/13/99

% Moisture: not dec. 17.19 Date Analyzed: 5/19/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2500	U
107131	Acrylonitrile	2500	U
75650	tert-Butyl alcohol	4600	U
1634044	Methyl-tert-Butyl ether	1100	U
108203	Di-isopropyl ether	700	U
	Dichlorodifluoromethane	1400	U
74-87-3	Chloromethane	350	U
75-01-4	Vinyl Chloride	1100	U
74-83-9	Bromomethane	700	U
75-00-3	Chloroethane	1100	U
75-69-4	Trichlorofluoromethane	700	U
75-35-4	1,1-Dichloroethene	350	U
67-64-1	Acetone	700	U
75-15-0	Carbon Disulfide	350	U
75-09-2	Methylene Chloride	700	U
156-60-5	trans-1,2-Dichloroethene	700	U
75-35-3	1,1-Dichloroethane	350	U
108-05-4	Vinyl Acetate	1100	U
78-93-3	2-Butanone	1100	U
	cis-1,2-Dichloroethene	350	U
67-66-3	Chloroform	350	U
75-55-6	1,1,1-Trichloroethane	350	U
56-23-5	Carbon Tetrachloride	700	U
71-43-2	Benzene	350	U
107-06-2	1,2-Dichloroethane	700	U
79-01-6	Trichloroethene	350	U
78-87-5	1,2-Dichloropropane	350	U
75-27-4	Bromodichloromethane	350	U
110-75-8	2-Chloroethyl vinyl ether	700	U
10061-01-5	cis-1,3-Dichloropropene	350	U
108-10-1	4-Methyl-2-Pentanone	700	U
108-88-3	Toluene	350	U
10061-02-6	trans-1,3-Dichloropropene	700	U
79-00-5	1,1,2-Trichloroethane	700	U
127-18-4	Tetrachloroethene	350	U
591-78-6	2-Hexanone	700	U
126-48-1	Dibromochloromethane	700	U
108-90-7	Chlorobenzene	350	U
100-41-4	Ethylbenzene	700	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

203

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4481 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4481.19

Sample wt/vol: 8.6 (g/ml) G Lab File ID: VA006444.D

Level: (low/med) MED Date Received: 5/13/99

% Moisture: not dec. 17.19 Date Analyzed: 5/19/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

1330-20-7	m+p-Xylenes	1100	U
1330-20-7	o-Xylene	700	U
100-42-5	Styrene	700	U
75-25-2	Bromoform	700	U
79-34-5	1,1,2,2-Tetrachloroethane	700	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

203

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4481 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4481.19

Sample wt/vol: 8.6 (g/ml) G Lab File ID: VA006444.D

Level: (low/med) MED Date Received: 5/13/99

% Moisture: not dec. 17.19 Date Analyzed: 5/19/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	10.10	3500	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

204

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4481 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4481.21

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VA006445.D

Level: (low/med) MED Date Received: 5/13/99

% Moisture: not dec. 17.54 Date Analyzed: 5/19/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

204

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4481 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4481.21

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VA006445.D

Level: (low/med) MED Date Received: 5/13/99

% Moisture: not dec. 17.54 Date Analyzed: 5/19/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
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.

204

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4481 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4481.21

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VA006445.D

Level: (low/med) MED Date Received: 5/13/99

% Moisture: not dec. 17.54 Date Analyzed: 5/19/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

205

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4481 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4481.23

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VA006446.D

Level: (low/med) MED Date Received: 5/13/99

% Moisture: not dec. 33.1 Date Analyzed: 5/19/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2600	U
107131	Acrylonitrile	2600	U
75650	tert-Butyl alcohol	4900	U
1634044	Methyl-tert-Butyl ether	1100	U
108203	Di-isopropyl ether	750	U
	Dichlorodifluoromethane	1500	U
74-87-3	Chloromethane	380	U
75-01-4	Vinyl Chloride	1100	U
74-83-9	Bromomethane	750	U
75-00-3	Chloroethane	1100	U
75-69-4	Trichlorofluoromethane	750	U
75-35-4	1,1-Dichloroethene	380	U
67-64-1	Acetone	750	U
75-15-0	Carbon Disulfide	380	U
75-09-2	Methylene Chloride	750	U
156-60-5	trans-1,2-Dichloroethene	750	U
75-35-3	1,1-Dichloroethane	380	U
108-05-4	Vinyl Acetate	1100	U
78-93-3	2-Butanone	1100	U
	cis-1,2-Dichloroethene	380	U
67-66-3	Chloroform	380	U
75-55-6	1,1,1-Trichloroethane	380	U
56-23-5	Carbon Tetrachloride	750	U
71-43-2	Benzene	380	U
107-06-2	1,2-Dichloroethane	750	U
79-01-6	Trichloroethene	380	U
78-87-5	1,2-Dichloropropane	380	U
75-27-4	Bromodichloromethane	380	U
110-75-8	2-Chloroethyl vinyl ether	750	U
10061-01-5	cis-1,3-Dichloropropene	380	U
108-10-1	4-Methyl-2-Pentanone	750	U
108-88-3	Toluene	380	U
10061-02-6	trans-1,3-Dichloropropene	750	U
79-00-5	1,1,2-Trichloroethane	750	U
127-18-4	Tetrachloroethene	380	U
591-78-6	2-Hexanone	750	U
126-48-1	Dibromochloromethane	750	U
108-90-7	Chlorobenzene	380	U
100-41-4	Ethylbenzene	750	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

205

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4481 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4481.23

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VA006446.D

Level: (low/med) MED Date Received: 5/13/99

% Moisture: not dec. 33.1 Date Analyzed: 5/19/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	1100	U
1330-20-7	o-Xylene	750	U
100-42-5	Styrene	750	U
75-25-2	Bromoform	750	U
79-34-5	1,1,2,2-Tetrachloroethane	750	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

205

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4481 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4481.23

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VA006446.D

Level: (low/med) MED Date Received: 5/13/99

% Moisture: not dec. 33.1 Date Analyzed: 5/19/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	10.10	3900	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

206

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4481 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4481.25

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VA006447.D

Level: (low/med) MED Date Received: 5/13/99

% Moisture: not dec. 13.12 Date Analyzed: 5/19/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil 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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

206

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4481 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4481.25

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VA006447.D

Level: (low/med) MED Date Received: 5/13/99

% Moisture: not dec. 13.12 Date Analyzed: 5/19/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
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.

206

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4481 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4481.25

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VA006447.D

Level: (low/med) MED Date Received: 5/13/99

% Moisture: not dec. 13.12 Date Analyzed: 5/19/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	10.11	3000	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

207

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4481 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4481.27

Sample wt/vol: 9.2 (g/ml) G Lab File ID: VA006448.D

Level: (low/med) MED Date Received: 5/13/99

% Moisture: not dec. 14 Date Analyzed: 5/19/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil 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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

207

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4481 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4481.27

Sample wt/vol: 9.2 (g/ml) G Lab File ID: VA006448.D

Level: (low/med) MED Date Received: 5/13/99

% Moisture: not dec. 14 Date Analyzed: 5/19/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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.

207

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4481 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4481.27

Sample wt/vol: 9.2 (g/ml) G Lab File ID: VA006448.D

Level: (low/med) MED Date Received: 5/13/99

% Moisture: not dec. 14 Date Analyzed: 5/19/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	10.11	3400	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

208

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4484 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4484.03

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VA006465.D

Level: (low/med) MED Date Received: 5/14/99

% Moisture: not dec. 18.69 Date Analyzed: 5/20/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

208

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4484 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4484.03

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VA006465.D

Level: (low/med) MED Date Received: 5/14/99

% Moisture: not dec. 18.69 Date Analyzed: 5/20/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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.

208

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4484 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4484.03

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VA006465.D

Level: (low/med) MED Date Received: 5/14/99

% Moisture: not dec. 18.69 Date Analyzed: 5/20/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

001360

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

209

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4484 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4484.05

Sample wt/vol: 8.8 (g/ml) G Lab File ID: VA006466.D

Level: (low/med) MED Date Received: 5/14/99

% Moisture: not dec. 12.75 Date Analyzed: 5/20/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil 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	980	U
108203	Di-isopropyl ether	660	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	330	U
75-01-4	Vinyl Chloride	980	U
74-83-9	Bromomethane	660	U
75-00-3	Chloroethane	980	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	980	U
78-93-3	2-Butanone	980	U
	cis-1,2-Dichloroethene	330	U
67-66-3	Chloroform	330	U
75-55-6	1,1,1-Trichloroethane	330	U
56-23-5	Carbon Tetrachloride	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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

209

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4484 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4484.05

Sample wt/vol: 8.8 (g/ml) G Lab File ID: VA006466.D

Level: (low/med) MED Date Received: 5/14/99

% Moisture: not dec. 12.75 Date Analyzed: 5/20/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	980	U
1330-20-7	o-Xylene	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.

209

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4484 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4484.05

Sample wt/vol: 8.8 (g/ml) G Lab File ID: VA006466.D

Level: (low/med) MED Date Received: 5/14/99

% Moisture: not dec. 12.75 Date Analyzed: 5/20/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

001363

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

210

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4484 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4484.07

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VA006467.D

Level: (low/med) MED Date Received: 5/14/99

% Moisture: not dec. 11.96 Date Analyzed: 5/20/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil 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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

210

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4484 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4484.07

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VA006467.D

Level: (low/med) MED Date Received: 5/14/99

% Moisture: not dec. 11.96 Date Analyzed: 5/20/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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.

210

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4484 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4484.07

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VA006467.D

Level: (low/med) MED Date Received: 5/14/99

% Moisture: not dec. 11.96 Date Analyzed: 5/20/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

001366

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

211

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4484 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4484.09

Sample wt/vol: 10.5 (g/ml) G Lab File ID: VA006468.D

Level: (low/med) MED Date Received: 5/14/99

% Moisture: not dec. 19.13 Date Analyzed: 5/20/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

211

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4484 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4484.09

Sample wt/vol: 10.5 (g/ml) G Lab File ID: VA006468.D

Level: (low/med) MED Date Received: 5/14/99

% Moisture: not dec. 19.13 Date Analyzed: 5/20/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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. 211

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4484 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4484.09

Sample wt/vol: 10.5 (g/ml) G Lab File ID: VA006468.D

Level: (low/med) MED Date Received: 5/14/99

% Moisture: not dec. 19.13 Date Analyzed: 5/20/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

212

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4484 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4484.11

Sample wt/vol: 9.1 (g/ml) G Lab File ID: VA006469.D

Level: (low/med) MED Date Received: 5/14/99

% Moisture: not dec. 13.99 Date Analyzed: 5/20/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

212

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4484 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4484.11

Sample wt/vol: 9.1 (g/ml) G Lab File ID: VA006469.D

Level: (low/med) MED Date Received: 5/14/99

% Moisture: not dec. 13.99 Date Analyzed: 5/20/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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.

212

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4484 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4484.11

Sample wt/vol: 9.1 (g/ml) G Lab File ID: VA006469.D

Level: (low/med) MED Date Received: 5/14/99

% Moisture: not dec. 13.99 Date Analyzed: 5/20/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

213

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4490 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4490.03

Sample wt/vol: 9.0 (g/ml) G Lab File ID: VC000139.D

Level: (low/med) MED Date Received: 5/17/99

% Moisture: not dec. 13.65 Date Analyzed: 5/20/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil 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

001373

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

213

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4490 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4490.03

Sample wt/vol: 9.0 (g/ml) G Lab File ID: VC000139.D

Level: (low/med) MED Date Received: 5/17/99

% Moisture: not dec. 13.65 Date Analyzed: 5/20/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
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.

213

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4490 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4490.03

Sample wt/vol: 9.0 (g/ml) G Lab File ID: VC000139.D

Level: (low/med) MED Date Received: 5/17/99

% Moisture: not dec. 13.65 Date Analyzed: 5/20/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

214

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4490 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4490.05

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VC000140.D

Level: (low/med) MED Date Received: 5/17/99

% Moisture: not dec. 20.1 Date Analyzed: 5/21/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2300	U
107131	Acrylonitrile	2300	U
75650	tert-Butyl alcohol	4200	U
1634044	Methyl-tert-Butyl ether	980	U
108203	Di-isopropyl ether	650	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	330	U
75-01-4	Vinyl Chloride	980	U
74-83-9	Bromomethane	650	U
75-00-3	Chloroethane	980	U
75-69-4	Trichlorofluoromethane	650	U
75-35-4	1,1-Dichloroethene	330	U
67-64-1	Acetone	650	U
75-15-0	Carbon Disulfide	330	U
75-09-2	Methylene Chloride	650	U
156-60-5	trans-1,2-Dichloroethene	650	U
75-35-3	1,1-Dichloroethane	330	U
108-05-4	Vinyl Acetate	980	U
78-93-3	2-Butanone	980	U
	cis-1,2-Dichloroethene	330	U
67-66-3	Chloroform	330	U
75-55-6	1,1,1-Trichloroethane	330	U
56-23-5	Carbon Tetrachloride	650	U
71-43-2	Benzene	330	U
107-06-2	1,2-Dichloroethane	650	U
79-01-6	Trichloroethene	330	U
78-87-5	1,2-Dichloropropane	330	U
75-27-4	Bromodichloromethane	330	U
110-75-8	2-Chloroethyl vinyl ether	650	U
10061-01-5	cis-1,3-Dichloropropene	330	U
108-10-1	4-Methyl-2-Pentanone	650	U
108-88-3	Toluene	330	U
10061-02-6	trans-1,3-Dichloropropene	650	U
79-00-5	1,1,2-Trichloroethane	650	U
127-18-4	Tetrachloroethene	330	U
591-78-6	2-Hexanone	650	U
126-48-1	Dibromochloromethane	650	U
108-90-7	Chlorobenzene	330	U
100-41-4	Ethylbenzene	650	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

214

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4490 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4490.05

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VC000140.D

Level: (low/med) MED Date Received: 5/17/99

% Moisture: not dec. 20.1 Date Analyzed: 5/21/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	980	U
1330-20-7	o-Xylene	650	U
100-42-5	Styrene	650	U
75-25-2	Bromoform	650	U
79-34-5	1,1,2,2-Tetrachloroethane	650	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

214

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4490 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4490.05

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VC000140.D

Level: (low/med) MED Date Received: 5/17/99

% Moisture: not dec. 20.1 Date Analyzed: 5/21/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	5.81	990	J

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

215

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4490 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4490.07

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VC000141.D

Level: (low/med) MED Date Received: 5/17/99

% Moisture: not dec. 4.15 Date Analyzed: 5/21/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3300	U
1634044	Methyl-tert-Butyl ether	770	U
108203	Di-isopropyl ether	510	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	260	U
75-01-4	Vinyl Chloride	770	U
74-83-9	Bromomethane	510	U
75-00-3	Chloroethane	770	U
75-69-4	Trichlorofluoromethane	510	U
75-35-4	1,1-Dichloroethene	260	U
67-64-1	Acetone	510	U
75-15-0	Carbon Disulfide	260	U
75-09-2	Methylene Chloride	510	U
156-60-5	trans-1,2-Dichloroethene	510	U
75-35-3	1,1-Dichloroethane	260	U
108-05-4	Vinyl Acetate	770	U
78-93-3	2-Butanone	770	U
	cis-1,2-Dichloroethene	260	U
67-66-3	Chloroform	260	U
75-55-6	1,1,1-Trichloroethane	260	U
56-23-5	Carbon Tetrachloride	510	U
71-43-2	Benzene	260	U
107-06-2	1,2-Dichloroethane	510	U
79-01-6	Trichloroethene	260	U
78-87-5	1,2-Dichloropropane	260	U
75-27-4	Bromodichloromethane	260	U
110-75-8	2-Chloroethyl vinyl ether	510	U
10061-01-5	cis-1,3-Dichloropropene	260	U
108-10-1	4-Methyl-2-Pentanone	510	U
108-88-3	Toluene	260	U
10061-02-6	trans-1,3-Dichloropropene	510	U
79-00-5	1,1,2-Trichloroethane	510	U
127-18-4	Tetrachloroethene	260	U
591-78-6	2-Hexanone	510	U
126-48-1	Dibromochloromethane	510	U
108-90-7	Chlorobenzene	260	U
100-41-4	Ethylbenzene	510	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

215

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4490 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4490.07

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VC000141.D

Level: (low/med) MED Date Received: 5/17/99

% Moisture: not dec. 4.15 Date Analyzed: 5/21/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	770	U
1330-20-7	o-Xylene	510	U
100-42-5	Styrene	510	U
75-25-2	Bromoform	510	U
79-34-5	1,1,2,2-Tetrachloroethane	510	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

215

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4490 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4490.07

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VC000141.D

Level: (low/med) MED Date Received: 5/17/99

% Moisture: not dec. 4.15 Date Analyzed: 5/21/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	5.88	1500	J

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

216

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4490 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4490.09

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VC000142.D

Level: (low/med) MED Date Received: 5/17/99

% Moisture: not dec. 4.84 Date Analyzed: 5/21/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3500	U
1634044	Methyl-tert-Butyl ether	800	U
108203	Di-isopropyl ether	530	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	270	U
75-01-4	Vinyl Chloride	800	U
74-83-9	Bromomethane	530	U
75-00-3	Chloroethane	800	U
75-69-4	Trichlorofluoromethane	530	U
75-35-4	1,1-Dichloroethene	270	U
67-64-1	Acetone	530	U
75-15-0	Carbon Disulfide	270	U
75-09-2	Methylene Chloride	530	U
156-60-5	trans-1,2-Dichloroethene	530	U
75-35-3	1,1-Dichloroethane	270	U
108-05-4	Vinyl Acetate	800	U
78-93-3	2-Butanone	800	U
	cis-1,2-Dichloroethene	270	U
67-66-3	Chloroform	270	U
75-55-6	1,1,1-Trichloroethane	270	U
56-23-5	Carbon Tetrachloride	530	U
71-43-2	Benzene	270	U
107-06-2	1,2-Dichloroethane	530	U
79-01-6	Trichloroethene	270	U
78-87-5	1,2-Dichloropropane	270	U
75-27-4	Bromodichloromethane	270	U
110-75-8	2-Chloroethyl vinyl ether	530	U
10061-01-5	cis-1,3-Dichloropropene	270	U
108-10-1	4-Methyl-2-Pentanone	530	U
108-88-3	Toluene	270	U
10061-02-6	trans-1,3-Dichloropropene	530	U
79-00-5	1,1,2-Trichloroethane	530	U
127-18-4	Tetrachloroethene	270	U
591-78-6	2-Hexanone	530	U
126-48-1	Dibromochloromethane	530	U
108-90-7	Chlorobenzene	270	U
100-41-4	Ethylbenzene	530	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

216

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4490 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4490.09

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VC000142.D

Level: (low/med) MED Date Received: 5/17/99

% Moisture: not dec. 4.84 Date Analyzed: 5/21/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	800	U
1330-20-7	o-Xylene	530	U
100-42-5	Styrene	530	U
75-25-2	Bromoform	530	U
79-34-5	1,1,2,2-Tetrachloroethane	530	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

216

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4490 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4490.09

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VC000142.D

Level: (low/med) MED Date Received: 5/17/99

% Moisture: not dec. 4.84 Date Analyzed: 5/21/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	5.81	1000	J

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

217

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4490 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4490.11

Sample wt/vol: 9.0 (g/ml) G Lab File ID: VC000143.D

Level: (low/med) MED Date Received: 5/17/99

% Moisture: not dec. 23.15 Date Analyzed: 5/21/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2500	U
107131	Acrylonitrile	2500	U
75650	tert-Butyl alcohol	4700	U
1634044	Methyl-tert-Butyl ether	1100	U
108203	Di-isopropyl ether	720	U
	Dichlorodifluoromethane	1400	U
74-87-3	Chloromethane	360	U
75-01-4	Vinyl Chloride	1100	U
74-83-9	Bromomethane	720	U
75-00-3	Chloroethane	1100	U
75-69-4	Trichlorofluoromethane	720	U
75-35-4	1,1-Dichloroethene	360	U
67-64-1	Acetone	720	U
75-15-0	Carbon Disulfide	360	U
75-09-2	Methylene Chloride	720	U
156-60-5	trans-1,2-Dichloroethene	720	U
75-35-3	1,1-Dichloroethane	360	U
108-05-4	Vinyl Acetate	1100	U
78-93-3	2-Butanone	1100	U
	cis-1,2-Dichloroethene	360	U
67-66-3	Chloroform	360	U
75-55-6	1,1,1-Trichloroethane	360	U
56-23-5	Carbon Tetrachloride	720	U
71-43-2	Benzene	360	U
107-06-2	1,2-Dichloroethane	720	U
79-01-6	Trichloroethene	360	U
78-87-5	1,2-Dichloropropane	360	U
75-27-4	Bromodichloromethane	360	U
110-75-8	2-Chloroethyl vinyl ether	720	U
10061-01-5	cis-1,3-Dichloropropene	360	U
108-10-1	4-Methyl-2-Pentanone	720	U
108-88-3	Toluene	360	U
10061-02-6	trans-1,3-Dichloropropene	720	U
79-00-5	1,1,2-Trichloroethane	720	U
127-18-4	Tetrachloroethene	360	U
591-78-6	2-Hexanone	720	U
126-48-1	Dibromochloromethane	720	U
108-90-7	Chlorobenzene	360	U
100-41-4	Ethylbenzene	720	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

217

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4490 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4490.11

Sample wt/vol: 9.0 (g/ml) G Lab File ID: VC000143.D

Level: (low/med) MED Date Received: 5/17/99

% Moisture: not dec. 23.15 Date Analyzed: 5/21/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	1100	U
1330-20-7	o-Xylene	720	U
100-42-5	Styrene	720	U
75-25-2	Bromoform	720	U
79-34-5	1,1,2,2-Tetrachloroethane	720	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID. 217

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4490 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4490.11

Sample wt/vol: 9.0 (g/ml) G Lab File ID: VC000143.D

Level: (low/med) MED Date Received: 5/17/99

% Moisture: not dec. 23.15 Date Analyzed: 5/21/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 2

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000079-20-9	Acetic acid, methyl ester	11.93	3400	JN
2. 000080-56-8	.alpha.-Pinene	30.38	5500	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

218

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4490 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4490.15

Sample wt/vol: 9.2 (g/ml) G Lab File ID: VC000145.D

Level: (low/med) MED Date Received: 5/17/99

% Moisture: not dec. 4.02 Date Analyzed: 5/21/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil 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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

218

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4490 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4490.15

Sample wt/vol: 9.2 (g/ml) G Lab File ID: VC000145.D

Level: (low/med) MED Date Received: 5/17/99

% Moisture: not dec. 4.02 Date Analyzed: 5/21/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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.

218

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4490 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4490.15

Sample wt/vol: 9.2 (g/ml) G Lab File ID: VC000145.D

Level: (low/med) MED Date Received: 5/17/99

% Moisture: not dec. 4.02 Date Analyzed: 5/21/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

219

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4490 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4490.17

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VC000146.D

Level: (low/med) MED Date Received: 5/17/99

% Moisture: not dec. 3.04 Date Analyzed: 5/21/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

219

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4490 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4490.17

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VC000146.D

Level: (low/med) MED Date Received: 5/17/99

% Moisture: not dec. 3.04 Date Analyzed: 5/21/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	780	U
1330-20-7	o-Xylene	520	U
100-42-5	Styrene	520	U
75-25-2	Bromoform	520	U
79-34-5	1,1,2,2-Tetrachloroethane	520	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

219

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4490 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4490.17

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VC000146.D

Level: (low/med) MED Date Received: 5/17/99

% Moisture: not dec. 3.04 Date Analyzed: 5/21/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

001393

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

220

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4490 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4490.19

Sample wt/vol: 9.4 (g/ml) G Lab File ID: VC000147.D

Level: (low/med) MED Date Received: 5/17/99

% Moisture: not dec. 16.64 Date Analyzed: 5/21/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2300	U
107131	Acrylonitrile	2300	U
75650	tert-Butyl alcohol	4200	U
1634044	Methyl-tert-Butyl ether	960	U
108203	Di-isopropyl ether	640	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	320	U
75-01-4	Vinyl Chloride	960	U
74-83-9	Bromomethane	640	U
75-00-3	Chloroethane	960	U
75-69-4	Trichlorofluoromethane	640	U
75-35-4	1,1-Dichloroethene	320	U
67-64-1	Acetone	640	U
75-15-0	Carbon Disulfide	320	U
75-09-2	Methylene Chloride	640	U
156-60-5	trans-1,2-Dichloroethene	640	U
75-35-3	1,1-Dichloroethane	320	U
108-05-4	Vinyl Acetate	960	U
78-93-3	2-Butanone	960	U
	cis-1,2-Dichloroethene	320	U
67-66-3	Chloroform	320	U
75-55-6	1,1,1-Trichloroethane	320	U
56-23-5	Carbon Tetrachloride	640	U
71-43-2	Benzene	320	U
107-06-2	1,2-Dichloroethane	640	U
79-01-6	Trichloroethene	320	U
78-87-5	1,2-Dichloropropane	320	U
75-27-4	Bromodichloromethane	320	U
110-75-8	2-Chloroethyl vinyl ether	4800	
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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

220

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4490 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4490.19

Sample wt/vol: 9.4 (g/ml) G Lab File ID: VC000147.D

Level: (low/med) MED Date Received: 5/17/99

% Moisture: not dec. 16.64 Date Analyzed: 5/21/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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.

220

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4490 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4490.19

Sample wt/vol: 9.4 (g/ml) G Lab File ID: VC000147.D

Level: (low/med) MED Date Received: 5/17/99

% Moisture: not dec. 16.64 Date Analyzed: 5/21/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	5.85	1700	J

001396

1A

FIELD ID.

221

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4490 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4490.21

Sample wt/vol: 10.4 (g/ml) G Lab File ID: VC000148.D

Level: (low/med) MED Date Received: 5/17/99

% Moisture: not dec. 7.45 Date Analyzed: 5/21/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
107028	Acrolein	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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

221

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4490 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4490.21

Sample wt/vol: 10.4 (g/ml) G Lab File ID: VC000148.D

Level: (low/med) MED Date Received: 5/17/99

% Moisture: not dec. 7.45 Date Analyzed: 5/21/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	780	U
1330-20-7	o-Xylene	520	U
100-42-5	Styrene	520	U
75-25-2	Bromoform	520	U
79-34-5	1,1,2,2-Tetrachloroethane	520	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

221

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4490 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4490.21

Sample wt/vol: 10.4 (g/ml) G Lab File ID: VC000148.D

Level: (low/med) MED Date Received: 5/17/99

% Moisture: not dec. 7.45 Date Analyzed: 5/21/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	5.84	1400	J

1A

FIELD ID.

222

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4490 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4490.23

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VC000149.D

Level: (low/med) MED Date Received: 5/17/99

% Moisture: not dec. 20.03 Date Analyzed: 5/21/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	Q
107028	Acrolein	2200 U
107131	Acrylonitrile	2200 U
75650	tert-Butyl alcohol	4100 U
1634044	Methyl-tert-Butyl ether	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

FIELD ID.

222

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4490 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4490.23

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VC000149.D

Level: (low/med) MED Date Received: 5/17/99

% Moisture: not dec. 20.03 Date Analyzed: 5/21/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
1330-20-7	m+p-Xylenes	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.

222

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4490 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4490.23

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VC000149.D

Level: (low/med) MED Date Received: 5/17/99

% Moisture: not dec. 20.03 Date Analyzed: 5/21/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

223

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4490 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4490.25

Sample wt/vol: 8.5 (g/ml) G Lab File ID: VC000150.D

Level: (low/med) MED Date Received: 5/17/99

% Moisture: not dec. 9.42 Date Analyzed: 5/21/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
107028	Acrolein	2300	U
107131	Acrylonitrile	2300	U
75650	tert-Butyl alcohol	4200	U
1634044	Methyl-tert-Butyl ether	970	U
108203	Di-isopropyl ether	640	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	320	U
75-01-4	Vinyl Chloride	970	U
74-83-9	Bromomethane	640	U
75-00-3	Chloroethane	970	U
75-69-4	Trichlorofluoromethane	640	U
75-35-4	1,1-Dichloroethene	320	U
67-64-1	Acetone	640	U
75-15-0	Carbon Disulfide	320	U
75-09-2	Methylene Chloride	640	U
156-60-5	trans-1,2-Dichloroethene	640	U
75-35-3	1,1-Dichloroethane	320	U
108-05-4	Vinyl Acetate	970	U
78-93-3	2-Butanone	970	U
	cis-1,2-Dichloroethene	320	U
67-66-3	Chloroform	320	U
75-55-6	1,1,1-Trichloroethane	320	U
56-23-5	Carbon Tetrachloride	640	U
71-43-2	Benzene	320	U
107-06-2	1,2-Dichloroethane	640	U
79-01-6	Trichloroethene	320	U
78-87-5	1,2-Dichloropropane	320	U
75-27-4	Bromodichloromethane	320	U
110-75-8	2-Chloroethyl vinyl ether	640	U
10061-01-5	cis-1,3-Dichloropropene	320	U
108-10-1	4-Methyl-2-Pentanone	640	U
108-88-3	Toluene	320	U
10061-02-6	trans-1,3-Dichloropropene	640	U
79-00-5	1,1,2-Trichloroethane	640	U
127-18-4	Tetrachloroethene	320	U
591-78-6	2-Hexanone	640	U
126-48-1	Dibromochloromethane	640	U
108-90-7	Chlorobenzene	320	U
100-41-4	Ethylbenzene	640	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

223

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4490 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4490.25

Sample wt/vol: 8.5 (g/ml) G Lab File ID: VC000150.D

Level: (low/med) MED Date Received: 5/17/99

% Moisture: not dec. 9.42 Date Analyzed: 5/21/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	970	U
1330-20-7	o-Xylene	640	U
100-42-5	Styrene	640	U
75-25-2	Bromoform	640	U
79-34-5	1,1,2,2-Tetrachloroethane	640	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

223

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4490 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4490.25

Sample wt/vol: 8.5 (g/ml) G Lab File ID: VC000150.D

Level: (low/med) MED Date Received: 5/17/99

% Moisture: not dec. 9.42 Date Analyzed: 5/21/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 2

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	5.81	1400	J
2.	unknown	6.90	1400	J

1A

FIELD ID.

224

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4490 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4490.27

Sample wt/vol: 9.1 (g/ml) G Lab File ID: VC000151.D

Level: (low/med) MED Date Received: 5/17/99

% Moisture: not dec. 12.52 Date Analyzed: 5/21/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	Q
107028	Acrolein	2200 U
107131	Acrylonitrile	2200 U
75650	tert-Butyl alcohol	4100 U
1634044	Methyl-tert-Butyl ether	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	460 J
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. 224

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4490 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4490.27

Sample wt/vol: 9.1 (g/ml) G Lab File ID: VC000151.D

Level: (low/med) MED Date Received: 5/17/99

% Moisture: not dec. 12.52 Date Analyzed: 5/21/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	Q	
1330-20-7	m+p-Xylenes	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.

224

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4490 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4490.27

Sample wt/vol: 9.1 (g/ml) G Lab File ID: VC000151.D

Level: (low/med) MED Date Received: 5/17/99

% Moisture: not dec. 12.52 Date Analyzed: 5/21/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 225

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4533 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4533.03

Sample wt/vol: 11.6 (g/ml) G Lab File ID: VA006619.D

Level: (low/med) MED Date Received: 6/4/99

% Moisture: not dec. 13.29 Date Analyzed: 6/10/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
107028	Acrolein	1700	U
107131	Acrylonitrile	1700	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	990	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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 225

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4533 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4533.03

Sample wt/vol: 11.6 (g/ml) G Lab File ID: VA006619.D

Level: (low/med) MED Date Received: 6/4/99

% Moisture: not dec. 13.29 Date Analyzed: 6/10/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
1330-20-7	m+p-Xylenes	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.

M-8 225

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4533 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4533.03

Sample wt/vol: 11.6 (g/ml) G Lab File ID: VA006619.D

Level: (low/med) MED Date Received: 6/4/99

% Moisture: not dec. 13.29 Date Analyzed: 6/10/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

	CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	000110-54-3	Hexane	10.00	1900	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 226

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4533 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4533.05

Sample wt/vol: 8.4 (g/ml) G Lab File ID: VA006620.D

Level: (low/med) MED Date Received: 6/4/99

% Moisture: not dec. 7.23 Date Analyzed: 6/10/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	Q	
107028	Acrolein	2200	U
107131	Acrylonitrile	2200	U
75650	tert-Butyl alcohol	4200	U
1634044	Methyl-tert-Butyl ether	960	U
108203	Di-isopropyl ether	640	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	320	U
75-01-4	Vinyl Chloride	960	U
74-83-9	Bromomethane	640	U
75-00-3	Chloroethane	960	U
75-69-4	Trichlorofluoromethane	640	U
75-35-4	1,1-Dichloroethene	320	U
67-64-1	Acetone	640	U
75-15-0	Carbon Disulfide	320	U
75-09-2	Methylene Chloride	640	U
156-60-5	trans-1,2-Dichloroethene	640	U
75-35-3	1,1-Dichloroethane	320	U
108-05-4	Vinyl Acetate	960	U
78-93-3	2-Butanone	960	U
	cis-1,2-Dichloroethene	320	U
67-66-3	Chloroform	320	U
75-55-6	1,1,1-Trichloroethane	320	U
56-23-5	Carbon Tetrachloride	640	U
71-43-2	Benzene	320	U
107-06-2	1,2-Dichloroethane	640	U
79-01-6	Trichloroethene	320	U
78-87-5	1,2-Dichloropropane	320	U
75-27-4	Bromodichloromethane	320	U
110-75-8	2-Chloroethyl vinyl ether	640	U
10061-01-5	cis-1,3-Dichloropropene	320	U
108-10-1	4-Methyl-2-Pentanone	640	U
108-88-3	Toluene	320	U
10061-02-6	trans-1,3-Dichloropropene	640	U
79-00-5	1,1,2-Trichloroethane	640	U
127-18-4	Tetrachloroethene	320	U
591-78-6	2-Hexanone	640	U
126-48-1	Dibromochloromethane	640	U
108-90-7	Chlorobenzene	320	U
100-41-4	Ethylbenzene	640	U

1A

FIELD ID.

M-8 226

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4533 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4533.05

Sample wt/vol: 8.4 (g/ml) G Lab File ID: VA006620.D

Level: (low/med) MED Date Received: 6/4/99

% Moisture: not dec. 7.23 Date Analyzed: 6/10/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	Q	
1330-20-7	m+p-Xylenes	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.

M-8 226

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4533 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4533.05

Sample wt/vol: 8.4 (g/ml) G Lab File ID: VA006620.D

Level: (low/med) MED Date Received: 6/4/99

% Moisture: not dec. 7.23 Date Analyzed: 6/10/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

	CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	000110-54-3	Hexane	10.00	2000	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 227

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4533 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4533.07

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VA006621.D

Level: (low/med) MED Date Received: 6/4/99

% Moisture: not dec. 14.95 Date Analyzed: 6/10/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	Q
107028	Acrolein	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.

M-8 227

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4533 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4533.07

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VA006621.D

Level: (low/med) MED Date Received: 6/4/99

% Moisture: not dec. 14.95 Date Analyzed: 6/10/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	Q	
1330-20-7	m+p-Xylenes	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.

M-8 227

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4533 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4533.07

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VA006621.D

Level: (low/med) MED Date Received: 6/4/99

% Moisture: not dec. 14.95 Date Analyzed: 6/10/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	10.00	1800	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 228

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4533.09

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VA006622.D

Level: (low/med) MED Date Received: 6/4/99

% Moisture: not dec. 12.59 Date Analyzed: 6/10/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil 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	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	690	
100-41-4	Ethylbenzene	590	U

1A

FIELD ID.

M-8 228

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4533.09

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VA006622.D

Level: (low/med) MED Date Received: 6/4/99

% Moisture: not dec. 12.59 Date Analyzed: 6/10/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	Q	
1330-20-7	m+p-Xylenes	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.

M-8 228

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4533 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4533.09

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VA006622.D

Level: (low/med) MED Date Received: 6/4/99

% Moisture: not dec. 12.59 Date Analyzed: 6/10/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 15

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 002051-30-1	Octane, 2,6-dimethyl-	22.24	2900	JN
2.	unknown	22.66	3900	J
3.	unknown	23.05	2100	J
4.	unknown	23.14	10000	J
5. 006783-92-2	Cyclohexane, 1,1,2,3-tetramethyl-	24.16	4900	JN
6. 000099-82-1	1-Methyl-4-(1-methylethyl)-cyclor	24.51	4700	JN
7.	unknown	24.71	3700	J
8.	unknown	24.93	3600	J
9.	unknown	25.16	3600	J
10.	unknown	25.58	4000	J
11.	unknown	25.95	2800	J
12.	unknown	26.18	9100	J
13.	unknown	26.68	2700	J
14. 000106-46-7	Benzene, 1,4-dichloro-	27.12	4400	JN
15. 000493-02-7	Naphthalene, decahydro-, trans-	27.67	2400	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 229

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4533 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4533.11

Sample wt/vol: 9.5 (g/ml) G Lab File ID: VA006623.D

Level: (low/med) MED Date Received: 6/4/99

% Moisture: not dec. 10.65 Date Analyzed: 6/10/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	Q	
107028	Acrolein	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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 229

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4533 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4533.11

Sample wt/vol: 9.5 (g/ml) G Lab File ID: VA006623.D

Level: (low/med) MED Date Received: 6/4/99

% Moisture: not dec. 10.65 Date Analyzed: 6/10/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
1330-20-7	m+p-Xylenes	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.

M-8 229

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4533 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4533.11

Sample wt/vol: 9.5 (g/ml) G Lab File ID: VA006623.D

Level: (low/med) MED Date Received: 6/4/99

% Moisture: not dec. 10.65 Date Analyzed: 6/10/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	10.00	2000	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 230

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4533 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4533.15

Sample wt/vol: 9.3 (g/ml) G Lab File ID: VA006625.D

Level: (low/med) MED Date Received: 6/4/99

% Moisture: not dec. 14.38 Date Analyzed: 6/10/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil 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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 230

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4533 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4533.15

Sample wt/vol: 9.3 (g/ml) G Lab File ID: VA006625.D

Level: (low/med) MED Date Received: 6/4/99

% Moisture: not dec. 14.38 Date Analyzed: 6/10/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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.

M-8 230

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4533 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4533.15

Sample wt/vol: 9.3 (g/ml) G Lab File ID: VA006625.D

Level: (low/med) MED Date Received: 6/4/99

% Moisture: not dec. 14.38 Date Analyzed: 6/10/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	10.00	2200	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 231

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4533 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4533.17

Sample wt/vol: 11.3 (g/ml) G Lab File ID: VA006626.D

Level: (low/med) MED Date Received: 6/4/99

% Moisture: not dec. 8.5 Date Analyzed: 6/10/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
107028	Acrolein	1700	U
107131	Acrylonitrile	1700	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	730	U
108203	Di-isopropyl ether	490	U
	Dichlorodifluoromethane	970	U
74-87-3	Chloromethane	240	U
75-01-4	Vinyl Chloride	730	U
74-83-9	Bromomethane	490	U
75-00-3	Chloroethane	730	U
75-69-4	Trichlorofluoromethane	490	U
75-35-4	1,1-Dichloroethene	240	U
67-64-1	Acetone	490	U
75-15-0	Carbon Disulfide	240	U
75-09-2	Methylene Chloride	490	U
156-60-5	trans-1,2-Dichloroethene	490	U
75-35-3	1,1-Dichloroethane	240	U
108-05-4	Vinyl Acetate	730	U
78-93-3	2-Butanone	730	U
	cis-1,2-Dichloroethene	240	U
67-66-3	Chloroform	240	U
75-55-6	1,1,1-Trichloroethane	240	U
56-23-5	Carbon Tetrachloride	490	U
71-43-2	Benzene	240	U
107-06-2	1,2-Dichloroethane	490	U
79-01-6	Trichloroethene	240	U
78-87-5	1,2-Dichloropropane	240	U
75-27-4	Bromodichloromethane	240	U
110-75-8	2-Chloroethyl vinyl ether	490	U
10061-01-5	cis-1,3-Dichloropropene	240	U
108-10-1	4-Methyl-2-Pentanone	490	U
108-88-3	Toluene	240	U
10061-02-6	trans-1,3-Dichloropropene	490	U
79-00-5	1,1,2-Trichloroethane	490	U
127-18-4	Tetrachloroethene	240	U
591-78-6	2-Hexanone	490	U
126-48-1	Dibromochloromethane	490	U
108-90-7	Chlorobenzene	240	U
100-41-4	Ethylbenzene	490	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 231

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4533 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4533.17

Sample wt/vol: 11.3 (g/ml) G Lab File ID: VA006626.D

Level: (low/med) MED Date Received: 6/4/99

% Moisture: not dec. 8.5 Date Analyzed: 6/10/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
1330-20-7	m+p-Xylenes	730	U
1330-20-7	o-Xylene	490	U
100-42-5	Styrene	490	U
75-25-2	Bromoform	490	U
79-34-5	1,1,2,2-Tetrachloroethane	490	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

M-8 231

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4533 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4533.17

Sample wt/vol: 11.3 (g/ml) G Lab File ID: VA006626.D

Level: (low/med) MED Date Received: 6/4/99

% Moisture: not dec. 8.5 Date Analyzed: 6/10/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 232

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4533 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4533.19

Sample wt/vol: 8.1 (g/ml) G Lab File ID: VA006627.D

Level: (low/med) MED Date Received: 6/4/99

% Moisture: not dec. 13.49 Date Analyzed: 6/10/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2500	U
107131	Acrylonitrile	2500	U
75650	tert-Butyl alcohol	4600	U
1634044	Methyl-tert-Butyl ether	1100	U
108203	Di-isopropyl ether	710	U
	Dichlorodifluoromethane	1400	U
74-87-3	Chloromethane	350	U
75-01-4	Vinyl Chloride	1100	U
74-83-9	Bromomethane	710	U
75-00-3	Chloroethane	1100	U
75-69-4	Trichlorofluoromethane	710	U
75-35-4	1,1-Dichloroethene	350	U
67-64-1	Acetone	710	U
75-15-0	Carbon Disulfide	350	U
75-09-2	Methylene Chloride	710	U
156-60-5	trans-1,2-Dichloroethene	710	U
75-35-3	1,1-Dichloroethane	350	U
108-05-4	Vinyl Acetate	1100	U
78-93-3	2-Butanone	1100	U
	cis-1,2-Dichloroethene	350	U
67-66-3	Chloroform	350	U
75-55-6	1,1,1-Trichloroethane	350	U
56-23-5	Carbon Tetrachloride	710	U
71-43-2	Benzene	350	U
107-06-2	1,2-Dichloroethane	710	U
79-01-6	Trichloroethene	350	U
78-87-5	1,2-Dichloropropane	350	U
75-27-4	Bromodichloromethane	350	U
110-75-8	2-Chloroethyl vinyl ether	710	U
10061-01-5	cis-1,3-Dichloropropene	350	U
108-10-1	4-Methyl-2-Pentanone	710	U
108-88-3	Toluene	350	U
10061-02-6	trans-1,3-Dichloropropene	710	U
79-00-5	1,1,2-Trichloroethane	710	U
127-18-4	Tetrachloroethene	350	U
591-78-6	2-Hexanone	710	U
126-48-1	Dibromochloromethane	710	U
108-90-7	Chlorobenzene	350	U
100-41-4	Ethylbenzene	710	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 232

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4533 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4533.19

Sample wt/vol: 8.1 (g/ml) G Lab File ID: VA006627.D

Level: (low/med) MED Date Received: 6/4/99

% Moisture: not dec. 13.49 Date Analyzed: 6/10/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
1330-20-7	m+p-Xylenes	1100	U
1330-20-7	o-Xylene	710	U
100-42-5	Styrene	710	U
75-25-2	Bromoform	710	U
79-34-5	1,1,2,2-Tetrachloroethane	710	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

M-8 232

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4533 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4533.19

Sample wt/vol: 8.1 (g/ml) G Lab File ID: VA006627.D

Level: (low/med) MED Date Received: 6/4/99

% Moisture: not dec. 13.49 Date Analyzed: 6/10/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 233

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4533 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4533.21

Sample wt/vol: 8.3 (g/ml) G Lab File ID: VA006628.D

Level: (low/med) MED Date Received: 6/4/99

% Moisture: not dec. 12.49 Date Analyzed: 6/10/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	Q
107028	Acrolein	2400 U
107131	Acrylonitrile	2400 U
75650	tert-Butyl alcohol	4400 U
1634044	Methyl-tert-Butyl ether	1000 U
108203	Di-isopropyl ether	680 U
	Dichlorodifluoromethane	1400 U
74-87-3	Chloromethane	340 U
75-01-4	Vinyl Chloride	1000 U
74-83-9	Bromomethane	680 U
75-00-3	Chloroethane	1000 U
75-69-4	Trichlorofluoromethane	680 U
75-35-4	1,1-Dichloroethene	340 U
67-64-1	Acetone	680 U
75-15-0	Carbon Disulfide	340 U
75-09-2	Methylene Chloride	680 U
156-60-5	trans-1,2-Dichloroethene	680 U
75-35-3	1,1-Dichloroethane	340 U
108-05-4	Vinyl Acetate	1000 U
78-93-3	2-Butanone	1000 U
	cis-1,2-Dichloroethene	340 U
67-66-3	Chloroform	340 U
75-55-6	1,1,1-Trichloroethane	340 U
56-23-5	Carbon Tetrachloride	680 U
71-43-2	Benzene	340 U
107-06-2	1,2-Dichloroethane	680 U
79-01-6	Trichloroethene	340 U
78-87-5	1,2-Dichloropropane	340 U
75-27-4	Bromodichloromethane	340 U
110-75-8	2-Chloroethyl vinyl ether	680 U
10061-01-5	cis-1,3-Dichloropropene	340 U
108-10-1	4-Methyl-2-Pentanone	680 U
108-88-3	Toluene	340 U
10061-02-6	trans-1,3-Dichloropropene	680 U
79-00-5	1,1,2-Trichloroethane	680 U
127-18-4	Tetrachloroethene	340 U
591-78-6	2-Hexanone	680 U
126-48-1	Dibromochloromethane	680 U
108-90-7	Chlorobenzene	340 U
100-41-4	Ethylbenzene	680 U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 233

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4533 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4533.21

Sample wt/vol: 8.3 (g/ml) G Lab File ID: VA006628.D

Level: (low/med) MED Date Received: 6/4/99

% Moisture: not dec. 12.49 Date Analyzed: 6/10/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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.

M-8 233

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4533 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4533.21

Sample wt/vol: 8.3 (g/ml) G Lab File ID: VA006628.D

Level: (low/med) MED Date Received: 6/4/99

% Moisture: not dec. 12.49 Date Analyzed: 6/10/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 234

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4533 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4533.23

Sample wt/vol: 9.4 (g/ml) G Lab File ID: VA006629.D

Level: (low/med) MED Date Received: 6/4/99

% Moisture: not dec. 11.32 Date Analyzed: 6/10/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	Q
107028	Acrolein	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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 234

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4533 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4533.23

Sample wt/vol: 9.4 (g/ml) G Lab File ID: VA006629.D

Level: (low/med) MED Date Received: 6/4/99

% Moisture: not dec. 11.32 Date Analyzed: 6/10/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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.

M-8 234

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4533 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4533.23

Sample wt/vol: 9.4 (g/ml) G Lab File ID: VA006629.D

Level: (low/med) MED Date Received: 6/4/99

% Moisture: not dec. 11.32 Date Analyzed: 6/10/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

001438

1A

FIELD ID.

M-8 235

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4533.25

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VA006630.D

Level: (low/med) MED Date Received: 6/4/99

% Moisture: not dec. 15.33 Date Analyzed: 6/10/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	Q
107028	Acrolein	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

FIELD ID.

M-8 235

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4533 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4533.25

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VA006630.D

Level: (low/med) MED Date Received: 6/4/99

% Moisture: not dec. 15.33 Date Analyzed: 6/10/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	Q	
1330-20-7	m+p-Xylenes	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.

M-8 235

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4533 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4533.25

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VA006630.D

Level: (low/med) MED Date Received: 6/4/99

% Moisture: not dec. 15.33 Date Analyzed: 6/10/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

001441

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 236

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4533 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4533.27

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VA006666.D

Level: (low/med) MED Date Received: 6/4/99

% Moisture: not dec. 11.97 Date Analyzed: 6/14/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil 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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 236

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4533 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4533.27

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VA006666.D

Level: (low/med) MED Date Received: 6/4/99

% Moisture: not dec. 11.97 Date Analyzed: 6/14/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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.

M-8 236

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4533 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4533.27

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VA006666.D

Level: (low/med) MED Date Received: 6/4/99

% Moisture: not dec. 11.97 Date Analyzed: 6/14/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

	CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	000110-54-3	Hexane	9.99	2600	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 237

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4533 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4533.29

Sample wt/vol: 9.0 (g/ml) G Lab File ID: VA006667.D

Level: (low/med) MED Date Received: 6/4/99

% Moisture: not dec. 15.03 Date Analyzed: 6/14/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
107028	Acrolein	2300	U
107131	Acrylonitrile	2300	U
75650	tert-Butyl alcohol	4300	U
1634044	Methyl-tert-Butyl ether	980	U
108203	Di-isopropyl ether	650	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	330	U
75-01-4	Vinyl Chloride	980	U
74-83-9	Bromomethane	650	U
75-00-3	Chloroethane	980	U
75-69-4	Trichlorofluoromethane	650	U
75-35-4	1,1-Dichloroethene	330	U
67-64-1	Acetone	650	U
75-15-0	Carbon Disulfide	330	U
75-09-2	Methylene Chloride	650	U
156-60-5	trans-1,2-Dichloroethene	650	U
75-35-3	1,1-Dichloroethane	330	U
108-05-4	Vinyl Acetate	980	U
78-93-3	2-Butanone	980	U
	cis-1,2-Dichloroethene	330	U
67-66-3	Chloroform	330	U
75-55-6	1,1,1-Trichloroethane	330	U
56-23-5	Carbon Tetrachloride	650	U
71-43-2	Benzene	330	U
107-06-2	1,2-Dichloroethane	650	U
79-01-6	Trichloroethene	330	U
78-87-5	1,2-Dichloropropane	330	U
75-27-4	Bromodichloromethane	330	U
110-75-8	2-Chloroethyl vinyl ether	650	U
10061-01-5	cis-1,3-Dichloropropene	330	U
108-10-1	4-Methyl-2-Pentanone	650	U
108-88-3	Toluene	330	U
10061-02-6	trans-1,3-Dichloropropene	650	U
79-00-5	1,1,2-Trichloroethane	650	U
127-18-4	Tetrachloroethene	330	U
591-78-6	2-Hexanone	650	U
126-48-1	Dibromochloromethane	650	U
108-90-7	Chlorobenzene	330	U
100-41-4	Ethylbenzene	650	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 237

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4533 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4533.29

Sample wt/vol: 9.0 (g/ml) G Lab File ID: VA006667.D

Level: (low/med) MED Date Received: 6/4/99

% Moisture: not dec. 15.03 Date Analyzed: 6/14/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	980	U
1330-20-7	o-Xylene	650	U
100-42-5	Styrene	650	U
75-25-2	Bromoform	650	U
79-34-5	1,1,2,2-Tetrachloroethane	650	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

M-8 237

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4533 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4533.29

Sample wt/vol: 9.0 (g/ml) G Lab File ID: VA006667.D

Level: (low/med) MED Date Received: 6/4/99

% Moisture: not dec. 15.03 Date Analyzed: 6/14/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	10.00	3900	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 238

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4533.31

Sample wt/vol: 10.4 (g/ml) G Lab File ID: VA006668.D

Level: (low/med) MED Date Received: 6/4/99

% Moisture: not dec. 8.1 Date Analyzed: 6/14/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil 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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 238

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4533.31

Sample wt/vol: 10.4 (g/ml) G Lab File ID: VA006668.D

Level: (low/med) MED Date Received: 6/4/99

% Moisture: not dec. 8.1 Date Analyzed: 6/14/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	780	U
1330-20-7	o-Xylene	520	U
100-42-5	Styrene	520	U
75-25-2	Bromoform	520	U
79-34-5	1,1,2,2-Tetrachloroethane	520	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

M-8 238

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4533 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4533.31

Sample wt/vol: 10.4 (g/ml) G Lab File ID: VA006668.D

Level: (low/med) MED Date Received: 6/4/99

% Moisture: not dec. 8.1 Date Analyzed: 6/14/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

	CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	000110-54-3	Hexane	10.00	3000	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 239

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4533 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4533.33

Sample wt/vol: 9.3 (g/ml) G Lab File ID: VA006669.D

Level: (low/med) MED Date Received: 6/4/99

% Moisture: not dec. 11.42 Date Analyzed: 6/14/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	Q
107028	Acrolein	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	600 U
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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 239

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4533.33

Sample wt/vol: 9.3 (g/ml) G Lab File ID: VA006669.D

Level: (low/med) MED Date Received: 6/4/99

% Moisture: not dec. 11.42 Date Analyzed: 6/14/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
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.

M-8 239

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4533 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4533.33

Sample wt/vol: 9.3 (g/ml) G Lab File ID: VA006669.D

Level: (low/med) MED Date Received: 6/4/99

% Moisture: not dec. 11.42 Date Analyzed: 6/14/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

	CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	000110-54-3	Hexane	10.00	2900	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 240

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4533 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4533.35

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006673.D

Level: (low/med) MED Date Received: 6/4/99

% Moisture: not dec. 18.89 Date Analyzed: 6/15/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil 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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 240

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4533 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4533.35

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006673.D

Level: (low/med) MED Date Received: 6/4/99

% Moisture: not dec. 18.89 Date Analyzed: 6/15/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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.

M-8 240

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4533 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4533.35

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006673.D

Level: (low/med) MED Date Received: 6/4/99

% Moisture: not dec. 18.89 Date Analyzed: 6/15/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	9.99	3500	JN

1A

FIELD ID.

M-8 241

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4533.37

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VA006676.D

Level: (low/med) MED Date Received: 6/4/99

% Moisture: not dec. 11.52 Date Analyzed: 6/15/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	Q
107028	Acrolein	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.

M-8 241

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4533 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4533.37

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VA006676.D

Level: (low/med) MED Date Received: 6/4/99

% Moisture: not dec. 11.52 Date Analyzed: 6/15/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
1330-20-7	m+p-Xylenes	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.

M-8 241

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4533 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4533.37

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VA006676.D

Level: (low/med) MED Date Received: 6/4/99

% Moisture: not dec. 11.52 Date Analyzed: 6/15/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	10.00	3200	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 242

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4533 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4533.39

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006677.D

Level: (low/med) MED Date Received: 6/4/99

% Moisture: not dec. 7.81 Date Analyzed: 6/15/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3500	U
1634044	Methyl-tert-Butyl ether	820	U
108203	Di-isopropyl ether	540	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	270	U
75-01-4	Vinyl Chloride	820	U
74-83-9	Bromomethane	540	U
75-00-3	Chloroethane	820	U
75-69-4	Trichlorofluoromethane	540	U
75-35-4	1,1-Dichloroethene	270	U
67-64-1	Acetone	540	U
75-15-0	Carbon Disulfide	270	U
75-09-2	Methylene Chloride	540	U
156-60-5	trans-1,2-Dichloroethene	540	U
75-35-3	1,1-Dichloroethane	270	U
108-05-4	Vinyl Acetate	820	U
78-93-3	2-Butanone	820	U
	cis-1,2-Dichloroethene	270	U
67-66-3	Chloroform	270	U
75-55-6	1,1,1-Trichloroethane	270	U
56-23-5	Carbon Tetrachloride	540	U
71-43-2	Benzene	270	U
107-06-2	1,2-Dichloroethane	540	U
79-01-6	Trichloroethene	270	U
78-87-5	1,2-Dichloropropane	270	U
75-27-4	Bromodichloromethane	270	U
110-75-8	2-Chloroethyl vinyl ether	540	U
10061-01-5	cis-1,3-Dichloropropene	270	U
108-10-1	4-Methyl-2-Pentanone	540	U
108-88-3	Toluene	270	U
10061-02-6	trans-1,3-Dichloropropene	540	U
79-00-5	1,1,2-Trichloroethane	540	U
127-18-4	Tetrachloroethene	270	U
591-78-6	2-Hexanone	540	U
126-48-1	Dibromochloromethane	540	U
108-90-7	Chlorobenzene	270	U
100-41-4	Ethylbenzene	540	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 242

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4533 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4533.39

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006677.D

Level: (low/med) MED Date Received: 6/4/99

% Moisture: not dec. 7.81 Date Analyzed: 6/15/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
1330-20-7	m+p-Xylenes	820	U
1330-20-7	o-Xylene	540	U
100-42-5	Styrene	540	U
75-25-2	Bromoform	540	U
79-34-5	1,1,2,2-Tetrachloroethane	540	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

M-8 242

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4533 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4533.39

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006677.D

Level: (low/med) MED Date Received: 6/4/99

% Moisture: not dec. 7.81 Date Analyzed: 6/15/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

	CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	000110-54-3	Hexane	10.00	3100	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 243

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4533 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4533.41

Sample wt/vol: 10.4 (g/ml) G Lab File ID: VA006678.D

Level: (low/med) MED Date Received: 6/4/99

% Moisture: not dec. 12.79 Date Analyzed: 6/15/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3600	U
1634044	Methyl-tert-Butyl ether	830	U
108203	Di-isopropyl ether	550	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	830	U
74-83-9	Bromomethane	550	U
75-00-3	Chloroethane	830	U
75-69-4	Trichlorofluoromethane	550	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	550	U
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	550	U
156-60-5	trans-1,2-Dichloroethene	550	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	830	U
78-93-3	2-Butanone	830	U
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	280	U
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	550	U
71-43-2	Benzene	280	U
107-06-2	1,2-Dichloroethane	550	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	550	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	550	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	550	U
79-00-5	1,1,2-Trichloroethane	550	U
127-18-4	Tetrachloroethene	280	U
591-78-6	2-Hexanone	550	U
126-48-1	Dibromochloromethane	550	U
108-90-7	Chlorobenzene	280	U
100-41-4	Ethylbenzene	550	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 243

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4533 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4533.41

Sample wt/vol: 10.4 (g/ml) G Lab File ID: VA006678.D

Level: (low/med) MED Date Received: 6/4/99

% Moisture: not dec. 12.79 Date Analyzed: 6/15/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	830	U
1330-20-7	o-Xylene	550	U
100-42-5	Styrene	550	U
75-25-2	Bromoform	550	U
79-34-5	1,1,2,2-Tetrachloroethane	550	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

M-8 243

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4533 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4533.41

Sample wt/vol: 10.4 (g/ml) G Lab File ID: VA006678.D

Level: (low/med) MED Date Received: 6/4/99

% Moisture: not dec. 12.79 Date Analyzed: 6/15/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	10.00	3000	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 244

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4533 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4533.43

Sample wt/vol: 7.7 (g/ml) G Lab File ID: VA006679.D

Level: (low/med) MED Date Received: 6/4/99

% Moisture: not dec. 9.57 Date Analyzed: 6/15/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2500	U
107131	Acrylonitrile	2500	U
75650	tert-Butyl alcohol	4700	U
1634044	Methyl-tert-Butyl ether	1100	U
108203	Di-isopropyl ether	720	U
	Dichlorodifluoromethane	1400	U
74-87-3	Chloromethane	360	U
75-01-4	Vinyl Chloride	1100	U
74-83-9	Bromomethane	720	U
75-00-3	Chloroethane	1100	U
75-69-4	Trichlorofluoromethane	720	U
75-35-4	1,1-Dichloroethene	360	U
67-64-1	Acetone	720	U
75-15-0	Carbon Disulfide	360	U
75-09-2	Methylene Chloride	720	U
156-60-5	trans-1,2-Dichloroethene	720	U
75-35-3	1,1-Dichloroethane	360	U
108-05-4	Vinyl Acetate	1100	U
78-93-3	2-Butanone	1100	U
	cis-1,2-Dichloroethene	360	U
67-66-3	Chloroform	360	U
75-55-6	1,1,1-Trichloroethane	360	U
56-23-5	Carbon Tetrachloride	720	U
71-43-2	Benzene	360	U
107-06-2	1,2-Dichloroethane	720	U
79-01-6	Trichloroethene	360	U
78-87-5	1,2-Dichloropropane	360	U
75-27-4	Bromodichloromethane	360	U
110-75-8	2-Chloroethyl vinyl ether	720	U
10061-01-5	cis-1,3-Dichloropropene	360	U
108-10-1	4-Methyl-2-Pentanone	720	U
108-88-3	Toluene	360	U
10061-02-6	trans-1,3-Dichloropropene	720	U
79-00-5	1,1,2-Trichloroethane	720	U
127-18-4	Tetrachloroethene	360	U
591-78-6	2-Hexanone	720	U
126-48-1	Dibromochloromethane	720	U
108-90-7	Chlorobenzene	360	U
100-41-4	Ethylbenzene	720	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 244

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4533 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4533.43

Sample wt/vol: 7.7 (g/ml) G Lab File ID: VA006679.D

Level: (low/med) MED Date Received: 6/4/99

% Moisture: not dec. 9.57 Date Analyzed: 6/15/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	1100	U
1330-20-7	o-Xylene	720	U
100-42-5	Styrene	720	U
75-25-2	Bromoform	720	U
79-34-5	1,1,2,2-Tetrachloroethane	720	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

M-8 244

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4533 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4533.43

Sample wt/vol: 7.7 (g/ml) G Lab File ID: VA006679.D

Level: (low/med) MED Date Received: 6/4/99

% Moisture: not dec. 9.57 Date Analyzed: 6/15/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	10.00	4200	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 245

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4533 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4533.45

Sample wt/vol: 10.6 (g/ml) G Lab File ID: VA006680.D

Level: (low/med) MED Date Received: 6/4/99

% Moisture: not dec. 4.99 Date Analyzed: 6/15/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
107028	Acrolein	1700	U
107131	Acrylonitrile	1700	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	990	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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 245

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4533 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4533.45

Sample wt/vol: 10.6 (g/ml) G Lab File ID: VA006680.D

Level: (low/med) MED Date Received: 6/4/99

% Moisture: not dec. 4.99 Date Analyzed: 6/15/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
1330-20-7	m+p-Xylenes	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.

M-8 245

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4533 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4533.45

Sample wt/vol: 10.6 (g/ml) G Lab File ID: VA006680.D

Level: (low/med) MED Date Received: 6/4/99

% Moisture: not dec. 4.99 Date Analyzed: 6/15/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	10.00	3100	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 246

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4533.47

Sample wt/vol: 9.5 (g/ml) G Lab File ID: VA006681.D

Level: (low/med) MED Date Received: 6/4/99

% Moisture: not dec. 5.28 Date Analyzed: 6/15/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3600	U
1634044	Methyl-tert-Butyl ether	830	U
108203	Di-isopropyl ether	550	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	830	U
74-83-9	Bromomethane	550	U
75-00-3	Chloroethane	830	U
75-69-4	Trichlorofluoromethane	550	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	550	U
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	550	U
156-60-5	trans-1,2-Dichloroethene	550	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	830	U
78-93-3	2-Butanone	830	U
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	280	U
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	550	U
71-43-2	Benzene	280	U
107-06-2	1,2-Dichloroethane	550	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	550	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	550	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	550	U
79-00-5	1,1,2-Trichloroethane	550	U
127-18-4	Tetrachloroethene	280	U
591-78-6	2-Hexanone	550	U
126-48-1	Dibromochloromethane	550	U
108-90-7	Chlorobenzene	280	U
100-41-4	Ethylbenzene	550	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 246

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4533.47

Sample wt/vol: 9.5 (g/ml) G Lab File ID: VA006681.D

Level: (low/med) MED Date Received: 6/4/99

% Moisture: not dec. 5.28 Date Analyzed: 6/15/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	830	U
1330-20-7	o-Xylene	550	U
100-42-5	Styrene	550	U
75-25-2	Bromoform	550	U
79-34-5	1,1,2,2-Tetrachloroethane	550	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

M-8 246

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4533 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4533.47

Sample wt/vol: 9.5 (g/ml) G Lab File ID: VA006681.D

Level: (low/med) MED Date Received: 6/4/99

% Moisture: not dec. 5.28 Date Analyzed: 6/15/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

	CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	000110-54-3	Hexane	10.03	2500	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 247

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4533 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4533.49

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VA006682.D

Level: (low/med) MED Date Received: 6/4/99

% Moisture: not dec. 10.51 Date Analyzed: 6/15/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil 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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 247

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4533 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4533.49

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VA006682.D

Level: (low/med) MED Date Received: 6/4/99

% Moisture: not dec. 10.51 Date Analyzed: 6/15/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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.

M-8 247

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4533.49

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VA006682.D

Level: (low/med) MED Date Received: 6/4/99

% Moisture: not dec. 10.51 Date Analyzed: 6/15/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	10.03	2500	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 248

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4533 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4533.51

Sample wt/vol: 10.5 (g/ml) G Lab File ID: VA006683.D

Level: (low/med) MED Date Received: 6/4/99

% Moisture: not dec. 10.98 Date Analyzed: 6/15/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3500	U
1634044	Methyl-tert-Butyl ether	800	U
108203	Di-isopropyl ether	540	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	270	U
75-01-4	Vinyl Chloride	800	U
74-83-9	Bromomethane	540	U
75-00-3	Chloroethane	800	U
75-69-4	Trichlorofluoromethane	540	U
75-35-4	1,1-Dichloroethene	270	U
67-64-1	Acetone	540	U
75-15-0	Carbon Disulfide	270	U
75-09-2	Methylene Chloride	540	U
156-60-5	trans-1,2-Dichloroethene	540	U
75-35-3	1,1-Dichloroethane	270	U
108-05-4	Vinyl Acetate	800	U
78-93-3	2-Butanone	800	U
	cis-1,2-Dichloroethene	270	U
67-66-3	Chloroform	270	U
75-55-6	1,1,1-Trichloroethane	270	U
56-23-5	Carbon Tetrachloride	540	U
71-43-2	Benzene	270	U
107-06-2	1,2-Dichloroethane	540	U
79-01-6	Trichloroethene	270	U
78-87-5	1,2-Dichloropropane	270	U
75-27-4	Bromodichloromethane	270	U
110-75-8	2-Chloroethyl vinyl ether	540	U
10061-01-5	cis-1,3-Dichloropropene	270	U
108-10-1	4-Methyl-2-Pentanone	540	U
108-88-3	Toluene	270	U
10061-02-6	trans-1,3-Dichloropropene	540	U
79-00-5	1,1,2-Trichloroethane	540	U
127-18-4	Tetrachloroethene	270	U
591-78-6	2-Hexanone	540	U
126-48-1	Dibromochloromethane	540	U
108-90-7	Chlorobenzene	270	U
100-41-4	Ethylbenzene	540	U

1A

FIELD ID.

M-8 248

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4533 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4533.51

Sample wt/vol: 10.5 (g/ml) G Lab File ID: VA006683.D

Level: (low/med) MED Date Received: 6/4/99

% Moisture: not dec. 10.98 Date Analyzed: 6/15/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	Q	
1330-20-7	m+p-Xylenes	800	U
1330-20-7	o-Xylene	540	U
100-42-5	Styrene	540	U
75-25-2	Bromoform	540	U
79-34-5	1,1,2,2-Tetrachloroethane	540	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

M-8 248

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4533.51

Sample wt/vol: 10.5 (g/ml) G Lab File ID: VA006683.D

Level: (low/med) MED Date Received: 6/4/99

% Moisture: not dec. 10.98 Date Analyzed: 6/15/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	10.00	2500	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 249

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4533.53

Sample wt/vol: 7.9 (g/ml) G Lab File ID: VA006684.D

Level: (low/med) MED Date Received: 6/4/99

% Moisture: not dec. 10.84 Date Analyzed: 6/15/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2500	U
107131	Acrylonitrile	2500	U
75650	tert-Butyl alcohol	4600	U
1634044	Methyl-tert-Butyl ether	1100	U
108203	Di-isopropyl ether	710	U
	Dichlorodifluoromethane	1400	U
74-87-3	Chloromethane	360	U
75-01-4	Vinyl Chloride	1100	U
74-83-9	Bromomethane	710	U
75-00-3	Chloroethane	1100	U
75-69-4	Trichlorofluoromethane	710	U
75-35-4	1,1-Dichloroethene	360	U
67-64-1	Acetone	710	U
75-15-0	Carbon Disulfide	360	U
75-09-2	Methylene Chloride	710	U
156-60-5	trans-1,2-Dichloroethene	710	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	710	U
71-43-2	Benzene	360	U
107-06-2	1,2-Dichloroethane	710	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	710	U
10061-01-5	cis-1,3-Dichloropropene	360	U
108-10-1	4-Methyl-2-Pentanone	710	U
108-88-3	Toluene	360	U
10061-02-6	trans-1,3-Dichloropropene	710	U
79-00-5	1,1,2-Trichloroethane	710	U
127-18-4	Tetrachloroethene	360	U
591-78-6	2-Hexanone	710	U
126-48-1	Dibromochloromethane	710	U
108-90-7	Chlorobenzene	360	U
100-41-4	Ethylbenzene	710	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 249

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4533 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4533.53

Sample wt/vol: 7.9 (g/ml) G Lab File ID: VA006684.D

Level: (low/med) MED Date Received: 6/4/99

% Moisture: not dec. 10.84 Date Analyzed: 6/15/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	1100	U
1330-20-7	o-Xylene	710	U
100-42-5	Styrene	710	U
75-25-2	Bromoform	710	U
79-34-5	1,1,2,2-Tetrachloroethane	710	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

M-8 249

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4533 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4533.53

Sample wt/vol: 7.9 (g/ml) G Lab File ID: VA006684.D

Level: (low/med) MED Date Received: 6/4/99

% Moisture: not dec. 10.84 Date Analyzed: 6/15/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	10.00	4400	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 250

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4533 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4533.55

Sample wt/vol: 7.8 (g/ml) G Lab File ID: VA006685.D

Level: (low/med) MED Date Received: 6/4/99

% Moisture: not dec. 8.18 Date Analyzed: 6/15/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2400	U
107131	Acrylonitrile	2400	U
75650	tert-Butyl alcohol	4500	U
1634044	Methyl-tert-Butyl ether	1000	U
108203	Di-isopropyl ether	700	U
	Dichlorodifluoromethane	1400	U
74-87-3	Chloromethane	350	U
75-01-4	Vinyl Chloride	1000	U
74-83-9	Bromomethane	700	U
75-00-3	Chloroethane	1000	U
75-69-4	Trichlorofluoromethane	700	U
75-35-4	1,1-Dichloroethene	350	U
67-64-1	Acetone	700	U
75-15-0	Carbon Disulfide	350	U
75-09-2	Methylene Chloride	700	U
156-60-5	trans-1,2-Dichloroethene	700	U
75-35-3	1,1-Dichloroethane	350	U
108-05-4	Vinyl Acetate	1000	U
78-93-3	2-Butanone	1000	U
	cis-1,2-Dichloroethene	350	U
67-66-3	Chloroform	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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 250

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4533 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4533.55

Sample wt/vol: 7.8 (g/ml) G Lab File ID: VA006685.D

Level: (low/med) MED Date Received: 6/4/99

% Moisture: not dec. 8.18 Date Analyzed: 6/15/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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.

M-8 250

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4533 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4533.55

Sample wt/vol: 7.8 (g/ml) G Lab File ID: VA006685.D

Level: (low/med) MED Date Received: 6/4/99

% Moisture: not dec. 8.18 Date Analyzed: 6/15/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	10.00	4000	JN

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS

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

WET-CHEM - METALS - ORGANICS - FIELD SAMPLING

CERTIFICATIONS: NJDEP #13461, NYSDOH #11699

ANALYTICAL DATA REPORT
Fort Monmouth Environmental Laboratory
ENVIRONMENTAL DIVISION
Fort Monmouth, New Jersey
PROJECT: M-8 Landfill

M-8/Landfill
Volume III

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SEMI-VOLATILE ORGANICS

METHOD BLANKS

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Sblk164

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4045 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk164

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA01320.D

Level: (low/med) LOW Date Received: 11/10/98

% Moisture: 0 decanted:(Y/N) N Date Extracted: 11/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/19/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1000	U
62-75-9	N-nitroso-dimethylamine	1000	U
62-53-3	Aniline	1000	U
108-95-2	Phenol	1000	U
111-44-4	bis(2-Chloroethyl)ether	1000	U
95-57-8	2-Chlorophenol	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
100-51-6	Benzyl alcohol	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
	4-Methylphenol	1000	U
621-64-7	n-Nitroso-di-n-propylamine	1000	U
67-72-1	Hexachloroethane	1000	U
98-95-3	Nitrobenzene	1000	U
78-59-1	Isophorone	1000	U
88-75-5	2-Nitrophenol	1000	U
105-67-9	2,4-Dimethylphenol	1000	U
111-91-1	bis(2-Chloroethoxy)methane	1000	U
120-83-2	2,4-Dichlorophenol	1000	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	1000	U
91-20-3	Naphthalene	1000	U
106-47-8	4-Chloroaniline	1000	U
87-68-3	Hexachlorobutadiene	1000	U
59-50-7	4-Chloro-3-methylphenol	1000	U
91-57-6	2-Methylnaphthalene	1000	U
77-47-4	Hexachlorocyclopentadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	1000	U
	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	1000	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	1000	U
208-96-8	Acenaphthylene	1000	U
606-20-2	2,6-Dinitrotoluene	1000	U
99-09-2	3-Nitroaniline	1000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Sblk164

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4045 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk164

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA01320.D

Level: (low/med) LOW Date Received: 11/10/98

% Moisture: 0 decanted:(Y/N) N Date Extracted: 11/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/19/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	1000	U
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	640	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 FIELD ID.

TENTATIVELY IDENTIFIED COMPOUNDS

Sblk164

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4045 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk164

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA01320.D

Level: (low/med) LOW Date Received: 11/10/98

% Moisture: 0 decanted: (Y/N) N Date Extracted: 11/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/19/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 3 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	18.77	840	J
2. 001454-84-8	1-Nonadecanol	24.23	2200	JN
3.	unknown	26.37	1400	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Sblk165

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4045 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk165

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA01322.D

Level: (low/med) LOW Date Received: 11/10/98

% Moisture: 0 decanted:(Y/N) N Date Extracted: 11/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/20/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1000	U
62-75-9	N-nitroso-dimethylamine	1000	U
62-53-3	Aniline	1000	U
108-95-2	Phenol	1000	U
111-44-4	bis(2-Chloroethyl)ether	1000	U
95-57-8	2-Chlorophenol	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
100-51-6	Benzyl alcohol	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
	4-Methylphenol	1000	U
621-64-7	n-Nitroso-di-n-propylamine	1000	U
67-72-1	Hexachloroethane	1000	U
98-95-3	Nitrobenzene	1000	U
78-59-1	Isophorone	1000	U
88-75-5	2-Nitrophenol	1000	U
105-67-9	2,4-Dimethylphenol	1000	U
111-91-1	bis(2-Chloroethoxy)methane	1000	U
120-83-2	2,4-Dichlorophenol	1000	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	1000	U
91-20-3	Naphthalene	1000	U
106-47-8	4-Chloroaniline	1000	U
87-68-3	Hexachlorobutadiene	1000	U
59-50-7	4-Chloro-3-methylphenol	1000	U
91-57-6	2-Methylnaphthalene	1000	U
77-47-4	Hexachlorocyclopentadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	1000	U
	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	1000	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	1000	U
208-96-8	Acenaphthylene	1000	U
606-20-2	2,6-Dinitrotoluene	1000	U
99-09-2	3-Nitroaniline	1000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Sblk165

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4045 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk165

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA01322.D

Level: (low/med) LOW Date Received: 11/10/98

% Moisture: 0 decanted:(Y/N) N Date Extracted: 11/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/20/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	1000	U
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	470	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 FIELD ID.

TENTATIVELY IDENTIFIED COMPOUNDS

Sblk165

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4045 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk165

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA01322.D

Level: (low/med) LOW Date Received: 11/10/98

% Moisture: 0 decanted: (Y/N) N Date Extracted: 11/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/20/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 3 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.77	1100	JN
2. 000112-92-5	1-Octadecanol	24.22	1500	JN
3.	unknown	26.38	1600	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Sblk173

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4095 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk173

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA01475.D

Level: (low/med) LOW Date Received: 11/30/98

% Moisture: 0 decanted:(Y/N) N Date Extracted: 12/01/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/02/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1000	U
62-75-9	N-nitroso-dimethylamine	1000	U
62-53-3	Aniline	1000	U
108-95-2	Phenol	1000	U
111-44-4	bis(2-Chloroethyl)ether	1000	U
95-57-8	2-Chlorophenol	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
100-51-6	Benzyl alcohol	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
	4-Methylphenol	1000	U
621-64-7	n-Nitroso-di-n-propylamine	1000	U
67-72-1	Hexachloroethane	1000	U
98-95-3	Nitrobenzene	1000	U
78-59-1	Isophorone	1000	U
88-75-5	2-Nitrophenol	1000	U
105-67-9	2,4-Dimethylphenol	1000	U
111-91-1	bis(2-Chloroethoxy)methane	1000	U
120-83-2	2,4-Dichlorophenol	1000	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	1000	U
91-20-3	Naphthalene	1000	U
106-47-8	4-Chloroaniline	1000	U
87-68-3	Hexachlorobutadiene	1000	U
59-50-7	4-Chloro-3-methylphenol	1000	U
91-57-6	2-Methylnaphthalene	1000	U
77-47-4	Hexachlorocyclopentadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	1000	U
	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	1000	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	1000	U
208-96-8	Acenaphthylene	1000	U
606-20-2	2,6-Dinitrotoluene	1000	U
99-09-2	3-Nitroaniline	1000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Sblk173

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4095 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk173

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA01475.D

Level: (low/med) LOW Date Received: 11/30/98

% Moisture: 0 decanted:(Y/N) N Date Extracted: 12/01/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/02/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	1000	U
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	500	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	19000	E
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 FIELD ID.

TENTATIVELY IDENTIFIED COMPOUNDS

Sblk173

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4095 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk173

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA01475.D

Level: (low/med) LOW Date Received: 11/30/98

% Moisture: 0 decanted: (Y/N) N Date Extracted: 12/01/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/02/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 4 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	12.63	970	J
2. 074367-34-3	Propanoic acid, 2-methyl-, 3-hydr	12.92	1200	JN
3. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.60	1000	JN
4. 001599-67-3	1-Docosene	24.05	2000	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Sblk183

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4145 Location: M8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk183

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA01754.D

Level: (low/med) LOW Date Received: 12/16/98

% Moisture: 0 decanted:(Y/N) N Date Extracted: 12/18/98

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1000	U
62-75-9	N-nitroso-dimethylamine	1000	U
62-53-3	Aniline	1000	U
108-95-2	Phenol	1000	U
111-44-4	bis(2-Chloroethyl)ether	1000	U
95-57-8	2-Chlorophenol	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
100-51-6	Benzyl alcohol	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
	4-Methylphenol	1000	U
621-64-7	n-Nitroso-di-n-propylamine	1000	U
67-72-1	Hexachloroethane	1000	U
98-95-3	Nitrobenzene	1000	U
78-59-1	Isophorone	1000	U
88-75-5	2-Nitrophenol	1000	U
105-67-9	2,4-Dimethylphenol	1000	U
111-91-1	bis(2-Chloroethoxy)methane	1000	U
120-83-2	2,4-Dichlorophenol	1000	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	1000	U
91-20-3	Naphthalene	1000	U
106-47-8	4-Chloroaniline	1000	U
87-68-3	Hexachlorobutadiene	1000	U
59-50-7	4-Chloro-3-methylphenol	1000	U
91-57-6	2-Methylnaphthalene	1000	U
77-47-4	Hexachlorocyclopentadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	1000	U
	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	1000	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	1000	U
208-96-8	Acenaphthylene	1000	U
606-20-2	2,6-Dinitrotoluene	1000	U
99-09-2	3-Nitroaniline	1000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Sblk183

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4145 Location: M8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk183

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA01754.D

Level: (low/med) LOW Date Received: 12/16/98

% Moisture: 0 decanted:(Y/N) N Date Extracted: 12/18/98

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	160	J
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	790	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 FIELD ID.

TENTATIVELY IDENTIFIED COMPOUNDS

Sblk183

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4145 Location: M8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk183

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA01754.D

Level: (low/med) LOW Date Received: 12/16/98

% Moisture: 0 decanted: (Y/N) N Date Extracted: 12/18/98

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: 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	18.56	4300	JN
2. 074685-30-6	5-Eicosene, (E)-	24.01	1900	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Sblk184

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4145 Location: M8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk184

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA01756.D

Level: (low/med) LOW Date Received: 12/16/98

% Moisture: 0 decanted:(Y/N) N Date Extracted: 12/21/98

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1000	U
62-75-9	N-nitroso-dimethylamine	1000	U
62-53-3	Aniline	1000	U
108-95-2	Phenol	1000	U
111-44-4	bis(2-Chloroethyl)ether	1000	U
95-57-8	2-Chlorophenol	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
100-51-6	Benzyl alcohol	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
	4-Methylphenol	1000	U
621-64-7	n-Nitroso-di-n-propylamine	1000	U
67-72-1	Hexachloroethane	1000	U
98-95-3	Nitrobenzene	1000	U
78-59-1	Isophorone	1000	U
88-75-5	2-Nitrophenol	1000	U
105-67-9	2,4-Dimethylphenol	1000	U
111-91-1	bis(2-Chloroethoxy)methane	1000	U
120-83-2	2,4-Dichlorophenol	1000	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	1000	U
91-20-3	Naphthalene	1000	U
106-47-8	4-Chloroaniline	1000	U
87-68-3	Hexachlorobutadiene	1000	U
59-50-7	4-Chloro-3-methylphenol	1000	U
91-57-6	2-Methylnaphthalene	1000	U
77-47-4	Hexachlorocyclopentadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	1000	U
	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	1000	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	1000	U
208-96-8	Acenaphthylene	1000	U
606-20-2	2,6-Dinitrotoluene	1000	U
99-09-2	3-Nitroaniline	1000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Sblk184

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4145 Location: M8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk184

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA01756.D

Level: (low/med) LOW Date Received: 12/16/98

% Moisture: 0 decanted:(Y/N) N Date Extracted: 12/21/98

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	1000	U
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	300	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 FIELD ID.

TENTATIVELY IDENTIFIED COMPOUNDS

Sblk184

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4145 Location: M8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk184

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA01756.D

Level: (low/med) LOW Date Received: 12/16/98

% Moisture: 0 decanted: (Y/N) N Date Extracted: 12/21/98

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: 1 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 074685-30-6	5-Eicosene, (E)-	24.01	2000	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Sblk193

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4194 Location: M-8 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: 01/19/99

% Moisture: 0 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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1000	U
62-75-9	N-nitroso-dimethylamine	1000	U
62-53-3	Aniline	1000	U
108-95-2	Phenol	1000	U
111-44-4	bis(2-Chloroethyl)ether	1000	U
95-57-8	2-Chlorophenol	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
100-51-6	Benzyl alcohol	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
	4-Methylphenol	1000	U
621-64-7	n-Nitroso-di-n-propylamine	1000	U
67-72-1	Hexachloroethane	1000	U
98-95-3	Nitrobenzene	1000	U
78-59-1	Isophorone	1000	U
88-75-5	2-Nitrophenol	1000	U
105-67-9	2,4-Dimethylphenol	1000	U
111-91-1	bis(2-Chloroethoxy)methane	1000	U
120-83-2	2,4-Dichlorophenol	1000	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	1000	U
91-20-3	Naphthalene	1000	U
106-47-8	4-Chloroaniline	1000	U
87-68-3	Hexachlorobutadiene	1000	U
59-50-7	4-Chloro-3-methylphenol	1000	U
91-57-6	2-Methylnaphthalene	1000	U
77-47-4	Hexachlorocyclopentadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	1000	U
	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	1000	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	1000	U
208-96-8	Acenaphthylene	1000	U
606-20-2	2,6-Dinitrotoluene	1000	U
99-09-2	3-Nitroaniline	1000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Sblk193

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4194 Location: M-8 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: 01/19/99

% Moisture: 0 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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	1000	U
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	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 FIELD ID.

TENTATIVELY IDENTIFIED COMPOUNDS

Sblk193

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4194 Location: M-8 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: 01/19/99

% Moisture: 0 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. 000112-88-9	1-Octadecene	23.89	1400	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Sblk194

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4194 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk194

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA01996.D

Level: (low/med) LOW Date Received: 01/19/99

% Moisture: 0 decanted:(Y/N) N Date Extracted: 01/21/99

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1000	U
62-75-9	N-nitroso-dimethylamine	1000	U
62-53-3	Aniline	1000	U
108-95-2	Phenol	1000	U
111-44-4	bis(2-Chloroethyl)ether	1000	U
95-57-8	2-Chlorophenol	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
100-51-6	Benzyl alcohol	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
	4-Methylphenol	1000	U
621-64-7	n-Nitroso-di-n-propylamine	1000	U
67-72-1	Hexachloroethane	1000	U
98-95-3	Nitrobenzene	1000	U
78-59-1	Isophorone	1000	U
88-75-5	2-Nitrophenol	1000	U
105-67-9	2,4-Dimethylphenol	1000	U
111-91-1	bis(2-Chloroethoxy)methane	1000	U
120-83-2	2,4-Dichlorophenol	1000	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	1000	U
91-20-3	Naphthalene	1000	U
106-47-8	4-Chloroaniline	1000	U
87-68-3	Hexachlorobutadiene	1000	U
59-50-7	4-Chloro-3-methylphenol	1000	U
91-57-6	2-Methylnaphthalene	1000	U
77-47-4	Hexachlorocyclopentadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	1000	U
	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	1000	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	1000	U
208-96-8	Acenaphthylene	1000	U
606-20-2	2,6-Dinitrotoluene	1000	U
99-09-2	3-Nitroaniline	1000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Sblk194

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4194 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk194

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA01996.D

Level: (low/med) LOW Date Received: 01/19/99

% Moisture: 0 decanted:(Y/N) N Date Extracted: 01/21/99

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	1000	U
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	890	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.

Sblk194

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4194 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk194

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA01996.D

Level: (low/med) LOW Date Received: 01/19/99

% Moisture: 0 decanted: (Y/N) N Date Extracted: 01/21/99

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. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.42	1800	JN
2. 001599-67-3	1-Docosene	23.87	1300	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Sblk215

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4351 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk215

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA02241.D

Level: (low/med) LOW Date Received: 3/16/99

% Moisture: 0 decanted:(Y/N) N Date Extracted: 3/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/18/99

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	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

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Sblk215

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4351 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk215

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA02241.D

Level: (low/med) LOW Date Received: 3/16/99

% Moisture: 0 decanted:(Y/N) N Date Extracted: 3/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/18/99

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	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	760	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	240	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.

Sblk215

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4351 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk215

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA02241.D

Level: (low/med) LOW Date Received: 3/16/99

% Moisture: 0 decanted: (Y/N) N Date Extracted: 3/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/18/99

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, bul	18.23	1400	JN
2. 019047-85-9	Phosphonic acid, dioctadecyl este	23.70	4000	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Sblk216

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4354 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk216

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA02269.D

Level: (low/med) LOW Date Received: 3/17/99

% Moisture: 0 decanted:(Y/N) N Date Extracted: 3/19/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/22/99

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	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

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Sblk216

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4354 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk216

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA02269.D

Level: (low/med) LOW Date Received: 3/17/99

% Moisture: 0 decanted:(Y/N) N Date Extracted: 3/19/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/22/99

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	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	780	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	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.

Sblk216

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4354 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk216

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA02269.D

Level: (low/med) LOW Date Received: 3/17/99

% Moisture: 0 decanted: (Y/N) N Date Extracted: 3/19/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/22/99

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	18.24	870	JN
2. 001454-84-8	1-Nonadecanol	23.71	1800	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Sblk217

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4357 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk217

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA02288.D

Level: (low/med) LOW Date Received: 3/18/99

% Moisture: 0 decanted:(Y/N) N Date Extracted: 3/19/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/23/99

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	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

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Sblk217

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4357 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk217

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA02288.D

Level: (low/med) LOW Date Received: 3/18/99

% Moisture: 0 decanted:(Y/N) N Date Extracted: 3/19/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/23/99

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	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	430	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.

Sblk217

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4357 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk217

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA02288.D

Level: (low/med) LOW Date Received: 3/18/99

% Moisture: 0 decanted: (Y/N) N Date Extracted: 3/19/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/23/99

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)-	23.72	2700	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Sblk220

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4357 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk220

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA02347.D

Level: (low/med) LOW Date Received: 3/18/99

% Moisture: 0 decanted:(Y/N) N Date Extracted: 3/26/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/1/99

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	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.

Sblk220

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4357 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk220

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA02347.D

Level: (low/med) LOW Date Received: 3/18/99

% Moisture: 0 decanted:(Y/N) N Date Extracted: 3/26/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/1/99

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	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	1000	U
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	440	J
206-44-0	Fluoranthene	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.

Sblk220

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4357 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk220

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA02347.D

Level: (low/med) LOW Date Received: 3/18/99

% Moisture: 0 decanted: (Y/N) N Date Extracted: 3/26/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/1/99

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	25.71	1500	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Sblk223

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk223

Sample wt/vol: 10 (g/ml) G Lab File ID: BN02958.D

Level: (low/med) LOW Date Received: 3/29/99

% Moisture: 0 decanted:(Y/N) N Date Extracted: 3/30/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/2/99

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	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

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Sblk223

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk223

Sample wt/vol: 10 (g/ml) G Lab File ID: BN02958.D

Level: (low/med) LOW Date Received: 3/29/99

% Moisture: 0 decanted:(Y/N) N Date Extracted: 3/30/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/2/99

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	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	680	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.

Sblk223

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk223

Sample wt/vol: 10 (g/ml) G Lab File ID: BN02958.D

Level: (low/med) LOW Date Received: 3/29/99

% Moisture: 0 decanted: (Y/N) N Date Extracted: 3/30/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/2/99

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. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.45	1300	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Sblk224

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK224

Sample wt/vol: 10 (g/ml) G Lab File ID: BN02965.D

Level: (low/med) LOW Date Received: 3/29/99

% Moisture: 0 decanted:(Y/N) N Date Extracted: 3/31/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/2/99

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	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

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Sblk224

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK224

Sample wt/vol: 10 (g/ml) G Lab File ID: BN02965.D

Level: (low/med) LOW Date Received: 3/29/99

% Moisture: 0 decanted:(Y/N) N Date Extracted: 3/31/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/2/99

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	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	1000	U
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	420	J
206-44-0	Fluoranthene	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	140	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.

Sblk224

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK224

Sample wt/vol: 10 (g/ml) G Lab File ID: BN02965.D

Level: (low/med) LOW Date Received: 3/29/99

% Moisture: 0 decanted: (Y/N) N Date Extracted: 3/31/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/2/99

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	1200	JN
2. 001599-67-3	1-Docosene	23.85	1900	JN

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Sblk225

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk225

Sample wt/vol: 10 (g/ml) G Lab File ID: BN02976.D

Level: (low/med) LOW Date Received: 3/30/99

% Moisture: 0 decanted:(Y/N) N Date Extracted: 3/31/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/5/99

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	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

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Sblk225

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk225

Sample wt/vol: 10 (g/ml) G Lab File ID: BN02976.D

Level: (low/med) LOW Date Received: 3/30/99

% Moisture: 0 decanted:(Y/N) N Date Extracted: 3/31/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/5/99

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	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	280	J
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	280	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: **Sblk225**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk225

Sample wt/vol: 10 (g/ml) G Lab File ID: BN02976.D

Level: (low/med) LOW Date Received: 3/30/99

% Moisture: 0 decanted: (Y/N) N Date Extracted: 3/31/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/5/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	001454-84-8	1-Nonadecanol	23.85	2400	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **Sblk226**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4389 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk226

Sample wt/vol: 10 (g/ml) G Lab File ID: BN03007.D

Level: (low/med) LOW Date Received: 4/1/99

% Moisture: 0 decanted:(Y/N) N Date Extracted: 4/5/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/7/99

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	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

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Sblk226

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4389 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk226

Sample wt/vol: 10 (g/ml) G Lab File ID: BN03007.D

Level: (low/med) LOW Date Received: 4/1/99

% Moisture: 0 decanted:(Y/N) N Date Extracted: 4/5/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/7/99

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	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	150	J
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	270	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: **Sblk226**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4389 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk226

Sample wt/vol: 10 (g/ml) G Lab File ID: BN03007.D

Level: (low/med) LOW Date Received: 4/1/99

% Moisture: 0 decanted: (Y/N) N Date Extracted: 4/5/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/7/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000112-92-5	1-Octadecanol	23.86	3200	JN

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Sblk228

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4394 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk228

Sample wt/vol: 10 (g/ml) G Lab File ID: BN03023.D

Level: (low/med) LOW Date Received: 4/5/99

% Moisture: 0 decanted:(Y/N) N Date Extracted: 4/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/8/99

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	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: **Sblk228**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4394 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk228

Sample wt/vol: 10 (g/ml) G Lab File ID: BN03023.D

Level: (low/med) LOW Date Received: 4/5/99

% Moisture: 0 decanted:(Y/N) N Date Extracted: 4/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/8/99

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	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	130	J
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	630	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: **Sblk228**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4394 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk228

Sample wt/vol: 10 (g/ml) G Lab File ID: BN03023.D

Level: (low/med) LOW Date Received: 4/5/99

% Moisture: 0 decanted: (Y/N) N Date Extracted: 4/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/8/99

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.	unknown	18.44	1200	J
2. 000112-92-5	1-Octadecanol	23.86	2800	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Sblk229

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk229

Sample wt/vol: 10 (g/ml) G Lab File ID: BN03056.D

Level: (low/med) LOW Date Received: 4/8/99

% Moisture: 0 decanted:(Y/N) N Date Extracted: 4/9/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/12/99

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	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

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Sblk229

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk229

Sample wt/vol: 10 (g/ml) G Lab File ID: BN03056.D

Level: (low/med) LOW Date Received: 4/8/99

% Moisture: 0 decanted:(Y/N) N Date Extracted: 4/9/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/12/99

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	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	110	J
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	750	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.

Sblk229

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk229

Sample wt/vol: 10 (g/ml) G Lab File ID: BN03056.D

Level: (low/med) LOW Date Received: 4/8/99

% Moisture: 0 decanted: (Y/N) N Date Extracted: 4/9/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/12/99

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	18.43	1600	JN
2. 001599-67-3	1-Docosene	23.84	2800	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Sblk231

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk231

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA02461.D

Level: (low/med) LOW Date Received: 4/8/99

% Moisture: 0 decanted:(Y/N) N Date Extracted: 4/13/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/15/99

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	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

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Sblk231

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk231

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA02461.D

Level: (low/med) LOW Date Received: 4/8/99

% Moisture: 0 decanted:(Y/N) N Date Extracted: 4/13/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/15/99

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	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	430	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.

Sblk231

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk231

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA02461.D

Level: (low/med) LOW Date Received: 4/8/99

% Moisture: 0 decanted: (Y/N) N Date Extracted: 4/13/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/15/99

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.	unknown	8.54	630	J
2. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	20.21	820	JN
3. 001599-67-3	1-Docosene	25.67	1100	JN

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Sblk232

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4413 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk232

Sample wt/vol: 10 (g/ml) G Lab File ID: BN03091.D

Level: (low/med) LOW Date Received: 4/13/99

% Moisture: 0 decanted:(Y/N) N Date Extracted: 4/14/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/15/99

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	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

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Sblk232

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4413 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: Sblk232

Sample wt/vol: 10 (g/ml) G Lab File ID: BN03091.D

Level: (low/med) LOW Date Received: 4/13/99

% Moisture: 0 decanted:(Y/N) N Date Extracted: 4/14/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/15/99

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	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	1000	U
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	1000	
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: **Sblk232**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4413 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk232

Sample wt/vol: 10 (g/ml) G Lab File ID: BN03091.D

Level: (low/med) LOW Date Received: 4/13/99

% Moisture: 0 decanted: (Y/N) N Date Extracted: 4/14/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/15/99

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.	unknown	18.40	2600	J
2. 001454-84-8	1-Nonadecanol	23.81	4900	JN
3. 001599-67-3	1-Docosene	28.05	1000	JN

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Sblk236

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4413 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk236

Sample wt/vol: 10 (g/ml) G Lab File ID: BN03138.D

Level: (low/med) LOW Date Received: 4/13/99

% Moisture: 0 decanted:(Y/N) N Date Extracted: 4/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/22/99

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	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: **Sblk236**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4413 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk236

Sample wt/vol: 10 (g/ml) G Lab File ID: BN03138.D

Level: (low/med) LOW Date Received: 4/13/99

% Moisture: 0 decanted:(Y/N) N Date Extracted: 4/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/22/99

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	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	680	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: **Sblk236**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4413 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk236

Sample wt/vol: 10 (g/ml) G Lab File ID: BN03138.D

Level: (low/med) LOW Date Received: 4/13/99

% Moisture: 0 decanted: (Y/N) N Date Extracted: 4/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/22/99

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. 074367-34-3	Propanoic acid, 2-methyl-, 3-hydr	12.73	650	JN
2. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.38	1200	JN
3. 001599-67-3	1-Docosene	23.79	3300	JN
4.	unknown	28.03	640	J

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Sblk245

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4469 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk245

Sample wt/vol: 10 (g/ml) G Lab File ID: BN03220.D

Level: (low/med) LOW Date Received: 5/7/99

% Moisture: 0 decanted:(Y/N) N Date Extracted: 5/11/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/13/99

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	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

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Sblk245

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4469 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk245

Sample wt/vol: 10 (g/ml) G Lab File ID: BN03220.D

Level: (low/med) LOW Date Received: 5/7/99

% Moisture: 0 decanted:(Y/N) N Date Extracted: 5/11/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/13/99

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	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	240	J
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	390	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: **Sblk245**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4469 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk245

Sample wt/vol: 10 (g/ml) G Lab File ID: BN03220.D

Level: (low/med) LOW Date Received: 5/7/99

% Moisture: 0 decanted: (Y/N) N Date Extracted: 5/11/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/13/99

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	18.35	1100	JN
2. 019047-85-9	Phosphonic acid, dioctadecyl este	23.76	5700	JN
3. 006971-40-0	17-Pentatriacontene	25.27	500	JN
4. 001599-67-3	1-Docosene	28.01	880	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Sblk246

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4473 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk246

Sample wt/vol: 10 (g/ml) G Lab File ID: BN03235.D

Level: (low/med) LOW Date Received: 5/10/99

% Moisture: 0 decanted:(Y/N) N Date Extracted: 5/13/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/17/99

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	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

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Sblk246

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4473 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk246

Sample wt/vol: 10 (g/ml) G Lab File ID: BN03235.D

Level: (low/med) LOW Date Received: 5/10/99

% Moisture: 0 decanted:(Y/N) N Date Extracted: 5/13/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/17/99

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	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	150	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.

Sblk246

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4473 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: Sblk246

Sample wt/vol: 10 (g/ml) G Lab File ID: BN03235.D

Level: (low/med) LOW Date Received: 5/10/99

% Moisture: 0 decanted: (Y/N) N Date Extracted: 5/13/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/17/99

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. 001454-84-8	1-Nonadecanol	23.75	4700	JN
2. 000506-52-5	1-Hexacosanol	25.25	420	JN
3. 000506-51-4	1-Tetracosanol	27.98	740	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Sblk247

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4474 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk247

Sample wt/vol: 10 (g/ml) G Lab File ID: BN03260.D

Level: (low/med) LOW Date Received: 5/11/99

% Moisture: 0 decanted:(Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/18/99

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	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

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Sblk247

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4474 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk247

Sample wt/vol: 10 (g/ml) G Lab File ID: BN03260.D

Level: (low/med) LOW Date Received: 5/11/99

% Moisture: 0 decanted:(Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/18/99

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	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	620	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.

Sblk247

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4474 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: Sblk247

Sample wt/vol: 10 (g/ml) G Lab File ID: BN03260.D

Level: (low/med) LOW Date Received: 5/11/99

% Moisture: 0 decanted: (Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/18/99

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.	000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.33	1800	JN
2.	001599-67-3	1-Docosene	23.75	5500	JN
3.	006971-40-0	17-Pentatriacontene	25.25	540	JN
4.	001653-33-4	4-Tetradecanol	27.97	960	JN

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Sblk248

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4481 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk248

Sample wt/vol: 10 (g/ml) G Lab File ID: BN03288.D

Level: (low/med) LOW Date Received: 5/13/99

% Moisture: 0 decanted:(Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/20/99

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	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
95-48-7	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
106-44-5	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
95-95-4	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

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Sblk248

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4481 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk248

Sample wt/vol: 10 (g/ml) G Lab File ID: BN03288.D

Level: (low/med) LOW Date Received: 5/13/99

% Moisture: 0 decanted:(Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/20/99

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	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	580	J
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	250	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

EPA SAMPLE NO.

Sblk248

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4481 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk248

Sample wt/vol: 10 (g/ml) G Lab File ID: BN03288.D

Level: (low/med) LOW Date Received: 5/13/99

% Moisture: 0 decanted: (Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/20/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 5 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.33	610	JN
2. 001454-84-8	1-Nonadecanol	23.75	6700	JN
3. 006624-79-9	1-Dotriacontanol	25.26	560	JN
4. 001599-67-3	1-Docosene	27.99	1400	JN
5. 006624-79-9	1-Dotriacontanol	29.23	510	JN

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Sblk250

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4481 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk250

Sample wt/vol: 10 (g/ml) G Lab File ID: BN03324.D

Level: (low/med) LOW Date Received: 5/13/99

% Moisture: 0 decanted:(Y/N) N Date Extracted: 5/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/24/99

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	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
95-48-7	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
106-44-5	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
95-95-4	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

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Sblk250

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4481 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk250

Sample wt/vol: 10 (g/ml) G Lab File ID: BN03324.D

Level: (low/med) LOW Date Received: 5/13/99

% Moisture: 0 decanted:(Y/N) N Date Extracted: 5/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/24/99

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	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	330	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

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
Sblk250

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4481 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk250

Sample wt/vol: 10 (g/ml) G Lab File ID: BN03324.D

Level: (low/med) LOW Date Received: 5/13/99

% Moisture: 0 decanted: (Y/N) N Date Extracted: 5/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/24/99

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. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.33	960	JN
2. 001599-67-3	1-Docosene	23.76	6300	JN
3. 006971-40-0	17-Pentatriacontene	25.26	550	JN
4. 006624-79-9	1-Dotriacontanol	27.99	790	JN
5.	unknown	28.63	640	J

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Sblk251

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4490 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk251

Sample wt/vol: 10 (g/ml) G Lab File ID: BN03342.D

Level: (low/med) LOW Date Received: 5/17/99

% Moisture: 0 decanted:(Y/N) N Date Extracted: 5/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/25/99

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	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
95-48-7	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
106-44-5	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
95-95-4	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

001564

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EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Sblk251

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4490 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk251

Sample wt/vol: 10 (g/ml) G Lab File ID: BN03342.D

Level: (low/med) LOW Date Received: 5/17/99

% Moisture: 0 decanted:(Y/N) N Date Extracted: 5/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/25/99

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	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	660	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

EPA SAMPLE NO.

Sblk251

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4490 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk251

Sample wt/vol: 10 (g/ml) G Lab File ID: BN03342.D

Level: (low/med) LOW Date Received: 5/17/99

% Moisture: 0 decanted: (Y/N) N Date Extracted: 5/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/25/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 5 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.33	1300	JN
2. 001599-67-3	1-Docosene	23.75	5800	JN
3. 018733-57-8	Silane, trichloroeicosyl-	25.26	480	JN
4. 006624-79-9	1-Dotriacontanol	27.99	640	JN
5.	unknown	28.63	420	J

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Sblk252

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4490 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk252

Sample wt/vol: 10 (g/ml) G Lab File ID: BN03396.D

Level: (low/med) LOW Date Received: 5/17/99

% Moisture: 0 decanted:(Y/N) N Date Extracted: 5/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/1/99

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	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
95-48-7	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
106-44-5	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
95-95-4	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

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Sblk252

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4490 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: Sblk252

Sample wt/vol: 10 (g/ml) G Lab File ID: BN03396.D

Level: (low/med) LOW Date Received: 5/17/99

% Moisture: 0 decanted:(Y/N) N Date Extracted: 5/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/1/99

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	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	110	J
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	570	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

EPA SAMPLE NO.

Sblk252

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4490 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk252

Sample wt/vol: 10 (g/ml) G Lab File ID: BN03396.D

Level: (low/med) LOW Date Received: 5/17/99

% Moisture: 0 decanted: (Y/N) N Date Extracted: 5/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/1/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 6 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	12.29	1500	J
2. 074367-34-3	Propanoic acid, 2-methyl-, 3-hydr	12.59	2000	JN
3. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.23	1200	JN
4. 000629-96-9	1-Eicosanol	23.65	5600	JN
5.	unknown	27.88	1100	J
6.	unknown	29.12	400	J

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Sblk261

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4533 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: Sblk261

Sample wt/vol: 10 (g/ml) G Lab File ID: BN03487.D

Level: (low/med) LOW Date Received: 6/4/99

% Moisture: 0 decanted:(Y/N) N Date Extracted: 6/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/16/99

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
95-48-7	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
106-44-5	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
95-95-4	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

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Sblk261

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4533 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: Sblk261

Sample wt/vol: 10 (g/ml) G Lab File ID: BN03487.D

Level: (low/med) LOW Date Received: 6/4/99

% Moisture: 0 decanted:(Y/N) N Date Extracted: 6/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/16/99

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	410	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	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

EPA SAMPLE NO.

Sblk261

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk261

Sample wt/vol: 10 (g/ml) G Lab File ID: BN03487.D

Level: (low/med) LOW Date Received: 6/4/99

% Moisture: 0 decanted: (Y/N) N Date Extracted: 6/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/16/99

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.		unknown	18.13	1100	J
2.	000112-92-5	1-Octadecanol	23.55	5600	JN
3.	074685-33-9	3-Eicosene, (E)-	25.06	500	JN
4.	000629-96-9	1-Eicosanol	27.79	790	JN

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Sblk266

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4533 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: Sblk266

Sample wt/vol: 10 (g/ml) G Lab File ID: BN03510.D

Level: (low/med) LOW Date Received: 6/4/99

% Moisture: 0 decanted:(Y/N) N Date Extracted: 6/15/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/17/99

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	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
95-48-7	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
106-44-5	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
95-95-4	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

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Sblk266

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4533 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: Sblk266

Sample wt/vol: 10 (g/ml) G Lab File ID: BN03510.D

Level: (low/med) LOW Date Received: 6/4/99

% Moisture: 0 decanted:(Y/N) N Date Extracted: 6/15/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/17/99

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	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	1000	U
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	420	J
206-44-0	Fluoranthene	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

EPA SAMPLE NO.

Sblk266

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk266

Sample wt/vol: 10 (g/ml) G Lab File ID: BN03510.D

Level: (low/med) LOW Date Received: 6/4/99

% Moisture: 0 decanted: (Y/N) N Date Extracted: 6/15/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/17/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 5 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	18.12	880	J
2. 000112-92-5	1-Octadecanol	23.55	6100	JN
3. 006624-79-9	1-Dotriacontanol	25.05	540	JN
4. 001599-67-3	1-Docosene	27.78	900	JN
5.	unknown	28.41	550	J

FIELD DUPLICATES

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Field Dup

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4145 Location: M8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4145.36

Sample wt/vol: 10.6 (g/ml) G Lab File ID: BNA01844.D

Level: (low/med) LOW Date Received: 12/16/98

% Moisture: 23.32 decanted:(Y/N) N Date Extracted: 12/21/98

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

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	200	J
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.: 4145 Location: M8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4145.36

Sample wt/vol: 10.6 (g/ml) G Lab File ID: BNA01844.D

Level: (low/med) LOW Date Received: 12/16/98

% Moisture: 23.32 decanted:(Y/N) N Date Extracted: 12/21/98

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

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	980	J
120-12-7	Anthracene	1000	J
84-74-2	Di-n-butylphthalate	380	JB
206-44-0	Fluoranthene	2000	
92-87-5	Benzidine	5800	
129-00-0	Pyrene	2600	
85-68-7	Butylbenzylphthalate	1200	U
56-55-3	Benzo[a]anthracene	990	J
91-94-1	3,3'-Dichlorobenzidine	1200	U
218-01-9	Chrysene	1400	
117-81-7	bis(2-Ethylhexyl)phthalate	620	J
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo[b]fluoranthene	1200	
207-08-9	Benzo[k]fluoranthene	1500	
50-32-8	Benzo[a]pyrene	1000	J
193-39-5	Indeno[1,2,3-cd]pyrene	300	J
53-70-3	Dibenz[a,h]anthracene	1200	U
191-24-2	Benzo[g,h,i]perylene	1200	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET FIELD ID.

TENTATIVELY IDENTIFIED COMPOUNDS

Field Dup

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4145 Location: M8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4145.36

Sample wt/vol: 10.6 (g/ml) G Lab File ID: BNA01844.D

Level: (low/med) LOW Date Received: 12/16/98

% Moisture: 23.32 decanted: (Y/N) N Date Extracted: 12/21/98

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: 0 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1B

Field ID: **Dupe**

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.26

Sample wt/vol: 10.16 (g/ml) G Lab File ID: BN03012.D

Level: (low/med) LOW Date Received: 3/30/99

% Moisture: 25.47 decanted:(Y/N) N Date Extracted: 3/31/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/7/99

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	1300	U
62-75-9	N-nitroso-dimethylamine	1300	U
62-53-3	Aniline	1300	U
108-95-2	Phenol	1300	U
111-44-4	bis(2-Chloroethyl)ether	1300	U
95-57-8	2-Chlorophenol	1300	U
541-73-1	1,3-Dichlorobenzene	1300	U
106-46-7	1,4-Dichlorobenzene	1300	U
100-51-6	Benzyl alcohol	1300	U
95-50-1	1,2-Dichlorobenzene	1300	U
	2-Methylphenol	1300	U
108-60-1	bis(2-chloroisopropyl)ether	1300	U
	4-Methylphenol	1300	U
621-64-7	n-Nitroso-di-n-propylamine	1300	U
67-72-1	Hexachloroethane	1300	U
98-95-3	Nitrobenzene	1300	U
78-59-1	Isophorone	1300	U
88-75-5	2-Nitrophenol	1300	U
105-67-9	2,4-Dimethylphenol	1300	U
111-91-1	bis(2-Chloroethoxy)methane	1300	U
120-83-2	2,4-Dichlorophenol	1300	U
65-85-0	Benzoic Acid	1300	U
120-82-1	1,2,4-Trichlorobenzene	1300	U
91-20-3	Naphthalene	1300	U
106-47-8	4-Chloroaniline	1300	U
87-68-3	Hexachlorobutadiene	1300	U
59-50-7	4-Chloro-3-methylphenol	1300	U
91-57-6	2-Methylnaphthalene	1300	U
77-47-4	Hexachlorocyclopentadiene	1300	U
88-06-2	2,4,6-Trichlorophenol	1300	U
	2,4,5-Trichlorophenol	1300	U
91-58-7	2-Chloronaphthalene	1300	U
88-74-4	2-Nitroaniline	1300	U
131-11-3	Dimethylphthalate	1300	U
208-96-8	Acenaphthylene	240	J
606-20-2	2,6-Dinitrotoluene	1300	U
99-09-2	3-Nitroaniline	1300	U

1C

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Dupe

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.26

Sample wt/vol: 10.16 (g/ml) G Lab File ID: BN03012.D

Level: (low/med) LOW Date Received: 3/30/99

% Moisture: 25.47 decanted:(Y/N) N Date Extracted: 3/31/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/7/99

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	1300	U
51-28-5	2,4-Dinitrophenol	1300	U
132-64-9	Dibenzofuran	1300	U
100-02-7	4-Nitrophenol	1300	U
121-14-2	2,4-Dinitrotoluene	1300	U
84-66-2	Diethylphthalate	170	JB
86-73-7	Fluorene	1300	U
7005-72-3	4-Chlorophenyl-phenylether	1300	U
100-01-6	4-Nitroaniline	1300	U
534-52-1	4,6-Dinitro-2-methylphenol	1300	U
86-30-6	n-Nitrosodiphenylamine	1300	U
103-33-3	Azobenzene	1300	U
101-55-3	4-Bromophenyl-phenylether	1300	U
118-74-1	Hexachlorobenzene	1300	U
87-86-5	Pentachlorophenol	1300	U
85-01-8	Phenanthrene	400	J
120-12-7	Anthracene	160	J
84-74-2	Di-n-butylphthalate	1100	JB
206-44-0	Fluoranthene	700	J
92-87-5	Benzidine	1300	U
129-00-0	Pyrene	810	J
85-68-7	Butylbenzylphthalate	1300	U
56-55-3	Benzo[a]anthracene	460	J
91-94-1	3,3'-Dichlorobenzidine	1300	U
218-01-9	Chrysene	940	J
117-81-7	bis(2-Ethylhexyl)phthalate	14000	
117-84-0	Di-n-octylphthalate	1300	U
205-99-2	Benzo[b]fluoranthene	440	J
207-08-9	Benzo[k]fluoranthene	470	J
50-32-8	Benzo[a]pyrene	500	J
193-39-5	Indeno[1,2,3-cd]pyrene	200	J
53-70-3	Dibenz[a,h]anthracene	1300	U
191-24-2	Benzo[g,h,i]perylene	1300	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **Dupe**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.26

Sample wt/vol: 10.16 (g/ml) G Lab File ID: BN03012.D

Level: (low/med) LOW Date Received: 3/30/99

% Moisture: 25.47 decanted: (Y/N) N Date Extracted: 3/31/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/7/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 20 (ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		unknown	12.49	4800	J
2.	034883-43-7	1,1'-Biphenyl, 2,4'-dichloro-	15.82	1400	JN
3.	035693-92-6	1,1'-Biphenyl, 2,4,6-trichloro-	18.01	3000	JN
4.		unknown	18.46	1200	J
5.	007012-37-5	1,1'-Biphenyl, 2,4,4'-trichloro-	18.58	7700	JN
6.	038444-86-9	1,1'-Biphenyl, 2',3,4-trichloro-	18.91	1500	JN
7.	000109-29-5	Oxacycloheptadecan-2-one	19.19	1400	JN
8.	041464-42-0	1,1'-Biphenyl, 2,3',5,5'-tetrachloro	19.25	1300	JN
9.	000506-12-7	Heptadecanoic acid	19.96	1500	JN
10.	010544-50-0	Sulfur, mol. (S8)	20.18	4600	JN
11.	000112-80-1	Oleic Acid	21.13	32000	JN
12.	000057-11-4	Octadecanoic acid	21.26	4100	JN
13.		unknown	21.72	4900	J
14.		unknown	21.99	2000	J
15.	000506-30-9	Eicosanoic acid	22.91	1700	JN
16.	001599-67-3	1-Docosene	23.89	5600	JN
17.		unknown	24.18	2400	J
18.	000112-85-6	Docosanoic acid	24.49	5600	JN
19.	000629-50-5	Tridecane	25.39	2300	JN
20.	000629-78-7	Heptadecane	28.07	1500	JN

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Dupe

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.36

Sample wt/vol: 10.12 (g/ml) G Lab File ID: BN03015.D

Level: (low/med) LOW Date Received: 3/30/99

% Moisture: 4.66 decanted:(Y/N) N Date Extracted: 3/31/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/7/99

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	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

Field ID: **Dupe**

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.36

Sample wt/vol: 10.12 (g/ml) G Lab File ID: BN03015.D

Level: (low/med) LOW Date Received: 3/30/99

% Moisture: 4.66 decanted:(Y/N) N Date Extracted: 3/31/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/7/99

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	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	190	J
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	250	JB
206-44-0	Fluoranthene	400	J
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	330	J
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	150	J
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	320	J
117-81-7	bis(2-Ethylhexyl)phthalate	1000	U
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	220	J
207-08-9	Benzo[k]fluoranthene	190	J
50-32-8	Benzo[a]pyrene	190	J
193-39-5	Indeno[1,2,3-cd]pyrene	1000	U
53-70-3	Dibenz[a,h]anthracene	1000	U
191-24-2	Benzo[g,h,i]perylene	1000	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **Dupe**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.36

Sample wt/vol: 10.12 (g/ml) G Lab File ID: BN03015.D

Level: (low/med) LOW Date Received: 3/30/99

% Moisture: 4.66 decanted: (Y/N) N Date Extracted: 3/31/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/7/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 6 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000112-92-5	1-Octadecanol	23.87	5900	JN
2. 006971-40-0	17-Pentatriacontene	25.38	1600	JN
3. 000638-66-4	Octadecanal	27.72	1300	JN
4. 000544-76-3	Hexadecane	28.06	900	JN
5. 000112-88-9	1-Octadecene	28.11	1300	JN
6.	unknown	28.75	970	J

1B

Field ID: **Dupe**

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4394 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4394.24

Sample wt/vol: 10.81 (g/ml) G Lab File ID: BN03029.D

Level: (low/med) LOW Date Received: 4/5/99

% Moisture: 15.97 decanted:(Y/N) N Date Extracted: 4/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/8/99

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

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Dupe

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4394 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4394.24

Sample wt/vol: 10.81 (g/ml) G Lab File ID: BN03029.D

Level: (low/med) LOW Date Received: 4/5/99

% Moisture: 15.97 decanted:(Y/N) N Date Extracted: 4/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/8/99

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	290	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 Code 13461

Project: 98-0211 Case No.: 4394 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4394.24

Sample wt/vol: 10.81 (g/ml) G Lab File ID: BN03029.D

Level: (low/med) LOW Date Received: 4/5/99

% Moisture: 15.97 decanted: (Y/N) N Date Extracted: 4/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/8/99

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. 000112-92-5	1-Octadecanol	23.85	4300	JN
2. 000629-96-9	1-Eicosanol	28.09	1000	JN
3.	unknown	28.73	1200	J

001588

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Dupe II

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4394 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4394.46

Sample wt/vol: 10.11 (g/ml) G Lab File ID: BNA02444.D

Level: (low/med) LOW Date Received: 4/5/99

% Moisture: 9.47 decanted:(Y/N) N Date Extracted: 4/9/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/12/99

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

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Dupe II

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4394 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4394.46

Sample wt/vol: 10.11 (g/ml) G Lab File ID: BNA02444.D

Level: (low/med) LOW Date Received: 4/5/99

% Moisture: 9.47 decanted:(Y/N) N Date Extracted: 4/9/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/12/99

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	360	JB
206-44-0	Fluoranthene	140	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	200	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	170	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	120	J
50-32-8	Benzo[a]pyrene	130	J
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **Dupe II**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4394 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4394.46

Sample wt/vol: 10.11 (g/ml) G Lab File ID: BNA02444.D

Level: (low/med) LOW Date Received: 4/5/99

% Moisture: 9.47 decanted: (Y/N) N Date Extracted: 4/9/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/12/99

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. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	20.22	730	JN
2. 001599-67-3	1-Docosene	25.68	1100	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Dupe

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.38

Sample wt/vol: 10.07 (g/ml) G Lab File ID: BNA02466.D

Level: (low/med) LOW Date Received: 4/8/99

% Moisture: 8.48 decanted:(Y/N) N Date Extracted: 4/13/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/15/99

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	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

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Dupe

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.38

Sample wt/vol: 10.07 (g/ml) G Lab File ID: BNA02466.D

Level: (low/med) LOW Date Received: 4/8/99

% Moisture: 8.48 decanted:(Y/N) N Date Extracted: 4/13/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/15/99

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	120	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 NJDEP: 13461

Project: 98-0211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.38

Sample wt/vol: 10.07 (g/ml) G Lab File ID: BNA02466.D

Level: (low/med) LOW Date Received: 4/8/99

% Moisture: 8.48 decanted: (Y/N) N Date Extracted: 4/13/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/15/99

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.	unknown	8.54	630	J
2. 074685-30-6	5-Eicosene, (E)-	25.67	1400	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Dupe II

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.40(1:10)

Sample wt/vol: 10.29 (g/ml) G Lab File ID: BNA02502.D

Level: (low/med) LOW Date Received: 4/8/99

% Moisture: 13.13 decanted:(Y/N) N Date Extracted: 4/13/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/23/99

Injection Volume: 1.0 (uL) Dilution Factor: ~~1.0~~ 10.0 BLT 7-22-99

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	11000	U
62-75-9	N-nitroso-dimethylamine	11000	U
62-53-3	Aniline	11000	U
108-95-2	Phenol	11000	U
111-44-4	bis(2-Chloroethyl)ether	11000	U
95-57-8	2-Chlorophenol	11000	U
541-73-1	1,3-Dichlorobenzene	11000	U
106-46-7	1,4-Dichlorobenzene	11000	U
100-51-6	Benzyl alcohol	11000	U
95-50-1	1,2-Dichlorobenzene	11000	U
	2-Methylphenol	11000	U
108-60-1	bis(2-chloroisopropyl)ether	11000	U
	4-Methylphenol	2000	J
621-64-7	n-Nitroso-di-n-propylamine	11000	U
67-72-1	Hexachloroethane	11000	U
98-95-3	Nitrobenzene	11000	U
78-59-1	Isophorone	11000	U
88-75-5	2-Nitrophenol	11000	U
105-67-9	2,4-Dimethylphenol	11000	U
111-91-1	bis(2-Chloroethoxy)methane	11000	U
120-83-2	2,4-Dichlorophenol	11000	U
65-85-0	Benzoic Acid	11000	U
120-82-1	1,2,4-Trichlorobenzene	11000	U
91-20-3	Naphthalene	150000	E
106-47-8	4-Chloroaniline	11000	U
87-68-3	Hexachlorobutadiene	11000	U
59-50-7	4-Chloro-3-methylphenol	11000	U
91-57-6	2-Methylnaphthalene	48000	
77-47-4	Hexachlorocyclopentadiene	11000	U
88-06-2	2,4,6-Trichlorophenol	11000	U
	2,4,5-Trichlorophenol	11000	U
91-58-7	2-Chloronaphthalene	11000	U
88-74-4	2-Nitroaniline	11000	U
131-11-3	Dimethylphthalate	11000	U
208-96-8	Acenaphthylene	11000	U
606-20-2	2,6-Dinitrotoluene	11000	U
99-09-2	3-Nitroaniline	11000	U

1C

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Dupe II

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.40(1:10)

Sample wt/vol: 10.29 (g/ml) G Lab File ID: BNA02502.D

Level: (low/med) LOW Date Received: 4/8/99

% Moisture: 13.13 decanted:(Y/N) N Date Extracted: 4/13/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/23/99

Injection Volume: 1.0 (uL) Dilution Factor: ~~1.0~~ 10.0 BNL 7-22-99

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
83-32-9	Acenaphthene	250000	E
51-28-5	2,4-Dinitrophenol	11000	U
132-64-9	Dibenzofuran	120000	
100-02-7	4-Nitrophenol	11000	U
121-14-2	2,4-Dinitrotoluene	11000	U
84-66-2	Diethylphthalate	11000	U
86-73-7	Fluorene	200000	E
7005-72-3	4-Chlorophenyl-phenylether	11000	U
100-01-6	4-Nitroaniline	11000	U
534-52-1	4,6-Dinitro-2-methylphenol	11000	U
86-30-6	n-Nitrosodiphenylamine	11000	U
103-33-3	Azobenzene	11000	U
101-55-3	4-Bromophenyl-phenylether	11000	U
118-74-1	Hexachlorobenzene	11000	U
87-86-5	Pentachlorophenol	11000	U
85-01-8	Phenanthrene	1000000	E
120-12-7	Anthracene	370000	E
84-74-2	Di-n-butylphthalate	11000	U
206-44-0	Fluoranthene	1100000	E
92-87-5	Benzidine	11000	U
129-00-0	Pyrene	630000	E
85-68-7	Butylbenzylphthalate	11000	U
56-55-3	Benzo[a]anthracene	440000	E
91-94-1	3,3'-Dichlorobenzidine	11000	U
218-01-9	Chrysene	560000	E
117-81-7	bis(2-Ethylhexyl)phthalate	11000	U
117-84-0	Di-n-octylphthalate	11000	U
205-99-2	Benzo[b]fluoranthene	690000	E
207-08-9	Benzo[k]fluoranthene	510000	E
50-32-8	Benzo[a]pyrene	610000	E
193-39-5	Indeno[1,2,3-cd]pyrene	160000	E
53-70-3	Dibenz[a,h]anthracene	100000	
191-24-2	Benzo[g,h,i]perylene	120000	

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Dupe II

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.40(1:10)

Sample wt/vol: 10.29 (g/ml) G Lab File ID: BNA02502.D

Level: (low/med) LOW Date Received: 4/8/99

% Moisture: 13.13 decanted: (Y/N) N Date Extracted: 4/13/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/23/99

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 25 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000090-12-0	Naphthalene, 1-methyl-	13.65	36000	JND
2. 000092-52-4	Biphenyl	14.55	15000	JND
3. 001127-76-0	Naphthalene, 1-ethyl-	14.75	9600	JND
4. 000575-43-9	Naphthalene, 1,6-dimethyl-	14.89	14000	JND
5. 000575-41-7	Naphthalene, 1,3-dimethyl-	15.10	14000	JND
6.	unknown	16.29	13000	JD
7. 002320-32-3	Benzene, [1-(2,4-cyclopentadien-	17.32	15000	JND
8. 000101-81-5	Diphenylmethane	17.40	41000	JND
9. 000643-58-3	1,1'-Biphenyl, 2-methyl-	17.48	24000	JND
10. 007320-53-8	Dibenzofuran, 4-methyl-	17.60	24000	JND
11. 002788-23-0	9H-Carbazole, 9-nitroso-	20.07	8600	JND
12.	unknown	20.91	10000	JD
13. 000243-42-5	Benzo[b]naphtho[2,3-d]furan	23.17	6900	JND
14. 000238-84-6	11H-Benzo[a]fluorene	23.72	31000	JND
15. 000243-17-4	11H-Benzo[b]fluorene	23.87	26000	JND
16. 000611-45-0	Naphthalene, 1-(phenylmethyl)-	23.99	10000	JND
17.	unknown	25.23	12000	JD
18.	unknown	25.31	7000	JD
19. 025732-74-5	3,4-Dihydrocyclopenta(cd)pyrene	26.04	16000	JND
20. 034777-33-8	Benzo(c)carbazole	26.25	9800	JND
21. 001705-84-6	Triphenylene, 2-methyl-	26.71	8300	JND
22. 000198-55-0	Perylene	28.37	120000	JND
23. 000192-97-2	Benzo[e]pyrene	28.72	190000	JND
24. 000205-82-3	Benzo[j]fluoranthene	28.98	100000	JND
25.	unknown	29.25	28000	JD

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Dupe II

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.40(1:500)

Sample wt/vol: 10.29 (g/ml) G Lab File ID: BNA02517.D

Level: (low/med) LOW Date Received: 4/8/99

% Moisture: 13.13 decanted:(Y/N) N Date Extracted: 4/13/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/26/99

Injection Volume: 1.0 (uL) Dilution Factor: 500.0

GPC Cleanup: (Y/N) N pH: 7

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	560000	U
62-75-9	N-nitroso-dimethylamine	560000	U
62-53-3	Aniline	560000	U
108-95-2	Phenol	560000	U
111-44-4	bis(2-Chloroethyl)ether	560000	U
95-57-8	2-Chlorophenol	560000	U
541-73-1	1,3-Dichlorobenzene	560000	U
106-46-7	1,4-Dichlorobenzene	560000	U
100-51-6	Benzyl alcohol	560000	U
95-50-1	1,2-Dichlorobenzene	560000	U
	2-Methylphenol	560000	U
108-60-1	bis(2-chloroisopropyl)ether	560000	U
	4-Methylphenol	560000	U
621-64-7	n-Nitroso-di-n-propylamine	560000	U
67-72-1	Hexachloroethane	560000	U
98-95-3	Nitrobenzene	560000	U
78-59-1	Isophorone	560000	U
88-75-5	2-Nitrophenol	560000	U
105-67-9	2,4-Dimethylphenol	560000	U
111-91-1	bis(2-Chloroethoxy)methane	560000	U
120-83-2	2,4-Dichlorophenol	560000	U
65-85-0	Benzoic Acid	560000	U
120-82-1	1,2,4-Trichlorobenzene	560000	U
91-20-3	Naphthalene	150000	JD
106-47-8	4-Chloroaniline	560000	U
87-68-3	Hexachlorobutadiene	560000	U
59-50-7	4-Chloro-3-methylphenol	560000	U
91-57-6	2-Methylnaphthalene	560000	U
77-47-4	Hexachlorocyclopentadiene	560000	U
88-06-2	2,4,6-Trichlorophenol	560000	U
	2,4,5-Trichlorophenol	560000	U
91-58-7	2-Chloronaphthalene	560000	U
88-74-4	2-Nitroaniline	560000	U
131-11-3	Dimethylphthalate	560000	U
208-96-8	Acenaphthylene	560000	U
606-20-2	2,6-Dinitrotoluene	560000	U
99-09-2	3-Nitroaniline	560000	U

1C

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Dupe II

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.40(1:500)

Sample wt/vol: 10.29 (g/ml) G Lab File ID: BNA02517.D

Level: (low/med) LOW Date Received: 4/8/99

% Moisture: 13.13 decanted:(Y/N) N Date Extracted: 4/13/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/26/99

Injection Volume: 1.0 (uL) Dilution Factor: 500.0

GPC Cleanup: (Y/N) N pH: 7

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	230000	JD
51-28-5	2,4-Dinitrophenol	560000	U
132-64-9	Dibenzofuran	100000	JD
100-02-7	4-Nitrophenol	560000	U
121-14-2	2,4-Dinitrotoluene	560000	U
84-66-2	Diethylphthalate	560000	U
86-73-7	Fluorene	170000	JD
7005-72-3	4-Chlorophenyl-phenylether	560000	U
100-01-6	4-Nitroaniline	560000	U
534-52-1	4,6-Dinitro-2-methylphenol	560000	U
86-30-6	n-Nitrosodiphenylamine	560000	U
103-33-3	Azobenzene	560000	U
101-55-3	4-Bromophenyl-phenylether	560000	U
118-74-1	Hexachlorobenzene	560000	U
87-86-5	Pentachlorophenol	560000	U
85-01-8	Phenanthrene	1200000	D
120-12-7	Anthracene	280000	JD
84-74-2	Di-n-butylphthalate	560000	U
206-44-0	Fluoranthene	1100000	D
92-87-5	Benzidine	560000	U
129-00-0	Pyrene	1100000	D
85-68-7	Butylbenzylphthalate	560000	U
56-55-3	Benzo[a]anthracene	390000	JD
91-94-1	3,3'-Dichlorobenzidine	560000	U
218-01-9	Chrysene	570000	D
117-81-7	bis(2-Ethylhexyl)phthalate	560000	U
117-84-0	Di-n-octylphthalate	560000	U
205-99-2	Benzo[b]fluoranthene	240000	JD
207-08-9	Benzo[k]fluoranthene	240000	JD
50-32-8	Benzo[a]pyrene	300000	JD
193-39-5	Indeno[1,2,3-cd]pyrene	190000	JD
53-70-3	Dibenz[a,h]anthracene	560000	U
191-24-2	Benzo[g,h,i]perylene	230000	JD

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Dupe

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4405.26

Sample wt/vol: 9.9 (g/ml) G Lab File ID: BNA02526.D

Level: (low/med) LOW Date Received: 4/8/99

% Moisture: 15.97 decanted:(Y/N) N Date Extracted: 4/14/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/26/99

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	210	J
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

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Dupe

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4405.26

Sample wt/vol: 9.9 (g/ml) G Lab File ID: BNA02526.D

Level: (low/med) LOW Date Received: 4/8/99

% Moisture: 15.97 decanted:(Y/N) N Date Extracted: 4/14/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/26/99

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	640	JB
206-44-0	Fluoranthene	150	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	160	J
91-94-1	3,3'-Dichlorobenzidine	1200	U
218-01-9	Chrysene	230	J
117-81-7	bis(2-Ethylhexyl)phthalate	190	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.

Dupe

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4405.26

Sample wt/vol: 9.9 (g/ml) G Lab File ID: BNA02526.D

Level: (low/med) LOW Date Received: 4/8/99

% Moisture: 15.97 decanted: (Y/N) N Date Extracted: 4/14/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/26/99

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	8.49	1200	J
2.	unknown	20.15	1400	J
3. 000638-66-4	Octadecanal	21.58	820	JN
4. 000629-96-9	1-Eicosanol	25.63	4300	JN

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Dupe

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4413 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4413.28

Sample wt/vol: 10.09 (g/ml) G Lab File ID: BNA02484.D

Level: (low/med) LOW Date Received: 4/13/99

% Moisture: 19.47 decanted:(Y/N) N Date Extracted: 4/14/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/16/99

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

Field ID: **Dupe**

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4413 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4413.28

Sample wt/vol: 10.09 (g/ml) G Lab File ID: BNA02484.D

Level: (low/med) LOW Date Received: 4/13/99

% Moisture: 19.47 decanted:(Y/N) N Date Extracted: 4/14/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/16/99

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	220	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	160	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	2200	
120-12-7	Anthracene	520	J
84-74-2	Di-n-butylphthalate	650	JB
206-44-0	Fluoranthene	6100	
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	6300	
85-68-7	Butylbenzylphthalate	1200	U
56-55-3	Benzo[a]anthracene	2700	
91-94-1	3,3'-Dichlorobenzidine	1200	U
218-01-9	Chrysene	4700	
117-81-7	bis(2-Ethylhexyl)phthalate	1200	U
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo[b]fluoranthene	2700	
207-08-9	Benzo[k]fluoranthene	2400	
50-32-8	Benzo[a]pyrene	3000	
193-39-5	Indeno[1,2,3-cd]pyrene	1100	J
53-70-3	Dibenz[a,h]anthracene	330	J
191-24-2	Benzo[g,h,i]perylene	1100	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **Dupe**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4413 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4413.28

Sample wt/vol: 10.09 (g/ml) G Lab File ID: BNA02484.D

Level: (low/med) LOW Date Received: 4/13/99

% Moisture: 19.47 decanted: (Y/N) N Date Extracted: 4/14/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/16/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 6 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	20.22	8100	JN
2. 000203-64-5	4H-Cyclopenta[def]phenanthrene	20.92	620	JN
3.	unknown	23.70	710	J
4.	unknown	25.25	570	J
5. 001599-67-3	1-Docosene	25.68	3000	JN
6. 025732-74-5	3,4-Dihydrocyclopenta(cd)pyrene	26.02	580	JN

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Dupe

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4469 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4469.12

Sample wt/vol: 10.02 (g/ml) G Lab File ID: BN03240.D

Level: (low/med) LOW Date Received: 5/7/99

% Moisture: 14.87 decanted:(Y/N) N Date Extracted: 5/13/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/17/99

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

Field ID: **Dupe**

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4469 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4469.12

Sample wt/vol: 10.02 (g/ml) G Lab File ID: BN03240.D

Level: (low/med) LOW Date Received: 5/7/99

% Moisture: 14.87 decanted:(Y/N) N Date Extracted: 5/13/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/17/99

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	490	JB
206-44-0	Fluoranthene	210	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	240	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	130	J
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: **Dupe**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4469 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4469.12

Sample wt/vol: 10.02 (g/ml) G Lab File ID: BN03240.D

Level: (low/med) LOW Date Received: 5/7/99

% Moisture: 14.87 decanted: (Y/N) N Date Extracted: 5/13/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/17/99

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. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.34	890	JN
2. 000057-11-4	Octadecanoic acid	21.06	570	JN
3. 001454-84-8	1-Nonadecanol	23.76	6800	JN
4. 006971-40-0	17-Pentatriacontene	25.26	1000	JN
5. 010486-19-8	Tridecanal	27.59	610	JN
6. 000629-96-9	1-Eicosanol	27.99	1400	JN
7.	unknown	28.63	730	J
8. 000629-80-1	Hexadecanal	28.85	730	JN
9. 000506-51-4	1-Tetracosanol	29.23	710	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Dupe

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4473 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4473.12

Sample wt/vol: 10.28 (g/ml) G Lab File ID: BN03271.D

Level: (low/med) LOW Date Received: 5/10/99

% Moisture: 6.67 decanted:(Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/19/99

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	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

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Dupe

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4473 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4473.12

Sample wt/vol: 10.28 (g/ml) G Lab File ID: BN03271.D

Level: (low/med) LOW Date Received: 5/10/99

% Moisture: 6.67 decanted:(Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/19/99

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	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	260 JB
206-44-0	Fluoranthene	200 J
92-87-5	Benzidine	1000 U
129-00-0	Pyrene	160 J
85-68-7	Butylbenzylphthalate	1000 U
56-55-3	Benzo[a]anthracene	1000 U
91-94-1	3,3'-Dichlorobenzidine	1000 U
218-01-9	Chrysene	190 J
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.

Dupe

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4473 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4473.12

Sample wt/vol: 10.28 (g/ml) G Lab File ID: BN03271.D

Level: (low/med) LOW Date Received: 5/10/99

% Moisture: 6.67 decanted: (Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/19/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 14 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	4.06	600	J
2. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.32	480	JN
3. 001454-84-8	1-Nonadecanol	23.74	7100	JN
4. 006971-40-0	17-Pentatriacontene	25.24	1400	JN
5.	unknown	25.96	580	J
6. 007390-81-0	Oxirane, hexadecyl-	26.24	1000	JN
7. 001599-67-3	1-Docosene	26.66	2000	JN
8.	unknown	27.58	1100	J
9. 000638-68-6	Triacontane	27.92	980	JN
10. 036653-82-4	1-Hexadecanol	27.98	1900	JN
11.	unknown	28.62	490	J
12. 007390-81-0	Oxirane, hexadecyl-	28.84	640	JN
13. 006624-79-9	1-Dotriacontanol	29.22	760	JN
14.	unknown	29.44	560	J

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Dupe

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4474 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4474.12

Sample wt/vol: 10.4 (g/ml) G Lab File ID: BN03293.D

Level: (low/med) LOW Date Received: 5/11/99

% Moisture: 10.34 decanted:(Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/20/99

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	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

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Dupe

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4474 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4474.12

Sample wt/vol: 10.4 (g/ml) G Lab File ID: BN03293.D

Level: (low/med) LOW Date Received: 5/11/99

% Moisture: 10.34 decanted:(Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/20/99

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	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	180	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 NJDEP: 13461

Project: 98-0211 Case No.: 4474 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4474.12

Sample wt/vol: 10.4 (g/ml) G Lab File ID: BN03293.D

Level: (low/med) LOW Date Received: 5/11/99

% Moisture: 10.34 decanted: (Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/20/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 6 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000112-92-5	1-Octadecanol	23.76	6100	JN
2. 000506-52-5	1-Hexacosanol	25.26	910	JN
3. 006624-79-9	1-Dotriacontanol	26.67	1100	JN
4. 002765-11-9	Pentadecanal-	27.60	840	JN
5. 001599-67-3	1-Docosene	27.99	1200	JN
6.	unknown	28.63	520	J

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Dupe

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4481 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4481.12(1:10)

Sample wt/vol: 10.43 (g/ml) G Lab File ID: BN03366.D

Level: (low/med) LOW Date Received: 5/13/99

% Moisture: 22.41 decanted:(Y/N) N Date Extracted: 5/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/26/99

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (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
95-48-7	2-Methylphenol	12000	U
108-60-1	bis(2-chloroisopropyl)ether	12000	U
106-44-5	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
95-95-4	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

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Dupe

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4481 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4481.12(1:10)

Sample wt/vol: 10.43 (g/ml) G Lab File ID: BN03366.D

Level: (low/med) LOW Date Received: 5/13/99

% Moisture: 22.41 decanted:(Y/N) N Date Extracted: 5/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/26/99

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	Q
83-32-9	Acenaphthene	1700 JD
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 JD
120-12-7	Anthracene	3000 JD
84-74-2	Di-n-butylphthalate	12000 U
206-44-0	Fluoranthene	21000 D
92-87-5	Benzidine	12000 U
129-00-0	Pyrene	21000 D
85-68-7	Butylbenzylphthalate	12000 U
56-55-3	Benzo[a]anthracene	11000 JD
91-94-1	3,3'-Dichlorobenzidine	12000 U
218-01-9	Chrysene	19000 D
117-81-7	bis(2-Ethylhexyl)phthalate	12000 U
117-84-0	Di-n-octylphthalate	12000 U
205-99-2	Benzo[b]fluoranthene	11000 JD
207-08-9	Benzo[k]fluoranthene	9800 JD
50-32-8	Benzo[a]pyrene	13000 D
193-39-5	Indeno[1,2,3-cd]pyrene	6800 JD
53-70-3	Dibenz[a,h]anthracene	2100 JD
191-24-2	Benzo[g,h,i]perylene	6600 JD

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

Dupe

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4481 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4481.12(1:10)

Sample wt/vol: 10.43 (g/ml) G Lab File ID: BN03366.D

Level: (low/med) LOW Date Received: 5/13/99

% Moisture: 22.41 decanted: (Y/N) N Date Extracted: 5/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/26/99

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

Number TICs found: 0 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Dupe

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4484 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4484.12

Sample wt/vol: 10.08 (g/ml) G Lab File ID: BN03353.D

Level: (low/med) LOW Date Received: 5/14/99

% Moisture: 13.64 decanted:(Y/N) N Date Extracted: 5/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/25/99

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
95-48-7	2-Methylphenol	1200	U
108-60-1	bis(2-chloroisopropyl)ether	1200	U
106-44-5	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
95-95-4	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

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Dupe

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4484 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4484.12

Sample wt/vol: 10.08 (g/ml) G Lab File ID: BN03353.D

Level: (low/med) LOW Date Received: 5/14/99

% Moisture: 13.64 decanted:(Y/N) N Date Extracted: 5/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/25/99

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	1200	U
206-44-0	Fluoranthene	200	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	200	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

EPA SAMPLE NO.

Dupe

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4484 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4484.12

Sample wt/vol: 10.08 (g/ml) G Lab File ID: BN03353.D

Level: (low/med) LOW Date Received: 5/14/99

% Moisture: 13.64 decanted: (Y/N) N Date Extracted: 5/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/25/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 10 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000057-10-3	Hexadecanoic acid	19.25	1100	JN
2. 000112-92-5	1-Octadecanol	23.77	6400	JN
3. 002461-18-9	Oxirane, [(dodecyloxy)methyl]-	25.27	1400	JN
4.	unknown	26.27	570	J
5. 000544-85-4	Dotriacontane	26.66	1800	JN
6. 002765-11-9	Pentadecanal-	27.61	920	JN
7. 000544-85-4	Dotriacontane	27.96	1900	JN
8. 006971-40-0	17-Pentatriacontene	28.01	830	JN
9.	unknown	28.65	1100	J
10.	unknown	28.87	730	J

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Dupe

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4490 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4490.12(1:10)

Sample wt/vol: 10.08 (g/ml) G Lab File ID: BN03455.D

Level: (low/med) LOW Date Received: 5/17/99

% Moisture: 3.72 decanted:(Y/N) N Date Extracted: 5/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/4/99

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	10000	U
62-75-9	N-nitroso-dimethylamine	10000	U
62-53-3	Aniline	10000	U
108-95-2	Phenol	10000	U
111-44-4	bis(2-Chloroethyl)ether	10000	U
95-57-8	2-Chlorophenol	10000	U
541-73-1	1,3-Dichlorobenzene	10000	U
106-46-7	1,4-Dichlorobenzene	10000	U
100-51-6	Benzyl alcohol	10000	U
95-50-1	1,2-Dichlorobenzene	10000	U
95-48-7	2-Methylphenol	10000	U
108-60-1	bis(2-chloroisopropyl)ether	10000	U
106-44-5	4-Methylphenol	10000	U
621-64-7	n-Nitroso-di-n-propylamine	10000	U
67-72-1	Hexachloroethane	10000	U
98-95-3	Nitrobenzene	10000	U
78-59-1	Isophorone	10000	U
88-75-5	2-Nitrophenol	10000	U
105-67-9	2,4-Dimethylphenol	10000	U
111-91-1	bis(2-Chloroethoxy)methane	10000	U
120-83-2	2,4-Dichlorophenol	10000	U
65-85-0	Benzoic Acid	10000	U
120-82-1	1,2,4-Trichlorobenzene	10000	U
91-20-3	Naphthalene	10000	U
106-47-8	4-Chloroaniline	10000	U
87-68-3	Hexachlorobutadiene	10000	U
59-50-7	4-Chloro-3-methylphenol	10000	U
91-57-6	2-Methylnaphthalene	10000	U
77-47-4	Hexachlorocyclopentadiene	10000	U
88-06-2	2,4,6-Trichlorophenol	10000	U
95-95-4	2,4,5-Trichlorophenol	10000	U
91-58-7	2-Chloronaphthalene	10000	U
88-74-4	2-Nitroaniline	10000	U
131-11-3	Dimethylphthalate	10000	U
208-96-8	Acenaphthylene	10000	U
606-20-2	2,6-Dinitrotoluene	10000	U
99-09-2	3-Nitroaniline	10000	U

1C

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Dupe

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4490 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4490.12(1:10)

Sample wt/vol: 10.08 (g/ml) G Lab File ID: BN03455.D

Level: (low/med) LOW Date Received: 5/17/99

% Moisture: 3.72 decanted:(Y/N) N Date Extracted: 5/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/4/99

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	10000	U
51-28-5	2,4-Dinitrophenol	10000	U
132-64-9	Dibenzofuran	10000	U
100-02-7	4-Nitrophenol	10000	U
121-14-2	2,4-Dinitrotoluene	10000	U
84-66-2	Diethylphthalate	10000	U
86-73-7	Fluorene	10000	U
7005-72-3	4-Chlorophenyl-phenylether	10000	U
100-01-6	4-Nitroaniline	10000	U
534-52-1	4,6-Dinitro-2-methylphenol	10000	U
86-30-6	n-Nitrosodiphenylamine	10000	U
103-33-3	Azobenzene	10000	U
101-55-3	4-Bromophenyl-phenylether	10000	U
118-74-1	Hexachlorobenzene	10000	U
87-86-5	Pentachlorophenol	10000	U
85-01-8	Phenanthrene	10000	U
120-12-7	Anthracene	10000	U
84-74-2	Di-n-butylphthalate	10000	U
206-44-0	Fluoranthene	10000	U
92-87-5	Benzidine	10000	U
129-00-0	Pyrene	10000	U
85-68-7	Butylbenzylphthalate	10000	U
56-55-3	Benzo[a]anthracene	10000	U
91-94-1	3,3'-Dichlorobenzidine	10000	U
218-01-9	Chrysene	10000	U
117-81-7	bis(2-Ethylhexyl)phthalate	10000	U
117-84-0	Di-n-octylphthalate	10000	U
205-99-2	Benzo[b]fluoranthene	10000	U
207-08-9	Benzo[k]fluoranthene	10000	U
50-32-8	Benzo[a]pyrene	10000	U
193-39-5	Indeno[1,2,3-cd]pyrene	10000	U
53-70-3	Dibenz[a,h]anthracene	10000	U
191-24-2	Benzo[g,h,i]perylene	10000	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

Dupe

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4490 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4490.12(1:10)

Sample wt/vol: 10.08 (g/ml) G Lab File ID: BN03455.D

Level: (low/med) LOW Date Received: 5/17/99

% Moisture: 3.72 decanted: (Y/N) N Date Extracted: 5/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/4/99

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 052783-43-4	Nonadecanol	23.60	5000	JND

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field Dupe

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4533.12

Sample wt/vol: 10.12 (g/ml) G Lab File ID: BN03504.D

Level: (low/med) LOW Date Received: 6/4/99

% Moisture: 8.28 decanted:(Y/N) N Date Extracted: 6/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/17/99

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
95-48-7	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
106-44-5	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
95-95-4	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

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field Dupe

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4533.12

Sample wt/vol: 10.12 (g/ml) G Lab File ID: BN03504.D

Level: (low/med) LOW Date Received: 6/4/99

% Moisture: 8.28 decanted:(Y/N) N Date Extracted: 6/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/17/99

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	420	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

EPA SAMPLE NO.

Field Dupe

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4533.12

Sample wt/vol: 10.12 (g/ml) G Lab File ID: BN03504.D

Level: (low/med) LOW Date Received: 6/4/99

% Moisture: 8.28 decanted: (Y/N) N Date Extracted: 6/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/17/99

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. 000084-64-0	1,2-Benzenedicarboxylic acid, but	18.12	1400	JN
2. 001454-84-8	1-Nonadecanol	23.55	6400	JN
3. 006624-79-9	1-Dotriacontanol	25.05	1300	JN
4. 007098-22-8	Tetratetracontane	26.43	590	JN
5. 000630-06-8	Hexatriacontane	27.73	460	JN
6. 000629-96-9	1-Eicosanol	27.78	1000	JN
7.	unknown	28.41	610	J

SAMPLES

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-1

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4045 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4045.02

Sample wt/vol: 10.22 (g/ml) G Lab File ID: BNA01446.D

Level: (low/med) LOW Date Received: 11/10/98

% Moisture: 7.04 decanted:(Y/N) N Date Extracted: 11/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/01/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	Q
110-86-1	Pyridine	1100 U
62-75-9	N-nitroso-dimethylamine	1100 U
62-53-3	Aniline	1100 U
108-95-2	Phenol	1100 U
111-44-4	bis(2-Chloroethyl)ether	1100 U
95-57-8	2-Chlorophenol	1100 U
541-73-1	1,3-Dichlorobenzene	1100 U
106-46-7	1,4-Dichlorobenzene	1100 U
100-51-6	Benzyl alcohol	1100 U
95-50-1	1,2-Dichlorobenzene	1100 U
	2-Methylphenol	1100 U
108-60-1	bis(2-chloroisopropyl)ether	1100 U
	4-Methylphenol	1100 U
621-64-7	n-Nitroso-di-n-propylamine	1100 U
67-72-1	Hexachloroethane	1100 U
98-95-3	Nitrobenzene	1100 U
78-59-1	Isophorone	1100 U
88-75-5	2-Nitrophenol	1100 U
105-67-9	2,4-Dimethylphenol	1100 U
111-91-1	bis(2-Chloroethoxy)methane	1100 U
120-83-2	2,4-Dichlorophenol	1100 U
65-85-0	Benzoic Acid	1100 U
120-82-1	1,2,4-Trichlorobenzene	1100 U
91-20-3	Naphthalene	1100 U
106-47-8	4-Chloroaniline	1100 U
87-68-3	Hexachlorobutadiene	1100 U
59-50-7	4-Chloro-3-methylphenol	1100 U
91-57-6	2-Methylnaphthalene	1100 U
77-47-4	Hexachlorocyclopentadiene	1100 U
88-06-2	2,4,6-Trichlorophenol	1100 U
	2,4,5-Trichlorophenol	1100 U
91-58-7	2-Chloronaphthalene	1100 U
88-74-4	2-Nitroaniline	1100 U
131-11-3	Dimethylphthalate	1100 U
208-96-8	Acenaphthylene	1100 U
606-20-2	2,6-Dinitrotoluene	1100 U
99-09-2	3-Nitroaniline	1100 U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-1

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4045 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4045.02

Sample wt/vol: 10.22 (g/ml) G Lab File ID: BNA01446.D

Level: (low/med) LOW Date Received: 11/10/98

% Moisture: 7.04 decanted:(Y/N) N Date Extracted: 11/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/01/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	220	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 FIELD ID.

TENTATIVELY IDENTIFIED COMPOUNDS

B-1

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4045 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4045.02

Sample wt/vol: 10.22 (g/ml) G Lab File ID: BNA01446.D

Level: (low/med) LOW Date Received: 11/10/98

% Moisture: 7.04 decanted: (Y/N) N Date Extracted: 11/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/01/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 001454-84-8	1-Nonadecanol	24.06	2900	JN
2. 002461-18-9	Oxirane, [(dodecyloxy)methyl]-	25.58	870	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-2

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4045 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4045.04

Sample wt/vol: 10.16 (g/ml) G Lab File ID: BNA01447.D

Level: (low/med) LOW Date Received: 11/10/98

% Moisture: 4.81 decanted:(Y/N) N Date Extracted: 11/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/01/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1000	U
62-75-9	N-nitroso-dimethylamine	1000	U
62-53-3	Aniline	1000	U
108-95-2	Phenol	1000	U
111-44-4	bis(2-Chloroethyl)ether	1000	U
95-57-8	2-Chlorophenol	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
100-51-6	Benzyl alcohol	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
	4-Methylphenol	1000	U
621-64-7	n-Nitroso-di-n-propylamine	1000	U
67-72-1	Hexachloroethane	1000	U
98-95-3	Nitrobenzene	1000	U
78-59-1	Isophorone	1000	U
88-75-5	2-Nitrophenol	1000	U
105-67-9	2,4-Dimethylphenol	1000	U
111-91-1	bis(2-Chloroethoxy)methane	1000	U
120-83-2	2,4-Dichlorophenol	1000	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	1000	U
91-20-3	Naphthalene	1000	U
106-47-8	4-Chloroaniline	1000	U
87-68-3	Hexachlorobutadiene	1000	U
59-50-7	4-Chloro-3-methylphenol	1000	U
91-57-6	2-Methylnaphthalene	1000	U
77-47-4	Hexachlorocyclopentadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	1000	U
	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	1000	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	1000	U
208-96-8	Acenaphthylene	1000	U
606-20-2	2,6-Dinitrotoluene	1000	U
99-09-2	3-Nitroaniline	1000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-2

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4045 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4045.04

Sample wt/vol: 10.16 (g/ml) G Lab File ID: BNA01447.D

Level: (low/med) LOW Date Received: 11/10/98

% Moisture: 4.81 decanted:(Y/N) N Date Extracted: 11/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/01/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	1900	
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	1100	B
206-44-0	Fluoranthene	3400	
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	2500	
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	1200	
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	2100	
117-81-7	bis(2-Ethylhexyl)phthalate	1000	U
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	900	J
207-08-9	Benzo[k]fluoranthene	890	J
50-32-8	Benzo[a]pyrene	970	J
193-39-5	Indeno[1,2,3-cd]pyrene	540	J
53-70-3	Dibenz[a,h]anthracene	1000	U
191-24-2	Benzo[g,h,i]perylene	530	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET FIELD ID.

TENTATIVELY IDENTIFIED COMPOUNDS

B-2

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4045 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4045.04

Sample wt/vol: 10.16 (g/ml) G Lab File ID: BNA01447.D

Level: (low/med) LOW Date Received: 11/10/98

% Moisture: 4.81 decanted: (Y/N) N Date Extracted: 11/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/01/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 11 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	18.60	2500	JN
2.	unknown	23.05	1000	J
3. 000629-96-9	1-Eicosanol	24.06	4200	JN
4. 002461-18-9	Oxirane, [(dodecyloxy)methyl]-	25.58	1000	JN
5.	unknown	26.21	930	J
6. 007390-81-0	Oxirane, hexadecyl-	26.58	860	JN
7. 000000-00-0	1-Hexacosanal	27.94	1600	JN
8. 054833-48-6	Heptadecane, 2,6,10,15-tetramet	28.29	1100	JN
9.	unknown	28.34	1700	J
10. 000638-66-4	Octadecanal	29.20	970	JN
11.	unknown	29.74	1100	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-3

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4045 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4045.06

Sample wt/vol: 10.59 (g/ml) G Lab File ID: BNA01448.D

Level: (low/med) LOW Date Received: 11/10/98

% Moisture: 5.74 decanted:(Y/N) N Date Extracted: 11/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/01/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1000	U
62-75-9	N-nitroso-dimethylamine	1000	U
62-53-3	Aniline	1000	U
108-95-2	Phenol	1000	U
111-44-4	bis(2-Chloroethyl)ether	1000	U
95-57-8	2-Chlorophenol	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
100-51-6	Benzyl alcohol	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
	4-Methylphenol	1000	U
621-64-7	n-Nitroso-di-n-propylamine	1000	U
67-72-1	Hexachloroethane	1000	U
98-95-3	Nitrobenzene	1000	U
78-59-1	Isophorone	1000	U
88-75-5	2-Nitrophenol	1000	U
105-67-9	2,4-Dimethylphenol	1000	U
111-91-1	bis(2-Chloroethoxy)methane	1000	U
120-83-2	2,4-Dichlorophenol	1000	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	1000	U
91-20-3	Naphthalene	1000	U
106-47-8	4-Chloroaniline	1000	U
87-68-3	Hexachlorobutadiene	1000	U
59-50-7	4-Chloro-3-methylphenol	1000	U
91-57-6	2-Methylnaphthalene	1000	U
77-47-4	Hexachlorocyclopentadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	1000	U
	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	1000	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	1000	U
208-96-8	Acenaphthylene	1000	U
606-20-2	2,6-Dinitrotoluene	1000	U
99-09-2	3-Nitroaniline	1000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-3

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4045 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4045.06

Sample wt/vol: 10.59 (g/ml) G Lab File ID: BNA01448.D

Level: (low/med) LOW Date Received: 11/10/98

% Moisture: 5.74 decanted:(Y/N) N Date Extracted: 11/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/01/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	1000	U
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	560	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	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 FIELD ID.

TENTATIVELY IDENTIFIED COMPOUNDS

B-3

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4045 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4045.06

Sample wt/vol: 10.59 (g/ml) G Lab File ID: BNA01448.D

Level: (low/med) LOW Date Received: 11/10/98

% Moisture: 5.74 decanted: (Y/N) N Date Extracted: 11/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/01/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 4 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.60	1400	JN
2. 001599-67-3	1-Docosene	24.06	4400	JN
3. 006971-40-0	17-Pentatriacontene	25.58	1200	JN
4.	unknown	26.20	1300	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-4

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4045 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4045.08

Sample wt/vol: 10.07 (g/ml) G Lab File ID: BNA01449.D

Level: (low/med) LOW Date Received: 11/10/98

% Moisture: 7.51 decanted:(Y/N) N Date Extracted: 11/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/01/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-4

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4045 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4045.08

Sample wt/vol: 10.07 (g/ml) G Lab File ID: BNA01449.D

Level: (low/med) LOW Date Received: 11/10/98

% Moisture: 7.51 decanted:(Y/N) N Date Extracted: 11/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/01/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	200	JB
206-44-0	Fluoranthene	130	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	240	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	410	J
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	760	J
207-08-9	Benzo[k]fluoranthene	520	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 FIELD ID.

TENTATIVELY IDENTIFIED COMPOUNDS

B-4

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4045 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4045.08

Sample wt/vol: 10.07 (g/ml) G Lab File ID: BNA01449.D

Level: (low/med) LOW Date Received: 11/10/98

% Moisture: 7.51 decanted: (Y/N) N Date Extracted: 11/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/01/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-5

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4045 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4045.10

Sample wt/vol: 10.08 (g/ml) G Lab File ID: BNA01450.D

Level: (low/med) LOW Date Received: 11/10/98

% Moisture: 5.74 decanted:(Y/N) N Date Extracted: 11/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/01/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-5

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4045 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4045.10

Sample wt/vol: 10.08 (g/ml) G Lab File ID: BNA01450.D

Level: (low/med) LOW Date Received: 11/10/98

% Moisture: 5.74 decanted:(Y/N) N Date Extracted: 11/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/01/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	390	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 FIELD ID.

TENTATIVELY IDENTIFIED COMPOUNDS

B-5

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4045 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4045.10

Sample wt/vol: 10.08 (g/ml) G Lab File ID: BNA01450.D

Level: (low/med) LOW Date Received: 11/10/98

% Moisture: 5.74 decanted: (Y/N) N Date Extracted: 11/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/01/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 6 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000138-86-3	Limonene	7.72	4200	JN
2. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.59	990	JN
3. 000511-15-9	2-Phenanthrenol, 4b,5,6,7,8,8a,9,	22.70	1100	JN
4. 001599-67-3	1-Docosene	24.05	1900	JN
5. 000630-06-8	Hexatriacontane	25.59	940	JN
6. 056554-90-6	13-Octadecenal	26.58	1200	JN

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-6

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4095 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4095.02

Sample wt/vol: 10.22 (g/ml) G Lab File ID: BN02411.D

Level: (low/med) LOW Date Received: 11/30/98

% Moisture: 7.49 decanted:(Y/N) N Date Extracted: 12/1/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/18/98

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	11000	U
62-75-9	N-nitroso-dimethylamine	11000	U
62-53-3	Aniline	11000	U
108-95-2	Phenol	11000	U
111-44-4	bis(2-Chloroethyl)ether	11000	U
95-57-8	2-Chlorophenol	11000	U
541-73-1	1,3-Dichlorobenzene	11000	U
106-46-7	1,4-Dichlorobenzene	11000	U
100-51-6	Benzyl alcohol	11000	U
95-50-1	1,2-Dichlorobenzene	11000	U
	2-Methylphenol	11000	U
108-60-1	bis(2-chloroisopropyl)ether	11000	U
	4-Methylphenol	11000	U
621-64-7	n-Nitroso-di-n-propylamine	11000	U
67-72-1	Hexachloroethane	11000	U
98-95-3	Nitrobenzene	11000	U
78-59-1	Isophorone	11000	U
88-75-5	2-Nitrophenol	11000	U
105-67-9	2,4-Dimethylphenol	11000	U
111-91-1	bis(2-Chloroethoxy)methane	11000	U
120-83-2	2,4-Dichlorophenol	11000	U
65-85-0	Benzoic Acid	11000	U
120-82-1	1,2,4-Trichlorobenzene	11000	U
91-20-3	Naphthalene	11000	U
106-47-8	4-Chloroaniline	11000	U
87-68-3	Hexachlorobutadiene	11000	U
59-50-7	4-Chloro-3-methylphenol	11000	U
91-57-6	2-Methylnaphthalene	11000	U
77-47-4	Hexachlorocyclopentadiene	11000	U
88-06-2	2,4,6-Trichlorophenol	11000	U
	2,4,5-Trichlorophenol	11000	U
91-58-7	2-Chloronaphthalene	11000	U
88-74-4	2-Nitroaniline	11000	U
131-11-3	Dimethylphthalate	11000	U
208-96-8	Acenaphthylene	11000	U
606-20-2	2,6-Dinitrotoluene	11000	U
99-09-2	3-Nitroaniline	11000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **B-6**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4095 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4095.02

Sample wt/vol: 10.22 (g/ml) G Lab File ID: BN02411.D

Level: (low/med) LOW Date Received: 11/30/98

% Moisture: 7.49 decanted:(Y/N) N Date Extracted: 12/1/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/18/98

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	11000	U
51-28-5	2,4-Dinitrophenol	11000	U
132-64-9	Dibenzofuran	11000	U
100-02-7	4-Nitrophenol	11000	U
121-14-2	2,4-Dinitrotoluene	11000	U
84-66-2	Diethylphthalate	11000	U
86-73-7	Fluorene	11000	U
7005-72-3	4-Chlorophenyl-phenylether	11000	U
100-01-6	4-Nitroaniline	11000	U
534-52-1	4,6-Dinitro-2-methylphenol	11000	U
86-30-6	n-Nitrosodiphenylamine	11000	U
103-33-3	Azobenzene	11000	U
101-55-3	4-Bromophenyl-phenylether	11000	U
118-74-1	Hexachlorobenzene	11000	U
87-86-5	Pentachlorophenol	11000	U
85-01-8	Phenanthrene	11000	U
120-12-7	Anthracene	11000	U
84-74-2	Di-n-butylphthalate	11000	U
206-44-0	Fluoranthene	1400	JD
92-87-5	Benzidine	11000	U
129-00-0	Pyrene	1100	JD
85-68-7	Butylbenzylphthalate	11000	U
56-55-3	Benzo[a]anthracene	11000	U
91-94-1	3,3'-Dichlorobenzidine	11000	U
218-01-9	Chrysene	11000	U
117-81-7	bis(2-Ethylhexyl)phthalate	11000	U
117-84-0	Di-n-octylphthalate	11000	U
205-99-2	Benzo[b]fluoranthene	11000	U
207-08-9	Benzo[k]fluoranthene	11000	U
50-32-8	Benzo[a]pyrene	11000	U
193-39-5	Indeno[1,2,3-cd]pyrene	11000	U
53-70-3	Dibenz[a,h]anthracene	11000	U
191-24-2	Benzo[g,h,i]perylene	11000	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **B-6**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4095 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4095.02

Sample wt/vol: 10.22 (g/ml) G Lab File ID: BN02411.D

Level: (low/med) LOW Date Received: 11/30/98

% Moisture: 7.49 decanted: (Y/N) N Date Extracted: 12/1/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/18/98

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-7

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4095 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4095.04

Sample wt/vol: 10.04 (g/ml) G Lab File ID: BN02412.D

Level: (low/med) LOW Date Received: 11/30/98

% Moisture: 10.7 decanted:(Y/N) N Date Extracted: 12/1/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/18/98

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	11000	U
62-75-9	N-nitroso-dimethylamine	11000	U
62-53-3	Aniline	11000	U
108-95-2	Phenol	11000	U
111-44-4	bis(2-Chloroethyl)ether	11000	U
95-57-8	2-Chlorophenol	11000	U
541-73-1	1,3-Dichlorobenzene	11000	U
106-46-7	1,4-Dichlorobenzene	11000	U
100-51-6	Benzyl alcohol	11000	U
95-50-1	1,2-Dichlorobenzene	11000	U
	2-Methylphenol	11000	U
108-60-1	bis(2-chloroisopropyl)ether	11000	U
	4-Methylphenol	11000	U
621-64-7	n-Nitroso-di-n-propylamine	11000	U
67-72-1	Hexachloroethane	11000	U
98-95-3	Nitrobenzene	11000	U
78-59-1	Isophorone	11000	U
88-75-5	2-Nitrophenol	11000	U
105-67-9	2,4-Dimethylphenol	11000	U
111-91-1	bis(2-Chloroethoxy)methane	11000	U
120-83-2	2,4-Dichlorophenol	11000	U
65-85-0	Benzoic Acid	11000	U
120-82-1	1,2,4-Trichlorobenzene	11000	U
91-20-3	Naphthalene	11000	U
106-47-8	4-Chloroaniline	11000	U
87-68-3	Hexachlorobutadiene	11000	U
59-50-7	4-Chloro-3-methylphenol	11000	U
91-57-6	2-Methylnaphthalene	11000	U
77-47-4	Hexachlorocyclopentadiene	11000	U
88-06-2	2,4,6-Trichlorophenol	11000	U
	2,4,5-Trichlorophenol	11000	U
91-58-7	2-Chloronaphthalene	11000	U
88-74-4	2-Nitroaniline	11000	U
131-11-3	Dimethylphthalate	11000	U
208-96-8	Acenaphthylene	11000	U
606-20-2	2,6-Dinitrotoluene	11000	U
99-09-2	3-Nitroaniline	11000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **B-7**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4095 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4095.04

Sample wt/vol: 10.04 (g/ml) G Lab File ID: BN02412.D

Level: (low/med) LOW Date Received: 11/30/98

% Moisture: 10.7 decanted:(Y/N) N Date Extracted: 12/1/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/18/98

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	11000	U
51-28-5	2,4-Dinitrophenol	11000	U
132-64-9	Dibenzofuran	11000	U
100-02-7	4-Nitrophenol	11000	U
121-14-2	2,4-Dinitrotoluene	11000	U
84-66-2	Diethylphthalate	11000	U
86-73-7	Fluorene	11000	U
7005-72-3	4-Chlorophenyl-phenylether	11000	U
100-01-6	4-Nitroaniline	11000	U
534-52-1	4,6-Dinitro-2-methylphenol	11000	U
86-30-6	n-Nitrosodiphenylamine	11000	U
103-33-3	Azobenzene	11000	U
101-55-3	4-Bromophenyl-phenylether	11000	U
118-74-1	Hexachlorobenzene	11000	U
87-86-5	Pentachlorophenol	11000	U
85-01-8	Phenanthrene	11000	U
120-12-7	Anthracene	11000	U
84-74-2	Di-n-butylphthalate	11000	U
206-44-0	Fluoranthene	11000	U
92-87-5	Benzidine	11000	U
129-00-0	Pyrene	11000	U
85-68-7	Butylbenzylphthalate	11000	U
56-55-3	Benzo[a]anthracene	11000	U
91-94-1	3,3'-Dichlorobenzidine	11000	U
218-01-9	Chrysene	11000	U
117-81-7	bis(2-Ethylhexyl)phthalate	11000	U
117-84-0	Di-n-octylphthalate	11000	U
205-99-2	Benzo[b]fluoranthene	11000	U
207-08-9	Benzo[k]fluoranthene	11000	U
50-32-8	Benzo[a]pyrene	11000	U
193-39-5	Indeno[1,2,3-cd]pyrene	11000	U
53-70-3	Dibenz[a,h]anthracene	11000	U
191-24-2	Benzo[g,h,i]perylene	11000	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **B-7**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4095 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4095.04

Sample wt/vol: 10.04 (g/ml) G Lab File ID: BN02412.D

Level: (low/med) LOW Date Received: 11/30/98

% Moisture: 10.7 decanted: (Y/N) N Date Extracted: 12/1/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/18/98

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-8

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4095 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4095.06

Sample wt/vol: 9.99 (g/ml) G Lab File ID: BN02413.D

Level: (low/med) LOW Date Received: 11/30/98

% Moisture: 13.57 decanted:(Y/N) N Date Extracted: 12/1/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/18/98

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (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

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-8

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4095 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4095.06

Sample wt/vol: 9.99 (g/ml) G Lab File ID: BN02413.D

Level: (low/med) LOW Date Received: 11/30/98

% Moisture: 13.57 decanted:(Y/N) N Date Extracted: 12/1/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/18/98

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (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	12000	U
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

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **B-8**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4095 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4095.06

Sample wt/vol: 9.99 (g/ml) G Lab File ID: BN02413.D

Level: (low/med) LOW Date Received: 11/30/98

% Moisture: 13.57 decanted: (Y/N) N Date Extracted: 12/1/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/18/98

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	24.14	19000	JD

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-9

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4095 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4095.08

Sample wt/vol: 10.13 (g/ml) G Lab File ID: BN02414.D

Level: (low/med) LOW Date Received: 11/30/98

% Moisture: 13.33 decanted:(Y/N) N Date Extracted: 12/1/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/18/98

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	11000	U
62-75-9	N-nitroso-dimethylamine	11000	U
62-53-3	Aniline	11000	U
108-95-2	Phenol	11000	U
111-44-4	bis(2-Chloroethyl)ether	11000	U
95-57-8	2-Chlorophenol	11000	U
541-73-1	1,3-Dichlorobenzene	11000	U
106-46-7	1,4-Dichlorobenzene	11000	U
100-51-6	Benzyl alcohol	11000	U
95-50-1	1,2-Dichlorobenzene	11000	U
	2-Methylphenol	11000	U
108-60-1	bis(2-chloroisopropyl)ether	11000	U
	4-Methylphenol	11000	U
621-64-7	n-Nitroso-di-n-propylamine	11000	U
67-72-1	Hexachloroethane	11000	U
98-95-3	Nitrobenzene	11000	U
78-59-1	Isophorone	11000	U
88-75-5	2-Nitrophenol	11000	U
105-67-9	2,4-Dimethylphenol	11000	U
111-91-1	bis(2-Chloroethoxy)methane	11000	U
120-83-2	2,4-Dichlorophenol	11000	U
65-85-0	Benzoic Acid	11000	U
120-82-1	1,2,4-Trichlorobenzene	11000	U
91-20-3	Naphthalene	11000	U
106-47-8	4-Chloroaniline	11000	U
87-68-3	Hexachlorobutadiene	11000	U
59-50-7	4-Chloro-3-methylphenol	11000	U
91-57-6	2-Methylnaphthalene	11000	U
77-47-4	Hexachlorocyclopentadiene	11000	U
88-06-2	2,4,6-Trichlorophenol	11000	U
	2,4,5-Trichlorophenol	11000	U
91-58-7	2-Chloronaphthalene	11000	U
88-74-4	2-Nitroaniline	11000	U
131-11-3	Dimethylphthalate	11000	U
208-96-8	Acenaphthylene	11000	U
606-20-2	2,6-Dinitrotoluene	11000	U
99-09-2	3-Nitroaniline	11000	U

1C

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-9

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4095 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4095.08

Sample wt/vol: 10.13 (g/ml) G Lab File ID: BN02414.D

Level: (low/med) LOW Date Received: 11/30/98

% Moisture: 13.33 decanted:(Y/N) N Date Extracted: 12/1/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/18/98

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	11000	U
51-28-5	2,4-Dinitrophenol	11000	U
132-64-9	Dibenzofuran	11000	U
100-02-7	4-Nitrophenol	11000	U
121-14-2	2,4-Dinitrotoluene	11000	U
84-66-2	Diethylphthalate	11000	U
86-73-7	Fluorene	11000	U
7005-72-3	4-Chlorophenyl-phenylether	11000	U
100-01-6	4-Nitroaniline	11000	U
534-52-1	4,6-Dinitro-2-methylphenol	11000	U
86-30-6	n-Nitrosodiphenylamine	11000	U
103-33-3	Azobenzene	11000	U
101-55-3	4-Bromophenyl-phenylether	11000	U
118-74-1	Hexachlorobenzene	11000	U
87-86-5	Pentachlorophenol	11000	U
85-01-8	Phenanthrene	11000	U
120-12-7	Anthracene	11000	U
84-74-2	Di-n-butylphthalate	1100	JBD
206-44-0	Fluoranthene	11000	U
92-87-5	Benzidine	11000	U
129-00-0	Pyrene	11000	U
85-68-7	Butylbenzylphthalate	11000	U
56-55-3	Benzo[a]anthracene	11000	U
91-94-1	3,3'-Dichlorobenzidine	11000	U
218-01-9	Chrysene	11000	U
117-81-7	bis(2-Ethylhexyl)phthalate	11000	U
117-84-0	Di-n-octylphthalate	11000	U
205-99-2	Benzo[b]fluoranthene	11000	U
207-08-9	Benzo[k]fluoranthene	11000	U
50-32-8	Benzo[a]pyrene	11000	U
193-39-5	Indeno[1,2,3-cd]pyrene	11000	U
53-70-3	Dibenz[a,h]anthracene	11000	U
191-24-2	Benzo[g,h,i]perylene	11000	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **B-9**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4095 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4095.08

Sample wt/vol: 10.13 (g/ml) G Lab File ID: BN02414.D

Level: (low/med) LOW Date Received: 11/30/98

% Moisture: 13.33 decanted: (Y/N) N Date Extracted: 12/1/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/18/98

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000630-06-8	Hexatriacontane	27.26	15000	JND

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-10

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4095 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4095.10

Sample wt/vol: 10.04 (g/ml) G Lab File ID: BN02415.D

Level: (low/med) LOW Date Received: 11/30/98

% Moisture: 16.97 decanted:(Y/N) N Date Extracted: 12/1/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/18/98

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (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-10**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4095 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4095.10

Sample wt/vol: 10.04 (g/ml) G Lab File ID: BN02415.D

Level: (low/med) LOW Date Received: 11/30/98

% Moisture: 16.97 decanted:(Y/N) N Date Extracted: 12/1/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/18/98

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (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	1000	JBD
206-44-0	Fluoranthene	12000	U
92-87-5	Benzidine	12000	U
129-00-0	Pyrene	1400	JD
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	2600	JBD
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

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **B-10**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4095 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4095.10

Sample wt/vol: 10.04 (g/ml) G Lab File ID: BN02415.D

Level: (low/med) LOW Date Received: 11/30/98

% Moisture: 16.97 decanted: (Y/N) N Date Extracted: 12/1/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/18/98

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 010544-50-0	Sulfur, mol. (S8)	20.73	66000	JND

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-11

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4095 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4095.12

Sample wt/vol: 10.01 (g/ml) G Lab File ID: BN02416.D

Level: (low/med) LOW Date Received: 11/30/98

% Moisture: 9.29 decanted:(Y/N) N Date Extracted: 12/1/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/18/98

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	11000	U
62-75-9	N-nitroso-dimethylamine	11000	U
62-53-3	Aniline	11000	U
108-95-2	Phenol	11000	U
111-44-4	bis(2-Chloroethyl)ether	11000	U
95-57-8	2-Chlorophenol	11000	U
541-73-1	1,3-Dichlorobenzene	11000	U
106-46-7	1,4-Dichlorobenzene	11000	U
100-51-6	Benzyl alcohol	11000	U
95-50-1	1,2-Dichlorobenzene	11000	U
	2-Methylphenol	11000	U
108-60-1	bis(2-chloroisopropyl)ether	11000	U
	4-Methylphenol	11000	U
621-64-7	n-Nitroso-di-n-propylamine	11000	U
67-72-1	Hexachloroethane	11000	U
98-95-3	Nitrobenzene	11000	U
78-59-1	Isophorone	11000	U
88-75-5	2-Nitrophenol	11000	U
105-67-9	2,4-Dimethylphenol	11000	U
111-91-1	bis(2-Chloroethoxy)methane	11000	U
120-83-2	2,4-Dichlorophenol	11000	U
65-85-0	Benzoic Acid	11000	U
120-82-1	1,2,4-Trichlorobenzene	11000	U
91-20-3	Naphthalene	11000	U
106-47-8	4-Chloroaniline	11000	U
87-68-3	Hexachlorobutadiene	11000	U
59-50-7	4-Chloro-3-methylphenol	11000	U
91-57-6	2-Methylnaphthalene	11000	U
77-47-4	Hexachlorocyclopentadiene	11000	U
88-06-2	2,4,6-Trichlorophenol	11000	U
	2,4,5-Trichlorophenol	11000	U
91-58-7	2-Chloronaphthalene	11000	U
88-74-4	2-Nitroaniline	11000	U
131-11-3	Dimethylphthalate	11000	U
208-96-8	Acenaphthylene	11000	U
606-20-2	2,6-Dinitrotoluene	11000	U
99-09-2	3-Nitroaniline	11000	U

1C

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-11

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4095 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4095.12

Sample wt/vol: 10.01 (g/ml) G Lab File ID: BN02416.D

Level: (low/med) LOW Date Received: 11/30/98

% Moisture: 9.29 decanted:(Y/N) N Date Extracted: 12/1/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/18/98

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	11000	U
51-28-5	2,4-Dinitrophenol	11000	U
132-64-9	Dibenzofuran	11000	U
100-02-7	4-Nitrophenol	11000	U
121-14-2	2,4-Dinitrotoluene	11000	U
84-66-2	Diethylphthalate	11000	U
86-73-7	Fluorene	11000	U
7005-72-3	4-Chlorophenyl-phenylether	11000	U
100-01-6	4-Nitroaniline	11000	U
534-52-1	4,6-Dinitro-2-methylphenol	11000	U
86-30-6	n-Nitrosodiphenylamine	11000	U
103-33-3	Azobenzene	11000	U
101-55-3	4-Bromophenyl-phenylether	11000	U
118-74-1	Hexachlorobenzene	11000	U
87-86-5	Pentachlorophenol	11000	U
85-01-8	Phenanthrene	11000	U
120-12-7	Anthracene	11000	U
84-74-2	Di-n-butylphthalate	11000	U
206-44-0	Fluoranthene	11000	U
92-87-5	Benzidine	11000	U
129-00-0	Pyrene	11000	U
85-68-7	Butylbenzylphthalate	11000	U
56-55-3	Benzo[a]anthracene	11000	U
91-94-1	3,3'-Dichlorobenzidine	11000	U
218-01-9	Chrysene	11000	U
117-81-7	bis(2-Ethylhexyl)phthalate	11000	U
117-84-0	Di-n-octylphthalate	1600	JD
205-99-2	Benzo[b]fluoranthene	11000	U
207-08-9	Benzo[k]fluoranthene	11000	U
50-32-8	Benzo[a]pyrene	11000	U
193-39-5	Indeno[1,2,3-cd]pyrene	11000	U
53-70-3	Dibenz[a,h]anthracene	11000	U
191-24-2	Benzo[g,h,i]perylene	11000	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **B-11**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4095 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4095.12

Sample wt/vol: 10.01 (g/ml) G Lab File ID: BN02416.D

Level: (low/med) LOW Date Received: 11/30/98

% Moisture: 9.29 decanted: (Y/N) N Date Extracted: 12/1/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/18/98

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-12

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4145 Location: M8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4145.02

Sample wt/vol: 10.44 (g/ml) G Lab File ID: BNA01802.D

Level: (low/med) LOW Date Received: 12/16/98

% Moisture: 8.54 decanted:(Y/N) N Date Extracted: 12/18/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/05/99

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	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-12

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4145 Location: M8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4145.02

Sample wt/vol: 10.44 (g/ml) G Lab File ID: BNA01802.D

Level: (low/med) LOW Date Received: 12/16/98

% Moisture: 8.54 decanted:(Y/N) N Date Extracted: 12/18/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/05/99

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	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	J
120-12-7	Anthracene	230	J
84-74-2	Di-n-butylphthalate	1300	B
206-44-0	Fluoranthene	1500	
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	1400	
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	620	J
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	730	J
117-81-7	bis(2-Ethylhexyl)phthalate	290	JB
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	570	J
207-08-9	Benzo[k]fluoranthene	680	J
50-32-8	Benzo[a]pyrene	590	J
193-39-5	Indeno[1,2,3-cd]pyrene	180	J
53-70-3	Dibenz[a,h]anthracene	1000	U
191-24-2	Benzo[g,h,i]perylene	210	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET FIELD ID.

TENTATIVELY IDENTIFIED COMPOUNDS

B-12

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4145 Location: M8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4145.02

Sample wt/vol: 10.44 (g/ml) G Lab File ID: BNA01802.D

Level: (low/med) LOW Date Received: 12/16/98

% Moisture: 8.54 decanted: (Y/N) N Date Extracted: 12/18/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/05/99

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	18.56	5600	JN
2. 074685-30-6	5-Eicosene, (E)-	24.01	3200	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-13

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4145 Location: M8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4145-04

Sample wt/vol: 10.09 (g/ml) G Lab File ID: BNA01811.D

Level: (low/med) LOW Date Received: 12/16/98

% Moisture: 27.89 decanted:(Y/N) N Date Extracted: 12/18/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/06/99

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	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-13

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4145 Location: M8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4145-04

Sample wt/vol: 10.09 (g/ml) G Lab File ID: BNA01811.D

Level: (low/med) LOW Date Received: 12/16/98

% Moisture: 27.89 decanted:(Y/N) N Date Extracted: 12/18/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/06/99

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	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	3000	B
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	330	J
120-12-7	Anthracene	1400	U
84-74-2	Di-n-butylphthalate	530	JB
206-44-0	Fluoranthene	800	J
92-87-5	Benzidine	1400	U
129-00-0	Pyrene	680	J
85-68-7	Butylbenzylphthalate	1400	U
56-55-3	Benzo[a]anthracene	300	J
91-94-1	3,3'-Dichlorobenzidine	1400	U
218-01-9	Chrysene	460	J
117-81-7	bis(2-Ethylhexyl)phthalate	270	JB
117-84-0	Di-n-octylphthalate	1400	U
205-99-2	Benzo[b]fluoranthene	400	J
207-08-9	Benzo[k]fluoranthene	420	J
50-32-8	Benzo[a]pyrene	340	J
193-39-5	Indeno[1,2,3-cd]pyrene	170	J
53-70-3	Dibenz[a,h]anthracene	1400	U
191-24-2	Benzo[g,h,i]perylene	210	J

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET FIELD ID.

TENTATIVELY IDENTIFIED COMPOUNDS

B-13

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4145 Location: M8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4145-04

Sample wt/vol: 10.09 (g/ml) G Lab File ID: BNA01811.D

Level: (low/med) LOW Date Received: 12/16/98

% Moisture: 27.89 decanted: (Y/N) N Date Extracted: 12/18/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/06/99

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)-	24.01	3100	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-14

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4145 Location: M8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4145-06

Sample wt/vol: 10.04 (g/ml) G Lab File ID: BNA01812.D

Level: (low/med) LOW Date Received: 12/16/98

% Moisture: 27.85 decanted:(Y/N) N Date Extracted: 12/18/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/06/99

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	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	240	J
606-20-2	2,6-Dinitrotoluene	1400	U
99-09-2	3-Nitroaniline	1400	U

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID. **B-14**

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4145 Location: M8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4145-06

Sample wt/vol: 10.04 (g/ml) G Lab File ID: BNA01812.D

Level: (low/med) LOW Date Received: 12/16/98

% Moisture: 27.85 decanted:(Y/N) N Date Extracted: 12/18/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/06/99

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	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	2600	B
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	1800	
120-12-7	Anthracene	330	J
84-74-2	Di-n-butylphthalate	1300	JB
206-44-0	Fluoranthene	4000	
92-87-5	Benzidine	1400	U
129-00-0	Pyrene	3100	
85-68-7	Butylbenzylphthalate	1400	U
56-55-3	Benzo[a]anthracene	1400	
91-94-1	3,3'-Dichlorobenzidine	1400	U
218-01-9	Chrysene	2000	
117-81-7	bis(2-Ethylhexyl)phthalate	160	JB
117-84-0	Di-n-octylphthalate	1400	U
205-99-2	Benzo[b]fluoranthene	1600	
207-08-9	Benzo[k]fluoranthene	1600	
50-32-8	Benzo[a]pyrene	1500	
193-39-5	Indeno[1,2,3-cd]pyrene	600	J
53-70-3	Dibenz[a,h]anthracene	180	J
191-24-2	Benzo[g,h,i]perylene	680	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET FIELD ID.

TENTATIVELY IDENTIFIED COMPOUNDS

B-14

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4145 Location: M8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4145-06

Sample wt/vol: 10.04 (g/ml) G Lab File ID: BNA01812.D

Level: (low/med) LOW Date Received: 12/16/98

% Moisture: 27.85 decanted: (Y/N) N Date Extracted: 12/18/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/06/99

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	18.54	1900	JN
2. 074685-33-9	3-Eicosene, (E)-	24.01	3000	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-15

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4145 Location: M8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4145-08

Sample wt/vol: 10.42 (g/ml) G Lab File ID: BNA01813.D

Level: (low/med) LOW Date Received: 12/16/98

% Moisture: 21.78 decanted:(Y/N) N Date Extracted: 12/18/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/06/99

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	270	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	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	200	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-15

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4145 Location: M8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4145-08

Sample wt/vol: 10.42 (g/ml) G Lab File ID: BNA01813.D

Level: (low/med) LOW Date Received: 12/16/98

% Moisture: 21.78 decanted:(Y/N) N Date Extracted: 12/18/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/06/99

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	540	J
51-28-5	2,4-Dinitrophenol	1200	U
132-64-9	Dibenzofuran	260	J
100-02-7	4-Nitrophenol	1200	U
121-14-2	2,4-Dinitrotoluene	1200	U
84-66-2	Diethylphthalate	1900	B
86-73-7	Fluorene	450	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	5600	
120-12-7	Anthracene	1100	J
84-74-2	Di-n-butylphthalate	1800	B
206-44-0	Fluoranthene	8200	
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	5700	
85-68-7	Butylbenzylphthalate	1200	U
56-55-3	Benzo[a]anthracene	2800	
91-94-1	3,3'-Dichlorobenzidine	1200	U
218-01-9	Chrysene	3500	
117-81-7	bis(2-Ethylhexyl)phthalate	410	JB
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo[b]fluoranthene	3100	
207-08-9	Benzo[k]fluoranthene	2900	
50-32-8	Benzo[a]pyrene	2700	
193-39-5	Indeno[1,2,3-cd]pyrene	860	J
53-70-3	Dibenz[a,h]anthracene	250	J
191-24-2	Benzo[g,h,i]perylene	920	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET FIELD ID.

TENTATIVELY IDENTIFIED COMPOUNDS

B-15

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4145 Location: M8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4145-08

Sample wt/vol: 10.42 (g/ml) G Lab File ID: BNA01813.D

Level: (low/med) LOW Date Received: 12/16/98

% Moisture: 21.78 decanted: (Y/N) N Date Extracted: 12/18/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/06/99

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	18.54	2300	JN
2. 001454-84-8	1-Nonadecanol	24.02	3500	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-16

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4145 Location: M8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4145-10

Sample wt/vol: 10.18 (g/ml) G Lab File ID: BNA01814.D

Level: (low/med) LOW Date Received: 12/16/98

% Moisture: 17.47 decanted:(Y/N) N Date Extracted: 12/18/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/06/99

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	160	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-16

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4145 Location: M8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4145-10

Sample wt/vol: 10.18 (g/ml) G Lab File ID: BNA01814.D

Level: (low/med) LOW Date Received: 12/16/98

% Moisture: 17.47 decanted:(Y/N) N Date Extracted: 12/18/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/06/99

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	1600	B
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	830	J
120-12-7	Anthracene	220	J
84-74-2	Di-n-butylphthalate	1200	B
206-44-0	Fluoranthene	2000	
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	1900	
85-68-7	Butylbenzylphthalate	1200	U
56-55-3	Benzo[a]anthracene	990	J
91-94-1	3,3'-Dichlorobenzidine	1200	U
218-01-9	Chrysene	1700	
117-81-7	bis(2-Ethylhexyl)phthalate	210	JB
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo[b]fluoranthene	1400	
207-08-9	Benzo[k]fluoranthene	1400	
50-32-8	Benzo[a]pyrene	1000	J
193-39-5	Indeno[1,2,3-cd]pyrene	350	J
53-70-3	Dibenz[a,h]anthracene	140	J
191-24-2	Benzo[g,h,i]perylene	380	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET FIELD ID.

TENTATIVELY IDENTIFIED COMPOUNDS

B-16

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4145 Location: M8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4145-10

Sample wt/vol: 10.18 (g/ml) G Lab File ID: BNA01814.D

Level: (low/med) LOW Date Received: 12/16/98

% Moisture: 17.47 decanted: (Y/N) N Date Extracted: 12/18/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/06/99

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	18.54	1700	JN
2. 074685-30-6	5-Eicosene, (E)-	24.01	8800	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-17

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4145 Location: M8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4145-12

Sample wt/vol: 10.12 (g/ml) G Lab File ID: BNA01815.D

Level: (low/med) LOW Date Received: 12/16/98

% Moisture: 11.28 decanted:(Y/N) N Date Extracted: 12/18/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/06/99

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	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.: 4145 Location: M8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4145-12

Sample wt/vol: 10.12 (g/ml) G Lab File ID: BNA01815.D

Level: (low/med) LOW Date Received: 12/16/98

% Moisture: 11.28 decanted:(Y/N) N Date Extracted: 12/18/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/06/99

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	1300	B
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	460	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	420	JB
206-44-0	Fluoranthene	670	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	710	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	270	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	400	J
117-81-7	bis(2-Ethylhexyl)phthalate	140	JB
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	360	J
207-08-9	Benzo[k]fluoranthene	420	J
50-32-8	Benzo[a]pyrene	290	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 FIELD ID.

TENTATIVELY IDENTIFIED COMPOUNDS

B-17

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4145 Location: M8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4145-12

Sample wt/vol: 10.12 (g/ml) G Lab File ID: BNA01815.D

Level: (low/med) LOW Date Received: 12/16/98

% Moisture: 11.28 decanted: (Y/N) N Date Extracted: 12/18/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/06/99

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)-	24.01	2400	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-18

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4145 Location: M8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4145-14

Sample wt/vol: 10.02 (g/ml) G Lab File ID: BNA01816.D

Level: (low/med) LOW Date Received: 12/16/98

% Moisture: 25.49 decanted:(Y/N) N Date Extracted: 12/18/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/06/99

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	1300	U
62-75-9	N-nitroso-dimethylamine	1300	U
62-53-3	Aniline	1300	U
108-95-2	Phenol	1300	U
111-44-4	bis(2-Chloroethyl)ether	1300	U
95-57-8	2-Chlorophenol	1300	U
541-73-1	1,3-Dichlorobenzene	1300	U
106-46-7	1,4-Dichlorobenzene	1300	U
100-51-6	Benzyl alcohol	1300	U
95-50-1	1,2-Dichlorobenzene	1300	U
	2-Methylphenol	1300	U
108-60-1	bis(2-chloroisopropyl)ether	1300	U
	4-Methylphenol	1300	U
621-64-7	n-Nitroso-di-n-propylamine	1300	U
67-72-1	Hexachloroethane	1300	U
98-95-3	Nitrobenzene	1300	U
78-59-1	Isophorone	1300	U
88-75-5	2-Nitrophenol	1300	U
105-67-9	2,4-Dimethylphenol	1300	U
111-91-1	bis(2-Chloroethoxy)methane	1300	U
120-83-2	2,4-Dichlorophenol	1300	U
65-85-0	Benzoic Acid	1300	U
120-82-1	1,2,4-Trichlorobenzene	1300	U
91-20-3	Naphthalene	1300	U
106-47-8	4-Chloroaniline	1300	U
87-68-3	Hexachlorobutadiene	1300	U
59-50-7	4-Chloro-3-methylphenol	1300	U
91-57-6	2-Methylnaphthalene	1300	U
77-47-4	Hexachlorocyclopentadiene	1300	U
88-06-2	2,4,6-Trichlorophenol	1300	U
	2,4,5-Trichlorophenol	1300	U
91-58-7	2-Chloronaphthalene	1300	U
88-74-4	2-Nitroaniline	1300	U
131-11-3	Dimethylphthalate	1300	U
208-96-8	Acenaphthylene	230	J
606-20-2	2,6-Dinitrotoluene	1300	U
99-09-2	3-Nitroaniline	1300	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-18

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4145 Location: M8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4145-14

Sample wt/vol: 10.02 (g/ml) G Lab File ID: BNA01816.D

Level: (low/med) LOW Date Received: 12/16/98

% Moisture: 25.49 decanted:(Y/N) N Date Extracted: 12/18/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/06/99

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	1300	U
51-28-5	2,4-Dinitrophenol	1300	U
132-64-9	Dibenzofuran	1300	U
100-02-7	4-Nitrophenol	1300	U
121-14-2	2,4-Dinitrotoluene	1300	U
84-66-2	Diethylphthalate	1300	JB
86-73-7	Fluorene	1300	U
7005-72-3	4-Chlorophenyl-phenylether	1300	U
100-01-6	4-Nitroaniline	1300	U
534-52-1	4,6-Dinitro-2-methylphenol	1300	U
86-30-6	n-Nitrosodiphenylamine	1300	U
103-33-3	Azobenzene	1300	U
101-55-3	4-Bromophenyl-phenylether	1300	U
118-74-1	Hexachlorobenzene	1300	U
87-86-5	Pentachlorophenol	1300	U
85-01-8	Phenanthrene	1100	J
120-12-7	Anthracene	280	J
84-74-2	Di-n-butylphthalate	430	JB
206-44-0	Fluoranthene	2800	
92-87-5	Benzidine	1300	U
129-00-0	Pyrene	3900	
85-68-7	Butylbenzylphthalate	1300	U
56-55-3	Benzo[a]anthracene	770	J
91-94-1	3,3'-Dichlorobenzidine	1300	U
218-01-9	Chrysene	2200	
117-81-7	bis(2-Ethylhexyl)phthalate	390	JB
117-84-0	Di-n-octylphthalate	1300	U
205-99-2	Benzo[b]fluoranthene	1600	
207-08-9	Benzo[k]fluoranthene	1600	
50-32-8	Benzo[a]pyrene	1100	J
193-39-5	Indeno[1,2,3-cd]pyrene	310	J
53-70-3	Dibenz[a,h]anthracene	1300	U
191-24-2	Benzo[g,h,i]perylene	340	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET FIELD ID.

TENTATIVELY IDENTIFIED COMPOUNDS

B-18

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4145 Location: M8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4145-14

Sample wt/vol: 10.02 (g/ml) G Lab File ID: BNA01816.D

Level: (low/med) LOW Date Received: 12/16/98

% Moisture: 25.49 decanted: (Y/N) N Date Extracted: 12/18/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/06/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-19

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4145 Location: M8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4145.16

Sample wt/vol: 10.16 (g/ml) G Lab File ID: BNA01832.D

Level: (low/med) LOW Date Received: 12/16/98

% Moisture: 7.42 decanted:(Y/N) N Date Extracted: 12/21/98

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

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-19

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4145 Location: M8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4145.16

Sample wt/vol: 10.16 (g/ml) G Lab File ID: BNA01832.D

Level: (low/med) LOW Date Received: 12/16/98

% Moisture: 7.42 decanted:(Y/N) N Date Extracted: 12/21/98

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

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	210	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	190	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	1300	B
206-44-0	Fluoranthene	330	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	330	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	160	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	210	J
117-81-7	bis(2-Ethylhexyl)phthalate	290	J
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	170	J
207-08-9	Benzo[k]fluoranthene	190	J
50-32-8	Benzo[a]pyrene	190	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	110	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET FIELD ID.

TENTATIVELY IDENTIFIED COMPOUNDS

B-19

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4145 Location: M8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4145.16

Sample wt/vol: 10.16 (g/ml) G Lab File ID: BNA01832.D

Level: (low/med) LOW Date Received: 12/16/98

% Moisture: 7.42 decanted: (Y/N) N Date Extracted: 12/21/98

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

Number TICs found: 5 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.53	1800	JN
2. 010544-50-0	Sulfur, mol. (S8)	20.22	1200	JN
3. 074685-33-9	3-Eicosene, (E)-	23.99	1700	JN
4. 000112-95-8	Eicosane	25.53	1100	JN
5. 000646-31-1	Tetracosane	28.23	1600	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-20

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4145 Location: M8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4145.18

Sample wt/vol: 10.79 (g/ml) G Lab File ID: BNA01833.D

Level: (low/med) LOW Date Received: 12/16/98

% Moisture: 8.76 decanted:(Y/N) N Date Extracted: 12/21/98

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1000	U
62-75-9	N-nitroso-dimethylamine	1000	U
62-53-3	Aniline	1000	U
108-95-2	Phenol	1000	U
111-44-4	bis(2-Chloroethyl)ether	1000	U
95-57-8	2-Chlorophenol	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
100-51-6	Benzyl alcohol	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
	4-Methylphenol	1000	U
621-64-7	n-Nitroso-di-n-propylamine	1000	U
67-72-1	Hexachloroethane	1000	U
98-95-3	Nitrobenzene	1000	U
78-59-1	Isophorone	1000	U
88-75-5	2-Nitrophenol	1000	U
105-67-9	2,4-Dimethylphenol	1000	U
111-91-1	bis(2-Chloroethoxy)methane	1000	U
120-83-2	2,4-Dichlorophenol	1000	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	1000	U
91-20-3	Naphthalene	1000	U
106-47-8	4-Chloroaniline	1000	U
87-68-3	Hexachlorobutadiene	1000	U
59-50-7	4-Chloro-3-methylphenol	1000	U
91-57-6	2-Methylnaphthalene	1000	U
77-47-4	Hexachlorocyclopentadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	1000	U
	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	1000	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	1000	U
208-96-8	Acenaphthylene	1000	U
606-20-2	2,6-Dinitrotoluene	1000	U
99-09-2	3-Nitroaniline	1000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-20

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4145 Location: M8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4145.18

Sample wt/vol: 10.79 (g/ml) G Lab File ID: BNA01833.D

Level: (low/med) LOW Date Received: 12/16/98

% Moisture: 8.76 decanted:(Y/N) N Date Extracted: 12/21/98

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	170	J
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	140	J
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	1200	B
206-44-0	Fluoranthene	330	J
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	350	J
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	180	J
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	260	J
117-81-7	bis(2-Ethylhexyl)phthalate	180	J
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	210	J
207-08-9	Benzo[k]fluoranthene	270	J
50-32-8	Benzo[a]pyrene	220	J
193-39-5	Indeno[1,2,3-cd]pyrene	1000	U
53-70-3	Dibenz[a,h]anthracene	1000	U
191-24-2	Benzo[g,h,i]perylene	1000	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET FIELD ID.

TENTATIVELY IDENTIFIED COMPOUNDS

B-20

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4145 Location: M8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4145.18

Sample wt/vol: 10.79 (g/ml) G Lab File ID: BNA01833.D

Level: (low/med) LOW Date Received: 12/16/98

% Moisture: 8.76 decanted: (Y/N) N Date Extracted: 12/21/98

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: 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	18.53	1400	JN
2. 074685-33-9	3-Eicosene, (E)-	24.00	3900	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-21

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4145 Location: M8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4145.20

Sample wt/vol: 10.27 (g/ml) G Lab File ID: BNA01836.D

Level: (low/med) LOW Date Received: 12/16/98

% Moisture: 8.9 decanted:(Y/N) N Date Extracted: 12/21/98

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

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-21

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4145 Location: M8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4145.20

Sample wt/vol: 10.27 (g/ml) G Lab File ID: BNA01836.D

Level: (low/med) LOW Date Received: 12/16/98

% Moisture: 8.9 decanted:(Y/N) N Date Extracted: 12/21/98

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

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	190	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	2000	B
206-44-0	Fluoranthene	440	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	490	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	220	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	270	J
117-81-7	bis(2-Ethylhexyl)phthalate	180	J
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	330	J
207-08-9	Benzo[k]fluoranthene	340	J
50-32-8	Benzo[a]pyrene	400	J
193-39-5	Indeno[1,2,3-cd]pyrene	140	J
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	180	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET FIELD ID.

TENTATIVELY IDENTIFIED COMPOUNDS

B-21

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4145 Location: M8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4145.20

Sample wt/vol: 10.27 (g/ml) G Lab File ID: BNA01836.D

Level: (low/med) LOW Date Received: 12/16/98

% Moisture: 8.9 decanted: (Y/N) N Date Extracted: 12/21/98

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: 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	18.55	4000	JN
2. 000112-88-9	1-Octadecene	24.00	3100	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-22

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4145 Location: M8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4145.22

Sample wt/vol: 10.27 (g/ml) G Lab File ID: BNA01837.D

Level: (low/med) LOW Date Received: 12/16/98

% Moisture: 19.15 decanted:(Y/N) N Date Extracted: 12/21/98

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

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	130	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-22

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4145 Location: M8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4145.22

Sample wt/vol: 10.27 (g/ml) G Lab File ID: BNA01837.D

Level: (low/med) LOW Date Received: 12/16/98

% Moisture: 19.15 decanted:(Y/N) N Date Extracted: 12/21/98

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

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	
120-12-7	Anthracene	320	J
84-74-2	Di-n-butylphthalate	1200	B
206-44-0	Fluoranthene	2200	
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	2200	
85-68-7	Butylbenzylphthalate	1200	U
56-55-3	Benzo[a]anthracene	940	J
91-94-1	3,3'-Dichlorobenzidine	1200	U
218-01-9	Chrysene	1200	
117-81-7	bis(2-Ethylhexyl)phthalate	220	J
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo[b]fluoranthene	930	J
207-08-9	Benzo[k]fluoranthene	1000	J
50-32-8	Benzo[a]pyrene	790	J
193-39-5	Indeno[1,2,3-cd]pyrene	240	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 FIELD ID.

TENTATIVELY IDENTIFIED COMPOUNDS

B-22

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4145 Location: M8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4145.22

Sample wt/vol: 10.27 (g/ml) G Lab File ID: BNA01837.D

Level: (low/med) LOW Date Received: 12/16/98

% Moisture: 19.15 decanted: (Y/N) N Date Extracted: 12/21/98

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: 5 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.54	1800	JN
2. 000629-96-9	1-Eicosanol	24.02	4900	JN
3. 001599-67-3	1-Docosene	25.54	1000	JN
4. 077899-10-6	(Z)14-Tricosenyl formate	27.89	1100	JN
5. 000000-00-0	1-Hexacosanal	29.16	1400	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-23

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4145 Location: M8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4145.24

Sample wt/vol: 10.66 (g/ml) G Lab File ID: BNA01838.D

Level: (low/med) LOW Date Received: 12/16/98

% Moisture: 24.25 decanted:(Y/N) N Date Extracted: 12/21/98

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

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	200	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-23

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4145 Location: M8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4145.24

Sample wt/vol: 10.66 (g/ml) G Lab File ID: BNA01838.D

Level: (low/med) LOW Date Received: 12/16/98

% Moisture: 24.25 decanted:(Y/N) N Date Extracted: 12/21/98

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

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	1000	J
120-12-7	Anthracene	240	J
84-74-2	Di-n-butylphthalate	1000	JB
206-44-0	Fluoranthene	2600	
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	2300	
85-68-7	Butylbenzylphthalate	1200	U
56-55-3	Benzo[a]anthracene	1200	J
91-94-1	3,3'-Dichlorobenzidine	1200	U
218-01-9	Chrysene	1600	
117-81-7	bis(2-Ethylhexyl)phthalate	510	J
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo[b]fluoranthene	1600	
207-08-9	Benzo[k]fluoranthene	1600	
50-32-8	Benzo[a]pyrene	1300	
193-39-5	Indeno[1,2,3-cd]pyrene	360	J
53-70-3	Dibenz[a,h]anthracene	1200	U
191-24-2	Benzo[g,h,i]perylene	390	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET FIELD ID.

TENTATIVELY IDENTIFIED COMPOUNDS

B-23

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4145 Location: M8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4145.24

Sample wt/vol: 10.66 (g/ml) G Lab File ID: BNA01838.D

Level: (low/med) LOW Date Received: 12/16/98

% Moisture: 24.25 decanted: (Y/N) N Date Extracted: 12/21/98

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: 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	18.54	2100	JN
2. 074685-30-6	5-Eicosene, (E)-	24.02	5000	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-24

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4145 Location: M8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4145-26

Sample wt/vol: 9.92 (g/ml) G Lab File ID: BNA01822.D

Level: (low/med) LOW Date Received: 12/16/98

% Moisture: 16.9 decanted:(Y/N) N Date Extracted: 12/21/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/06/99

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-24

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4145 Location: M8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4145-26

Sample wt/vol: 9.92 (g/ml) G Lab File ID: BNA01822.D

Level: (low/med) LOW Date Received: 12/16/98

% Moisture: 16.9 decanted:(Y/N) N Date Extracted: 12/21/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/06/99

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	820	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	260	J
120-12-7	Anthracene	1200	U
84-74-2	Di-n-butylphthalate	2000	B
206-44-0	Fluoranthene	690	J
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	1000	J
85-68-7	Butylbenzylphthalate	1200	U
56-55-3	Benzo[a]anthracene	450	J
91-94-1	3,3'-Dichlorobenzidine	1200	U
218-01-9	Chrysene	520	J
117-81-7	bis(2-Ethylhexyl)phthalate	260	J
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo[b]fluoranthene	790	J
207-08-9	Benzo[k]fluoranthene	900	J
50-32-8	Benzo[a]pyrene	590	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 FIELD ID.

TENTATIVELY IDENTIFIED COMPOUNDS

B-24

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4145 Location: M8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4145-26

Sample wt/vol: 9.92 (g/ml) G Lab File ID: BNA01822.D

Level: (low/med) LOW Date Received: 12/16/98

% Moisture: 16.9 decanted: (Y/N) N Date Extracted: 12/21/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/06/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-25

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4145 Location: M8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4145.28

Sample wt/vol: 9.72 (g/ml) G Lab File ID: BNA01840.D

Level: (low/med) LOW Date Received: 12/16/98

% Moisture: 18.69 decanted:(Y/N) N Date Extracted: 12/21/98

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1300	U
62-75-9	N-nitroso-dimethylamine	1300	U
62-53-3	Aniline	1300	U
108-95-2	Phenol	1300	U
111-44-4	bis(2-Chloroethyl)ether	1300	U
95-57-8	2-Chlorophenol	1300	U
541-73-1	1,3-Dichlorobenzene	1300	U
106-46-7	1,4-Dichlorobenzene	1300	U
100-51-6	Benzyl alcohol	1300	U
95-50-1	1,2-Dichlorobenzene	1300	U
	2-Methylphenol	1300	U
108-60-1	bis(2-chloroisopropyl)ether	1300	U
	4-Methylphenol	1300	U
621-64-7	n-Nitroso-di-n-propylamine	1300	U
67-72-1	Hexachloroethane	1300	U
98-95-3	Nitrobenzene	1300	U
78-59-1	Isophorone	1300	U
88-75-5	2-Nitrophenol	1300	U
105-67-9	2,4-Dimethylphenol	1300	U
111-91-1	bis(2-Chloroethoxy)methane	1300	U
120-83-2	2,4-Dichlorophenol	1300	U
65-85-0	Benzoic Acid	1300	U
120-82-1	1,2,4-Trichlorobenzene	1300	U
91-20-3	Naphthalene	1300	U
106-47-8	4-Chloroaniline	1300	U
87-68-3	Hexachlorobutadiene	1300	U
59-50-7	4-Chloro-3-methylphenol	1300	U
91-57-6	2-Methylnaphthalene	1300	U
77-47-4	Hexachlorocyclopentadiene	1300	U
88-06-2	2,4,6-Trichlorophenol	1300	U
	2,4,5-Trichlorophenol	1300	U
91-58-7	2-Chloronaphthalene	1300	U
88-74-4	2-Nitroaniline	1300	U
131-11-3	Dimethylphthalate	1300	U
208-96-8	Acenaphthylene	1300	U
606-20-2	2,6-Dinitrotoluene	1300	U
99-09-2	3-Nitroaniline	1300	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID. **B-25**

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4145 Location: M8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4145.28

Sample wt/vol: 9.72 (g/ml) G Lab File ID: BNA01840.D

Level: (low/med) LOW Date Received: 12/16/98

% Moisture: 18.69 decanted:(Y/N) N Date Extracted: 12/21/98

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1300	U
51-28-5	2,4-Dinitrophenol	1300	U
132-64-9	Dibenzofuran	1300	U
100-02-7	4-Nitrophenol	1300	U
121-14-2	2,4-Dinitrotoluene	1300	U
84-66-2	Diethylphthalate	1300	U
86-73-7	Fluorene	1300	U
7005-72-3	4-Chlorophenyl-phenylether	1300	U
100-01-6	4-Nitroaniline	1300	U
534-52-1	4,6-Dinitro-2-methylphenol	1300	U
86-30-6	n-Nitrosodiphenylamine	1300	U
103-33-3	Azobenzene	1300	U
101-55-3	4-Bromophenyl-phenylether	1300	U
118-74-1	Hexachlorobenzene	1300	U
87-86-5	Pentachlorophenol	1300	U
85-01-8	Phenanthrene	650	J
120-12-7	Anthracene	140	J
84-74-2	Di-n-butylphthalate	1100	JB
206-44-0	Fluoranthene	1300	
92-87-5	Benzidine	8300	
129-00-0	Pyrene	1800	
85-68-7	Butylbenzylphthalate	1300	U
56-55-3	Benzo[a]anthracene	610	J
91-94-1	3,3'-Dichlorobenzidine	1300	U
218-01-9	Chrysene	770	J
117-81-7	bis(2-Ethylhexyl)phthalate	300	J
117-84-0	Di-n-octylphthalate	1300	U
205-99-2	Benzo[b]fluoranthene	870	J
207-08-9	Benzo[k]fluoranthene	930	J
50-32-8	Benzo[a]pyrene	700	J
193-39-5	Indeno[1,2,3-cd]pyrene	1300	U
53-70-3	Dibenz[a,h]anthracene	1300	U
191-24-2	Benzo[g,h,i]perylene	1300	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET FIELD ID.

TENTATIVELY IDENTIFIED COMPOUNDS

B-25

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4145 Location: M8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4145.28

Sample wt/vol: 9.72 (g/ml) G Lab File ID: BNA01840.D

Level: (low/med) LOW Date Received: 12/16/98

% Moisture: 18.69 decanted: (Y/N) N Date Extracted: 12/21/98

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

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-26

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4145 Location: M8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4145.30

Sample wt/vol: 10.33 (g/ml) G Lab File ID: BNA01841.D

Level: (low/med) LOW Date Received: 12/16/98

% Moisture: 15.67 decanted:(Y/N) N Date Extracted: 12/21/98

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

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-26

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4145 Location: M8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4145.30

Sample wt/vol: 10.33 (g/ml) G Lab File ID: BNA01841.D

Level: (low/med) LOW Date Received: 12/16/98

% Moisture: 15.67 decanted:(Y/N) N Date Extracted: 12/21/98

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	150	J
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	120	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	1400	
120-12-7	Anthracene	320	J
84-74-2	Di-n-butylphthalate	1000	JB
206-44-0	Fluoranthene	2100	
92-87-5	Benzidine	8000	
129-00-0	Pyrene	2800	
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	900	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1200	
117-81-7	bis(2-Ethylhexyl)phthalate	260	J
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	1100	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 FIELD ID.

TENTATIVELY IDENTIFIED COMPOUNDS

B-26

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4145 Location: M8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4145.30

Sample wt/vol: 10.33 (g/ml) G Lab File ID: BNA01841.D

Level: (low/med) LOW Date Received: 12/16/98

% Moisture: 15.67 decanted: (Y/N) N Date Extracted: 12/21/98

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

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-27

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4145 Location: M8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4145.32

Sample wt/vol: 10.71 (g/ml) G Lab File ID: BNA01842.D

Level: (low/med) LOW Date Received: 12/16/98

% Moisture: 15.1 decanted:(Y/N) N Date Extracted: 12/21/98

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

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 NJDEP: 13461

Project: 980211 Case No.: 4145 Location: M8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4145.32

Sample wt/vol: 10.71 (g/ml) G Lab File ID: BNA01842.D

Level: (low/med) LOW Date Received: 12/16/98

% Moisture: 15.1 decanted:(Y/N) N Date Extracted: 12/21/98

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

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	150	J
120-12-7	Anthracene	160	J
84-74-2	Di-n-butylphthalate	1400	B
206-44-0	Fluoranthene	1700	
92-87-5	Benzidine	6500	
129-00-0	Pyrene	2200	
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	630	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	900	J
117-81-7	bis(2-Ethylhexyl)phthalate	340	J
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1000	J
207-08-9	Benzo[k]fluoranthene	550	J
50-32-8	Benzo[a]pyrene	850	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 FIELD ID.

TENTATIVELY IDENTIFIED COMPOUNDS

B-27

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4145 Location: M8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4145.32

Sample wt/vol: 10.71 (g/ml) G Lab File ID: BNA01842.D

Level: (low/med) LOW Date Received: 12/16/98

% Moisture: 15.1 decanted: (Y/N) N Date Extracted: 12/21/98

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

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-28

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4145 Location: M8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4145.34

Sample wt/vol: 10.61 (g/ml) G Lab File ID: BNA01843.D

Level: (low/med) LOW Date Received: 12/16/98

% Moisture: 15.67 decanted:(Y/N) N Date Extracted: 12/21/98

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

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-28

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4145 Location: M8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4145.34

Sample wt/vol: 10.61 (g/ml) G Lab File ID: BNA01843.D

Level: (low/med) LOW Date Received: 12/16/98

% Moisture: 15.67 decanted:(Y/N) N Date Extracted: 12/21/98

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

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	160	J
120-12-7	Anthracene	160	J
84-74-2	Di-n-butylphthalate	340	JB
206-44-0	Fluoranthene	400	J
92-87-5	Benzidine	8600	
129-00-0	Pyrene	550	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	230	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	290	J
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	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 FIELD ID.

TENTATIVELY IDENTIFIED COMPOUNDS

B-28

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4145 Location: M8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4145.34

Sample wt/vol: 10.61 (g/ml) G Lab File ID: BNA01843.D

Level: (low/med) LOW Date Received: 12/16/98

% Moisture: 15.67 decanted: (Y/N) N Date Extracted: 12/21/98

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

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

001711

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-29

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4194 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4194.02

Sample wt/vol: 10.04 (g/ml) G Lab File ID: BNA02017.D

Level: (low/med) LOW Date Received: 01/19/99

% Moisture: 14.79 decanted:(Y/N) N Date Extracted: 01/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/25/99

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-29

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4194 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4194.02

Sample wt/vol: 10.04 (g/ml) G Lab File ID: BNA02017.D

Level: (low/med) LOW Date Received: 01/19/99

% Moisture: 14.79 decanted:(Y/N) N Date Extracted: 01/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/25/99

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	1600	B
206-44-0	Fluoranthene	190	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	130	J
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	120	J
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 FIELD ID.

TENTATIVELY IDENTIFIED COMPOUNDS

B-29

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4194 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4194.02

Sample wt/vol: 10.04 (g/ml) G Lab File ID: BNA02017.D

Level: (low/med) LOW Date Received: 01/19/99

% Moisture: 14.79 decanted: (Y/N) N Date Extracted: 01/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/25/99

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	18.40	1300	JN
2. 018435-45-5	1-Nonadecene	23.86	2700	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-30

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4194 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4194.04

Sample wt/vol: 10.03 (g/ml) G Lab File ID: BNA02018.D

Level: (low/med) LOW Date Received: 01/19/99

% Moisture: 12.74 decanted:(Y/N) N Date Extracted: 01/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/25/99

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	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-30

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4194 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4194.04

Sample wt/vol: 10.03 (g/ml) G Lab File ID: BNA02018.D

Level: (low/med) LOW Date Received: 01/19/99

% Moisture: 12.74 decanted:(Y/N) N Date Extracted: 01/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/25/99

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	970	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	620	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 FIELD ID.

TENTATIVELY IDENTIFIED COMPOUNDS

B-30

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4194 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4194.04

Sample wt/vol: 10.03 (g/ml) G Lab File ID: BNA02018.D

Level: (low/med) LOW Date Received: 01/19/99

% Moisture: 12.74 decanted: (Y/N) N Date Extracted: 01/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/25/99

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. 000109-21-7	Butanoic acid, butyl ester	12.74	1000	JN
2. 074685-33-9	3-Eicosene, (E)-	23.86	1700	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-31

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4194 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4194.06

Sample wt/vol: 10.09 (g/ml) G Lab File ID: BNA02019.D

Level: (low/med) LOW Date Received: 01/19/99

% Moisture: 12.89 decanted:(Y/N) N Date Extracted: 01/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/25/99

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	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.: 4194 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4194.06

Sample wt/vol: 10.09 (g/ml) G Lab File ID: BNA02019.D

Level: (low/med) LOW Date Received: 01/19/99

% Moisture: 12.89 decanted:(Y/N) N Date Extracted: 01/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/25/99

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	420	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	1400	B
206-44-0	Fluoranthene	700	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	690	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	400	J
117-81-7	bis(2-Ethylhexyl)phthalate	170	J
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	320	J
207-08-9	Benzo[k]fluoranthene	320	J
50-32-8	Benzo[a]pyrene	350	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 FIELD ID.

TENTATIVELY IDENTIFIED COMPOUNDS

B-31

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4194 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4194.06

Sample wt/vol: 10.09 (g/ml) G Lab File ID: BNA02019.D

Level: (low/med) LOW Date Received: 01/19/99

% Moisture: 12.89 decanted: (Y/N) N Date Extracted: 01/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/25/99

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. 000072-54-8	1,1-Dichloro-2,2-bis(p-chlorophen	22.17	2600	JN
2. 074685-33-9	3-Eicosene, (E)-	23.86	2100	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-32

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4194 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4194.08 (1:5)

Sample wt/vol: 10.03 (g/ml) G Lab File ID: BNA02009.D

Level: (low/med) LOW Date Received: 01/19/99

% Moisture: 10.15 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: 5.0

GPC Cleanup: (Y/N) N pH: 7

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	5500	U
62-75-9	N-nitroso-dimethylamine	5500	U
62-53-3	Aniline	5500	U
108-95-2	Phenol	5500	U
111-44-4	bis(2-Chloroethyl)ether	5500	U
95-57-8	2-Chlorophenol	5500	U
541-73-1	1,3-Dichlorobenzene	5500	U
106-46-7	1,4-Dichlorobenzene	5500	U
100-51-6	Benzyl alcohol	5500	U
95-50-1	1,2-Dichlorobenzene	5500	U
	2-Methylphenol	5500	U
108-60-1	bis(2-chloroisopropyl)ether	5500	U
	4-Methylphenol	5500	U
621-64-7	n-Nitroso-di-n-propylamine	5500	U
67-72-1	Hexachloroethane	5500	U
98-95-3	Nitrobenzene	5500	U
78-59-1	Isophorone	5500	U
88-75-5	2-Nitrophenol	5500	U
105-67-9	2,4-Dimethylphenol	5500	U
111-91-1	bis(2-Chloroethoxy)methane	5500	U
120-83-2	2,4-Dichlorophenol	5500	U
65-85-0	Benzoic Acid	5500	U
120-82-1	1,2,4-Trichlorobenzene	5500	U
91-20-3	Naphthalene	5500	U
106-47-8	4-Chloroaniline	5500	U
87-68-3	Hexachlorobutadiene	5500	U
59-50-7	4-Chloro-3-methylphenol	5500	U
91-57-6	2-Methylnaphthalene	5500	U
77-47-4	Hexachlorocyclopentadiene	5500	U
88-06-2	2,4,6-Trichlorophenol	5500	U
	2,4,5-Trichlorophenol	5500	U
91-58-7	2-Chloronaphthalene	5500	U
88-74-4	2-Nitroaniline	5500	U
131-11-3	Dimethylphthalate	5500	U
208-96-8	Acenaphthylene	840	JD
606-20-2	2,6-Dinitrotoluene	5500	U
99-09-2	3-Nitroaniline	5500	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-32

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4194 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4194.08 (1:5)

Sample wt/vol: 10.03 (g/ml) G Lab File ID: BNA02009.D

Level: (low/med) LOW Date Received: 01/19/99

% Moisture: 10.15 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: 5.0

GPC Cleanup: (Y/N) N pH: 7

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	5500	U
51-28-5	2,4-Dinitrophenol	5500	U
132-64-9	Dibenzofuran	5500	U
100-02-7	4-Nitrophenol	5500	U
121-14-2	2,4-Dinitrotoluene	5500	U
84-66-2	Diethylphthalate	5500	U
86-73-7	Fluorene	740	JD
7005-72-3	4-Chlorophenyl-phenylether	5500	U
100-01-6	4-Nitroaniline	5500	U
534-52-1	4,6-Dinitro-2-methylphenol	5500	U
86-30-6	n-Nitrosodiphenylamine	5500	U
103-33-3	Azobenzene	5500	U
101-55-3	4-Bromophenyl-phenylether	5500	U
118-74-1	Hexachlorobenzene	5500	U
87-86-5	Pentachlorophenol	5500	U
85-01-8	Phenanthrene	12000	D
120-12-7	Anthracene	1800	JD
84-74-2	Di-n-butylphthalate	1100	JBD
206-44-0	Fluoranthene	16000	D
92-87-5	Benzidine	5500	U
129-00-0	Pyrene	11000	D
85-68-7	Butylbenzylphthalate	5500	U
56-55-3	Benzo[a]anthracene	5400	JD
91-94-1	3,3'-Dichlorobenzidine	5500	U
218-01-9	Chrysene	5900	D
117-81-7	bis(2-Ethylhexyl)phthalate	5500	U
117-84-0	Di-n-octylphthalate	5500	U
205-99-2	Benzo[b]fluoranthene	3700	JD
207-08-9	Benzo[k]fluoranthene	4800	JD
50-32-8	Benzo[a]pyrene	4100	JD
193-39-5	Indeno[1,2,3-cd]pyrene	1300	JD
53-70-3	Dibenz[a,h]anthracene	5500	U
191-24-2	Benzo[g,h,i]perylene	1400	JD

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET FIELD ID.

TENTATIVELY IDENTIFIED COMPOUNDS

B-32

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4194 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4194.08 (1:5)

Sample wt/vol: 10.03 (g/ml) G Lab File ID: BNA02009.D

Level: (low/med) LOW Date Received: 01/19/99

% Moisture: 10.15 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: 5.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-33

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4194 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4194.10

Sample wt/vol: 10.08 (g/ml) G Lab File ID: BNA02042.D

Level: (low/med) LOW Date Received: 01/19/99

% Moisture: 12.16 decanted:(Y/N) N Date Extracted: 01/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/27/99

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	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.: 4194 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4194.10

Sample wt/vol: 10.08 (g/ml) G Lab File ID: BNA02042.D

Level: (low/med) LOW Date Received: 01/19/99

% Moisture: 12.16 decanted:(Y/N) N Date Extracted: 01/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/27/99

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	290	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	1800	B
206-44-0	Fluoranthene	460	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	430	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	210	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	270	J
117-81-7	bis(2-Ethylhexyl)phthalate	130	J
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	170	J
207-08-9	Benzo[k]fluoranthene	160	J
50-32-8	Benzo[a]pyrene	180	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 FIELD ID.

TENTATIVELY IDENTIFIED COMPOUNDS

B-33

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4194 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4194.10

Sample wt/vol: 10.08 (g/ml) G Lab File ID: BNA02042.D

Level: (low/med) LOW Date Received: 01/19/99

% Moisture: 12.16 decanted: (Y/N) N Date Extracted: 01/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/27/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-34

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4194 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4194.12 (1:5)

Sample wt/vol: 10.1 (g/ml) G Lab File ID: BNA02011.D

Level: (low/med) LOW Date Received: 01/19/99

% Moisture: 15.49 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: 5.0

GPC Cleanup: (Y/N) N pH: 7

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	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-34

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4194 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4194.12 (1:5)

Sample wt/vol: 10.1 (g/ml) G Lab File ID: BNA02011.D

Level: (low/med) LOW Date Received: 01/19/99

% Moisture: 15.49 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: 5.0

GPC Cleanup: (Y/N) N pH: 7

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	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	1700	JD
120-12-7	Anthracene	5900	U
84-74-2	Di-n-butylphthalate	26000	BD
206-44-0	Fluoranthene	3400	JD
92-87-5	Benzidine	5900	U
129-00-0	Pyrene	2700	JD
85-68-7	Butylbenzylphthalate	5900	U
56-55-3	Benzo[a]anthracene	1000	JD
91-94-1	3,3'-Dichlorobenzidine	5900	U
218-01-9	Chrysene	1400	JD
117-81-7	bis(2-Ethylhexyl)phthalate	5900	U
117-84-0	Di-n-octylphthalate	5900	U
205-99-2	Benzo[b]fluoranthene	1200	JD
207-08-9	Benzo[k]fluoranthene	1300	JD
50-32-8	Benzo[a]pyrene	1100	JD
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

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET FIELD ID.

TENTATIVELY IDENTIFIED COMPOUNDS

B-34

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4194 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4194.12 (1:5)

Sample wt/vol: 10.1 (g/ml) G Lab File ID: BNA02011.D

Level: (low/med) LOW Date Received: 01/19/99

% Moisture: 15.49 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: 5.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-35

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4194 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4194.14

Sample wt/vol: 10.04 (g/ml) G Lab File ID: BNA02014.D

Level: (low/med) LOW Date Received: 01/19/99

% Moisture: 9.72 decanted:(Y/N) N Date Extracted: 01/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/25/99

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	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.: 4194 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4194.14

Sample wt/vol: 10.04 (g/ml) G Lab File ID: BNA02014.D

Level: (low/med) LOW Date Received: 01/19/99

% Moisture: 9.72 decanted:(Y/N) N Date Extracted: 01/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/25/99

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	210	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	330	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	1300	B
206-44-0	Fluoranthene	490	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	470	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	230	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	310	J
117-81-7	bis(2-Ethylhexyl)phthalate	150	J
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	190	J
207-08-9	Benzo[k]fluoranthene	220	J
50-32-8	Benzo[a]pyrene	220	J
193-39-5	Indeno[1,2,3-cd]pyrene	110	J
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	150	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET FIELD ID.

TENTATIVELY IDENTIFIED COMPOUNDS

B-35

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4194 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4194.14

Sample wt/vol: 10.04 (g/ml) G Lab File ID: BNA02014.D

Level: (low/med) LOW Date Received: 01/19/99

% Moisture: 9.72 decanted: (Y/N) N Date Extracted: 01/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/25/99

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	18.40	1000	JN
2. 074685-33-9	3-Eicosene, (E)-	23.85	1200	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-36

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4194 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4194.16 (1:5)

Sample wt/vol: 10.18 (g/ml) G Lab File ID: BNA02027.D

Level: (low/med) LOW Date Received: 01/19/99

% Moisture: 35.57 decanted:(Y/N) N Date Extracted: 01/21/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/25/99

Injection Volume: 1.0 (uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N pH: 7

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	7600	U
62-75-9	N-nitroso-dimethylamine	7600	U
62-53-3	Aniline	7600	U
108-95-2	Phenol	7600	U
111-44-4	bis(2-Chloroethyl)ether	7600	U
95-57-8	2-Chlorophenol	7600	U
541-73-1	1,3-Dichlorobenzene	7600	U
106-46-7	1,4-Dichlorobenzene	7600	U
100-51-6	Benzyl alcohol	7600	U
95-50-1	1,2-Dichlorobenzene	7600	U
	2-Methylphenol	7600	U
108-60-1	bis(2-chloroisopropyl)ether	7600	U
	4-Methylphenol	7600	U
621-64-7	n-Nitroso-di-n-propylamine	7600	U
67-72-1	Hexachloroethane	7600	U
98-95-3	Nitrobenzene	7600	U
78-59-1	Isophorone	7600	U
88-75-5	2-Nitrophenol	7600	U
105-67-9	2,4-Dimethylphenol	7600	U
111-91-1	bis(2-Chloroethoxy)methane	7600	U
120-83-2	2,4-Dichlorophenol	7600	U
65-85-0	Benzoic Acid	7600	U
120-82-1	1,2,4-Trichlorobenzene	7600	U
91-20-3	Naphthalene	7600	U
106-47-8	4-Chloroaniline	7600	U
87-68-3	Hexachlorobutadiene	7600	U
59-50-7	4-Chloro-3-methylphenol	7600	U
91-57-6	2-Methylnaphthalene	7600	U
77-47-4	Hexachlorocyclopentadiene	7600	U
88-06-2	2,4,6-Trichlorophenol	7600	U
	2,4,5-Trichlorophenol	7600	U
91-58-7	2-Chloronaphthalene	7600	U
88-74-4	2-Nitroaniline	7600	U
131-11-3	Dimethylphthalate	7600	U
208-96-8	Acenaphthylene	7600	U
606-20-2	2,6-Dinitrotoluene	7600	U
99-09-2	3-Nitroaniline	7600	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-36

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4194 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4194.16 (1:5)

Sample wt/vol: 10.18 (g/ml) G Lab File ID: BNA02027.D

Level: (low/med) LOW Date Received: 01/19/99

% Moisture: 35.57 decanted:(Y/N) N Date Extracted: 01/21/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/25/99

Injection Volume: 1.0 (uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N pH: 7

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	7600	U
51-28-5	2,4-Dinitrophenol	7600	U
132-64-9	Dibenzofuran	7600	U
100-02-7	4-Nitrophenol	7600	U
121-14-2	2,4-Dinitrotoluene	7600	U
84-66-2	Diethylphthalate	7600	U
86-73-7	Fluorene	7600	U
7005-72-3	4-Chlorophenyl-phenylether	7600	U
100-01-6	4-Nitroaniline	7600	U
534-52-1	4,6-Dinitro-2-methylphenol	7600	U
86-30-6	n-Nitrosodiphenylamine	7600	U
103-33-3	Azobenzene	7600	U
101-55-3	4-Bromophenyl-phenylether	7600	U
118-74-1	Hexachlorobenzene	7600	U
87-86-5	Pentachlorophenol	7600	U
85-01-8	Phenanthrene	7600	U
120-12-7	Anthracene	7600	U
84-74-2	Di-n-butylphthalate	1400	JBD
206-44-0	Fluoranthene	1400	JD
92-87-5	Benzidine	7600	U
129-00-0	Pyrene	2100	JD
85-68-7	Butylbenzylphthalate	7600	U
56-55-3	Benzo[a]anthracene	880	JD
91-94-1	3,3'-Dichlorobenzidine	7600	U
218-01-9	Chrysene	1100	JD
117-81-7	bis(2-Ethylhexyl)phthalate	1000	JD
117-84-0	Di-n-octylphthalate	7600	U
205-99-2	Benzo[b]fluoranthene	7600	U
207-08-9	Benzo[k]fluoranthene	7600	U
50-32-8	Benzo[a]pyrene	7600	U
193-39-5	Indeno[1,2,3-cd]pyrene	7600	U
53-70-3	Dibenz[a,h]anthracene	7600	U
191-24-2	Benzo[g,h,i]perylene	7600	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET FIELD ID.

TENTATIVELY IDENTIFIED COMPOUNDS

B-36

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4194 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4194.16 (1:5)

Sample wt/vol: 10.18 (g/ml) G Lab File ID: BNA02027.D

Level: (low/med) LOW Date Received: 01/19/99

% Moisture: 35.57 decanted: (Y/N) N Date Extracted: 01/21/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/25/99

Injection Volume: 1.0 (uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-37

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4194 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4194.18

Sample wt/vol: 10.03 (g/ml) G Lab File ID: BNA02044.D

Level: (low/med) LOW Date Received: 01/19/99

% Moisture: 11.84 decanted:(Y/N) N Date Extracted: 01/21/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/27/99

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	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.: 4194 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4194.18

Sample wt/vol: 10.03 (g/ml) G Lab File ID: BNA02044.D

Level: (low/med) LOW Date Received: 01/19/99

% Moisture: 11.84 decanted:(Y/N) N Date Extracted: 01/21/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/27/99

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	190	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	350	JB
206-44-0	Fluoranthene	460	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	240	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	280	J
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	280	J
207-08-9	Benzo[k]fluoranthene	280	J
50-32-8	Benzo[a]pyrene	230	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 FIELD ID.

TENTATIVELY IDENTIFIED COMPOUNDS

B-37

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4194 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4194.18

Sample wt/vol: 10.03 (g/ml) G Lab File ID: BNA02044.D

Level: (low/med) LOW Date Received: 01/19/99

% Moisture: 11.84 decanted: (Y/N) N Date Extracted: 01/21/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/27/99

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. 000060-33-3	9,12-Octadecadienoic acid (Z,Z)-	20.90	1000	JN
2. 000112-80-1	Oleic Acid	20.96	1700	JN
3. 000057-11-4	Octadecanoic acid	21.16	1200	JN
4. 001599-67-3	1-Docosene	23.87	4500	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-38

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4194 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4194.20

Sample wt/vol: 10.08 (g/ml) G Lab File ID: BNA02015.D

Level: (low/med) LOW Date Received: 01/19/99

% Moisture: 11.41 decanted:(Y/N) N Date Extracted: 01/21/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/25/99

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	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.: 4194 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4194.20

Sample wt/vol: 10.08 (g/ml) G Lab File ID: BNA02015.D

Level: (low/med) LOW Date Received: 01/19/99

% Moisture: 11.41 decanted:(Y/N) N Date Extracted: 01/21/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/25/99

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	130	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	290	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	1000	JB
206-44-0	Fluoranthene	600	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	500	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	250	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	380	J
117-81-7	bis(2-Ethylhexyl)phthalate	130	J
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	280	J
207-08-9	Benzo[k]fluoranthene	290	J
50-32-8	Benzo[a]pyrene	240	J
193-39-5	Indeno[1,2,3-cd]pyrene	150	J
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	180	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET FIELD ID.

TENTATIVELY IDENTIFIED COMPOUNDS

B-38

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4194 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4194.20

Sample wt/vol: 10.08 (g/ml) G Lab File ID: BNA02015.D

Level: (low/med) LOW Date Received: 01/19/99

% Moisture: 11.41 decanted: (Y/N) N Date Extracted: 01/21/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/25/99

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	18.40	2100	JN
2. 074685-33-9	3-Eicosene, (E)-	23.86	2600	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-39

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4194 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4194.22

Sample wt/vol: 10.19 (g/ml) G Lab File ID: BNA02016.D

Level: (low/med) LOW Date Received: 01/19/99

% Moisture: 7.26 decanted:(Y/N) N Date Extracted: 01/21/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/25/99

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	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-39

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4194 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4194.22

Sample wt/vol: 10.19 (g/ml) G Lab File ID: BNA02016.D

Level: (low/med) LOW Date Received: 01/19/99

% Moisture: 7.26 decanted:(Y/N) N Date Extracted: 01/21/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/25/99

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	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	960	J
120-12-7	Anthracene	170	J
84-74-2	Di-n-butylphthalate	400	JB
206-44-0	Fluoranthene	1300	
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1000	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	460	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	610	J
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	350	J
207-08-9	Benzo[k]fluoranthene	440	J
50-32-8	Benzo[a]pyrene	370	J
193-39-5	Indeno[1,2,3-cd]pyrene	200	J
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	250	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET FIELD ID.

TENTATIVELY IDENTIFIED COMPOUNDS

B-39

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4194 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4194.22

Sample wt/vol: 10.19 (g/ml) G Lab File ID: BNA02016.D

Level: (low/med) LOW Date Received: 01/19/99

% Moisture: 7.26 decanted: (Y/N) N Date Extracted: 01/21/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/25/99

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. 000112-88-9	1-Octadecene	23.86	2900	JN
2. 014021-23-9	D-Friedoolean-14-ene, 3-methoxy	29.08	2100	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-40

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4194 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4194.24

Sample wt/vol: 10.1 (g/ml) G Lab File ID: BNA02045.D

Level: (low/med) LOW Date Received: 01/19/99

% Moisture: 12.89 decanted:(Y/N) N Date Extracted: 01/21/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/27/99

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	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-40

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4194 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4194.24

Sample wt/vol: 10.1 (g/ml) G Lab File ID: BNA02045.D

Level: (low/med) LOW Date Received: 01/19/99

% Moisture: 12.89 decanted:(Y/N) N Date Extracted: 01/21/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/27/99

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	350	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	520	JB
206-44-0	Fluoranthene	580	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	240	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	310	J
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	210	J
207-08-9	Benzo[k]fluoranthene	260	J
50-32-8	Benzo[a]pyrene	350	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	290	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET FIELD ID.

TENTATIVELY IDENTIFIED COMPOUNDS

B-40

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4194 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4194.24

Sample wt/vol: 10.1 (g/ml) G Lab File ID: BNA02045.D

Level: (low/med) LOW Date Received: 01/19/99

% Moisture: 12.89 decanted: (Y/N) N Date Extracted: 01/21/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/27/99

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)-	23.86	3600	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-41

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4194 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4194.26

Sample wt/vol: 10.05 (g/ml) G Lab File ID: BNA02046.D

Level: (low/med) LOW Date Received: 01/19/99

% Moisture: 15.15 decanted:(Y/N) N Date Extracted: 01/21/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/27/99

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	210	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-41

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4194 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4194.26

Sample wt/vol: 10.05 (g/ml) G Lab File ID: BNA02046.D

Level: (low/med) LOW Date Received: 01/19/99

% Moisture: 15.15 decanted:(Y/N) N Date Extracted: 01/21/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/27/99

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	200	J
120-12-7	Anthracene	140	J
84-74-2	Di-n-butylphthalate	1300	B
206-44-0	Fluoranthene	560	J
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	740	J
85-68-7	Butylbenzylphthalate	1200	
56-55-3	Benzo[a]anthracene	390	J
91-94-1	3,3'-Dichlorobenzidine	1200	U
218-01-9	Chrysene	510	J
117-81-7	bis(2-Ethylhexyl)phthalate	360	J
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo[b]fluoranthene	360	J
207-08-9	Benzo[k]fluoranthene	440	J
50-32-8	Benzo[a]pyrene	460	J
193-39-5	Indeno[1,2,3-cd]pyrene	140	J
53-70-3	Dibenz[a,h]anthracene	1200	U
191-24-2	Benzo[g,h,i]perylene	170	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET FIELD ID.

TENTATIVELY IDENTIFIED COMPOUNDS

B-41

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4194 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4194.26

Sample wt/vol: 10.05 (g/ml) G Lab File ID: BNA02046.D

Level: (low/med) LOW Date Received: 01/19/99

% Moisture: 15.15 decanted: (Y/N) N Date Extracted: 01/21/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 01/27/99

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	18.41	2200	JN
2. 000112-88-9	1-Octadecene	23.86	3500	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

M-8 1A

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4351 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4351.02 (1:10)

Sample wt/vol: 10.3 (g/ml) G Lab File ID: BNA02263.D

Level: (low/med) LOW Date Received: 3/16/99

% Moisture: 26.97 decanted:(Y/N) N Date Extracted: 3/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/19/99

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: 7

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	13000	U
62-75-9	N-nitroso-dimethylamine	13000	U
62-53-3	Aniline	13000	U
108-95-2	Phenol	13000	U
111-44-4	bis(2-Chloroethyl)ether	13000	U
95-57-8	2-Chlorophenol	13000	U
541-73-1	1,3-Dichlorobenzene	13000	U
106-46-7	1,4-Dichlorobenzene	13000	U
100-51-6	Benzyl alcohol	13000	U
95-50-1	1,2-Dichlorobenzene	13000	U
	2-Methylphenol	13000	U
108-60-1	bis(2-chloroisopropyl)ether	13000	U
	4-Methylphenol	13000	U
621-64-7	n-Nitroso-di-n-propylamine	13000	U
67-72-1	Hexachloroethane	13000	U
98-95-3	Nitrobenzene	13000	U
78-59-1	Isophorone	13000	U
88-75-5	2-Nitrophenol	13000	U
105-67-9	2,4-Dimethylphenol	13000	U
111-91-1	bis(2-Chloroethoxy)methane	13000	U
120-83-2	2,4-Dichlorophenol	13000	U
65-85-0	Benzoic Acid	13000	U
120-82-1	1,2,4-Trichlorobenzene	13000	U
91-20-3	Naphthalene	13000	U
106-47-8	4-Chloroaniline	13000	U
87-68-3	Hexachlorobutadiene	13000	U
59-50-7	4-Chloro-3-methylphenol	13000	U
91-57-6	2-Methylnaphthalene	13000	U
77-47-4	Hexachlorocyclopentadiene	13000	U
88-06-2	2,4,6-Trichlorophenol	13000	U
	2,4,5-Trichlorophenol	13000	U
91-58-7	2-Chloronaphthalene	13000	U
88-74-4	2-Nitroaniline	13000	U
131-11-3	Dimethylphthalate	13000	U
208-96-8	Acenaphthylene	13000	U
606-20-2	2,6-Dinitrotoluene	13000	U
99-09-2	3-Nitroaniline	13000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

M-8 1A

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4351 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4351.02 (1:10)

Sample wt/vol: 10.3 (g/ml) G Lab File ID: BNA02263.D

Level: (low/med) LOW Date Received: 3/16/99

% Moisture: 26.97 decanted:(Y/N) N Date Extracted: 3/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/19/99

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
83-32-9	Acenaphthene	13000	U
51-28-5	2,4-Dinitrophenol	13000	U
132-64-9	Dibenzofuran	13000	U
100-02-7	4-Nitrophenol	13000	U
121-14-2	2,4-Dinitrotoluene	13000	U
84-66-2	Diethylphthalate	13000	U
86-73-7	Fluorene	13000	U
7005-72-3	4-Chlorophenyl-phenylether	13000	U
100-01-6	4-Nitroaniline	13000	U
534-52-1	4,6-Dinitro-2-methylphenol	13000	U
86-30-6	n-Nitrosodiphenylamine	13000	U
103-33-3	Azobenzene	13000	U
101-55-3	4-Bromophenyl-phenylether	13000	U
118-74-1	Hexachlorobenzene	13000	U
87-86-5	Pentachlorophenol	13000	U
85-01-8	Phenanthrene	13000	U
120-12-7	Anthracene	13000	U
84-74-2	Di-n-butylphthalate	13000	U
206-44-0	Fluoranthene	13000	U
92-87-5	Benzidine	13000	U
129-00-0	Pyrene	13000	U
85-68-7	Butylbenzylphthalate	13000	U
56-55-3	Benzo[a]anthracene	13000	U
91-94-1	3,3'-Dichlorobenzidine	13000	U
218-01-9	Chrysene	13000	U
117-81-7	bis(2-Ethylhexyl)phthalate	13000	U
117-84-0	Di-n-octylphthalate	13000	U
205-99-2	Benzo[b]fluoranthene	13000	U
207-08-9	Benzo[k]fluoranthene	13000	U
50-32-8	Benzo[a]pyrene	13000	U
193-39-5	Indeno[1,2,3-cd]pyrene	13000	U
53-70-3	Dibenz[a,h]anthracene	13000	U
191-24-2	Benzo[g,h,i]perylene	13000	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

M-8 1A

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4351 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4351.02 (1:10)

Sample wt/vol: 10.3 (g/ml) G Lab File ID: BNA02263.D

Level: (low/med) LOW Date Received: 3/16/99

% Moisture: 26.97 decanted: (Y/N) N Date Extracted: 3/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/19/99

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

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.	000527-84-4	Benzene, 1-methyl-2-(1-methylet	7.29	53000	JND
2.		unknown	20.47	17000	JD
3.		unknown	20.81	16000	JD
4.		unknown	22.37	53000	JD

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

M-8 2B

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4351 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4351.04

Sample wt/vol: 10.42 (g/ml) G Lab File ID: BNA02247.D

Level: (low/med) LOW Date Received: 3/16/99

% Moisture: 17.71 decanted:(Y/N) N Date Extracted: 3/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/18/99

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.

M-8 2B

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4351 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4351.04

Sample wt/vol: 10.42 (g/ml) G Lab File ID: BNA02247.D

Level: (low/med) LOW Date Received: 3/16/99

% Moisture: 17.71 decanted:(Y/N) N Date Extracted: 3/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/18/99

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	160	J
120-12-7	Anthracene	1200	U
84-74-2	Di-n-butylphthalate	1500	B
206-44-0	Fluoranthene	310	J
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	290	J
85-68-7	Butylbenzylphthalate	1200	U
56-55-3	Benzo[a]anthracene	160	J
91-94-1	3,3'-Dichlorobenzidine	1200	U
218-01-9	Chrysene	320	J
117-81-7	bis(2-Ethylhexyl)phthalate	220	JB
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo[b]fluoranthene	180	J
207-08-9	Benzo[k]fluoranthene	210	J
50-32-8	Benzo[a]pyrene	170	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	140	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

M-8 2B

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4351 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL

Lab Sample ID: 4351.04

Sample wt/vol: 10.42 (g/ml) G

Lab File ID: BNA02247.D

Level: (low/med) LOW

Date Received: 3/16/99

% Moisture: 17.71 decanted: (Y/N) N

Date Extracted: 3/17/99

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 3/18/99

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	18.24	2900	JN
2.	074685-30-6	5-Eicosene, (E)-	23.71	7500	JN
3.	001454-84-8	1-Nonadecanol	27.97	1100	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

M-8 3C

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4351 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4351.06

Sample wt/vol: 10.13 (g/ml) G Lab File ID: BNA02248.D

Level: (low/med) LOW Date Received: 3/16/99

% Moisture: 13.85 decanted:(Y/N) N Date Extracted: 3/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/18/99

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	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.

M-8 3C

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4351 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4351.06

Sample wt/vol: 10.13 (g/ml) G Lab File ID: BNA02248.D

Level: (low/med) LOW Date Received: 3/16/99

% Moisture: 13.85 decanted:(Y/N) N Date Extracted: 3/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/18/99

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	330	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.

M-8 3C

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4351 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4351.06

Sample wt/vol: 10.13 (g/ml) G Lab File ID: BNA02248.D

Level: (low/med) LOW Date Received: 3/16/99

% Moisture: 13.85 decanted: (Y/N) N Date Extracted: 3/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/18/99

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	18.23	1700	JN
2. 001454-84-8	1-Nonadecanol	23.71	6600	JN
3. 056554-86-0	17-Octadecenal	27.56	1000	JN
4. 000629-96-9	1-Eicosanol	27.96	1400	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

M-8 4D

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4351 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4351.08

Sample wt/vol: 10.19 (g/ml) G Lab File ID: BNA02258.D

Level: (low/med) LOW Date Received: 3/16/99

% Moisture: 13.88 decanted:(Y/N) N Date Extracted: 3/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/19/99

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	130	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.

M-8 4D

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4351 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4351.08

Sample wt/vol: 10.19 (g/ml) G Lab File ID: BNA02258.D

Level: (low/med) LOW Date Received: 3/16/99

% Moisture: 13.88 decanted:(Y/N) N Date Extracted: 3/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/19/99

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	140	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	370	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	370	JB
206-44-0	Fluoranthene	650	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	610	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	320	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	590	J
117-81-7	bis(2-Ethylhexyl)phthalate	340	JB
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	340	J
207-08-9	Benzo[k]fluoranthene	360	J
50-32-8	Benzo[a]pyrene	360	J
193-39-5	Indeno[1,2,3-cd]pyrene	230	J
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	270	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

M-8 4D

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4351 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4351.08

Sample wt/vol: 10.19 (g/ml) G Lab File ID: BNA02258.D

Level: (low/med) LOW Date Received: 3/16/99

% Moisture: 13.88 decanted: (Y/N) N Date Extracted: 3/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/19/99

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	13.20	1100	J
2. 000629-62-9	Pentadecane	14.13	910	JN
3.	unknown	20.48	1500	J
4. 019047-85-9	Phosphonic acid, dioctadecyl este	23.72	5700	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

M-8 5E

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4351 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4351.10

Sample wt/vol: 10.1 (g/ml) G Lab File ID: BNA02259.D

Level: (low/med) LOW Date Received: 3/16/99

% Moisture: 28.01 decanted:(Y/N) N Date Extracted: 3/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/19/99

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	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

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 5E

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4351 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4351.10

Sample wt/vol: 10.1 (g/ml) G Lab File ID: BNA02259.D

Level: (low/med) LOW Date Received: 3/16/99

% Moisture: 28.01 decanted:(Y/N) N Date Extracted: 3/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/19/99

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	1400	U
51-28-5	2,4-Dinitrophenol	1400	U
132-64-9	Dibenzofuran	1400	U
100-02-7	4-Nitrophenol	1400	U
121-14-2	2,4-Dinitrotoluene	1400	U
84-66-2	Diethylphthalate	1400	U
86-73-7	Fluorene	1400	U
7005-72-3	4-Chlorophenyl-phenylether	1400	U
100-01-6	4-Nitroaniline	1400	U
534-52-1	4,6-Dinitro-2-methylphenol	1400	U
86-30-6	n-Nitrosodiphenylamine	1400	U
103-33-3	Azobenzene	1400	U
101-55-3	4-Bromophenyl-phenylether	1400	U
118-74-1	Hexachlorobenzene	1400	U
87-86-5	Pentachlorophenol	1400	U
85-01-8	Phenanthrene	1400	U
120-12-7	Anthracene	1400	U
84-74-2	Di-n-butylphthalate	450	JB
206-44-0	Fluoranthene	190	J
92-87-5	Benzidine	1400	U
129-00-0	Pyrene	200	J
85-68-7	Butylbenzylphthalate	1400	U
56-55-3	Benzo[a]anthracene	170	J
91-94-1	3,3'-Dichlorobenzidine	1400	U
218-01-9	Chrysene	270	J
117-81-7	bis(2-Ethylhexyl)phthalate	180	JB
117-84-0	Di-n-octylphthalate	1400	U
205-99-2	Benzo[b]fluoranthene	170	J
207-08-9	Benzo[k]fluoranthene	160	J
50-32-8	Benzo[a]pyrene	180	J
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.

M-8 5E

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4351 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4351.10

Sample wt/vol: 10.1 (g/ml) G Lab File ID: BNA02259.D

Level: (low/med) LOW Date Received: 3/16/99

% Moisture: 28.01 decanted: (Y/N) N Date Extracted: 3/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/19/99

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. 000629-96-9	1-Eicosanol	23.74	5500	JN
2.	unknown	24.40	4400	J

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 6F

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4351 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4351.12

Sample wt/vol: 10.08 (g/ml) G Lab File ID: BNA02252.D

Level: (low/med) LOW Date Received: 3/16/99

% Moisture: 43.34 decanted:(Y/N) N Date Extracted: 3/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/18/99

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	1700	U
62-75-9	N-nitroso-dimethylamine	1700	U
62-53-3	Aniline	1700	U
108-95-2	Phenol	1700	U
111-44-4	bis(2-Chloroethyl)ether	1700	U
95-57-8	2-Chlorophenol	1700	U
541-73-1	1,3-Dichlorobenzene	1700	U
106-46-7	1,4-Dichlorobenzene	730	J
100-51-6	Benzyl alcohol	1700	U
95-50-1	1,2-Dichlorobenzene	1700	U
	2-Methylphenol	1700	U
108-60-1	bis(2-chloroisopropyl)ether	1700	U
	4-Methylphenol	1700	U
621-64-7	n-Nitroso-di-n-propylamine	1700	U
67-72-1	Hexachloroethane	1700	U
98-95-3	Nitrobenzene	1700	U
78-59-1	Isophorone	1700	U
88-75-5	2-Nitrophenol	1700	U
105-67-9	2,4-Dimethylphenol	1700	U
111-91-1	bis(2-Chloroethoxy)methane	1700	U
120-83-2	2,4-Dichlorophenol	1700	U
65-85-0	Benzoic Acid	1700	U
120-82-1	1,2,4-Trichlorobenzene	1700	U
91-20-3	Naphthalene	420	J
106-47-8	4-Chloroaniline	1700	U
87-68-3	Hexachlorobutadiene	1700	U
59-50-7	4-Chloro-3-methylphenol	1700	U
91-57-6	2-Methylnaphthalene	1700	U
77-47-4	Hexachlorocyclopentadiene	1700	U
88-06-2	2,4,6-Trichlorophenol	1700	U
	2,4,5-Trichlorophenol	1700	U
91-58-7	2-Chloronaphthalene	1700	U
88-74-4	2-Nitroaniline	1700	U
131-11-3	Dimethylphthalate	1700	U
208-96-8	Acenaphthylene	1700	U
606-20-2	2,6-Dinitrotoluene	1700	U
99-09-2	3-Nitroaniline	1700	U

1C

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 6F

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4351 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4351.12

Sample wt/vol: 10.08 (g/ml) G Lab File ID: BNA02252.D

Level: (low/med) LOW Date Received: 3/16/99

% Moisture: 43.34 decanted:(Y/N) N Date Extracted: 3/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/18/99

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	1700	U
51-28-5	2,4-Dinitrophenol	1700	U
132-64-9	Dibenzofuran	1700	U
100-02-7	4-Nitrophenol	1700	U
121-14-2	2,4-Dinitrotoluene	1700	U
84-66-2	Diethylphthalate	1700	U
86-73-7	Fluorene	1700	U
7005-72-3	4-Chlorophenyl-phenylether	1700	U
100-01-6	4-Nitroaniline	1700	U
534-52-1	4,6-Dinitro-2-methylphenol	1700	U
86-30-6	n-Nitrosodiphenylamine	1700	U
103-33-3	Azobenzene	1700	U
101-55-3	4-Bromophenyl-phenylether	1700	U
118-74-1	Hexachlorobenzene	1700	U
87-86-5	Pentachlorophenol	1700	U
85-01-8	Phenanthrene	1700	U
120-12-7	Anthracene	1700	U
84-74-2	Di-n-butylphthalate	1700	U
206-44-0	Fluoranthene	290	J
92-87-5	Benzidine	1700	U
129-00-0	Pyrene	240	J
85-68-7	Butylbenzylphthalate	1700	U
56-55-3	Benzo[a]anthracene	1700	U
91-94-1	3,3'-Dichlorobenzidine	1700	U
218-01-9	Chrysene	290	J
117-81-7	bis(2-Ethylhexyl)phthalate	1400	JB
117-84-0	Di-n-octylphthalate	1700	U
205-99-2	Benzo[b]fluoranthene	1700	U
207-08-9	Benzo[k]fluoranthene	1700	U
50-32-8	Benzo[a]pyrene	1700	U
193-39-5	Indeno[1,2,3-cd]pyrene	1700	U
53-70-3	Dibenz[a,h]anthracene	1700	U
191-24-2	Benzo[g,h,i]perylene	1700	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

M-8 6F

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4351 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4351.12

Sample wt/vol: 10.08 (g/ml) G Lab File ID: BNA02252.D

Level: (low/med) LOW Date Received: 3/16/99

% Moisture: 43.34 decanted: (Y/N) N Date Extracted: 3/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/18/99

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.		unknown	7.76	7000	J
2.		unknown	20.51	8300	J
3.	007396-38-5	Phenanthrene, 2,4,5,7-tetramethy	21.57	18000	JN
4.	000638-67-5	Tricosane	22.15	3700	JN
5.	000646-31-1	Tetracosane	22.97	5400	JN
6.	000629-96-9	1-Eicosanol	23.72	6800	JN
7.	000629-78-7	Heptadecane	23.76	7100	JN
8.	000593-45-3	Octadecane	24.52	7700	JN
9.	000629-94-7	Heneicosane	25.25	4200	JN
10.	000112-95-8	Eicosane	25.96	3400	JN
11.	007225-64-1	Heptadecane, 9-octyl-	27.30	2400	JN
12.	000629-97-0	Docosane	27.94	1900	JN
13.	013475-77-9	Eicosane, 9-octyl-	28.56	1400	JN
14.	000629-92-5	Nonadecane	29.15	1900	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 7G

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4351 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4351.14

Sample wt/vol: 10.25 (g/ml) G Lab File ID: BNA02249.D

Level: (low/med) LOW Date Received: 3/16/99

% Moisture: 12.23 decanted:(Y/N) N Date Extracted: 3/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/18/99

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.

M-8 7G

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4351 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4351.14

Sample wt/vol: 10.25 (g/ml) G Lab File ID: BNA02249.D

Level: (low/med) LOW Date Received: 3/16/99

% Moisture: 12.23 decanted:(Y/N) N Date Extracted: 3/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/18/99

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	270	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	220	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.

M-8 7G

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4351 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4351.14

Sample wt/vol: 10.25 (g/ml) G Lab File ID: BNA02249.D

Level: (low/med) LOW Date Received: 3/16/99

% Moisture: 12.23 decanted: (Y/N) N Date Extracted: 3/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/18/99

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. 001454-84-8	1-Nonadecanol	23.70	5500	JN
2. 001599-67-3	1-Docosene	25.21	930	JN
3. 000295-65-8	Cyclohexadecane	27.96	1000	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 8H

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4351 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4351.16

Sample wt/vol: 10.28 (g/ml) G Lab File ID: BNA02251.D

Level: (low/med) LOW Date Received: 3/16/99

% Moisture: 16.51 decanted:(Y/N) N Date Extracted: 3/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/18/99

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

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 8H

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4351 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4351.16

Sample wt/vol: 10.28 (g/ml) G Lab File ID: BNA02251.D

Level: (low/med) LOW Date Received: 3/16/99

% Moisture: 16.51 decanted:(Y/N) N Date Extracted: 3/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/18/99

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	730	J
120-12-7	Anthracene	200	J
84-74-2	Di-n-butylphthalate	610	JB
206-44-0	Fluoranthene	1100	J
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	1000	J
85-68-7	Butylbenzylphthalate	1200	U
56-55-3	Benzo[a]anthracene	480	J
91-94-1	3,3'-Dichlorobenzidine	1200	U
218-01-9	Chrysene	790	J
117-81-7	bis(2-Ethylhexyl)phthalate	300	JB
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo[b]fluoranthene	330	J
207-08-9	Benzo[k]fluoranthene	470	J
50-32-8	Benzo[a]pyrene	470	J
193-39-5	Indeno[1,2,3-cd]pyrene	260	J
53-70-3	Dibenz[a,h]anthracene	1200	U
191-24-2	Benzo[g,h,i]perylene	280	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

M-8 8H

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4351 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4351.16

Sample wt/vol: 10.28 (g/ml) G Lab File ID: BNA02251.D

Level: (low/med) LOW Date Received: 3/16/99

% Moisture: 16.51 decanted: (Y/N) N Date Extracted: 3/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/18/99

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. 019047-85-9	Phosphonic acid, dioctadecyl este	23.71	6000	JN
2. 006971-40-0	17-Pentatriacontene	25.21	1200	JN
3. 001599-67-3	1-Docosene	27.97	1200	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 9I

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4351 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4351.18

Sample wt/vol: 10.22 (g/ml) G Lab File ID: BNA02260.D

Level: (low/med) LOW Date Received: 3/16/99

% Moisture: 28.75 decanted:(Y/N) N Date Extracted: 3/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/19/99

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	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

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 9I

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4351 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4351.18

Sample wt/vol: 10.22 (g/ml) G Lab File ID: BNA02260.D

Level: (low/med) LOW Date Received: 3/16/99

% Moisture: 28.75 decanted:(Y/N) N Date Extracted: 3/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/19/99

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	1400	U
51-28-5	2,4-Dinitrophenol	1400	U
132-64-9	Dibenzofuran	1400	U
100-02-7	4-Nitrophenol	1400	U
121-14-2	2,4-Dinitrotoluene	1400	U
84-66-2	Diethylphthalate	1400	U
86-73-7	Fluorene	1400	U
7005-72-3	4-Chlorophenyl-phenylether	1400	U
100-01-6	4-Nitroaniline	1400	U
534-52-1	4,6-Dinitro-2-methylphenol	1400	U
86-30-6	n-Nitrosodiphenylamine	1400	U
103-33-3	Azobenzene	1400	U
101-55-3	4-Bromophenyl-phenylether	1400	U
118-74-1	Hexachlorobenzene	1400	U
87-86-5	Pentachlorophenol	1400	U
85-01-8	Phenanthrene	680	J
120-12-7	Anthracene	180	J
84-74-2	Di-n-butylphthalate	320	JB
206-44-0	Fluoranthene	1300	J
92-87-5	Benzidine	1400	U
129-00-0	Pyrene	1200	J
85-68-7	Butylbenzylphthalate	1400	U
56-55-3	Benzo[a]anthracene	650	J
91-94-1	3,3'-Dichlorobenzidine	1400	U
218-01-9	Chrysene	1100	J
117-81-7	bis(2-Ethylhexyl)phthalate	190	JB
117-84-0	Di-n-octylphthalate	1400	U
205-99-2	Benzo[b]fluoranthene	630	J
207-08-9	Benzo[k]fluoranthene	750	J
50-32-8	Benzo[a]pyrene	750	J
193-39-5	Indeno[1,2,3-cd]pyrene	380	J
53-70-3	Dibenz[a,h]anthracene	1400	U
191-24-2	Benzo[g,h,i]perylene	370	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

M-8 9I

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4351 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4351.18

Sample wt/vol: 10.22 (g/ml) G Lab File ID: BNA02260.D

Level: (low/med) LOW Date Received: 3/16/99

% Moisture: 28.75 decanted: (Y/N) N Date Extracted: 3/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/19/99

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. 000629-96-9	1-Eicosanol	23.72	9000	JN
2. 000295-65-8	Cyclohexadecane	25.24	1300	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 10J

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4351 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4351.20

Sample wt/vol: 10.2 (g/ml) G Lab File ID: BNA02250.D

Level: (low/med) LOW Date Received: 3/16/99

% Moisture: 14.37 decanted:(Y/N) N Date Extracted: 3/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/18/99

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	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

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 10J

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4351 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4351.20

Sample wt/vol: 10.2 (g/ml) G Lab File ID: BNA02250.D

Level: (low/med) LOW Date Received: 3/16/99

% Moisture: 14.37 decanted:(Y/N) N Date Extracted: 3/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/18/99

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	310	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	260	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.

M-8 10J

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4351 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4351.20

Sample wt/vol: 10.2 (g/ml) G Lab File ID: BNA02250.D

Level: (low/med) LOW Date Received: 3/16/99

% Moisture: 14.37 decanted: (Y/N) N Date Extracted: 3/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/18/99

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. 074685-30-6	5-Eicosene, (E)-	23.71	7400	JN
2. 000629-96-9	1-Eicosanol	25.21	1100	JN
3.	unknown	27.96	1500	J

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 11K

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4351 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4351.22

Sample wt/vol: 10.34 (g/ml) G Lab File ID: BNA02261.D

Level: (low/med) LOW Date Received: 3/16/99

% Moisture: 32.06 decanted:(Y/N) N Date Extracted: 3/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/19/99

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	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	780	J
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	240	J
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	250	J
606-20-2	2,6-Dinitrotoluene	1400	U
99-09-2	3-Nitroaniline	1400	U

1C

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 11K

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4351 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4351.22

Sample wt/vol: 10.34 (g/ml) G Lab File ID: BNA02261.D

Level: (low/med) LOW Date Received: 3/16/99

% Moisture: 32.06 decanted:(Y/N) N Date Extracted: 3/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/19/99

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	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	160	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	230	J
120-12-7	Anthracene	1400	U
84-74-2	Di-n-butylphthalate	1100	JB
206-44-0	Fluoranthene	890	J
92-87-5	Benzidine	1400	U
129-00-0	Pyrene	1400	J
85-68-7	Butylbenzylphthalate	1400	U
56-55-3	Benzo[a]anthracene	870	J
91-94-1	3,3'-Dichlorobenzidine	1400	U
218-01-9	Chrysene	1800	
117-81-7	bis(2-Ethylhexyl)phthalate	340	JB
117-84-0	Di-n-octylphthalate	1400	U
205-99-2	Benzo[b]fluoranthene	520	J
207-08-9	Benzo[k]fluoranthene	770	J
50-32-8	Benzo[a]pyrene	760	J
193-39-5	Indeno[1,2,3-cd]pyrene	250	J
53-70-3	Dibenz[a,h]anthracene	1400	U
191-24-2	Benzo[g,h,i]perylene	290	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

M-8 11K

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4351 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4351.22

Sample wt/vol: 10.34 (g/ml) G Lab File ID: BNA02261.D

Level: (low/med) LOW Date Received: 3/16/99

% Moisture: 32.06 decanted: (Y/N) N Date Extracted: 3/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/19/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 10 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.54	5700	J
2.	unknown	7.76	10000	J
3. 000128-37-0	Butylated Hydroxytoluene	14.34	1800	JN
4. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.25	2000	JN
5.	unknown	20.48	1800	J
6.	unknown	23.43	5700	J
7. 000629-96-9	1-Eicosanol	23.74	6700	JN
8.	unknown	24.29	11000	J
9.	unknown	24.33	3400	J
10.	unknown	24.42	4200	J

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 12L

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4351 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4351.24

Sample wt/vol: 10.54 (g/ml) G Lab File ID: BNA02262.D

Level: (low/med) LOW Date Received: 3/16/99

% Moisture: 28.52 decanted:(Y/N) N Date Extracted: 3/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/19/99

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	1300	U
62-75-9	N-nitroso-dimethylamine	1300	U
62-53-3	Aniline	1300	U
108-95-2	Phenol	1300	U
111-44-4	bis(2-Chloroethyl)ether	1300	U
95-57-8	2-Chlorophenol	1300	U
541-73-1	1,3-Dichlorobenzene	1300	U
106-46-7	1,4-Dichlorobenzene	1300	U
100-51-6	Benzyl alcohol	1300	U
95-50-1	1,2-Dichlorobenzene	1300	U
	2-Methylphenol	1300	U
108-60-1	bis(2-chloroisopropyl)ether	1300	U
	4-Methylphenol	1300	U
621-64-7	n-Nitroso-di-n-propylamine	1300	U
67-72-1	Hexachloroethane	1300	U
98-95-3	Nitrobenzene	1300	U
78-59-1	Isophorone	1300	U
88-75-5	2-Nitrophenol	1300	U
105-67-9	2,4-Dimethylphenol	1300	U
111-91-1	bis(2-Chloroethoxy)methane	1300	U
120-83-2	2,4-Dichlorophenol	1300	U
65-85-0	Benzoic Acid	1300	U
120-82-1	1,2,4-Trichlorobenzene	1300	U
91-20-3	Naphthalene	1300	U
106-47-8	4-Chloroaniline	1300	U
87-68-3	Hexachlorobutadiene	1300	U
59-50-7	4-Chloro-3-methylphenol	1300	U
91-57-6	2-Methylnaphthalene	1300	U
77-47-4	Hexachlorocyclopentadiene	1300	U
88-06-2	2,4,6-Trichlorophenol	1300	U
	2,4,5-Trichlorophenol	1300	U
91-58-7	2-Chloronaphthalene	1300	U
88-74-4	2-Nitroaniline	1300	U
131-11-3	Dimethylphthalate	1300	U
208-96-8	Acenaphthylene	1300	U
606-20-2	2,6-Dinitrotoluene	1300	U
99-09-2	3-Nitroaniline	1300	U

1C

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 12L

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4351 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4351.24

Sample wt/vol: 10.54 (g/ml) G Lab File ID: BNA02262.D

Level: (low/med) LOW Date Received: 3/16/99

% Moisture: 28.52 decanted:(Y/N) N Date Extracted: 3/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/19/99

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	210	J
51-28-5	2,4-Dinitrophenol	1300	U
132-64-9	Dibenzofuran	1300	U
100-02-7	4-Nitrophenol	1300	U
121-14-2	2,4-Dinitrotoluene	1300	U
84-66-2	Diethylphthalate	160	J
86-73-7	Fluorene	230	J
7005-72-3	4-Chlorophenyl-phenylether	1300	U
100-01-6	4-Nitroaniline	1300	U
534-52-1	4,6-Dinitro-2-methylphenol	1300	U
86-30-6	n-Nitrosodiphenylamine	1300	U
103-33-3	Azobenzene	1300	U
101-55-3	4-Bromophenyl-phenylether	1300	U
118-74-1	Hexachlorobenzene	1300	U
87-86-5	Pentachlorophenol	1300	U
85-01-8	Phenanthrene	2700	
120-12-7	Anthracene	840	J
84-74-2	Di-n-butylphthalate	480	JB
206-44-0	Fluoranthene	4300	
92-87-5	Benzidine	1300	U
129-00-0	Pyrene	3300	
85-68-7	Butylbenzylphthalate	1300	U
56-55-3	Benzo[a]anthracene	1800	
91-94-1	3,3'-Dichlorobenzidine	1300	U
218-01-9	Chrysene	2800	
117-81-7	bis(2-Ethylhexyl)phthalate	180	JB
117-84-0	Di-n-octylphthalate	1300	U
205-99-2	Benzo[b]fluoranthene	1800	
207-08-9	Benzo[k]fluoranthene	1600	
50-32-8	Benzo[a]pyrene	1700	
193-39-5	Indeno[1,2,3-cd]pyrene	660	J
53-70-3	Dibenz[a,h]anthracene	250	J
191-24-2	Benzo[g,h,i]perylene	550	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

M-8 12L

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4351 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4351.24

Sample wt/vol: 10.54 (g/ml) G Lab File ID: BNA02262.D

Level: (low/med) LOW Date Received: 3/16/99

% Moisture: 28.52 decanted: (Y/N) N Date Extracted: 3/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/19/99

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.	unknown	20.48	1200	J
2. 077899-03-7	1-Heneicosyl formate	23.73	22000	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 13M

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4351 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4351.26

Sample wt/vol: 10.02 (g/ml) G Lab File ID: BNA02257.D

Level: (low/med) LOW Date Received: 3/16/99

% Moisture: 24.73 decanted:(Y/N) N Date Extracted: 3/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/19/99

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	1300	U
62-75-9	N-nitroso-dimethylamine	1300	U
62-53-3	Aniline	1300	U
108-95-2	Phenol	1300	U
111-44-4	bis(2-Chloroethyl)ether	1300	U
95-57-8	2-Chlorophenol	1300	U
541-73-1	1,3-Dichlorobenzene	1300	U
106-46-7	1,4-Dichlorobenzene	1300	U
100-51-6	Benzyl alcohol	1300	U
95-50-1	1,2-Dichlorobenzene	1300	U
	2-Methylphenol	1300	U
108-60-1	bis(2-chloroisopropyl)ether	1300	U
	4-Methylphenol	1300	U
621-64-7	n-Nitroso-di-n-propylamine	1300	U
67-72-1	Hexachloroethane	1300	U
98-95-3	Nitrobenzene	1300	U
78-59-1	Isophorone	1300	U
88-75-5	2-Nitrophenol	1300	U
105-67-9	2,4-Dimethylphenol	1300	U
111-91-1	bis(2-Chloroethoxy)methane	1300	U
120-83-2	2,4-Dichlorophenol	1300	U
65-85-0	Benzoic Acid	1300	U
120-82-1	1,2,4-Trichlorobenzene	1300	U
91-20-3	Naphthalene	1300	U
106-47-8	4-Chloroaniline	1300	U
87-68-3	Hexachlorobutadiene	1300	U
59-50-7	4-Chloro-3-methylphenol	1300	U
91-57-6	2-Methylnaphthalene	1300	U
77-47-4	Hexachlorocyclopentadiene	1300	U
88-06-2	2,4,6-Trichlorophenol	1300	U
	2,4,5-Trichlorophenol	1300	U
91-58-7	2-Chloronaphthalene	1300	U
88-74-4	2-Nitroaniline	1300	U
131-11-3	Dimethylphthalate	1300	U
208-96-8	Acenaphthylene	1300	U
606-20-2	2,6-Dinitrotoluene	1300	U
99-09-2	3-Nitroaniline	1300	U

1C

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 13M

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4351 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4351.26

Sample wt/vol: 10.02 (g/ml) G Lab File ID: BNA02257.D

Level: (low/med) LOW Date Received: 3/16/99

% Moisture: 24.73 decanted:(Y/N) N Date Extracted: 3/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/19/99

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	1300	U
51-28-5	2,4-Dinitrophenol	1300	U
132-64-9	Dibenzofuran	1300	U
100-02-7	4-Nitrophenol	1300	U
121-14-2	2,4-Dinitrotoluene	1300	U
84-66-2	Diethylphthalate	190	J
86-73-7	Fluorene	1300	U
7005-72-3	4-Chlorophenyl-phenylether	1300	U
100-01-6	4-Nitroaniline	1300	U
534-52-1	4,6-Dinitro-2-methylphenol	1300	U
86-30-6	n-Nitrosodiphenylamine	1300	U
103-33-3	Azobenzene	1300	U
101-55-3	4-Bromophenyl-phenylether	1300	U
118-74-1	Hexachlorobenzene	1300	U
87-86-5	Pentachlorophenol	1300	U
85-01-8	Phenanthrene	270	J
120-12-7	Anthracene	1300	U
84-74-2	Di-n-butylphthalate	560	JB
206-44-0	Fluoranthene	530	J
92-87-5	Benzidine	1300	U
129-00-0	Pyrene	500	J
85-68-7	Butylbenzylphthalate	1300	U
56-55-3	Benzo[a]anthracene	260	J
91-94-1	3,3'-Dichlorobenzidine	1300	U
218-01-9	Chrysene	540	J
117-81-7	bis(2-Ethylhexyl)phthalate	160	JB
117-84-0	Di-n-octylphthalate	1300	U
205-99-2	Benzo[b]fluoranthene	310	J
207-08-9	Benzo[k]fluoranthene	330	J
50-32-8	Benzo[a]pyrene	300	J
193-39-5	Indeno[1,2,3-cd]pyrene	220	J
53-70-3	Dibenz[a,h]anthracene	1300	U
191-24-2	Benzo[g,h,i]perylene	260	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

M-8 13M

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4351 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4351.26

Sample wt/vol: 10.02 (g/ml) G Lab File ID: BNA02257.D

Level: (low/med) LOW Date Received: 3/16/99

% Moisture: 24.73 decanted: (Y/N) N Date Extracted: 3/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/19/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 14N

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4354 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4354.02

Sample wt/vol: 10.48 (g/ml) G Lab File ID: BNA02271.D

Level: (low/med) LOW Date Received: 3/17/99

% Moisture: 16.35 decanted:(Y/N) N Date Extracted: 3/19/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/22/99

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	1600	
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	310	J
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

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 14N

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4354 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4354.02

Sample wt/vol: 10.48 (g/ml) G Lab File ID: BNA02271.D

Level: (low/med) LOW Date Received: 3/17/99

% Moisture: 16.35 decanted:(Y/N) N Date Extracted: 3/19/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/22/99

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	600	JB
206-44-0	Fluoranthene	150	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	140	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	160	J
117-81-7	bis(2-Ethylhexyl)phthalate	170	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.

M-8 14N

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4354 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4354.02

Sample wt/vol: 10.48 (g/ml) G Lab File ID: BNA02271.D

Level: (low/med) LOW Date Received: 3/17/99

% Moisture: 16.35 decanted: (Y/N) N Date Extracted: 3/19/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/22/99

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. 000100-52-7	Benzaldehyde	6.30	180000	JN
2.	unknown	12.14	22000	J
3. 019047-85-9	Phosphonic acid, dioctadecyl este	23.71	2700	JN
4. 000083-47-6	.gamma.-Sitosterol	29.42	1200	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 15O

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4354 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4354.04

Sample wt/vol: 10.61 (g/ml) G Lab File ID: BNA02277.D

Level: (low/med) LOW Date Received: 3/17/99

% Moisture: 7.5 decanted:(Y/N) N Date Extracted: 3/19/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/22/99

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	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

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 15O

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4354 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4354.04

Sample wt/vol: 10.61 (g/ml) G Lab File ID: BNA02277.D

Level: (low/med) LOW Date Received: 3/17/99

% Moisture: 7.5 decanted:(Y/N) N Date Extracted: 3/19/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/22/99

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	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	390	J
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	690	JB
206-44-0	Fluoranthene	820	J
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	630	J
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	340	J
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	570	J
117-81-7	bis(2-Ethylhexyl)phthalate	460	JB
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	300	J
207-08-9	Benzo[k]fluoranthene	360	J
50-32-8	Benzo[a]pyrene	340	J
193-39-5	Indeno[1,2,3-cd]pyrene	220	J
53-70-3	Dibenz[a,h]anthracene	1000	U
191-24-2	Benzo[g,h,i]perylene	180	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

M-8 15O

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4354 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4354.04

Sample wt/vol: 10.61 (g/ml) G Lab File ID: BNA02277.D

Level: (low/med) LOW Date Received: 3/17/99

% Moisture: 7.5 decanted: (Y/N) N Date Extracted: 3/19/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/22/99

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	18.24	850	JN
2. 074685-30-6	5-Eicosene, (E)-	23.71	2800	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 16P

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4354 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4354.06

Sample wt/vol: 10.46 (g/ml) G Lab File ID: BNA02276.D

Level: (low/med) LOW Date Received: 3/17/99

% Moisture: 16.28 decanted:(Y/N) N Date Extracted: 3/19/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/22/99

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	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

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 16P

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4354 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4354.06

Sample wt/vol: 10.46 (g/ml) G Lab File ID: BNA02276.D

Level: (low/med) LOW Date Received: 3/17/99

% Moisture: 16.28 decanted:(Y/N) N Date Extracted: 3/19/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/22/99

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	1500	B
206-44-0	Fluoranthene	210	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	200	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	210	J
117-81-7	bis(2-Ethylhexyl)phthalate	170	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	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.

M-8 16P

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4354 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4354.06

Sample wt/vol: 10.46 (g/ml) G Lab File ID: BNA02276.D

Level: (low/med) LOW Date Received: 3/17/99

% Moisture: 16.28 decanted: (Y/N) N Date Extracted: 3/19/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/22/99

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. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.24	1700	JN
2. 000112-92-5	1-Octadecanol	23.71	3500	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 17Q

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4354 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4354.08

Sample wt/vol: 10.66 (g/ml) G Lab File ID: BNA02278.D

Level: (low/med) LOW Date Received: 3/17/99

% Moisture: 16.07 decanted:(Y/N) N Date Extracted: 3/19/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/22/99

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

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 17Q

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4354 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4354.08

Sample wt/vol: 10.66 (g/ml) G Lab File ID: BNA02278.D

Level: (low/med) LOW Date Received: 3/17/99

% Moisture: 16.07 decanted:(Y/N) N Date Extracted: 3/19/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/22/99

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	130	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	780	JB
206-44-0	Fluoranthene	270	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	140	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	280	J
117-81-7	bis(2-Ethylhexyl)phthalate	210	JB
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	160	J
207-08-9	Benzo[k]fluoranthene	220	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.

M-8 17Q

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4354 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4354.08

Sample wt/vol: 10.66 (g/ml) G Lab File ID: BNA02278.D

Level: (low/med) LOW Date Received: 3/17/99

% Moisture: 16.07 decanted: (Y/N) N Date Extracted: 3/19/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/22/99

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	18.24	910	JN
2. 000629-96-9	1-Eicosanol	23.72	3600	JN
3. 002885-00-9	1-Octadecanethiol	25.23	4500	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 18R

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4354 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4354.10

Sample wt/vol: 10.35 (g/ml) G Lab File ID: BNA02274.D

Level: (low/med) LOW Date Received: 3/17/99

% Moisture: 18.3 decanted:(Y/N) N Date Extracted: 3/19/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/22/99

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	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	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

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 18R

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4354 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4354.10

Sample wt/vol: 10.35 (g/ml) G Lab File ID: BNA02274.D

Level: (low/med) LOW Date Received: 3/17/99

% Moisture: 18.3 decanted:(Y/N) N Date Extracted: 3/19/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/22/99

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	590	J
51-28-5	2,4-Dinitrophenol	1200	U
132-64-9	Dibenzofuran	340	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	670	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	6100	
120-12-7	Anthracene	1900	
84-74-2	Di-n-butylphthalate	270	JB
206-44-0	Fluoranthene	6800	
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	4800	
85-68-7	Butylbenzylphthalate	1200	U
56-55-3	Benzo[a]anthracene	2500	
91-94-1	3,3'-Dichlorobenzidine	1200	U
218-01-9	Chrysene	3800	
117-81-7	bis(2-Ethylhexyl)phthalate	140	JB
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo[b]fluoranthene	2100	
207-08-9	Benzo[k]fluoranthene	2000	
50-32-8	Benzo[a]pyrene	2500	
193-39-5	Indeno[1,2,3-cd]pyrene	1400	
53-70-3	Dibenz[a,h]anthracene	390	J
191-24-2	Benzo[g,h,i]perylene	1300	

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

M-8 18R

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4354 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4354.10

Sample wt/vol: 10.35 (g/ml) G Lab File ID: BNA02274.D

Level: (low/med) LOW Date Received: 3/17/99

% Moisture: 18.3 decanted: (Y/N) N Date Extracted: 3/19/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/22/99

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. 000629-96-9	1-Eicosanol	23.72	3300	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 19S

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4354 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4354.12

Sample wt/vol: 10.45 (g/ml) G Lab File ID: BNA02289.D

Level: (low/med) LOW Date Received: 3/17/99

% Moisture: 14.37 decanted:(Y/N) N Date Extracted: 3/19/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/23/99

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	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

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 19S

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4354 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4354.12

Sample wt/vol: 10.45 (g/ml) G Lab File ID: BNA02289.D

Level: (low/med) LOW Date Received: 3/17/99

% Moisture: 14.37 decanted:(Y/N) N Date Extracted: 3/19/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/23/99

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	150	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	180	JB
206-44-0	Fluoranthene	240	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	260	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	260	J
117-81-7	bis(2-Ethylhexyl)phthalate	180	JB
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	170	J
207-08-9	Benzo[k]fluoranthene	140	J
50-32-8	Benzo[a]pyrene	150	J
193-39-5	Indeno[1,2,3-cd]pyrene	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.

M-8 19S

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4354 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4354.12

Sample wt/vol: 10.45 (g/ml) G Lab File ID: BNA02289.D

Level: (low/med) LOW Date Received: 3/17/99

% Moisture: 14.37 decanted: (Y/N) N Date Extracted: 3/19/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/23/99

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. 001599-67-3	1-Docosene	23.73	5300	JN
2. 006765-39-5	1-Heptadecene	25.25	2000	JN
3. 000000-00-0	1-Hexacosanal	26.24	1200	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 20T

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4354 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4354.14

Sample wt/vol: 10.16 (g/ml) G Lab File ID: BNA02272.D

Level: (low/med) LOW Date Received: 3/17/99

% Moisture: 17.29 decanted:(Y/N) N Date Extracted: 3/19/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/22/99

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

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 20T

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4354 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4354.14

Sample wt/vol: 10.16 (g/ml) G Lab File ID: BNA02272.D

Level: (low/med) LOW Date Received: 3/17/99

% Moisture: 17.29 decanted:(Y/N) N Date Extracted: 3/19/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/22/99

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	590	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	210	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.

M-8 20T

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4354 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4354.14

Sample wt/vol: 10.16 (g/ml) G Lab File ID: BNA02272.D

Level: (low/med) LOW Date Received: 3/17/99

% Moisture: 17.29 decanted: (Y/N) N Date Extracted: 3/19/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/22/99

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. 000629-96-9	1-Eicosanol	23.72	5300	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 21U

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4354 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4354.16

Sample wt/vol: 10.62 (g/ml) G Lab File ID: BNA02282.D

Level: (low/med) LOW Date Received: 3/17/99

% Moisture: 15.58 decanted:(Y/N) N Date Extracted: 3/19/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/23/99

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	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	170	J
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 21U

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4354 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4354.16

Sample wt/vol: 10.62 (g/ml) G Lab File ID: BNA02282.D

Level: (low/med) LOW Date Received: 3/17/99

% Moisture: 15.58 decanted:(Y/N) N Date Extracted: 3/19/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/23/99

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	450	J
120-12-7	Anthracene	150	J
84-74-2	Di-n-butylphthalate	550	JB
206-44-0	Fluoranthene	1000	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	550	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1300	
117-81-7	bis(2-Ethylhexyl)phthalate	480	JB
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	980	J
207-08-9	Benzo[k]fluoranthene	900	J
50-32-8	Benzo[a]pyrene	650	J
193-39-5	Indeno[1,2,3-cd]pyrene	270	J
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.

M-8 21U

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4354 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4354.16

Sample wt/vol: 10.62 (g/ml) G Lab File ID: BNA02282.D

Level: (low/med) LOW Date Received: 3/17/99

% Moisture: 15.58 decanted: (Y/N) N Date Extracted: 3/19/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/23/99

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	23.74	4500	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 22V

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4354 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4354.18

Sample wt/vol: 10.52 (g/ml) G Lab File ID: BNA02290.D

Level: (low/med) LOW Date Received: 3/17/99

% Moisture: 8.79 decanted:(Y/N) N Date Extracted: 3/19/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/23/99

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	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

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 22V

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4354 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4354.18

Sample wt/vol: 10.52 (g/ml) G Lab File ID: BNA02290.D

Level: (low/med) LOW Date Received: 3/17/99

% Moisture: 8.79 decanted:(Y/N) N Date Extracted: 3/19/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/23/99

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	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	570	J
120-12-7	Anthracene	150	J
84-74-2	Di-n-butylphthalate	170	JB
206-44-0	Fluoranthene	1300	
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	1300	
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	690	J
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	1500	
117-81-7	bis(2-Ethylhexyl)phthalate	200	JB
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	1400	
207-08-9	Benzo[k]fluoranthene	1000	J
50-32-8	Benzo[a]pyrene	1900	
193-39-5	Indeno[1,2,3-cd]pyrene	1500	
53-70-3	Dibenz[a,h]anthracene	380	J
191-24-2	Benzo[g,h,i]perylene	1600	

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

M-8 22V

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4354 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4354.18

Sample wt/vol: 10.52 (g/ml) G Lab File ID: BNA02290.D

Level: (low/med) LOW Date Received: 3/17/99

% Moisture: 8.79 decanted: (Y/N) N Date Extracted: 3/19/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/23/99

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	23.73	4400	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 23W

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4354 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4354.20

Sample wt/vol: 10.35 (g/ml) G Lab File ID: BNA02291.D

Level: (low/med) LOW Date Received: 3/17/99

% Moisture: 9.73 decanted:(Y/N) N Date Extracted: 3/19/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/23/99

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	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

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 23W

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4354 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4354.20

Sample wt/vol: 10.35 (g/ml) G Lab File ID: BNA02291.D

Level: (low/med) LOW Date Received: 3/17/99

% Moisture: 9.73 decanted:(Y/N) N Date Extracted: 3/19/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/23/99

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	460	JB
206-44-0	Fluoranthene	200	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	120	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	210	J
117-81-7	bis(2-Ethylhexyl)phthalate	140	JB
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	160	J
207-08-9	Benzo[k]fluoranthene	120	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.

M-8 23W

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4354 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4354.20

Sample wt/vol: 10.35 (g/ml) G Lab File ID: BNA02291.D

Level: (low/med) LOW Date Received: 3/17/99

% Moisture: 9.73 decanted: (Y/N) N Date Extracted: 3/19/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/23/99

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)-	23.73	3900	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 24X

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4354 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4354.22

Sample wt/vol: 10.05 (g/ml) G Lab File ID: BNA02311.D

Level: (low/med) LOW Date Received: 3/17/99

% Moisture: 13.49 decanted:(Y/N) N Date Extracted: 3/19/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/24/99

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	7000	
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	5200	
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

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 24X

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4354 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4354.22

Sample wt/vol: 10.05 (g/ml) G Lab File ID: BNA02311.D

Level: (low/med) LOW Date Received: 3/17/99

% Moisture: 13.49 decanted:(Y/N) N Date Extracted: 3/19/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/24/99

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	120	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	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	290	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	400	JB
206-44-0	Fluoranthene	340	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	280	J
85-68-7	Butylbenzylphthalate	770	J
56-55-3	Benzo[a]anthracene	180	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	450	J
117-81-7	bis(2-Ethylhexyl)phthalate	140	JB
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	270	J
207-08-9	Benzo[k]fluoranthene	320	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.

M-8 24X

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4354 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4354.22

Sample wt/vol: 10.05 (g/ml) G Lab File ID: BNA02311.D

Level: (low/med) LOW Date Received: 3/17/99

% Moisture: 13.49 decanted: (Y/N) N Date Extracted: 3/19/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/24/99

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. 000090-12-0	Naphthalene, 1-methyl-	11.75	6100	JN
2. 000581-42-0	Naphthalene, 2,6-dimethyl-	12.99	2100	JN
3. 000571-61-9	Naphthalene, 1,5-dimethyl-	13.19	3400	JN
4. 000582-16-1	Naphthalene, 2,7-dimethyl-	13.23	1500	JN
5. 000575-41-7	Naphthalene, 1,3-dimethyl-	13.43	1200	JN
6.	unknown	13.84	1800	J
7. 000544-76-3	Hexadecane	15.32	940	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 25Y

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4354 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4354.24

Sample wt/vol: 10.41 (g/ml) G Lab File ID: BNA02275.D

Level: (low/med) LOW Date Received: 3/17/99

% Moisture: 17.24 decanted:(Y/N) N Date Extracted: 3/19/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/22/99

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	780	J
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

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 25Y

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4354 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4354.24

Sample wt/vol: 10.41 (g/ml) G Lab File ID: BNA02275.D

Level: (low/med) LOW Date Received: 3/17/99

% Moisture: 17.24 decanted:(Y/N) N Date Extracted: 3/19/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/22/99

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	620	J
120-12-7	Anthracene	1200	U
84-74-2	Di-n-butylphthalate	600	JB
206-44-0	Fluoranthene	640	J
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	780	J
85-68-7	Butylbenzylphthalate	1200	U
56-55-3	Benzo[a]anthracene	370	J
91-94-1	3,3'-Dichlorobenzidine	1200	U
218-01-9	Chrysene	740	J
117-81-7	bis(2-Ethylhexyl)phthalate	1200	U
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo[b]fluoranthene	280	J
207-08-9	Benzo[k]fluoranthene	290	J
50-32-8	Benzo[a]pyrene	340	J
193-39-5	Indeno[1,2,3-cd]pyrene	180	J
53-70-3	Dibenz[a,h]anthracene	1200	U
191-24-2	Benzo[g,h,i]perylene	230	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

M-8 25Y

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4354 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4354.24

Sample wt/vol: 10.41 (g/ml) G Lab File ID: BNA02275.D

Level: (low/med) LOW Date Received: 3/17/99

% Moisture: 17.24 decanted: (Y/N) N Date Extracted: 3/19/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/22/99

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. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.24	1000	JN
2. 000629-80-1	Hexadecanal	23.22	1500	JN
3. 000629-96-9	1-Eicosanol	23.71	5800	JN
4. 001599-67-3	1-Docosene	25.23	1400	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 26Z

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4354 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4354.26

Sample wt/vol: 11.02 (g/ml) G Lab File ID: BNA02273.D

Level: (low/med) LOW Date Received: 3/17/99

% Moisture: 14.17 decanted:(Y/N) N Date Extracted: 3/19/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/22/99

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	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	160	J
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 26Z

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4354 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4354.26

Sample wt/vol: 11.02 (g/ml) G Lab File ID: BNA02273.D

Level: (low/med) LOW Date Received: 3/17/99

% Moisture: 14.17 decanted:(Y/N) N Date Extracted: 3/19/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/22/99

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	150	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	120	JB
206-44-0	Fluoranthene	290	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	380	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	480	J
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	310	J
207-08-9	Benzo[k]fluoranthene	330	J
50-32-8	Benzo[a]pyrene	380	J
193-39-5	Indeno[1,2,3-cd]pyrene	240	J
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	280	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

M-8 26Z

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4354 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4354.26

Sample wt/vol: 11.02 (g/ml) G Lab File ID: BNA02273.D

Level: (low/med) LOW Date Received: 3/17/99

% Moisture: 14.17 decanted: (Y/N) N Date Extracted: 3/19/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/22/99

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. 000629-96-9	1-Eicosanol	23.71	3800	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 27AA

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4354 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4354.28

Sample wt/vol: 10.14 (g/ml) G Lab File ID: BNA02292.D

Level: (low/med) LOW Date Received: 3/17/99

% Moisture: 24.21 decanted:(Y/N) N Date Extracted: 3/19/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/23/99

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	1300	U
62-75-9	N-nitroso-dimethylamine	1300	U
62-53-3	Aniline	1300	U
108-95-2	Phenol	1300	U
111-44-4	bis(2-Chloroethyl)ether	1300	U
95-57-8	2-Chlorophenol	1300	U
541-73-1	1,3-Dichlorobenzene	1300	U
106-46-7	1,4-Dichlorobenzene	1300	U
100-51-6	Benzyl alcohol	1300	U
95-50-1	1,2-Dichlorobenzene	1300	U
	2-Methylphenol	1300	U
108-60-1	bis(2-chloroisopropyl)ether	1300	U
	4-Methylphenol	1300	U
621-64-7	n-Nitroso-di-n-propylamine	1300	U
67-72-1	Hexachloroethane	1300	U
98-95-3	Nitrobenzene	1300	U
78-59-1	Isophorone	1300	U
88-75-5	2-Nitrophenol	1300	U
105-67-9	2,4-Dimethylphenol	1300	U
111-91-1	bis(2-Chloroethoxy)methane	1300	U
120-83-2	2,4-Dichlorophenol	1300	U
65-85-0	Benzoic Acid	1300	U
120-82-1	1,2,4-Trichlorobenzene	1300	U
91-20-3	Naphthalene	1300	U
106-47-8	4-Chloroaniline	1300	U
87-68-3	Hexachlorobutadiene	1300	U
59-50-7	4-Chloro-3-methylphenol	1300	U
91-57-6	2-Methylnaphthalene	1300	U
77-47-4	Hexachlorocyclopentadiene	1300	U
88-06-2	2,4,6-Trichlorophenol	1300	U
	2,4,5-Trichlorophenol	1300	U
91-58-7	2-Chloronaphthalene	1300	U
88-74-4	2-Nitroaniline	1300	U
131-11-3	Dimethylphthalate	1300	U
208-96-8	Acenaphthylene	1300	U
606-20-2	2,6-Dinitrotoluene	1300	U
99-09-2	3-Nitroaniline	1300	U

1C

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 27AA

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4354 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4354.28

Sample wt/vol: 10.14 (g/ml) G Lab File ID: BNA02292.D

Level: (low/med) LOW Date Received: 3/17/99

% Moisture: 24.21 decanted:(Y/N) N Date Extracted: 3/19/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/23/99

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	1300	U
51-28-5	2,4-Dinitrophenol	1300	U
132-64-9	Dibenzofuran	1300	U
100-02-7	4-Nitrophenol	1300	U
121-14-2	2,4-Dinitrotoluene	1300	U
84-66-2	Diethylphthalate	1300	U
86-73-7	Fluorene	1300	U
7005-72-3	4-Chlorophenyl-phenylether	1300	U
100-01-6	4-Nitroaniline	1300	U
534-52-1	4,6-Dinitro-2-methylphenol	1300	U
86-30-6	n-Nitrosodiphenylamine	1300	U
103-33-3	Azobenzene	1300	U
101-55-3	4-Bromophenyl-phenylether	1300	U
118-74-1	Hexachlorobenzene	1300	U
87-86-5	Pentachlorophenol	1300	U
85-01-8	Phenanthrene	160	J
120-12-7	Anthracene	1300	U
84-74-2	Di-n-butylphthalate	550	JB
206-44-0	Fluoranthene	340	J
92-87-5	Benzidine	1300	U
129-00-0	Pyrene	360	J
85-68-7	Butylbenzylphthalate	1300	U
56-55-3	Benzo[a]anthracene	220	J
91-94-1	3,3'-Dichlorobenzidine	1300	U
218-01-9	Chrysene	450	J
117-81-7	bis(2-Ethylhexyl)phthalate	300	JB
117-84-0	Di-n-octylphthalate	1300	U
205-99-2	Benzo[b]fluoranthene	300	J
207-08-9	Benzo[k]fluoranthene	210	J
50-32-8	Benzo[a]pyrene	270	J
193-39-5	Indeno[1,2,3-cd]pyrene	1300	U
53-70-3	Dibenz[a,h]anthracene	1300	U
191-24-2	Benzo[g,h,i]perylene	1300	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

M-8 27AA

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4354 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4354.28

Sample wt/vol: 10.14 (g/ml) G Lab File ID: BNA02292.D

Level: (low/med) LOW Date Received: 3/17/99

% Moisture: 24.21 decanted: (Y/N) N Date Extracted: 3/19/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/23/99

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. 007704-34-9	Sulfur	19.92	1100	JN
2. 001599-67-3	1-Docosene	23.74	5000	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 28BB

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4357 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4357.02

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA02309.D

Level: (low/med) LOW Date Received: 3/18/99

% Moisture: 22.19 decanted:(Y/N) N Date Extracted: 3/19/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/24/99

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	1300	U
62-75-9	N-nitroso-dimethylamine	1300	U
62-53-3	Aniline	1300	U
108-95-2	Phenol	1300	U
111-44-4	bis(2-Chloroethyl)ether	1300	U
95-57-8	2-Chlorophenol	1300	U
541-73-1	1,3-Dichlorobenzene	1300	U
106-46-7	1,4-Dichlorobenzene	1300	U
100-51-6	Benzyl alcohol	1300	U
95-50-1	1,2-Dichlorobenzene	1300	U
	2-Methylphenol	1300	U
108-60-1	bis(2-chloroisopropyl)ether	1300	U
	4-Methylphenol	1300	U
621-64-7	n-Nitroso-di-n-propylamine	1300	U
67-72-1	Hexachloroethane	1300	U
98-95-3	Nitrobenzene	1300	U
78-59-1	Isophorone	1300	U
88-75-5	2-Nitrophenol	1300	U
105-67-9	2,4-Dimethylphenol	1300	U
111-91-1	bis(2-Chloroethoxy)methane	1300	U
120-83-2	2,4-Dichlorophenol	1300	U
65-85-0	Benzoic Acid	1300	U
120-82-1	1,2,4-Trichlorobenzene	1300	U
91-20-3	Naphthalene	1300	U
106-47-8	4-Chloroaniline	1300	U
87-68-3	Hexachlorobutadiene	1300	U
59-50-7	4-Chloro-3-methylphenol	1300	U
91-57-6	2-Methylnaphthalene	1300	U
77-47-4	Hexachlorocyclopentadiene	1300	U
88-06-2	2,4,6-Trichlorophenol	1300	U
	2,4,5-Trichlorophenol	1300	U
91-58-7	2-Chloronaphthalene	1300	U
88-74-4	2-Nitroaniline	1300	U
131-11-3	Dimethylphthalate	1300	U
208-96-8	Acenaphthylene	1300	U
606-20-2	2,6-Dinitrotoluene	1300	U
99-09-2	3-Nitroaniline	1300	U

1C

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 28BB

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4357 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4357.02

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA02309.D

Level: (low/med) LOW Date Received: 3/18/99

% Moisture: 22.19 decanted:(Y/N) N Date Extracted: 3/19/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/24/99

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	1300	U
51-28-5	2,4-Dinitrophenol	1300	U
132-64-9	Dibenzofuran	1300	U
100-02-7	4-Nitrophenol	1300	U
121-14-2	2,4-Dinitrotoluene	1300	U
84-66-2	Diethylphthalate	1300	U
86-73-7	Fluorene	1300	U
7005-72-3	4-Chlorophenyl-phenylether	1300	U
100-01-6	4-Nitroaniline	1300	U
534-52-1	4,6-Dinitro-2-methylphenol	1300	U
86-30-6	n-Nitrosodiphenylamine	1300	U
103-33-3	Azobenzene	1300	U
101-55-3	4-Bromophenyl-phenylether	1300	U
118-74-1	Hexachlorobenzene	1300	U
87-86-5	Pentachlorophenol	1300	U
85-01-8	Phenanthrene	1300	U
120-12-7	Anthracene	1300	U
84-74-2	Di-n-butylphthalate	1100	JB
206-44-0	Fluoranthene	270	J
92-87-5	Benzidine	1300	U
129-00-0	Pyrene	200	J
85-68-7	Butylbenzylphthalate	1300	U
56-55-3	Benzo[a]anthracene	160	J
91-94-1	3,3'-Dichlorobenzidine	1300	U
218-01-9	Chrysene	250	J
117-81-7	bis(2-Ethylhexyl)phthalate	170	J
117-84-0	Di-n-octylphthalate	1300	U
205-99-2	Benzo[b]fluoranthene	170	J
207-08-9	Benzo[k]fluoranthene	170	J
50-32-8	Benzo[a]pyrene	170	J
193-39-5	Indeno[1,2,3-cd]pyrene	1300	U
53-70-3	Dibenz[a,h]anthracene	1300	U
191-24-2	Benzo[g,h,i]perylene	1300	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

M-8 28BB

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4357 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4357.02

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA02309.D

Level: (low/med) LOW Date Received: 3/18/99

% Moisture: 22.19 decanted: (Y/N) N Date Extracted: 3/19/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/24/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 6 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000100-52-7	Benzaldehyde	6.13	1100	JN
2. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.24	2200	JN
3.	unknown	21.86	2000	J
4.	unknown	22.34	7100	J
5. 001740-19-8	1-Phenanthrenecarboxylic acid, 1	22.60	3600	JN
6. 074685-33-9	3-Eicosene, (E)-	23.74	5100	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 29CC

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4357 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4357.04

Sample wt/vol: 10.24 (g/ml) G Lab File ID: BNA02310.D

Level: (low/med) LOW Date Received: 3/18/99

% Moisture: 14.3 decanted:(Y/N) N Date Extracted: 3/19/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/24/99

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	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

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 29CC

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4357 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4357.04

Sample wt/vol: 10.24 (g/ml) G Lab File ID: BNA02310.D

Level: (low/med) LOW Date Received: 3/18/99

% Moisture: 14.3 decanted:(Y/N) N Date Extracted: 3/19/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/24/99

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	200	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	130	JB
206-44-0	Fluoranthene	260	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	250	J
85-68-7	Butylbenzylphthalate	160	J
56-55-3	Benzo[a]anthracene	140	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	340	J
117-81-7	bis(2-Ethylhexyl)phthalate	470	J
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	150	J
207-08-9	Benzo[k]fluoranthene	150	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.

M-8 29CC

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4357 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4357.04

Sample wt/vol: 10.24 (g/ml) G Lab File ID: BNA02310.D

Level: (low/med) LOW Date Received: 3/18/99

% Moisture: 14.3 decanted: (Y/N) N Date Extracted: 3/19/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/24/99

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. 000629-96-9	1-Eicosanol	23.73	3600	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 30DD

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4357 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4357.06

Sample wt/vol: 10.22 (g/ml) G Lab File ID: BNA02308.D

Level: (low/med) LOW Date Received: 3/18/99

% Moisture: 11.93 decanted:(Y/N) N Date Extracted: 3/19/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/24/99

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	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

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 30DD

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4357 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4357.06

Sample wt/vol: 10.22 (g/ml) G Lab File ID: BNA02308.D

Level: (low/med) LOW Date Received: 3/18/99

% Moisture: 11.93 decanted:(Y/N) N Date Extracted: 3/19/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/24/99

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	400	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.

M-8 30DD

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4357 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4357.06

Sample wt/vol: 10.22 (g/ml) G Lab File ID: BNA02308.D

Level: (low/med) LOW Date Received: 3/18/99

% Moisture: 11.93 decanted: (Y/N) N Date Extracted: 3/19/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/24/99

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. 001454-84-8	1-Nonadecanol	23.72	3700	JN
2. 006971-40-0	17-Pentatriacontene	25.24	920	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 31EE

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4357 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4357.08

Sample wt/vol: 10.28 (g/ml) G Lab File ID: BNA02324.D

Level: (low/med) LOW Date Received: 3/18/99

% Moisture: 16.65 decanted:(Y/N) N Date Extracted: 3/19/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/25/99

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

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 31EE

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4357 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4357.08

Sample wt/vol: 10.28 (g/ml) G Lab File ID: BNA02324.D

Level: (low/med) LOW Date Received: 3/18/99

% Moisture: 16.65 decanted:(Y/N) N Date Extracted: 3/19/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/25/99

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	140	J
120-12-7	Anthracene	1200	U
84-74-2	Di-n-butylphthalate	130	JB
206-44-0	Fluoranthene	280	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	170	J
91-94-1	3,3'-Dichlorobenzidine	1200	U
218-01-9	Chrysene	290	J
117-81-7	bis(2-Ethylhexyl)phthalate	160	J
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo[b]fluoranthene	200	J
207-08-9	Benzo[k]fluoranthene	240	J
50-32-8	Benzo[a]pyrene	180	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.

M-8 31EE

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4357 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4357.08

Sample wt/vol: 10.28 (g/ml) G Lab File ID: BNA02324.D

Level: (low/med) LOW Date Received: 3/18/99

% Moisture: 16.65 decanted: (Y/N) N Date Extracted: 3/19/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/25/99

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. 001454-84-8	1-Nonadecanol	23.73	2800	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 32FF

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4357 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4357.10

Sample wt/vol: 10.17 (g/ml) G Lab File ID: BNA02316.D

Level: (low/med) LOW Date Received: 3/18/99

% Moisture: 14.75 decanted:(Y/N) N Date Extracted: 3/19/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/25/99

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

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 32FF

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4357 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4357.10

Sample wt/vol: 10.17 (g/ml) G Lab File ID: BNA02316.D

Level: (low/med) LOW Date Received: 3/18/99

% Moisture: 14.75 decanted:(Y/N) N Date Extracted: 3/19/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/25/99

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	390	JB
206-44-0	Fluoranthene	270	J
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	270	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	320	J
117-81-7	bis(2-Ethylhexyl)phthalate	120	J
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo[b]fluoranthene	190	J
207-08-9	Benzo[k]fluoranthene	210	J
50-32-8	Benzo[a]pyrene	190	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	150	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

M-8 32FF

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4357 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4357.10

Sample wt/vol: 10.17 (g/ml) G Lab File ID: BNA02316.D

Level: (low/med) LOW Date Received: 3/18/99

% Moisture: 14.75 decanted: (Y/N) N Date Extracted: 3/19/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/25/99

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. 006765-39-5	1-Heptadecene	23.71	2900	JN
2. 014021-23-9	D-Friedoolean-14-ene, 3-methoxy	28.92	1300	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 33GG

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4357 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4357.12

Sample wt/vol: 10.04 (g/ml) G Lab File ID: BNA02357.D

Level: (low/med) LOW Date Received: 3/18/99

% Moisture: 30.2 decanted:(Y/N) N Date Extracted: 3/19/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/1/99

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	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	170	J
606-20-2	2,6-Dinitrotoluene	1400	U
99-09-2	3-Nitroaniline	1400	U

1C

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 33GG

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4357 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4357.12

Sample wt/vol: 10.04 (g/ml) G Lab File ID: BNA02357.D

Level: (low/med) LOW Date Received: 3/18/99

% Moisture: 30.2 decanted:(Y/N) N Date Extracted: 3/19/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/1/99

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	1400	U
51-28-5	2,4-Dinitrophenol	1400	U
132-64-9	Dibenzofuran	1400	U
100-02-7	4-Nitrophenol	1400	U
121-14-2	2,4-Dinitrotoluene	1400	U
84-66-2	Diethylphthalate	1400	U
86-73-7	Fluorene	1400	U
7005-72-3	4-Chlorophenyl-phenylether	1400	U
100-01-6	4-Nitroaniline	1400	U
534-52-1	4,6-Dinitro-2-methylphenol	1400	U
86-30-6	n-Nitrosodiphenylamine	1400	U
103-33-3	Azobenzene	1400	U
101-55-3	4-Bromophenyl-phenylether	1400	U
118-74-1	Hexachlorobenzene	1400	U
87-86-5	Pentachlorophenol	1400	U
85-01-8	Phenanthrene	760	J
120-12-7	Anthracene	1400	U
84-74-2	Di-n-butylphthalate	850	JB
206-44-0	Fluoranthene	550	J
92-87-5	Benzidine	1400	U
129-00-0	Pyrene	990	J
85-68-7	Butylbenzylphthalate	1400	U
56-55-3	Benzo[a]anthracene	400	J
91-94-1	3,3'-Dichlorobenzidine	1400	U
218-01-9	Chrysene	810	J
117-81-7	bis(2-Ethylhexyl)phthalate	250	J
117-84-0	Di-n-octylphthalate	1400	U
205-99-2	Benzo[b]fluoranthene	230	J
207-08-9	Benzo[k]fluoranthene	310	J
50-32-8	Benzo[a]pyrene	320	J
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.

M-8 33GG

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4357 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4357.12

Sample wt/vol: 10.04 (g/ml) G Lab File ID: BNA02357.D

Level: (low/med) LOW Date Received: 3/18/99

% Moisture: 30.2 decanted: (Y/N) N Date Extracted: 3/19/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/1/99

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. 000084-64-0	1,2-Benzenedicarboxylic acid, but	20.27	2000	JN
2. 000057-10-3	Hexadecanoic acid	21.12	1500	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 34HH

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4357 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4357.14

Sample wt/vol: 10.12 (g/ml) G Lab File ID: BNA02317.D

Level: (low/med) LOW Date Received: 3/18/99

% Moisture: 13.88 decanted:(Y/N) N Date Extracted: 3/19/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/25/99

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	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

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 34HH

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4357 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4357.14

Sample wt/vol: 10.12 (g/ml) G Lab File ID: BNA02317.D

Level: (low/med) LOW Date Received: 3/18/99

% Moisture: 13.88 decanted:(Y/N) N Date Extracted: 3/19/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/25/99

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	180	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	140	JB
206-44-0	Fluoranthene	1500	
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	370	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	910	J
117-81-7	bis(2-Ethylhexyl)phthalate	170	J
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	350	J
207-08-9	Benzo[k]fluoranthene	280	J
50-32-8	Benzo[a]pyrene	240	J
193-39-5	Indeno[1,2,3-cd]pyrene	160	J
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	180	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

M-8 34HH

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4357 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4357.14

Sample wt/vol: 10.12 (g/ml) G Lab File ID: BNA02317.D

Level: (low/med) LOW Date Received: 3/18/99

% Moisture: 13.88 decanted: (Y/N) N Date Extracted: 3/19/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/25/99

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. 001454-84-8	1-Nonadecanol	23.72	3500	JN
2. 000295-65-8	Cyclohexadecane	25.24	2900	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 35II

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4357 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4357.16

Sample wt/vol: 10.05 (g/ml) G Lab File ID: BNA02318.D

Level: (low/med) LOW Date Received: 3/18/99

% Moisture: 16 decanted:(Y/N) N Date Extracted: 3/19/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/25/99

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

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 35II

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4357 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4357.16

Sample wt/vol: 10.05 (g/ml) G Lab File ID: BNA02318.D

Level: (low/med) LOW Date Received: 3/18/99

% Moisture: 16 decanted:(Y/N) N Date Extracted: 3/19/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/25/99

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	160	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.

M-8 35II

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4357 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4357.16

Sample wt/vol: 10.05 (g/ml) G Lab File ID: BNA02318.D

Level: (low/med) LOW Date Received: 3/18/99

% Moisture: 16 decanted: (Y/N) N Date Extracted: 3/19/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/25/99

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. 001454-84-8	1-Nonadecanol	23.72	3700	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 36JJ

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4357 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4357.18

Sample wt/vol: 10.18 (g/ml) G Lab File ID: BNA02319.D

Level: (low/med) LOW Date Received: 3/18/99

% Moisture: 17.05 decanted:(Y/N) N Date Extracted: 3/19/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/25/99

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

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 36JJ

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4357 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4357.18

Sample wt/vol: 10.18 (g/ml) G Lab File ID: BNA02319.D

Level: (low/med) LOW Date Received: 3/18/99

% Moisture: 17.05 decanted:(Y/N) N Date Extracted: 3/19/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/25/99

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	420	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.

M-8 36JJ

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4357 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4357.18

Sample wt/vol: 10.18 (g/ml) G Lab File ID: BNA02319.D

Level: (low/med) LOW Date Received: 3/18/99

% Moisture: 17.05 decanted: (Y/N) N Date Extracted: 3/19/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/25/99

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	23.72	3300	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 37KK

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4357 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4357.20

Sample wt/vol: 10.22 (g/ml) G Lab File ID: BNA02320.D

Level: (low/med) LOW Date Received: 3/18/99

% Moisture: 17.31 decanted:(Y/N) N Date Extracted: 3/19/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/25/99

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

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 37KK

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4357 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4357.20

Sample wt/vol: 10.22 (g/ml) G Lab File ID: BNA02320.D

Level: (low/med) LOW Date Received: 3/18/99

% Moisture: 17.31 decanted:(Y/N) N Date Extracted: 3/19/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/25/99

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	530	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.

M-8 37KK

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4357 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4357.20

Sample wt/vol: 10.22 (g/ml) G Lab File ID: BNA02320.D

Level: (low/med) LOW Date Received: 3/18/99

% Moisture: 17.31 decanted: (Y/N) N Date Extracted: 3/19/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/25/99

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. 001454-84-8	1-Nonadecanol	23.72	3900	JN
2. 006624-79-9	1-Dotriacontanol	25.24	1000	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 38LL

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4357 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4357.22

Sample wt/vol: 10.18 (g/ml) G Lab File ID: BNA02368.D

Level: (low/med) LOW Date Received: 3/18/99

% Moisture: 19.71 decanted:(Y/N) N Date Extracted: 3/26/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/5/99

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

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 38LL

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4357 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4357.22

Sample wt/vol: 10.18 (g/ml) G Lab File ID: BNA02368.D

Level: (low/med) LOW Date Received: 3/18/99

% Moisture: 19.71 decanted:(Y/N) N Date Extracted: 3/26/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/5/99

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	U
206-44-0	Fluoranthene	140	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	130	J
91-94-1	3,3'-Dichlorobenzidine	1200	U
218-01-9	Chrysene	200	J
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.

M-8 38LL

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4357 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4357.22

Sample wt/vol: 10.18 (g/ml) G Lab File ID: BNA02368.D

Level: (low/med) LOW Date Received: 3/18/99

% Moisture: 19.71 decanted: (Y/N) N Date Extracted: 3/26/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/5/99

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. 010544-50-0	Sulfur, mol. (S8)	22.22	1500	JN
2. 000593-45-3	Octadecane	27.24	1600	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 39MM

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4357 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4357.24

Sample wt/vol: 10.09 (g/ml) G Lab File ID: BNA02369.D

Level: (low/med) LOW Date Received: 3/18/99

% Moisture: 18.29 decanted:(Y/N) N Date Extracted: 3/26/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/5/99

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

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 39MM

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4357 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4357.24

Sample wt/vol: 10.09 (g/ml) G Lab File ID: BNA02369.D

Level: (low/med) LOW Date Received: 3/18/99

% Moisture: 18.29 decanted:(Y/N) N Date Extracted: 3/26/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/5/99

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	370	JB
206-44-0	Fluoranthene	420	J
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	360	J
85-68-7	Butylbenzylphthalate	1200	U
56-55-3	Benzo[a]anthracene	210	J
91-94-1	3,3'-Dichlorobenzidine	1200	U
218-01-9	Chrysene	480	J
117-81-7	bis(2-Ethylhexyl)phthalate	160	J
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo[b]fluoranthene	150	J
207-08-9	Benzo[k]fluoranthene	150	J
50-32-8	Benzo[a]pyrene	220	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.

M-8 39MM

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4357 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4357.24

Sample wt/vol: 10.09 (g/ml) G Lab File ID: BNA02369.D

Level: (low/med) LOW Date Received: 3/18/99

% Moisture: 18.29 decanted: (Y/N) N Date Extracted: 3/26/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/5/99

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	20.26	4800	JN
2. 000057-10-3	Hexadecanoic acid	21.12	6600	JN
3.	unknown	22.63	1000	J

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 40NN

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4357 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4357.26

Sample wt/vol: 10.29 (g/ml) G Lab File ID: BNA02359.D

Level: (low/med) LOW Date Received: 3/18/99

% Moisture: 30.43 decanted:(Y/N) N Date Extracted: 3/19/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/1/99

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	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	1200	J
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

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 40NN

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4357 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4357.26

Sample wt/vol: 10.29 (g/ml) G Lab File ID: BNA02359.D

Level: (low/med) LOW Date Received: 3/18/99

% Moisture: 30.43 decanted:(Y/N) N Date Extracted: 3/19/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/1/99

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	1400	U
51-28-5	2,4-Dinitrophenol	1400	U
132-64-9	Dibenzofuran	1400	U
100-02-7	4-Nitrophenol	1400	U
121-14-2	2,4-Dinitrotoluene	1400	U
84-66-2	Diethylphthalate	1400	U
86-73-7	Fluorene	1400	U
7005-72-3	4-Chlorophenyl-phenylether	1400	U
100-01-6	4-Nitroaniline	1400	U
534-52-1	4,6-Dinitro-2-methylphenol	1400	U
86-30-6	n-Nitrosodiphenylamine	1400	U
103-33-3	Azobenzene	1400	U
101-55-3	4-Bromophenyl-phenylether	1400	U
118-74-1	Hexachlorobenzene	1400	U
87-86-5	Pentachlorophenol	1400	U
85-01-8	Phenanthrene	1400	U
120-12-7	Anthracene	1400	U
84-74-2	Di-n-butylphthalate	170	JB
206-44-0	Fluoranthene	470	J
92-87-5	Benzidine	1400	U
129-00-0	Pyrene	640	J
85-68-7	Butylbenzylphthalate	1400	U
56-55-3	Benzo[a]anthracene	400	J
91-94-1	3,3'-Dichlorobenzidine	1400	U
218-01-9	Chrysene	660	J
117-81-7	bis(2-Ethylhexyl)phthalate	500	J
117-84-0	Di-n-octylphthalate	1400	U
205-99-2	Benzo[b]fluoranthene	430	J
207-08-9	Benzo[k]fluoranthene	430	J
50-32-8	Benzo[a]pyrene	390	J
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.

M-8 40NN

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4357 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4357.26

Sample wt/vol: 10.29 (g/ml) G Lab File ID: BNA02359.D

Level: (low/med) LOW Date Received: 3/18/99

% Moisture: 30.43 decanted: (Y/N) N Date Extracted: 3/19/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/1/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 5 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	9.17	1500	J
2.	unknown	10.08	1600	J
3.	unknown	21.44	1300	J
4.	unknown	21.90	3500	J
5.	unknown	22.65	4300	J

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 4100

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4357 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4357.28

Sample wt/vol: 10.25 (g/ml) G Lab File ID: BNA02321.D

Level: (low/med) LOW Date Received: 3/18/99

% Moisture: 18.33 decanted:(Y/N) N Date Extracted: 3/19/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/25/99

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

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 4100

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4357 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4357.28

Sample wt/vol: 10.25 (g/ml) G Lab File ID: BNA02321.D

Level: (low/med) LOW Date Received: 3/18/99

% Moisture: 18.33 decanted:(Y/N) N Date Extracted: 3/19/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/25/99

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	120	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	190	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.

M-8 4100

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4357 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4357.28

Sample wt/vol: 10.25 (g/ml) G Lab File ID: BNA02321.D

Level: (low/med) LOW Date Received: 3/18/99

% Moisture: 18.33 decanted: (Y/N) N Date Extracted: 3/19/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/25/99

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. 001454-84-8	1-Nonadecanol	23.71	3300	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 42PP

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4357 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4357.30

Sample wt/vol: 10.17 (g/ml) G Lab File ID: BNA02358.D

Level: (low/med) LOW Date Received: 3/18/99

% Moisture: 28.42 decanted:(Y/N) N Date Extracted: 3/19/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/1/99

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	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	200	J
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

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

M-8 42PP

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4357 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4357.30

Sample wt/vol: 10.17 (g/ml) G Lab File ID: BNA02358.D

Level: (low/med) LOW Date Received: 3/18/99

% Moisture: 28.42 decanted:(Y/N) N Date Extracted: 3/19/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/1/99

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	1400	U
51-28-5	2,4-Dinitrophenol	1400	U
132-64-9	Dibenzofuran	1400	U
100-02-7	4-Nitrophenol	1400	U
121-14-2	2,4-Dinitrotoluene	1400	U
84-66-2	Diethylphthalate	1400	U
86-73-7	Fluorene	1400	U
7005-72-3	4-Chlorophenyl-phenylether	1400	U
100-01-6	4-Nitroaniline	1400	U
534-52-1	4,6-Dinitro-2-methylphenol	1400	U
86-30-6	n-Nitrosodiphenylamine	1400	U
103-33-3	Azobenzene	1400	U
101-55-3	4-Bromophenyl-phenylether	1400	U
118-74-1	Hexachlorobenzene	1400	U
87-86-5	Pentachlorophenol	1400	U
85-01-8	Phenanthrene	140	J
120-12-7	Anthracene	1400	U
84-74-2	Di-n-butylphthalate	470	JB
206-44-0	Fluoranthene	190	J
92-87-5	Benzidine	1400	U
129-00-0	Pyrene	230	J
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	200	J
117-81-7	bis(2-Ethylhexyl)phthalate	660	J
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.

M-8 42PP

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4357 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4357.30

Sample wt/vol: 10.17 (g/ml) G Lab File ID: BNA02358.D

Level: (low/med) LOW Date Received: 3/18/99

% Moisture: 28.42 decanted: (Y/N) N Date Extracted: 3/19/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/1/99

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. 000483-65-8	Phenanthrene, 1-methyl-7-(1-met	23.73	2300	JN
2. 027519-02-4	9-Tricosene, (Z)-	25.74	5500	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-43

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4372 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4372.02

Sample wt/vol: 10.29 (g/ml) G Lab File ID: BNA02371.D

Level: (low/med) LOW Date Received: 3/26/99

% Moisture: 14.46 decanted:(Y/N) N Date Extracted: 3/30/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/5/99

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	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

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-43

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4372 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4372.02

Sample wt/vol: 10.29 (g/ml) G Lab File ID: BNA02371.D

Level: (low/med) LOW Date Received: 3/26/99

% Moisture: 14.46 decanted:(Y/N) N Date Extracted: 3/30/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/5/99

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	170	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	810	JB
206-44-0	Fluoranthene	390	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	340	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	250	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	450	J
117-81-7	bis(2-Ethylhexyl)phthalate	150	J
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	260	J
207-08-9	Benzo[k]fluoranthene	250	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	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-43

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4372 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4372.02

Sample wt/vol: 10.29 (g/ml) G Lab File ID: BNA02371.D

Level: (low/med) LOW Date Received: 3/26/99

% Moisture: 14.46 decanted: (Y/N) N Date Extracted: 3/30/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/5/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 10 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000080-56-8	.alpha.-Pinene	7.56	1300	JN
2. 005989-27-5	D-Limonene	9.30	1300	JN
3. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	20.27	1700	JN
4.	unknown	21.78	2700	J
5.	unknown	23.32	1600	J
6.	unknown	23.79	1900	J
7.	unknown	24.07	2200	J
8.	unknown	24.43	8100	J
9. 001740-19-8	1-Phenanthrenecarboxylic acid, 1	24.75	4500	JN
10.	unknown	28.59	4500	J

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-44

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4372 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4372.04

Sample wt/vol: 10.72 (g/ml) G Lab File ID: BN02969.D

Level: (low/med) LOW Date Received: 3/26/99

% Moisture: 10.28 decanted:(Y/N) N Date Extracted: 3/30/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/2/99

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	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

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-44

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4372 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4372.04

Sample wt/vol: 10.72 (g/ml) G Lab File ID: BN02969.D

Level: (low/med) LOW Date Received: 3/26/99

% Moisture: 10.28 decanted:(Y/N) N Date Extracted: 3/30/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/2/99

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	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	790	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	130	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-44

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4372 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4372.04

Sample wt/vol: 10.72 (g/ml) G Lab File ID: BN02969.D

Level: (low/med) LOW Date Received: 3/26/99

% Moisture: 10.28 decanted: (Y/N) N Date Extracted: 3/30/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/2/99

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	1500	JN
2. 001454-84-8	1-Nonadecanol	23.86	2400	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-45

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4372 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4372.06

Sample wt/vol: 10.95 (g/ml) G Lab File ID: BNA02391.D

Level: (low/med) LOW Date Received: 3/26/99

% Moisture: 16.54 decanted:(Y/N) N Date Extracted: 3/30/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/6/99

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	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	150	J
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-45

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4372 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4372.06

Sample wt/vol: 10.95 (g/ml) G Lab File ID: BNA02391.D

Level: (low/med) LOW Date Received: 3/26/99

% Moisture: 16.54 decanted:(Y/N) N Date Extracted: 3/30/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/6/99

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	540	J
120-12-7	Anthracene	210	J
84-74-2	Di-n-butylphthalate	630	JB
206-44-0	Fluoranthene	1100	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1200	
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	580	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1000	J
117-81-7	bis(2-Ethylhexyl)phthalate	410	J
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	560	J
207-08-9	Benzo[k]fluoranthene	530	J
50-32-8	Benzo[a]pyrene	640	J
193-39-5	Indeno[1,2,3-cd]pyrene	220	J
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	250	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-45

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4372 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4372.06

Sample wt/vol: 10.95 (g/ml) G Lab File ID: BNA02391.D

Level: (low/med) LOW Date Received: 3/26/99

% Moisture: 16.54 decanted: (Y/N) N Date Extracted: 3/30/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/6/99

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	20.28	1000	JN
2. 074685-30-6	5-Eicosene, (E)-	25.74	2500	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-46

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4372 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4372.08

Sample wt/vol: 10.67 (g/ml) G Lab File ID: BNA02392.D

Level: (low/med) LOW Date Received: 3/26/99

% Moisture: 12.21 decanted:(Y/N) N Date Extracted: 3/30/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/6/99

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	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

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-46

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4372 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4372.08

Sample wt/vol: 10.67 (g/ml) G Lab File ID: BNA02392.D

Level: (low/med) LOW Date Received: 3/26/99

% Moisture: 12.21 decanted:(Y/N) N Date Extracted: 3/30/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/6/99

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	360	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	450	JB
206-44-0	Fluoranthene	460	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	490	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	250	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	480	J
117-81-7	bis(2-Ethylhexyl)phthalate	190	J
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	260	J
207-08-9	Benzo[k]fluoranthene	220	J
50-32-8	Benzo[a]pyrene	250	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-46

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4372 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4372.08

Sample wt/vol: 10.67 (g/ml) G Lab File ID: BNA02392.D

Level: (low/med) LOW Date Received: 3/26/99

% Moisture: 12.21 decanted: (Y/N) N Date Extracted: 3/30/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/6/99

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.	unknown	22.66	1300	J
2. 018435-45-5	1-Nonadecene	25.75	2000	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-47

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4372 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4372.10

Sample wt/vol: 10.23 (g/ml) G Lab File ID: BNA02393.D

Level: (low/med) LOW Date Received: 3/26/99

% Moisture: 20.45 decanted:(Y/N) N Date Extracted: 3/30/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/6/99

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

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-47

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4372 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4372.10

Sample wt/vol: 10.23 (g/ml) G Lab File ID: BNA02393.D

Level: (low/med) LOW Date Received: 3/26/99

% Moisture: 20.45 decanted:(Y/N) N Date Extracted: 3/30/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/6/99

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	390	JB
206-44-0	Fluoranthene	1200	U
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	170	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	280	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-47

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4372 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4372.10

Sample wt/vol: 10.23 (g/ml) G Lab File ID: BNA02393.D

Level: (low/med) LOW Date Received: 3/26/99

% Moisture: 20.45 decanted: (Y/N) N Date Extracted: 3/30/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/6/99

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. 006765-39-5	1-Heptadecene	25.74	2100	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-48

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4372 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4372.12

Sample wt/vol: 10.13 (g/ml) G Lab File ID: BNA02394.D

Level: (low/med) LOW Date Received: 3/26/99

% Moisture: 14.97 decanted:(Y/N) N Date Extracted: 3/30/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/6/99

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

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-48

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4372 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4372.12

Sample wt/vol: 10.13 (g/ml) G Lab File ID: BNA02394.D

Level: (low/med) LOW Date Received: 3/26/99

% Moisture: 14.97 decanted:(Y/N) N Date Extracted: 3/30/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/6/99

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	220	JB
206-44-0	Fluoranthene	210	J
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	360	J
85-68-7	Butylbenzylphthalate	160	J
56-55-3	Benzo[a]anthracene	200	J
91-94-1	3,3'-Dichlorobenzidine	1200	U
218-01-9	Chrysene	440	J
117-81-7	bis(2-Ethylhexyl)phthalate	260	J
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo[b]fluoranthene	230	J
207-08-9	Benzo[k]fluoranthene	210	J
50-32-8	Benzo[a]pyrene	210	J
193-39-5	Indeno[1,2,3-cd]pyrene	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-48

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4372 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4372.12

Sample wt/vol: 10.13 (g/ml) G Lab File ID: BNA02394.D

Level: (low/med) LOW Date Received: 3/26/99

% Moisture: 14.97 decanted: (Y/N) N Date Extracted: 3/30/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/6/99

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. 003187-58-4	Benzoic acid, 2,4-dihydroxy-6-me	18.12	2500	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-49

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4376.02

Sample wt/vol: 10.46 (g/ml) G Lab File ID: BNA02395.D

Level: (low/med) LOW Date Received: 3/29/99

% Moisture: 38 decanted:(Y/N) N Date Extracted: 3/30/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/6/99

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	1500	U
62-75-9	N-nitroso-dimethylamine	1500	U
62-53-3	Aniline	1500	U
108-95-2	Phenol	1500	U
111-44-4	bis(2-Chloroethyl)ether	1500	U
95-57-8	2-Chlorophenol	1500	U
541-73-1	1,3-Dichlorobenzene	1500	U
106-46-7	1,4-Dichlorobenzene	1500	U
100-51-6	Benzyl alcohol	1500	U
95-50-1	1,2-Dichlorobenzene	1500	U
	2-Methylphenol	1500	U
108-60-1	bis(2-chloroisopropyl)ether	1500	U
	4-Methylphenol	1500	U
621-64-7	n-Nitroso-di-n-propylamine	1500	U
67-72-1	Hexachloroethane	1500	U
98-95-3	Nitrobenzene	1500	U
78-59-1	Isophorone	1500	U
88-75-5	2-Nitrophenol	1500	U
105-67-9	2,4-Dimethylphenol	1500	U
111-91-1	bis(2-Chloroethoxy)methane	1500	U
120-83-2	2,4-Dichlorophenol	1500	U
65-85-0	Benzoic Acid	1500	U
120-82-1	1,2,4-Trichlorobenzene	1500	U
91-20-3	Naphthalene	1500	U
106-47-8	4-Chloroaniline	1500	U
87-68-3	Hexachlorobutadiene	1500	U
59-50-7	4-Chloro-3-methylphenol	1500	U
91-57-6	2-Methylnaphthalene	1500	U
77-47-4	Hexachlorocyclopentadiene	1500	U
88-06-2	2,4,6-Trichlorophenol	1500	U
	2,4,5-Trichlorophenol	1500	U
91-58-7	2-Chloronaphthalene	1500	U
88-74-4	2-Nitroaniline	1500	U
131-11-3	Dimethylphthalate	1500	U
208-96-8	Acenaphthylene	1500	U
606-20-2	2,6-Dinitrotoluene	1500	U
99-09-2	3-Nitroaniline	1500	U

1C

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-49

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4376.02

Sample wt/vol: 10.46 (g/ml) G Lab File ID: BNA02395.D

Level: (low/med) LOW Date Received: 3/29/99

% Moisture: 38 decanted:(Y/N) N Date Extracted: 3/30/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/6/99

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	1500 U
51-28-5	2,4-Dinitrophenol	1500 U
132-64-9	Dibenzofuran	1500 U
100-02-7	4-Nitrophenol	1500 U
121-14-2	2,4-Dinitrotoluene	1500 U
84-66-2	Diethylphthalate	1500 U
86-73-7	Fluorene	1500 U
7005-72-3	4-Chlorophenyl-phenylether	1500 U
100-01-6	4-Nitroaniline	1500 U
534-52-1	4,6-Dinitro-2-methylphenol	1500 U
86-30-6	n-Nitrosodiphenylamine	1500 U
103-33-3	Azobenzene	1500 U
101-55-3	4-Bromophenyl-phenylether	1500 U
118-74-1	Hexachlorobenzene	1500 U
87-86-5	Pentachlorophenol	1500 U
85-01-8	Phenanthrene	1500 U
120-12-7	Anthracene	650 JB
84-74-2	Di-n-butylphthalate	1500 U
206-44-0	Fluoranthene	1500 U
92-87-5	Benzidine	340 J
129-00-0	Pyrene	1500 U
85-68-7	Butylbenzylphthalate	1500 U
56-55-3	Benzo[a]anthracene	1500 U
91-94-1	3,3'-Dichlorobenzidine	350 J
218-01-9	Chrysene	370 J
117-81-7	bis(2-Ethylhexyl)phthalate	1500 U
117-84-0	Di-n-octylphthalate	1500 U
205-99-2	Benzo[b]fluoranthene	1500 U
207-08-9	Benzo[k]fluoranthene	1500 U
50-32-8	Benzo[a]pyrene	1500 U
193-39-5	Indeno[1,2,3-cd]pyrene	1500 U
53-70-3	Dibenz[a,h]anthracene	1500 U
191-24-2	Benzo[g,h,i]perylene	1500 U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-49

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4376.02

Sample wt/vol: 10.46 (g/ml) G Lab File ID: BNA02395.D

Level: (low/med) LOW Date Received: 3/29/99

% Moisture: 38 decanted: (Y/N) N Date Extracted: 3/30/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/6/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 0 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-50

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4376.04

Sample wt/vol: 10.74 (g/ml) G Lab File ID: BNA02389.D

Level: (low/med) LOW Date Received: 3/29/99

% Moisture: 20.63 decanted:(Y/N) N Date Extracted: 3/30/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/6/99

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

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-50

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4376.04

Sample wt/vol: 10.74 (g/ml) G Lab File ID: BNA02389.D

Level: (low/med) LOW Date Received: 3/29/99

% Moisture: 20.63 decanted:(Y/N) N Date Extracted: 3/30/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/6/99

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	190	J
120-12-7	Anthracene	1200	U
84-74-2	Di-n-butylphthalate	260	JB
206-44-0	Fluoranthene	290	J
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	410	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	400	J
117-81-7	bis(2-Ethylhexyl)phthalate	150	J
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo[b]fluoranthene	180	J
207-08-9	Benzo[k]fluoranthene	180	J
50-32-8	Benzo[a]pyrene	210	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-50

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4376.04

Sample wt/vol: 10.74 (g/ml) G Lab File ID: BNA02389.D

Level: (low/med) LOW Date Received: 3/29/99

% Moisture: 20.63 decanted: (Y/N) N Date Extracted: 3/30/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/6/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-51

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4376 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4376.06

Sample wt/vol: 10.76 (g/ml) G Lab File ID: BN02970.D

Level: (low/med) LOW Date Received: 3/29/99

% Moisture: 15.17 decanted:(Y/N) N Date Extracted: 3/30/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/2/99

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	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

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-51

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4376.06

Sample wt/vol: 10.76 (g/ml) G Lab File ID: BN02970.D

Level: (low/med) LOW Date Received: 3/29/99

% Moisture: 15.17 decanted:(Y/N) N Date Extracted: 3/30/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/2/99

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	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	150	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-51

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4376.06

Sample wt/vol: 10.76 (g/ml) G Lab File ID: BN02970.D

Level: (low/med) LOW Date Received: 3/29/99

% Moisture: 15.17 decanted: (Y/N) N Date Extracted: 3/30/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/2/99

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	1900	JN
2. 010544-50-0	Sulfur, mol. (S8)	20.13	1200	JN
3. 001454-84-8	1-Nonadecanol	23.85	2900	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-52

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4376 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4376.08

Sample wt/vol: 10.98 (g/ml) G Lab File ID: BNA02385.D

Level: (low/med) LOW Date Received: 3/29/99

% Moisture: 17.16 decanted:(Y/N) N Date Extracted: 3/30/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/6/99

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	350	J
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	230	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	360	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	180	J
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-52

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4376.08

Sample wt/vol: 10.98 (g/ml) G Lab File ID: BNA02385.D

Level: (low/med) LOW Date Received: 3/29/99

% Moisture: 17.16 decanted:(Y/N) N Date Extracted: 3/30/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/6/99

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	170	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	880	J
120-12-7	Anthracene	140	J
84-74-2	Di-n-butylphthalate	590	JB
206-44-0	Fluoranthene	530	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	880	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	360	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	730	J
117-81-7	bis(2-Ethylhexyl)phthalate	340	J
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	190	J
207-08-9	Benzo[k]fluoranthene	200	J
50-32-8	Benzo[a]pyrene	310	J
193-39-5	Indeno[1,2,3-cd]pyrene	170	J
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	240	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-52

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4376.08

Sample wt/vol: 10.98 (g/ml) G Lab File ID: BNA02385.D

Level: (low/med) LOW Date Received: 3/29/99

% Moisture: 17.16 decanted: (Y/N) N Date Extracted: 3/30/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/6/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 15 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000112-40-3	Dodecane	11.99	1300	JN
2.	unknown	13.04	980	J
3. 000629-50-5	Tridecane	13.43	1700	JN
4. 000629-59-4	Tetradecane	14.78	970	JN
5.	unknown	17.19	1400	J
6. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	20.27	1100	JN
7.	unknown	22.65	2100	J
8. 007396-38-5	Phenanthrene, 2,4,5,7-tetramethy	23.75	5500	JN
9. 000629-97-0	Docosane	26.51	1200	JN
10. 000629-62-9	Pentadecane	27.25	1700	JN
11. 000646-31-1	Tetracosane	27.96	1400	JN
12. 000638-67-5	Tricosane	28.64	1600	JN
13. 000112-95-8	Eicosane	29.31	1500	JN
14. 000629-94-7	Heneicosane	30.04	1900	JN
15. 000593-45-3	Octadecane	30.86	1500	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-53

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4376.10

Sample wt/vol: 10.9 (g/ml) G Lab File ID: BNA02387.D

Level: (low/med) LOW Date Received: 3/29/99

% Moisture: 16.26 decanted:(Y/N) N Date Extracted: 3/30/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/6/99

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	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

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-53

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4376.10

Sample wt/vol: 10.9 (g/ml) G Lab File ID: BNA02387.D

Level: (low/med) LOW Date Received: 3/29/99

% Moisture: 16.26 decanted:(Y/N) N Date Extracted: 3/30/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/6/99

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	130	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	140	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	1100	B
206-44-0	Fluoranthene	290	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	160	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	230	J
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	110	J
207-08-9	Benzo[k]fluoranthene	150	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

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-53

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4376.10

Sample wt/vol: 10.9 (g/ml) G Lab File ID: BNA02387.D

Level: (low/med) LOW Date Received: 3/29/99

% Moisture: 16.26 decanted: (Y/N) N Date Extracted: 3/30/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/6/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 20 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000080-56-8	.alpha.-Pinene	7.61	120000	JN
2. 000079-92-5	Camphene	7.86	4800	JN
3. 000127-91-3	.beta.-Pinene	8.39	31000	JN
4. 000535-77-3	Benzene, 1-methyl-3-(1-methylel	9.23	2300	JN
5. 005989-27-5	D-Limonene	9.30	11000	JN
6. 033675-75-1	Phenol, 3-(2-phenylethyl)-	19.96	4900	JN
7. 000084-64-0	1,2-Benzenedicarboxylic acid, but	20.27	1600	JN
8.	unknown	21.43	1200	J
9.	unknown	21.70	1100	J
10. 038754-94-8	s-Indacen-1(2H)-one, 3,5,6,7-tetr	21.90	1100	JN
11. 006554-98-9	Phenol, 4-(2-phenylethenyl)-, (E)-	22.11	19000	JN
12.	unknown	22.27	4500	J
13.	unknown	22.65	2900	J
14.	unknown	23.35	2400	J
15.	unknown	23.84	5300	J
16.	unknown	24.09	1600	J
17.	unknown	24.53	10000	J
18.	unknown	24.58	1900	J
19. 001740-19-8	1-Phenanthrenecarboxylic acid, 1	24.80	4400	JN
20.	unknown	28.79	4400	J

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-54

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4376.12

Sample wt/vol: 9.83 (g/ml) G Lab File ID: BNA02388.D

Level: (low/med) LOW Date Received: 3/29/99

% Moisture: 10.97 decanted:(Y/N) N Date Extracted: 3/30/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/6/99

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	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

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-54

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4376.12

Sample wt/vol: 9.83 (g/ml) G Lab File ID: BNA02388.D

Level: (low/med) LOW Date Received: 3/29/99

% Moisture: 10.97 decanted:(Y/N) N Date Extracted: 3/30/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/6/99

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	120	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	550	JB
206-44-0	Fluoranthene	260	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	260	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	200	J
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	120	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	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-54

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4376.12

Sample wt/vol: 9.83 (g/ml) G Lab File ID: BNA02388.D

Level: (low/med) LOW Date Received: 3/29/99

% Moisture: 10.97 decanted: (Y/N) N Date Extracted: 3/30/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/6/99

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. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	20.27	1000	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-55

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4376.14

Sample wt/vol: 10.34 (g/ml) G Lab File ID: BNA02383.D

Level: (low/med) LOW Date Received: 3/29/99

% Moisture: 18.63 decanted:(Y/N) N Date Extracted: 3/30/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/6/99

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

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-55

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4376.14

Sample wt/vol: 10.34 (g/ml) G Lab File ID: BNA02383.D

Level: (low/med) LOW Date Received: 3/29/99

% Moisture: 18.63 decanted:(Y/N) N Date Extracted: 3/30/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/6/99

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	260	JB
206-44-0	Fluoranthene	150	J
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	160	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	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: 98-0211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4376.14

Sample wt/vol: 10.34 (g/ml) G Lab File ID: BNA02383.D

Level: (low/med) LOW Date Received: 3/29/99

% Moisture: 18.63 decanted: (Y/N) N Date Extracted: 3/30/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/6/99

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	25.72	3200	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-56

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4376.16

Sample wt/vol: 10.35 (g/ml) G Lab File ID: BNA02384.D

Level: (low/med) LOW Date Received: 3/29/99

% Moisture: 15.3 decanted:(Y/N) N Date Extracted: 3/30/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/6/99

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	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

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-56

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4376.16

Sample wt/vol: 10.35 (g/ml) G Lab File ID: BNA02384.D

Level: (low/med) LOW Date Received: 3/29/99

% Moisture: 15.3 decanted:(Y/N) N Date Extracted: 3/30/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/6/99

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	230	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	1300	B
206-44-0	Fluoranthene	430	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	400	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	200	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	390	J
117-81-7	bis(2-Ethylhexyl)phthalate	220	J
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	180	J
207-08-9	Benzo[k]fluoranthene	180	J
50-32-8	Benzo[a]pyrene	190	J
193-39-5	Indeno[1,2,3-cd]pyrene	170	J
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	170	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-56

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4376.16

Sample wt/vol: 10.35 (g/ml) G Lab File ID: BNA02384.D

Level: (low/med) LOW Date Received: 3/29/99

% Moisture: 15.3 decanted: (Y/N) N Date Extracted: 3/30/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/6/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 5 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 017851-53-5	1,2-Benzenedicarboxylic acid, but	20.27	2200	JN
2. 001599-67-3	1-Docosene	27.24	1200	JN
3. 000112-95-8	Eicosane	28.63	960	JN
4. 000630-07-9	Pentatriacontane	30.03	1000	JN
5. 000629-96-9	1-Eicosanol	30.11	1000	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-57

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4376.18

Sample wt/vol: 10.03 (g/ml) G Lab File ID: BNA02386.D

Level: (low/med) LOW Date Received: 3/29/99

% Moisture: 21.64 decanted:(Y/N) N Date Extracted: 3/30/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/6/99

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	1300	U
62-75-9	N-nitroso-dimethylamine	1300	U
62-53-3	Aniline	1300	U
108-95-2	Phenol	1300	U
111-44-4	bis(2-Chloroethyl)ether	1300	U
95-57-8	2-Chlorophenol	1300	U
541-73-1	1,3-Dichlorobenzene	1300	U
106-46-7	1,4-Dichlorobenzene	1300	U
100-51-6	Benzyl alcohol	1300	U
95-50-1	1,2-Dichlorobenzene	1300	U
	2-Methylphenol	1300	U
108-60-1	bis(2-chloroisopropyl)ether	1300	U
	4-Methylphenol	1300	U
621-64-7	n-Nitroso-di-n-propylamine	1300	U
67-72-1	Hexachloroethane	1300	U
98-95-3	Nitrobenzene	1300	U
78-59-1	Isophorone	1300	U
88-75-5	2-Nitrophenol	1300	U
105-67-9	2,4-Dimethylphenol	1300	U
111-91-1	bis(2-Chloroethoxy)methane	1300	U
120-83-2	2,4-Dichlorophenol	1300	U
65-85-0	Benzoic Acid	1300	U
120-82-1	1,2,4-Trichlorobenzene	1300	U
91-20-3	Naphthalene	1300	U
106-47-8	4-Chloroaniline	1300	U
87-68-3	Hexachlorobutadiene	1300	U
59-50-7	4-Chloro-3-methylphenol	1300	U
91-57-6	2-Methylnaphthalene	1300	U
77-47-4	Hexachlorocyclopentadiene	1300	U
88-06-2	2,4,6-Trichlorophenol	1300	U
	2,4,5-Trichlorophenol	1300	U
91-58-7	2-Chloronaphthalene	1300	U
88-74-4	2-Nitroaniline	1300	U
131-11-3	Dimethylphthalate	1300	U
208-96-8	Acenaphthylene	1300	U
606-20-2	2,6-Dinitrotoluene	1300	U
99-09-2	3-Nitroaniline	1300	U

1C

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-57

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4376.18

Sample wt/vol: 10.03 (g/ml) G Lab File ID: BNA02386.D

Level: (low/med) LOW Date Received: 3/29/99

% Moisture: 21.64 decanted:(Y/N) N Date Extracted: 3/30/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/6/99

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	1300	U
51-28-5	2,4-Dinitrophenol	1300	U
132-64-9	Dibenzofuran	1300	U
100-02-7	4-Nitrophenol	1300	U
121-14-2	2,4-Dinitrotoluene	1300	U
84-66-2	Diethylphthalate	1300	U
86-73-7	Fluorene	1300	U
7005-72-3	4-Chlorophenyl-phenylether	1300	U
100-01-6	4-Nitroaniline	1300	U
534-52-1	4,6-Dinitro-2-methylphenol	1300	U
86-30-6	n-Nitrosodiphenylamine	1300	U
103-33-3	Azobenzene	1300	U
101-55-3	4-Bromophenyl-phenylether	1300	U
118-74-1	Hexachlorobenzene	1300	U
87-86-5	Pentachlorophenol	1300	U
85-01-8	Phenanthrene	290	J
120-12-7	Anthracene	1300	U
84-74-2	Di-n-butylphthalate	590	JB
206-44-0	Fluoranthene	700	J
92-87-5	Benzidine	1300	U
129-00-0	Pyrene	660	J
85-68-7	Butylbenzylphthalate	1300	U
56-55-3	Benzo[a]anthracene	400	J
91-94-1	3,3'-Dichlorobenzidine	1300	U
218-01-9	Chrysene	630	J
117-81-7	bis(2-Ethylhexyl)phthalate	1300	U
117-84-0	Di-n-octylphthalate	1300	U
205-99-2	Benzo[b]fluoranthene	310	J
207-08-9	Benzo[k]fluoranthene	280	J
50-32-8	Benzo[a]pyrene	350	J
193-39-5	Indeno[1,2,3-cd]pyrene	240	J
53-70-3	Dibenz[a,h]anthracene	1300	U
191-24-2	Benzo[g,h,i]perylene	250	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-57

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4376.18

Sample wt/vol: 10.03 (g/ml) G Lab File ID: BNA02386.D

Level: (low/med) LOW Date Received: 3/29/99

% Moisture: 21.64 decanted: (Y/N) N Date Extracted: 3/30/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/6/99

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.	unknown	19.99	3300	J
2. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	20.26	1300	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-58

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4376.20

Sample wt/vol: 10.41 (g/ml) G Lab File ID: BNA02390.D

Level: (low/med) LOW Date Received: 3/29/99

% Moisture: 52.68 decanted:(Y/N) N Date Extracted: 3/30/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/6/99

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	2000	U
62-75-9	N-nitroso-dimethylamine	2000	U
62-53-3	Aniline	2000	U
108-95-2	Phenol	2000	U
111-44-4	bis(2-Chloroethyl)ether	2000	U
95-57-8	2-Chlorophenol	2000	U
541-73-1	1,3-Dichlorobenzene	2000	U
106-46-7	1,4-Dichlorobenzene	1600	J
100-51-6	Benzyl alcohol	2000	U
95-50-1	1,2-Dichlorobenzene	2000	U
	2-Methylphenol	2000	U
108-60-1	bis(2-chloroisopropyl)ether	2000	U
	4-Methylphenol	2000	U
621-64-7	n-Nitroso-di-n-propylamine	2000	U
67-72-1	Hexachloroethane	2000	U
98-95-3	Nitrobenzene	2000	U
78-59-1	Isophorone	2000	U
88-75-5	2-Nitrophenol	2000	U
105-67-9	2,4-Dimethylphenol	2000	U
111-91-1	bis(2-Chloroethoxy)methane	2000	U
120-83-2	2,4-Dichlorophenol	2000	U
65-85-0	Benzoic Acid	2000	U
120-82-1	1,2,4-Trichlorobenzene	2000	U
91-20-3	Naphthalene	240	J
106-47-8	4-Chloroaniline	2000	U
87-68-3	Hexachlorobutadiene	2000	U
59-50-7	4-Chloro-3-methylphenol	2000	U
91-57-6	2-Methylnaphthalene	2000	U
77-47-4	Hexachlorocyclopentadiene	2000	U
88-06-2	2,4,6-Trichlorophenol	2000	U
	2,4,5-Trichlorophenol	2000	U
91-58-7	2-Chloronaphthalene	2000	U
88-74-4	2-Nitroaniline	2000	U
131-11-3	Dimethylphthalate	2000	U
208-96-8	Acenaphthylene	2000	U
606-20-2	2,6-Dinitrotoluene	2000	U
99-09-2	3-Nitroaniline	2000	U

1C

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-58

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4376.20

Sample wt/vol: 10.41 (g/ml) G Lab File ID: BNA02390.D

Level: (low/med) LOW Date Received: 3/29/99

% Moisture: 52.68 decanted:(Y/N) N Date Extracted: 3/30/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/6/99

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	2000	U
51-28-5	2,4-Dinitrophenol	2000	U
132-64-9	Dibenzofuran	2000	U
100-02-7	4-Nitrophenol	2000	U
121-14-2	2,4-Dinitrotoluene	2000	U
84-66-2	Diethylphthalate	2000	U
86-73-7	Fluorene	2000	U
7005-72-3	4-Chlorophenyl-phenylether	2000	U
100-01-6	4-Nitroaniline	2000	U
534-52-1	4,6-Dinitro-2-methylphenol	2000	U
86-30-6	n-Nitrosodiphenylamine	2000	U
103-33-3	Azobenzene	2000	U
101-55-3	4-Bromophenyl-phenylether	2000	U
118-74-1	Hexachlorobenzene	2000	U
87-86-5	Pentachlorophenol	2000	U
85-01-8	Phenanthrene	220	J
120-12-7	Anthracene	2000	U
84-74-2	Di-n-butylphthalate	2500	B
206-44-0	Fluoranthene	210	J
92-87-5	Benzidine	2000	U
129-00-0	Pyrene	290	J
85-68-7	Butylbenzylphthalate	2000	U
56-55-3	Benzo[a]anthracene	2000	U
91-94-1	3,3'-Dichlorobenzidine	2000	U
218-01-9	Chrysene	290	J
117-81-7	bis(2-Ethylhexyl)phthalate	3600	
117-84-0	Di-n-octylphthalate	2000	U
205-99-2	Benzo[b]fluoranthene	2000	U
207-08-9	Benzo[k]fluoranthene	2000	U
50-32-8	Benzo[a]pyrene	2000	U
193-39-5	Indeno[1,2,3-cd]pyrene	2000	U
53-70-3	Dibenz[a,h]anthracene	2000	U
191-24-2	Benzo[g,h,i]perylene	2000	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-58

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4376.20

Sample wt/vol: 10.41 (g/ml) G Lab File ID: BNA02390.D

Level: (low/med) LOW Date Received: 3/29/99

% Moisture: 52.68 decanted: (Y/N) N Date Extracted: 3/30/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/6/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 10 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	18.78	1700	J
2. 000544-63-8	Tetradecanoic acid	19.14	7800	JN
3. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	20.28	3100	JN
4.	unknown	22.66	6800	J
5. 000593-45-3	Octadecane	24.98	6100	JN
6. 000629-97-0	Docosane	25.77	8200	JN
7.	unknown	26.18	15000	J
8. 000630-01-3	Hexacosane	26.53	8300	JN
9. 000593-49-7	Heptacosane	27.27	9100	JN
10. 000629-92-5	Nonadecane	28.66	8200	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-59

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4376.22

Sample wt/vol: 10.08 (g/ml) G Lab File ID: BN02984.D

Level: (low/med) LOW Date Received: 3/29/99

% Moisture: 23.48 decanted:(Y/N) N Date Extracted: 3/30/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/5/99

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	1300	U
62-75-9	N-nitroso-dimethylamine	1300	U
62-53-3	Aniline	1300	U
108-95-2	Phenol	1300	U
111-44-4	bis(2-Chloroethyl)ether	1300	U
95-57-8	2-Chlorophenol	1300	U
541-73-1	1,3-Dichlorobenzene	1300	U
106-46-7	1,4-Dichlorobenzene	260	J
100-51-6	Benzyl alcohol	1300	U
95-50-1	1,2-Dichlorobenzene	1300	U
	2-Methylphenol	1300	U
108-60-1	bis(2-chloroisopropyl)ether	1300	U
	4-Methylphenol	1300	U
621-64-7	n-Nitroso-di-n-propylamine	1300	U
67-72-1	Hexachloroethane	1300	U
98-95-3	Nitrobenzene	1300	U
78-59-1	Isophorone	1300	U
88-75-5	2-Nitrophenol	1300	U
105-67-9	2,4-Dimethylphenol	1300	U
111-91-1	bis(2-Chloroethoxy)methane	1300	U
120-83-2	2,4-Dichlorophenol	1300	U
65-85-0	Benzoic Acid	1300	U
120-82-1	1,2,4-Trichlorobenzene	1300	U
91-20-3	Naphthalene	1300	U
106-47-8	4-Chloroaniline	1300	U
87-68-3	Hexachlorobutadiene	1300	U
59-50-7	4-Chloro-3-methylphenol	1300	U
91-57-6	2-Methylnaphthalene	1300	U
77-47-4	Hexachlorocyclopentadiene	1300	U
88-06-2	2,4,6-Trichlorophenol	1300	U
	2,4,5-Trichlorophenol	1300	U
91-58-7	2-Chloronaphthalene	1300	U
88-74-4	2-Nitroaniline	1300	U
131-11-3	Dimethylphthalate	1300	U
208-96-8	Acenaphthylene	1300	U
606-20-2	2,6-Dinitrotoluene	1300	U
99-09-2	3-Nitroaniline	1300	U

1C

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-59

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4376.22

Sample wt/vol: 10.08 (g/ml) G Lab File ID: BN02984.D

Level: (low/med) LOW Date Received: 3/29/99

% Moisture: 23.48 decanted:(Y/N) N Date Extracted: 3/30/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/5/99

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	1300	U
51-28-5	2,4-Dinitrophenol	1300	U
132-64-9	Dibenzofuran	1300	U
100-02-7	4-Nitrophenol	1300	U
121-14-2	2,4-Dinitrotoluene	1300	U
84-66-2	Diethylphthalate	1300	U
86-73-7	Fluorene	1300	U
7005-72-3	4-Chlorophenyl-phenylether	1300	U
100-01-6	4-Nitroaniline	1300	U
534-52-1	4,6-Dinitro-2-methylphenol	1300	U
86-30-6	n-Nitrosodiphenylamine	1300	U
103-33-3	Azobenzene	1300	U
101-55-3	4-Bromophenyl-phenylether	1300	U
118-74-1	Hexachlorobenzene	1300	U
87-86-5	Pentachlorophenol	1300	U
85-01-8	Phenanthrene	530	J
120-12-7	Anthracene	150	J
84-74-2	Di-n-butylphthalate	630	JB
206-44-0	Fluoranthene	630	J
92-87-5	Benzidine	1300	U
129-00-0	Pyrene	630	J
85-68-7	Butylbenzylphthalate	1300	U
56-55-3	Benzo[a]anthracene	310	J
91-94-1	3,3'-Dichlorobenzidine	1300	U
218-01-9	Chrysene	580	J
117-81-7	bis(2-Ethylhexyl)phthalate	800	J
117-84-0	Di-n-octylphthalate	1300	U
205-99-2	Benzo[b]fluoranthene	250	J
207-08-9	Benzo[k]fluoranthene	230	J
50-32-8	Benzo[a]pyrene	270	J
193-39-5	Indeno[1,2,3-cd]pyrene	150	J
53-70-3	Dibenz[a,h]anthracene	1300	U
191-24-2	Benzo[g,h,i]perylene	160	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-59

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4376.22

Sample wt/vol: 10.08 (g/ml) G Lab File ID: BN02984.D

Level: (low/med) LOW Date Received: 3/29/99

% Moisture: 23.48 decanted: (Y/N) N Date Extracted: 3/30/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/5/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 15 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000544-63-8	Tetradecanoic acid	17.41	3100	JN
2.	unknown	18.47	1700	J
3.	unknown	20.72	1500	J
4. 000112-80-1	Oleic Acid	21.22	80000	JN
5. 000057-11-4	Octadecanoic acid	21.41	27000	JN
6.	unknown	21.78	2300	J
7.	unknown	21.91	1400	J
8. 001002-84-2	Pentadecanoic acid	22.96	3900	JN
9. 000112-88-9	1-Octadecene	23.91	5200	JN
10.	unknown	24.20	3600	J
11. 007098-21-7	Tritetracontane	25.41	5800	JN
12. 000112-95-8	Eicosane	26.80	5200	JN
13. 000638-68-6	Triacontane	28.09	5700	JN
14.	unknown	30.10	12000	J
15.	unknown	30.28	10000	J

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-60

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4376.24

Sample wt/vol: 10.6 (g/ml) G Lab File ID: BNA02402.D

Level: (low/med) LOW Date Received: 3/29/99

% Moisture: 21.86 decanted:(Y/N) N Date Extracted: 3/30/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/7/99

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

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-60

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4376.24

Sample wt/vol: 10.6 (g/ml) G Lab File ID: BNA02402.D

Level: (low/med) LOW Date Received: 3/29/99

% Moisture: 21.86 decanted:(Y/N) N Date Extracted: 3/30/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/7/99

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	320	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	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-60

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4376.24

Sample wt/vol: 10.6 (g/ml) G Lab File ID: BNA02402.D

Level: (low/med) LOW Date Received: 3/29/99

% Moisture: 21.86 decanted: (Y/N) N Date Extracted: 3/30/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/7/99

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. 077899-03-7	1-Heneicosyl formate	25.75	1700	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-61

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4376.26

Sample wt/vol: 10.05 (g/ml) G Lab File ID: BNA02403.D

Level: (low/med) LOW Date Received: 3/29/99

% Moisture: 15.17 decanted:(Y/N) N Date Extracted: 3/30/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/7/99

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

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-61

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4376.26

Sample wt/vol: 10.05 (g/ml) G Lab File ID: BNA02403.D

Level: (low/med) LOW Date Received: 3/29/99

% Moisture: 15.17 decanted:(Y/N) N Date Extracted: 3/30/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/7/99

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	170	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	180	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-61

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4376.26

Sample wt/vol: 10.05 (g/ml) G Lab File ID: BNA02403.D

Level: (low/med) LOW Date Received: 3/29/99

% Moisture: 15.17 decanted: (Y/N) N Date Extracted: 3/30/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/7/99

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	25.75	4100	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-62

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4376.28

Sample wt/vol: 10.14 (g/ml) G Lab File ID: BNA02398.D

Level: (low/med) LOW Date Received: 3/29/99

% Moisture: 29.46 decanted:(Y/N) N Date Extracted: 3/30/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/7/99

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	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	610	J
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	540	J
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

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-62

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4376.28

Sample wt/vol: 10.14 (g/ml) G Lab File ID: BNA02398.D

Level: (low/med) LOW Date Received: 3/29/99

% Moisture: 29.46 decanted:(Y/N) N Date Extracted: 3/30/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/7/99

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	1400	U
51-28-5	2,4-Dinitrophenol	1400	U
132-64-9	Dibenzofuran	1400	U
100-02-7	4-Nitrophenol	1400	U
121-14-2	2,4-Dinitrotoluene	1400	U
84-66-2	Diethylphthalate	1400	U
86-73-7	Fluorene	1400	U
7005-72-3	4-Chlorophenyl-phenylether	1400	U
100-01-6	4-Nitroaniline	1400	U
534-52-1	4,6-Dinitro-2-methylphenol	1400	U
86-30-6	n-Nitrosodiphenylamine	1400	U
103-33-3	Azobenzene	1400	U
101-55-3	4-Bromophenyl-phenylether	1400	U
118-74-1	Hexachlorobenzene	1400	U
87-86-5	Pentachlorophenol	1400	U
85-01-8	Phenanthrene	180	J
120-12-7	Anthracene	1400	U
84-74-2	Di-n-butylphthalate	210	JB
206-44-0	Fluoranthene	310	J
92-87-5	Benzidine	1400	U
129-00-0	Pyrene	240	J
85-68-7	Butylbenzylphthalate	1400	U
56-55-3	Benzo[a]anthracene	240	J
91-94-1	3,3'-Dichlorobenzidine	1400	U
218-01-9	Chrysene	230	J
117-81-7	bis(2-Ethylhexyl)phthalate	27000	E
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

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-62

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4376 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4376.28 (1:10)

Sample wt/vol: 10.14 (g/ml) G Lab File ID: BNA02413.D

Level: (low/med) LOW Date Received: 3/29/99

% Moisture: 29.46 decanted:(Y/N) N Date Extracted: 3/30/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/8/99

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: 7

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	14000	U
62-75-9	N-nitroso-dimethylamine	14000	U
62-53-3	Aniline	14000	U
108-95-2	Phenol	14000	U
111-44-4	bis(2-Chloroethyl)ether	14000	U
95-57-8	2-Chlorophenol	14000	U
541-73-1	1,3-Dichlorobenzene	14000	U
106-46-7	1,4-Dichlorobenzene	14000	U
100-51-6	Benzyl alcohol	14000	U
95-50-1	1,2-Dichlorobenzene	14000	U
	2-Methylphenol	14000	U
108-60-1	bis(2-chloroisopropyl)ether	14000	U
	4-Methylphenol	14000	U
621-64-7	n-Nitroso-di-n-propylamine	14000	U
67-72-1	Hexachloroethane	14000	U
98-95-3	Nitrobenzene	14000	U
78-59-1	Isophorone	14000	U
88-75-5	2-Nitrophenol	14000	U
105-67-9	2,4-Dimethylphenol	14000	U
111-91-1	bis(2-Chloroethoxy)methane	14000	U
120-83-2	2,4-Dichlorophenol	14000	U
65-85-0	Benzoic Acid	14000	U
120-82-1	1,2,4-Trichlorobenzene	14000	U
91-20-3	Naphthalene	14000	U
106-47-8	4-Chloroaniline	14000	U
87-68-3	Hexachlorobutadiene	14000	U
59-50-7	4-Chloro-3-methylphenol	14000	U
91-57-6	2-Methylnaphthalene	14000	U
77-47-4	Hexachlorocyclopentadiene	14000	U
88-06-2	2,4,6-Trichlorophenol	14000	U
	2,4,5-Trichlorophenol	14000	U
91-58-7	2-Chloronaphthalene	14000	U
88-74-4	2-Nitroaniline	14000	U
131-11-3	Dimethylphthalate	14000	U
208-96-8	Acenaphthylene	14000	U
606-20-2	2,6-Dinitrotoluene	14000	U
99-09-2	3-Nitroaniline	14000	U

1C

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-62

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4376.28 (1:10)

Sample wt/vol: 10.14 (g/ml) G Lab File ID: BNA02413.D

Level: (low/med) LOW Date Received: 3/29/99

% Moisture: 29.46 decanted:(Y/N) N Date Extracted: 3/30/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/8/99

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: 7

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	14000	U
51-28-5	2,4-Dinitrophenol	14000	U
132-64-9	Dibenzofuran	14000	U
100-02-7	4-Nitrophenol	14000	U
121-14-2	2,4-Dinitrotoluene	14000	U
84-66-2	Diethylphthalate	14000	U
86-73-7	Fluorene	14000	U
7005-72-3	4-Chlorophenyl-phenylether	14000	U
100-01-6	4-Nitroaniline	14000	U
534-52-1	4,6-Dinitro-2-methylphenol	14000	U
86-30-6	n-Nitrosodiphenylamine	14000	U
103-33-3	Azobenzene	14000	U
101-55-3	4-Bromophenyl-phenylether	14000	U
118-74-1	Hexachlorobenzene	14000	U
87-86-5	Pentachlorophenol	14000	U
85-01-8	Phenanthrene	14000	U
120-12-7	Anthracene	14000	U
84-74-2	Di-n-butylphthalate	14000	U
206-44-0	Fluoranthene	14000	U
92-87-5	Benzidine	14000	U
129-00-0	Pyrene	14000	U
85-68-7	Butylbenzylphthalate	14000	U
56-55-3	Benzo[a]anthracene	14000	U
91-94-1	3,3'-Dichlorobenzidine	14000	U
218-01-9	Chrysene	14000	U
117-81-7	bis(2-Ethylhexyl)phthalate	28000	D
117-84-0	Di-n-octylphthalate	14000	U
205-99-2	Benzo[b]fluoranthene	14000	U
207-08-9	Benzo[k]fluoranthene	14000	U
50-32-8	Benzo[a]pyrene	14000	U
193-39-5	Indeno[1,2,3-cd]pyrene	14000	U
53-70-3	Dibenz[a,h]anthracene	14000	U
191-24-2	Benzo[g,h,i]perylene	14000	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-62

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4376.28

Sample wt/vol: 10.14 (g/ml) G Lab File ID: BNA02398.D

Level: (low/med) LOW Date Received: 3/29/99

% Moisture: 29.46 decanted: (Y/N) N Date Extracted: 3/30/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/7/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 11 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	21.28	5800	J
2. 000000-00-0	Naphthalene, 6-ethyl-1,2,3,4-tetra	21.68	3500	JN
3. 054833-23-7	Eicosane, 10-methyl-	24.16	1800	JN
4. 000646-31-1	Tetracosane	25.00	3300	JN
5. 000629-97-0	Docosane	26.59	6400	JN
6. 000593-49-7	Heptacosane	27.33	7300	JN
7. 000629-94-7	Heneicosane	28.04	5200	JN
8. 000630-03-5	Nonacosane	28.73	5600	JN
9. 000112-95-8	Eicosane	29.40	5000	JN
10.	unknown hydrocarbon	30.15	5500	J
11. 006418-44-6	Heptadecane, 3-methyl-	30.96	4400	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-63

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4376.30

Sample wt/vol: 10.14 (g/ml) G Lab File ID: BN02985.D

Level: (low/med) LOW Date Received: 3/29/99

% Moisture: 14.36 decanted:(Y/N) N Date Extracted: 3/31/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/5/99

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	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	270	J
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-63

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4376.30

Sample wt/vol: 10.14 (g/ml) G Lab File ID: BN02985.D

Level: (low/med) LOW Date Received: 3/29/99

% Moisture: 14.36 decanted:(Y/N) N Date Extracted: 3/31/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/5/99

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	560	J
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	330	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	740	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	6300	
120-12-7	Anthracene	1900	
84-74-2	Di-n-butylphthalate	420	JB
206-44-0	Fluoranthene	8000	
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	6200	
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	3600	
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	5400	
117-81-7	bis(2-Ethylhexyl)phthalate	170	JB
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	3400	
207-08-9	Benzo[k]fluoranthene	2300	
50-32-8	Benzo[a]pyrene	3100	
193-39-5	Indeno[1,2,3-cd]pyrene	1700	
53-70-3	Dibenz[a,h]anthracene	820	J
191-24-2	Benzo[g,h,i]perylene	1500	

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-63

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4376.30

Sample wt/vol: 10.14 (g/ml) G Lab File ID: BN02985.D

Level: (low/med) LOW Date Received: 3/29/99

% Moisture: 14.36 decanted: (Y/N) N Date Extracted: 3/31/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/5/99

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. 000203-64-5	4H-Cyclopenta[def]phenanthrene	18.99	1300	JN
2. 000243-42-5	Benzo[b]naphtho[2,3-d]furan	21.21	1100	JN
3. 000238-84-6	11H-Benzo[a]fluorene	21.73	2100	JN
4. 000243-17-4	11H-Benzo[b]fluorene	21.87	1000	JN
5.	unknown	23.24	1300	J
6.	unknown	23.97	1000	J
7. 006971-40-0	17-Pentatriacontene	25.38	1300	JN
8. 000205-82-3	Benzo[j]fluoranthene	26.31	1100	JN
9. 000205-99-2	Benz[e]acephenanthrylene	26.64	3000	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-64

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4376.32

Sample wt/vol: 10.26 (g/ml) G Lab File ID: BNA02399.D

Level: (low/med) LOW Date Received: 3/29/99

% Moisture: 22.96 decanted:(Y/N) N Date Extracted: 3/31/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/7/99

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	1300	U
62-75-9	N-nitroso-dimethylamine	1300	U
62-53-3	Aniline	1300	U
108-95-2	Phenol	1300	U
111-44-4	bis(2-Chloroethyl)ether	1300	U
95-57-8	2-Chlorophenol	1300	U
541-73-1	1,3-Dichlorobenzene	1300	U
106-46-7	1,4-Dichlorobenzene	1300	U
100-51-6	Benzyl alcohol	1300	U
95-50-1	1,2-Dichlorobenzene	1300	U
	2-Methylphenol	1300	U
108-60-1	bis(2-chloroisopropyl)ether	1300	U
	4-Methylphenol	1300	U
621-64-7	n-Nitroso-di-n-propylamine	1300	U
67-72-1	Hexachloroethane	1300	U
98-95-3	Nitrobenzene	1300	U
78-59-1	Isophorone	1300	U
88-75-5	2-Nitrophenol	1300	U
105-67-9	2,4-Dimethylphenol	1300	U
111-91-1	bis(2-Chloroethoxy)methane	1300	U
120-83-2	2,4-Dichlorophenol	1300	U
65-85-0	Benzoic Acid	1300	U
120-82-1	1,2,4-Trichlorobenzene	1300	U
91-20-3	Naphthalene	1300	U
106-47-8	4-Chloroaniline	1300	U
87-68-3	Hexachlorobutadiene	1300	U
59-50-7	4-Chloro-3-methylphenol	1300	U
91-57-6	2-Methylnaphthalene	1300	U
77-47-4	Hexachlorocyclopentadiene	1300	U
88-06-2	2,4,6-Trichlorophenol	1300	U
	2,4,5-Trichlorophenol	1300	U
91-58-7	2-Chloronaphthalene	1300	U
88-74-4	2-Nitroaniline	1300	U
131-11-3	Dimethylphthalate	1300	U
208-96-8	Acenaphthylene	1300	U
606-20-2	2,6-Dinitrotoluene	1300	U
99-09-2	3-Nitroaniline	1300	U

1C

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-64

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4376.32

Sample wt/vol: 10.26 (g/ml) G Lab File ID: BNA02399.D

Level: (low/med) LOW Date Received: 3/29/99

% Moisture: 22.96 decanted:(Y/N) N Date Extracted: 3/31/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/7/99

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	1300	U
51-28-5	2,4-Dinitrophenol	1300	U
132-64-9	Dibenzofuran	1300	U
100-02-7	4-Nitrophenol	1300	U
121-14-2	2,4-Dinitrotoluene	1300	U
84-66-2	Diethylphthalate	1300	U
86-73-7	Fluorene	1300	U
7005-72-3	4-Chlorophenyl-phenylether	1300	U
100-01-6	4-Nitroaniline	1300	U
534-52-1	4,6-Dinitro-2-methylphenol	1300	U
86-30-6	n-Nitrosodiphenylamine	1300	U
103-33-3	Azobenzene	1300	U
101-55-3	4-Bromophenyl-phenylether	1300	U
118-74-1	Hexachlorobenzene	1300	U
87-86-5	Pentachlorophenol	1300	U
85-01-8	Phenanthrene	260	J
120-12-7	Anthracene	1300	U
84-74-2	Di-n-butylphthalate	1300	U
206-44-0	Fluoranthene	410	J
92-87-5	Benzidine	1300	U
129-00-0	Pyrene	340	J
85-68-7	Butylbenzylphthalate	1300	U
56-55-3	Benzo[a]anthracene	220	J
91-94-1	3,3'-Dichlorobenzidine	1300	U
218-01-9	Chrysene	350	J
117-81-7	bis(2-Ethylhexyl)phthalate	490	JB
117-84-0	Di-n-octylphthalate	1300	U
205-99-2	Benzo[b]fluoranthene	170	J
207-08-9	Benzo[k]fluoranthene	150	J
50-32-8	Benzo[a]pyrene	180	J
193-39-5	Indeno[1,2,3-cd]pyrene	1300	U
53-70-3	Dibenz[a,h]anthracene	1300	U
191-24-2	Benzo[g,h,i]perylene	1300	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-64

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4376.32

Sample wt/vol: 10.26 (g/ml) G Lab File ID: BNA02399.D

Level: (low/med) LOW Date Received: 3/29/99

% Moisture: 22.96 decanted: (Y/N) N Date Extracted: 3/31/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/7/99

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.	unknown	22.65	1200	J
2. 000629-97-0	Docosane	26.54	4300	JN
3. 000593-49-7	Heptacosane	27.28	8500	JN
4. 000638-67-5	Tricosane	28.00	5400	JN
5. 000638-68-6	Triacontane	28.69	6100	JN
6. 000646-31-1	Tetracosane	29.35	5100	JN
7. 000629-92-5	Nonadecane	30.08	4300	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-65

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4376.34

Sample wt/vol: 10.2 (g/ml) G Lab File ID: BNA02400.D

Level: (low/med) LOW Date Received: 3/29/99

% Moisture: 52.41 decanted:(Y/N) N Date Extracted: 3/31/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/7/99

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	2000	U
62-75-9	N-nitroso-dimethylamine	2000	U
62-53-3	Aniline	2000	U
108-95-2	Phenol	2000	U
111-44-4	bis(2-Chloroethyl)ether	2000	U
95-57-8	2-Chlorophenol	2000	U
541-73-1	1,3-Dichlorobenzene	2000	U
106-46-7	1,4-Dichlorobenzene	4200	
100-51-6	Benzyl alcohol	2000	U
95-50-1	1,2-Dichlorobenzene	2000	U
	2-Methylphenol	2000	U
108-60-1	bis(2-chloroisopropyl)ether	2000	U
	4-Methylphenol	1100	J
621-64-7	n-Nitroso-di-n-propylamine	2000	U
67-72-1	Hexachloroethane	2000	U
98-95-3	Nitrobenzene	2000	U
78-59-1	Isophorone	2000	U
88-75-5	2-Nitrophenol	2000	U
105-67-9	2,4-Dimethylphenol	2000	U
111-91-1	bis(2-Chloroethoxy)methane	2000	U
120-83-2	2,4-Dichlorophenol	2000	U
65-85-0	Benzoic Acid	2000	U
120-82-1	1,2,4-Trichlorobenzene	2000	U
91-20-3	Naphthalene	10000	
106-47-8	4-Chloroaniline	2000	U
87-68-3	Hexachlorobutadiene	2000	U
59-50-7	4-Chloro-3-methylphenol	2000	U
91-57-6	2-Methylnaphthalene	520	J
77-47-4	Hexachlorocyclopentadiene	2000	U
88-06-2	2,4,6-Trichlorophenol	2000	U
	2,4,5-Trichlorophenol	2000	U
91-58-7	2-Chloronaphthalene	2000	U
88-74-4	2-Nitroaniline	2000	U
131-11-3	Dimethylphthalate	2000	U
208-96-8	Acenaphthylene	2000	U
606-20-2	2,6-Dinitrotoluene	2000	U
99-09-2	3-Nitroaniline	2000	U

1C

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-65

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4376.34

Sample wt/vol: 10.2 (g/ml) G Lab File ID: BNA02400.D

Level: (low/med) LOW Date Received: 3/29/99

% Moisture: 52.41 decanted:(Y/N) N Date Extracted: 3/31/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/7/99

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	2000	U
51-28-5	2,4-Dinitrophenol	2000	U
132-64-9	Dibenzofuran	2000	U
100-02-7	4-Nitrophenol	2000	U
121-14-2	2,4-Dinitrotoluene	2000	U
84-66-2	Diethylphthalate	220	J
86-73-7	Fluorene	2000	U
7005-72-3	4-Chlorophenyl-phenylether	2000	U
100-01-6	4-Nitroaniline	2000	U
534-52-1	4,6-Dinitro-2-methylphenol	2000	U
86-30-6	n-Nitrosodiphenylamine	2000	U
103-33-3	Azobenzene	2000	U
101-55-3	4-Bromophenyl-phenylether	2000	U
118-74-1	Hexachlorobenzene	2000	U
87-86-5	Pentachlorophenol	2000	U
85-01-8	Phenanthrene	2000	U
120-12-7	Anthracene	2000	U
84-74-2	Di-n-butylphthalate	2700	B
206-44-0	Fluoranthene	2000	U
92-87-5	Benzidine	2000	U
129-00-0	Pyrene	2000	U
85-68-7	Butylbenzylphthalate	2000	U
56-55-3	Benzo[a]anthracene	2000	U
91-94-1	3,3'-Dichlorobenzidine	2000	U
218-01-9	Chrysene	2000	U
117-81-7	bis(2-Ethylhexyl)phthalate	4900	B
117-84-0	Di-n-octylphthalate	2000	U
205-99-2	Benzo[b]fluoranthene	2000	U
207-08-9	Benzo[k]fluoranthene	2000	U
50-32-8	Benzo[a]pyrene	2000	U
193-39-5	Indeno[1,2,3-cd]pyrene	2000	U
53-70-3	Dibenz[a,h]anthracene	2000	U
191-24-2	Benzo[g,h,i]perylene	2000	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-65

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4376.34

Sample wt/vol: 10.2 (g/ml) G Lab File ID: BNA02400.D

Level: (low/med) LOW Date Received: 3/29/99

% Moisture: 52.41 decanted: (Y/N) N Date Extracted: 3/31/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/7/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 25 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000108-67-8	Benzene, 1,3,5-trimethyl-	8.23	3400	JN
2. 000526-73-8	Benzene, 1,2,3-trimethyl-	8.69	15000	JN
3.	unknown	9.15	3700	J
4.	unknown	9.69	4700	J
5.	unknown	9.97	1800	J
6. 001120-21-4	Undecane	10.45	3200	JN
7. 000095-93-2	Benzene, 1,2,4,5-tetramethyl-	10.85	5000	JN
8.	unknown	13.05	2600	J
9. 000128-37-0	Butylated Hydroxytoluene	16.32	2400	JN
10. 000119-39-1	Phthalazin-1-one	17.22	3000	JN
11. 000544-63-8	Tetradecanoic acid	19.13	4200	JN
12. 000084-64-0	1,2-Benzenedicarboxylic acid, but	20.28	2300	JN
13.	unknown	20.67	1800	J
14. 000629-94-7	Heneicosane	22.40	2300	JN
15.	unknown	22.67	11000	J
16. 000112-95-8	Eicosane	24.17	3300	JN
17. 000053-19-0	Mitotane	24.21	2100	JN
18. 000593-45-3	Octadecane	25.00	5900	JN
19.	unknown	26.18	1900	J
20. 000112-95-8	Eicosane	26.58	11000	JN
21. 000593-49-7	Heptacosane	27.33	13000	JN
22. 000629-97-0	Docosane	28.04	7700	JN
23. 040732-64-7	Propanoic acid, 2,2-dimethyl-, [3-(	28.73	8200	JN
24.	unknown hydrocarbon	29.40	7200	J
25.	unknown hydrocarbon	30.13	6900	J

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-66

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4376.36

Sample wt/vol: 10.14 (g/ml) G Lab File ID: BNA02401.D

Level: (low/med) LOW Date Received: 3/29/99

% Moisture: 15.5 decanted:(Y/N) N Date Extracted: 3/31/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/7/99

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	560	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	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

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-66

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4376.36

Sample wt/vol: 10.14 (g/ml) G Lab File ID: BNA02401.D

Level: (low/med) LOW Date Received: 3/29/99

% Moisture: 15.5 decanted:(Y/N) N Date Extracted: 3/31/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/7/99

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	480	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	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	270	J
120-12-7	Anthracene	1200	U
84-74-2	Di-n-butylphthalate	650	JB
206-44-0	Fluoranthene	960	J
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	910	J
85-68-7	Butylbenzylphthalate	1200	U
56-55-3	Benzo[a]anthracene	290	J
91-94-1	3,3'-Dichlorobenzidine	1200	U
218-01-9	Chrysene	460	J
117-81-7	bis(2-Ethylhexyl)phthalate	1900	B
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo[b]fluoranthene	300	J
207-08-9	Benzo[k]fluoranthene	310	J
50-32-8	Benzo[a]pyrene	250	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-66

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4376 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4376.36

Sample wt/vol: 10.14 (g/ml) G Lab File ID: BNA02401.D

Level: (low/med) LOW Date Received: 3/29/99

% Moisture: 15.5 decanted: (Y/N) N Date Extracted: 3/31/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/7/99

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.	000084-69-5	1,2-Benzenedicarboxylic acid, bis	20.28	1800	JN

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-67

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.02

Sample wt/vol: 10.21 (g/ml) G Lab File ID: BN02988.D

Level: (low/med) LOW Date Received: 3/30/99

% Moisture: 17.49 decanted:(Y/N) N Date Extracted: 3/31/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/5/99

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-67**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.02

Sample wt/vol: 10.21 (g/ml) G Lab File ID: BN02988.D

Level: (low/med) LOW Date Received: 3/30/99

% Moisture: 17.49 decanted:(Y/N) N Date Extracted: 3/31/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/5/99

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	320	J
120-12-7	Anthracene	1200	U
84-74-2	Di-n-butylphthalate	220	JB
206-44-0	Fluoranthene	750	J
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	680	J
85-68-7	Butylbenzylphthalate	1200	U
56-55-3	Benzo[a]anthracene	410	J
91-94-1	3,3'-Dichlorobenzidine	1200	U
218-01-9	Chrysene	700	J
117-81-7	bis(2-Ethylhexyl)phthalate	230	JB
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo[b]fluoranthene	450	J
207-08-9	Benzo[k]fluoranthene	400	J
50-32-8	Benzo[a]pyrene	450	J
193-39-5	Indeno[1,2,3-cd]pyrene	200	J
53-70-3	Dibenz[a,h]anthracene	1200	U
191-24-2	Benzo[g,h,i]perylene	200	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **B-67**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.02

Sample wt/vol: 10.21 (g/ml) G Lab File ID: BN02988.D

Level: (low/med) LOW Date Received: 3/30/99

% Moisture: 17.49 decanted: (Y/N) N Date Extracted: 3/31/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/5/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 5 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 010544-50-0	Sulfur, mol. (S8)	20.16	1700	JN
2. 000057-11-4	Octadecanoic acid	21.19	1200	JN
3. 000112-92-5	1-Octadecanol	23.88	7000	JN
4. 015965-99-8	Oxirane, [(hexadecyloxy)methyl]-	25.40	3500	JN
5. 000112-95-8	Eicosane	28.08	2400	JN

1B

Field ID: B-68

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.04

Sample wt/vol: 10.07 (g/ml) G Lab File ID: BN02978.D

Level: (low/med) LOW Date Received: 3/30/99

% Moisture: 14.38 decanted:(Y/N) N Date Extracted: 3/31/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/5/99

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

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-68

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.04

Sample wt/vol: 10.07 (g/ml) G Lab File ID: BN02978.D

Level: (low/med) LOW Date Received: 3/30/99

% Moisture: 14.38 decanted:(Y/N) N Date Extracted: 3/31/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/5/99

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	180	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	680	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	160	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-68**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.04

Sample wt/vol: 10.07 (g/ml) G Lab File ID: BN02978.D

Level: (low/med) LOW Date Received: 3/30/99

% Moisture: 14.38 decanted: (Y/N) N Date Extracted: 3/31/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/5/99

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. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.44	1600	JN
2. 001454-84-8	1-Nonadecanol	23.85	4500	JN
3. 006624-79-9	1-Dotriacontanol	25.36	1400	JN
4. 000629-96-9	1-Eicosanol	28.09	950	JN

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-69

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.06

Sample wt/vol: 10.04 (g/ml) G Lab File ID: BN02979.D

Level: (low/med) LOW Date Received: 3/30/99

% Moisture: 14.79 decanted:(Y/N) N Date Extracted: 3/31/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/5/99

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

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-69

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.06

Sample wt/vol: 10.04 (g/ml) G Lab File ID: BN02979.D

Level: (low/med) LOW Date Received: 3/30/99

% Moisture: 14.79 decanted:(Y/N) N Date Extracted: 3/31/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/5/99

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	150	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	1000	J
120-12-7	Anthracene	200	J
84-74-2	Di-n-butylphthalate	610	JB
206-44-0	Fluoranthene	2100	
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	1600	
85-68-7	Butylbenzylphthalate	1200	U
56-55-3	Benzo[a]anthracene	920	J
91-94-1	3,3'-Dichlorobenzidine	1200	U
218-01-9	Chrysene	1600	
117-81-7	bis(2-Ethylhexyl)phthalate	1200	U
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo[b]fluoranthene	860	J
207-08-9	Benzo[k]fluoranthene	860	J
50-32-8	Benzo[a]pyrene	960	J
193-39-5	Indeno[1,2,3-cd]pyrene	650	J
53-70-3	Dibenz[a,h]anthracene	220	J
191-24-2	Benzo[g,h,i]perylene	700	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **B-69**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.06

Sample wt/vol: 10.04 (g/ml) G Lab File ID: BN02979.D

Level: (low/med) LOW Date Received: 3/30/99

% Moisture: 14.79 decanted: (Y/N) N Date Extracted: 3/31/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/5/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 12 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.44	1100	JN
2. 001454-84-8	1-Nonadecanol	23.85	3700	JN
3. 000630-06-8	Hexatriacontane	25.37	3300	JN
4. 000629-80-1	Hexadecanal	26.35	1400	JN
5. 000198-55-0	Perylene	26.58	1100	JN
6. 000629-92-5	Nonadecane	26.75	7100	JN
7. 056554-87-1	16-Octadecenal	27.70	1700	JN
8. 007098-22-8	Tetratetracontane	28.03	1000	JN
9. 074685-30-6	5-Eicosene, (E)-	28.09	1900	JN
10.	unknown	28.96	1100	J
11.	unknown	30.19	1200	J
12. 000058-22-0	Testosterone	30.60	2100	JN

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-70

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.08

Sample wt/vol: 10.16 (g/ml) G Lab File ID: BN02980.D

Level: (low/med) LOW Date Received: 3/30/99

% Moisture: 13.06 decanted:(Y/N) N Date Extracted: 3/31/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/5/99

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

001960

1C

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-70

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.08

Sample wt/vol: 10.16 (g/ml) G Lab File ID: BN02980.D

Level: (low/med) LOW Date Received: 3/30/99

% Moisture: 13.06 decanted:(Y/N) N Date Extracted: 3/31/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/5/99

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	240	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	440	JB
206-44-0	Fluoranthene	510	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	450	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	260	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	640	J
117-81-7	bis(2-Ethylhexyl)phthalate	190	JB
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	400	J
207-08-9	Benzo[k]fluoranthene	340	J
50-32-8	Benzo[a]pyrene	290	J
193-39-5	Indeno[1,2,3-cd]pyrene	240	J
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	250	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **B-70**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.08

Sample wt/vol: 10.16 (g/ml) G Lab File ID: BN02980.D

Level: (low/med) LOW Date Received: 3/30/99

% Moisture: 13.06 decanted: (Y/N) N Date Extracted: 3/31/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/5/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 6 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	18.45	970	J
2. 000112-92-5	1-Octadecanol	23.86	4000	JN
3. 001599-67-3	1-Docosene	25.37	1300	JN
4. 000544-85-4	Dotriacontane	26.75	1100	JN
5. 000629-80-1	Hexadecanal	27.70	1000	JN
6. 000112-88-9	1-Octadecene	28.10	1200	JN

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-71

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.10

Sample wt/vol: 10 (g/ml) G Lab File ID: BN03004.D

Level: (low/med) LOW Date Received: 3/30/99

% Moisture: 6.37 decanted:(Y/N) N Date Extracted: 3/31/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/6/99

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

Field ID: B-71

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.10

Sample wt/vol: 10 (g/ml) G Lab File ID: BN03004.D

Level: (low/med) LOW Date Received: 3/30/99

% Moisture: 6.37 decanted:(Y/N) N Date Extracted: 3/31/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/6/99

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	150	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	520	JB
206-44-0	Fluoranthene	760	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	700	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	500	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	810	J
117-81-7	bis(2-Ethylhexyl)phthalate	330	JB
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	670	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	200	J
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	180	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **B-71**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.10

Sample wt/vol: 10 (g/ml) G Lab File ID: BN03004.D

Level: (low/med) LOW Date Received: 3/30/99

% Moisture: 6.37 decanted: (Y/N) N Date Extracted: 3/31/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/6/99

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. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.46	1100	JN
2. 001599-67-3	1-Docosene	23.88	3800	JN
3. 006624-79-9	1-Dotriacontanol	25.39	1000	JN
4.	unknown	28.76	960	J

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-72

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.12

Sample wt/vol: 10.13 (g/ml) G Lab File ID: BN02993.D

Level: (low/med) LOW Date Received: 3/30/99

% Moisture: 16.04 decanted:(Y/N) N Date Extracted: 3/31/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/6/99

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	180	J
606-20-2	2,6-Dinitrotoluene	1200	U
99-09-2	3-Nitroaniline	1200	U

001966

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **B-72**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.12

Sample wt/vol: 10.13 (g/ml) G Lab File ID: BN02993.D

Level: (low/med) LOW Date Received: 3/30/99

% Moisture: 16.04 decanted:(Y/N) N Date Extracted: 3/31/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/6/99

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	580	J
120-12-7	Anthracene	250	J
84-74-2	Di-n-butylphthalate	530	JB
206-44-0	Fluoranthene	1400	
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	1300	
85-68-7	Butylbenzylphthalate	1200	U
56-55-3	Benzo[a]anthracene	780	J
91-94-1	3,3'-Dichlorobenzidine	1200	U
218-01-9	Chrysene	1400	
117-81-7	bis(2-Ethylhexyl)phthalate	920	JB
117-84-0	Di-n-octylphthalate	260	J
205-99-2	Benzo[b]fluoranthene	880	J
207-08-9	Benzo[k]fluoranthene	890	J
50-32-8	Benzo[a]pyrene	890	J
193-39-5	Indeno[1,2,3-cd]pyrene	450	J
53-70-3	Dibenz[a,h]anthracene	1200	U
191-24-2	Benzo[g,h,i]perylene	430	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **B-72**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.12

Sample wt/vol: 10.13 (g/ml) G Lab File ID: BN02993.D

Level: (low/med) LOW Date Received: 3/30/99

% Moisture: 16.04 decanted: (Y/N) N Date Extracted: 3/31/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/6/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 15 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000080-56-8	.alpha.-Pinene	5.82	2600	JN
2. 000128-37-0	Butylated Hydroxytoluene	14.55	1200	JN
3.	unknown	18.45	1200	J
4. 010544-50-0	Sulfur, mol. (S8)	20.16	2800	JN
5. 002091-29-4	9-Hexadecenoic acid	21.02	3300	JN
6. 000057-11-4	Octadecanoic acid	21.20	1400	JN
7.	unknown	23.62	1600	J
8. 001454-84-8	1-Nonadecanol	23.88	4600	JN
9.	unknown	24.47	2400	J
10.	unknown	24.65	1900	J
11.	unknown	24.95	1200	J
12.	unknown	25.08	2600	J
13.	unknown	25.39	3200	J
14. 000057-10-3	Hexadecanoic acid	25.94	2000	JN
15. 000646-31-1	Tetracosane	28.07	1300	JN

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-73

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.14

Sample wt/vol: 10.05 (g/ml) G Lab File ID: BN02994.D

Level: (low/med) LOW Date Received: 3/30/99

% Moisture: 16.15 decanted:(Y/N) N Date Extracted: 3/31/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/6/99

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	230	J
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

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-73

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.14

Sample wt/vol: 10.05 (g/ml) G Lab File ID: BN02994.D

Level: (low/med) LOW Date Received: 3/30/99

% Moisture: 16.15 decanted:(Y/N) N Date Extracted: 3/31/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/6/99

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	740	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	280	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-73**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.14

Sample wt/vol: 10.05 (g/ml) G Lab File ID: BN02994.D

Level: (low/med) LOW Date Received: 3/30/99

% Moisture: 16.15 decanted: (Y/N) N Date Extracted: 3/31/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/6/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 6 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.45	1500	JN
2. 002091-29-4	9-Hexadecenoic acid	20.99	1100	JN
3. 000057-11-4	Octadecanoic acid	21.19	1500	JN
4. 000112-92-5	1-Octadecanol	23.87	4800	JN
5.	unknown	25.38	1200	J
6.	unknown	28.76	1100	J

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-74

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.16

Sample wt/vol: 10.3 (g/ml) G Lab File ID: BN02995.D

Level: (low/med) LOW Date Received: 3/30/99

% Moisture: 22.65 decanted:(Y/N) N Date Extracted: 3/31/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/6/99

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	1300	U
62-75-9	N-nitroso-dimethylamine	1300	U
62-53-3	Aniline	1300	U
108-95-2	Phenol	1300	U
111-44-4	bis(2-Chloroethyl)ether	1300	U
95-57-8	2-Chlorophenol	1300	U
541-73-1	1,3-Dichlorobenzene	1300	U
106-46-7	1,4-Dichlorobenzene	1300	U
100-51-6	Benzyl alcohol	1300	U
95-50-1	1,2-Dichlorobenzene	1300	U
	2-Methylphenol	1300	U
108-60-1	bis(2-chloroisopropyl)ether	1300	U
	4-Methylphenol	1300	U
621-64-7	n-Nitroso-di-n-propylamine	1300	U
67-72-1	Hexachloroethane	1300	U
98-95-3	Nitrobenzene	1300	U
78-59-1	Isophorone	1300	U
88-75-5	2-Nitrophenol	1300	U
105-67-9	2,4-Dimethylphenol	1300	U
111-91-1	bis(2-Chloroethoxy)methane	1300	U
120-83-2	2,4-Dichlorophenol	1300	U
65-85-0	Benzoic Acid	1300	U
120-82-1	1,2,4-Trichlorobenzene	1300	U
91-20-3	Naphthalene	1300	U
106-47-8	4-Chloroaniline	1300	U
87-68-3	Hexachlorobutadiene	1300	U
59-50-7	4-Chloro-3-methylphenol	1300	U
91-57-6	2-Methylnaphthalene	1300	U
77-47-4	Hexachlorocyclopentadiene	1300	U
88-06-2	2,4,6-Trichlorophenol	1300	U
	2,4,5-Trichlorophenol	1300	U
91-58-7	2-Chloronaphthalene	1300	U
88-74-4	2-Nitroaniline	1300	U
131-11-3	Dimethylphthalate	1300	U
208-96-8	Acenaphthylene	490	J
606-20-2	2,6-Dinitrotoluene	1300	U
99-09-2	3-Nitroaniline	1300	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **B-74**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.16

Sample wt/vol: 10.3 (g/ml) G Lab File ID: BN02995.D

Level: (low/med) LOW Date Received: 3/30/99

% Moisture: 22.65 decanted:(Y/N) N Date Extracted: 3/31/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/6/99

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	1300	U
51-28-5	2,4-Dinitrophenol	1300	U
132-64-9	Dibenzofuran	1300	U
100-02-7	4-Nitrophenol	1300	U
121-14-2	2,4-Dinitrotoluene	1300	U
84-66-2	Diethylphthalate	1300	U
86-73-7	Fluorene	1300	U
7005-72-3	4-Chlorophenyl-phenylether	1300	U
100-01-6	4-Nitroaniline	1300	U
534-52-1	4,6-Dinitro-2-methylphenol	1300	U
86-30-6	n-Nitrosodiphenylamine	1300	U
103-33-3	Azobenzene	1300	U
101-55-3	4-Bromophenyl-phenylether	1300	U
118-74-1	Hexachlorobenzene	1300	U
87-86-5	Pentachlorophenol	1300	U
85-01-8	Phenanthrene	1300	
120-12-7	Anthracene	510	J
84-74-2	Di-n-butylphthalate	230	JB
206-44-0	Fluoranthene	2400	
92-87-5	Benzidine	1300	U
129-00-0	Pyrene	2400	
85-68-7	Butylbenzylphthalate	1300	U
56-55-3	Benzo[a]anthracene	1300	
91-94-1	3,3'-Dichlorobenzidine	1300	U
218-01-9	Chrysene	2300	
117-81-7	bis(2-Ethylhexyl)phthalate	350	JB
117-84-0	Di-n-octylphthalate	1300	U
205-99-2	Benzo[b]fluoranthene	1500	
207-08-9	Benzo[k]fluoranthene	1400	
50-32-8	Benzo[a]pyrene	1500	
193-39-5	Indeno[1,2,3-cd]pyrene	750	J
53-70-3	Dibenz[a,h]anthracene	290	J
191-24-2	Benzo[g,h,i]perylene	700	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **B-74**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.16

Sample wt/vol: 10.3 (g/ml) G Lab File ID: BN02995.D

Level: (low/med) LOW Date Received: 3/30/99

% Moisture: 22.65 decanted: (Y/N) N Date Extracted: 3/31/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/6/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 17 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000000-00-0	1,15-Pentadecanediol	17.88	1300	JN
2. 002765-11-9	Pentadecanal-	19.90	7300	JN
3.	unknown	21.00	3800	J
4. 000057-11-4	Octadecanoic acid	21.21	12000	JN
5. 000072-54-8	1,1-Dichloro-2,2-bis(p-chlorophen	21.61	4600	JN
6.	unknown	21.75	5700	J
7. 000072-54-8	1,1-Dichloro-2,2-bis(p-chlorophen	22.24	13000	JN
8. 006624-79-9	1-Dotriacontanol	23.89	29000	JN
9. 000112-85-6	Docosanoic acid	24.49	7700	JN
10. 000593-45-3	Octadecane	24.67	11000	JN
11. 000629-78-7	Heptadecane	25.41	7200	JN
12. 100965-64-8	2,2'-Methylenebis[3,4,6-trichloroa	25.91	7200	JN
13. 000629-97-0	Docosane	27.45	6200	JN
14. 000544-85-4	Dotriacontane	28.09	9300	JN
15. 000630-06-8	Hexatriacontane	28.70	5900	JN
16. 007098-22-8	Tetratetracontane	29.31	5200	JN
17. 000629-62-9	Pentadecane	30.75	4000	JN

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-75

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.18

Sample wt/vol: 10.16 (g/ml) G Lab File ID: BN02971.D

Level: (low/med) LOW Date Received: 3/30/99

% Moisture: 11.6 decanted:(Y/N) N Date Extracted: 3/31/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/2/99

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

Field ID: B-75

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.18

Sample wt/vol: 10.16 (g/ml) G Lab File ID: BN02971.D

Level: (low/med) LOW Date Received: 3/30/99

% Moisture: 11.6 decanted:(Y/N) N Date Extracted: 3/31/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/2/99

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	130	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-75**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.18

Sample wt/vol: 10.16 (g/ml) G Lab File ID: BN02971.D

Level: (low/med) LOW Date Received: 3/30/99

% Moisture: 11.6 decanted: (Y/N) N Date Extracted: 3/31/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/2/99

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. 001454-84-8	1-Nonadecanol	23.86	4400	JN
2. 015965-99-8	Oxirane, [(hexadecyloxy)methyl]-	25.37	1300	JN
3. 000112-95-8	Eicosane	26.75	950	JN
4. 007098-22-8	Tetratetracontane	28.04	970	JN

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-76

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.20

Sample wt/vol: 10.14 (g/ml) G Lab File ID: BN02996.D

Level: (low/med) LOW Date Received: 3/30/99

% Moisture: 21.11 decanted:(Y/N) N Date Extracted: 3/31/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/6/99

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

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-76

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.20

Sample wt/vol: 10.14 (g/ml) G Lab File ID: BN02996.D

Level: (low/med) LOW Date Received: 3/30/99

% Moisture: 21.11 decanted:(Y/N) N Date Extracted: 3/31/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/6/99

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	220	JB
206-44-0	Fluoranthene	200	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	200	J
117-81-7	bis(2-Ethylhexyl)phthalate	180	JB
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo[b]fluoranthene	130	J
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-76**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.20

Sample wt/vol: 10.14 (g/ml) G Lab File ID: BN02996.D

Level: (low/med) LOW Date Received: 3/30/99

% Moisture: 21.11 decanted: (Y/N) N Date Extracted: 3/31/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/6/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 18 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000060-33-3	9,12-Octadecadienoic acid (Z,Z)-	20.96	1200	JN
2. 000112-80-1	Oleic Acid	21.01	4400	JN
3. 000057-11-4	Octadecanoic acid	21.21	2500	JN
4. 000072-54-8	1,1-Dichloro-2,2-bis(p-chlorophen	22.23	1600	JN
5.	unknown	22.54	6400	J
6.	unknown	22.80	2900	J
7. 000506-30-9	Eicosanoic acid	22.91	1900	JN
8.	unknown	23.31	2300	J
9. 056554-86-0	17-Octadecenal	23.38	1200	JN
10. 000112-92-5	1-Octadecanol	23.89	5900	JN
11.	unknown	24.00	1800	J
12. 000112-85-6	Docosanoic acid	24.50	3600	JN
13. 006624-79-9	1-Dotriacontanol	25.40	2300	JN
14. 002363-71-5	Heneicosanoic acid	25.97	6300	JN
15.	unknown	28.06	4700	J
16.	unknown	28.76	1500	J
17. 000083-47-6	.gamma.-Sitosterol	29.64	6000	JN
18. 001058-61-3	Stigmast-4-en-3-one	30.66	2800	JN

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-77

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.22

Sample wt/vol: 10.01 (g/ml) G Lab File ID: BN02997.D

Level: (low/med) LOW Date Received: 3/30/99

% Moisture: 11.15 decanted:(Y/N) N Date Extracted: 3/31/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/6/99

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

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-77

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.22

Sample wt/vol: 10.01 (g/ml) G Lab File ID: BN02997.D

Level: (low/med) LOW Date Received: 3/30/99

% Moisture: 11.15 decanted:(Y/N) N Date Extracted: 3/31/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/6/99

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	140	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	160	JB
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	200	J
117-81-7	bis(2-Ethylhexyl)phthalate	270	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-77**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.22

Sample wt/vol: 10.01 (g/ml) G Lab File ID: BN02997.D

Level: (low/med) LOW Date Received: 3/30/99

% Moisture: 11.15 decanted: (Y/N) N Date Extracted: 3/31/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/6/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 12 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000112-80-1	Oleic Acid	21.03	8200	JN
2. 000057-11-4	Octadecanoic acid	21.22	2400	JN
3.	unknown	21.90	1900	J
4. 000053-19-0	Mitotane	22.23	1900	JN
5.	unknown	22.54	4200	J
6.	unknown	22.81	3700	J
7.	unknown	22.96	2200	J
8.	unknown	23.04	2200	J
9. 001599-67-3	1-Docosene	23.91	4500	JN
10.	unknown	24.04	2900	J
11. 000112-85-6	Docosanoic acid	24.51	2400	JN
12.	unknown	24.61	2900	J

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-78

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.24

Sample wt/vol: 10.18 (g/ml) G Lab File ID: BN02998.D

Level: (low/med) LOW Date Received: 3/30/99

% Moisture: 30.34 decanted:(Y/N) N Date Extracted: 3/31/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/6/99

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	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	400	J
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	300	J
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

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-78

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.24

Sample wt/vol: 10.18 (g/ml) G Lab File ID: BN02998.D

Level: (low/med) LOW Date Received: 3/30/99

% Moisture: 30.34 decanted:(Y/N) N Date Extracted: 3/31/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/6/99

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	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	230	JB
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	290	J
120-12-7	Anthracene	1400	U
84-74-2	Di-n-butylphthalate	920	JB
206-44-0	Fluoranthene	400	J
92-87-5	Benzidine	1400	U
129-00-0	Pyrene	550	J
85-68-7	Butylbenzylphthalate	1400	U
56-55-3	Benzo[a]anthracene	160	J
91-94-1	3,3'-Dichlorobenzidine	1400	U
218-01-9	Chrysene	470	J
117-81-7	bis(2-Ethylhexyl)phthalate	5000	
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-78**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.24

Sample wt/vol: 10.18 (g/ml) G Lab File ID: BN02998.D

Level: (low/med) LOW Date Received: 3/30/99

% Moisture: 30.34 decanted: (Y/N) N Date Extracted: 3/31/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/6/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 22 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	8.02	1300	J
2.	unknown	12.61	13000	J
3. 000128-37-0	Butylated Hydroxytoluene	14.56	1700	JN
4. 003910-35-8	1H-Indene, 2,3-dihydro-1,1,3-trim	16.93	1800	JN
5.	unknown	17.68	2100	J
6. 055702-45-9	1,1'-Biphenyl, 2,3,6-trichloro-	18.02	1700	JN
7.	unknown	18.47	1600	J
8. 016606-02-3	1,1'-Biphenyl, 2,4',5-trichloro-	18.58	4900	JN
9. 025323-68-6	1,1'-Biphenyl, trichloro-	18.92	1200	JN
10.	unknown	19.54	2400	J
11.	unknown	19.61	1500	J
12.	unknown	19.65	4500	J
13.	unknown	19.98	4100	J
14.	unknown	20.10	1700	J
15.	unknown	20.71	1700	J
16. 000057-11-4	Octadecanoic acid	21.29	2500	JN
17.	unknown	21.81	9400	J
18. 000603-11-2	1,2-Benzenedicarboxylic acid, 3-n	24.24	5600	JN
19. 000112-95-8	Eicosane	24.68	1200	JN
20. 000593-49-7	Heptacosane	25.41	5800	JN
21. 000000-00-0	10-Methylnonadecane	26.80	5600	JN
22. 000629-94-7	Heneicosane	28.09	4600	JN

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-79

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.28

Sample wt/vol: 10.2 (g/ml) G Lab File ID: BN03002.D

Level: (low/med) LOW Date Received: 3/30/99

% Moisture: 21.77 decanted:(Y/N) N Date Extracted: 3/31/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/6/99

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	1300	U
62-75-9	N-nitroso-dimethylamine	1300	U
62-53-3	Aniline	1300	U
108-95-2	Phenol	1300	U
111-44-4	bis(2-Chloroethyl)ether	1300	U
95-57-8	2-Chlorophenol	1300	U
541-73-1	1,3-Dichlorobenzene	1300	U
106-46-7	1,4-Dichlorobenzene	1300	U
100-51-6	Benzyl alcohol	1300	U
95-50-1	1,2-Dichlorobenzene	1300	U
	2-Methylphenol	1300	U
108-60-1	bis(2-chloroisopropyl)ether	1300	U
	4-Methylphenol	1300	U
621-64-7	n-Nitroso-di-n-propylamine	1300	U
67-72-1	Hexachloroethane	1300	U
98-95-3	Nitrobenzene	1300	U
78-59-1	Isophorone	1300	U
88-75-5	2-Nitrophenol	1300	U
105-67-9	2,4-Dimethylphenol	1300	U
111-91-1	bis(2-Chloroethoxy)methane	1300	U
120-83-2	2,4-Dichlorophenol	1300	U
65-85-0	Benzoic Acid	1300	U
120-82-1	1,2,4-Trichlorobenzene	1300	U
91-20-3	Naphthalene	1300	U
106-47-8	4-Chloroaniline	1300	U
87-68-3	Hexachlorobutadiene	1300	U
59-50-7	4-Chloro-3-methylphenol	1300	U
91-57-6	2-Methylnaphthalene	1300	U
77-47-4	Hexachlorocyclopentadiene	1300	U
88-06-2	2,4,6-Trichlorophenol	1300	U
	2,4,5-Trichlorophenol	1300	U
91-58-7	2-Chloronaphthalene	1300	U
88-74-4	2-Nitroaniline	1300	U
131-11-3	Dimethylphthalate	1300	U
208-96-8	Acenaphthylene	140	J
606-20-2	2,6-Dinitrotoluene	1300	U
99-09-2	3-Nitroaniline	1300	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **B-79**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.28

Sample wt/vol: 10.2 (g/ml) G Lab File ID: BN03002.D

Level: (low/med) LOW Date Received: 3/30/99

% Moisture: 21.77 decanted:(Y/N) N Date Extracted: 3/31/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/6/99

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	1300	U
51-28-5	2,4-Dinitrophenol	1300	U
132-64-9	Dibenzofuran	1300	U
100-02-7	4-Nitrophenol	1300	U
121-14-2	2,4-Dinitrotoluene	1300	U
84-66-2	Diethylphthalate	1300	U
86-73-7	Fluorene	1300	U
7005-72-3	4-Chlorophenyl-phenylether	1300	U
100-01-6	4-Nitroaniline	1300	U
534-52-1	4,6-Dinitro-2-methylphenol	1300	U
86-30-6	n-Nitrosodiphenylamine	1300	U
103-33-3	Azobenzene	1300	U
101-55-3	4-Bromophenyl-phenylether	1300	U
118-74-1	Hexachlorobenzene	1300	U
87-86-5	Pentachlorophenol	1300	U
85-01-8	Phenanthrene	150	J
120-12-7	Anthracene	1300	U
84-74-2	Di-n-butylphthalate	450	JB
206-44-0	Fluoranthene	380	J
92-87-5	Benzidine	1300	U
129-00-0	Pyrene	450	J
85-68-7	Butylbenzylphthalate	1300	U
56-55-3	Benzo[a]anthracene	260	J
91-94-1	3,3'-Dichlorobenzidine	1300	U
218-01-9	Chrysene	480	J
117-81-7	bis(2-Ethylhexyl)phthalate	1300	U
117-84-0	Di-n-octylphthalate	1300	U
205-99-2	Benzo[b]fluoranthene	290	J
207-08-9	Benzo[k]fluoranthene	280	J
50-32-8	Benzo[a]pyrene	330	J
193-39-5	Indeno[1,2,3-cd]pyrene	1300	U
53-70-3	Dibenz[a,h]anthracene	1300	U
191-24-2	Benzo[g,h,i]perylene	1300	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **B-79**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.28

Sample wt/vol: 10.2 (g/ml) G Lab File ID: BN03002.D

Level: (low/med) LOW Date Received: 3/30/99

% Moisture: 21.77 decanted: (Y/N) N Date Extracted: 3/31/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/6/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 7 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000089-18-9	1,2-Benzenedicarboxylic acid, but	18.46	1400	JN
2. 000511-15-9	2-Phenanthrenol, 4b,5,6,7,8,8a,9,	22.56	1900	JN
3. 000112-92-5	1-Octadecanol	23.87	2900	JN
4. 001454-84-8	1-Nonadecanol	25.39	1500	JN
5. 100965-64-8	2,2'-Methylenebis[3,4,6-trichloroa	25.88	1200	JN
6. 056554-86-0	17-Octadecenal	27.73	1100	JN
7. 000630-06-8	Hexatriacontane	28.07	3000	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **B-80**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.30

Sample wt/vol: 10.11 (g/ml) G Lab File ID: BN03014.D

Level: (low/med) LOW Date Received: 3/30/99

% Moisture: 7.33 decanted:(Y/N) N Date Extracted: 3/31/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/7/99

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	390	J
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-80

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.30

Sample wt/vol: 10.11 (g/ml) G Lab File ID: BN03014.D

Level: (low/med) LOW Date Received: 3/30/99

% Moisture: 7.33 decanted:(Y/N) N Date Extracted: 3/31/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/7/99

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	170	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	480	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	3600	
120-12-7	Anthracene	1600	
84-74-2	Di-n-butylphthalate	320	JB
206-44-0	Fluoranthene	8900	
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	8000	
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	5200	
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	7200	
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	6000	
207-08-9	Benzo[k]fluoranthene	4700	
50-32-8	Benzo[a]pyrene	4800	
193-39-5	Indeno[1,2,3-cd]pyrene	2000	
53-70-3	Dibenz[a,h]anthracene	1000	J
191-24-2	Benzo[g,h,i]perylene	1700	

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **B-80**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.30

Sample wt/vol: 10.11 (g/ml) G Lab File ID: BN03014.D

Level: (low/med) LOW Date Received: 3/30/99

% Moisture: 7.33 decanted: (Y/N) N Date Extracted: 3/31/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/7/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 12 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	18.46	930	J
2. 000613-12-7	Anthracene, 2-methyl-	18.83	930	JN
3.	unknown	19.01	1800	J
4.	unknown	21.75	970	J
5. 000082-05-3	7H-Benz[de]anthracen-7-one	22.96	860	JN
6.	unknown	23.26	1200	J
7. 002461-18-9	Oxirane, [(dodecyloxy)methyl]-	25.39	3100	JN
8. 000205-82-3	Benzo[j]fluoranthene	26.34	2100	JN
9. 000198-55-0	Perylene	26.68	5800	JN
10. 000638-66-4	Octadecanal	27.73	3100	JN
11. 007098-22-8	Tetratetracontane	28.07	3200	JN
12. 056554-89-3	14-Octadecenal	28.99	2200	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **B-81**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.32

Sample wt/vol: 10.19 (g/ml) G Lab File ID: BN03036.D

Level: (low/med) LOW Date Received: 3/30/99

% Moisture: 17.92 decanted:(Y/N) N Date Extracted: 3/31/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/8/99

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	500	J
208-96-8	Acenaphthylene	1200	U
606-20-2	2,6-Dinitrotoluene	1200	U
99-09-2	3-Nitroaniline	1200	U

001998

1C

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-81

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.32

Sample wt/vol: 10.19 (g/ml) G Lab File ID: BN03036.D

Level: (low/med) LOW Date Received: 3/30/99

% Moisture: 17.92 decanted:(Y/N) N Date Extracted: 3/31/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/8/99

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	400	J
120-12-7	Anthracene	240	J
84-74-2	Di-n-butylphthalate	420	JB
206-44-0	Fluoranthene	740	J
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	1200	J
85-68-7	Butylbenzylphthalate	1200	U
56-55-3	Benzo[a]anthracene	400	J
91-94-1	3,3'-Dichlorobenzidine	1200	U
218-01-9	Chrysene	1100	J
117-81-7	bis(2-Ethylhexyl)phthalate	210	J
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo[b]fluoranthene	700	J
207-08-9	Benzo[k]fluoranthene	540	J
50-32-8	Benzo[a]pyrene	890	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-81**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.32

Sample wt/vol: 10.19 (g/ml) G Lab File ID: BN03036.D

Level: (low/med) LOW Date Received: 3/30/99

% Moisture: 17.92 decanted: (Y/N) N Date Extracted: 3/31/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/8/99

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	8.00	1400	J
2. 003187-58-4	Benzoic acid, 2,4-dihydroxy-6-me	16.37	3500	JN
3. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.45	1100	JN
4.	unknown	20.70	1300	J
5. 000057-11-4	Octadecanoic acid	21.21	1900	JN
6.	unknown	22.23	1000	J
7. 074685-30-6	5-Eicosene, (E)-	23.90	4800	JN

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-82

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.34

Sample wt/vol: 10.06 (g/ml) G Lab File ID: BN03003.D

Level: (low/med) LOW Date Received: 3/30/99

% Moisture: 6.89 decanted:(Y/N) N Date Extracted: 3/31/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/6/99

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-82**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.34

Sample wt/vol: 10.06 (g/ml) G Lab File ID: BN03003.D

Level: (low/med) LOW Date Received: 3/30/99

% Moisture: 6.89 decanted:(Y/N) N Date Extracted: 3/31/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/6/99

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	1100	U
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-82**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.34

Sample wt/vol: 10.06 (g/ml) G Lab File ID: BN03003.D

Level: (low/med) LOW Date Received: 3/30/99

% Moisture: 6.89 decanted: (Y/N) N Date Extracted: 3/31/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/6/99

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. 000100-52-7	Benzaldehyde	6.41	2100	JN
2. 000112-92-5	1-Octadecanol	23.87	2200	JN

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-83

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.38

Sample wt/vol: 10.03 (g/ml) G Lab File ID: BN02981.D

Level: (low/med) LOW Date Received: 3/30/99

% Moisture: 16.94 decanted:(Y/N) N Date Extracted: 3/31/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/5/99

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

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-83

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.38

Sample wt/vol: 10.03 (g/ml) G Lab File ID: BN02981.D

Level: (low/med) LOW Date Received: 3/30/99

% Moisture: 16.94 decanted:(Y/N) N Date Extracted: 3/31/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/5/99

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	140	JB
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	220	JB
206-44-0	Fluoranthene	190	J
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	160	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	200	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-83**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.38

Sample wt/vol: 10.03 (g/ml) G Lab File ID: BN02981.D

Level: (low/med) LOW Date Received: 3/30/99

% Moisture: 16.94 decanted: (Y/N) N Date Extracted: 3/31/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/5/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	000112-92-5	1-Octadecanol	23.85	3500	JN

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-84

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.40

Sample wt/vol: 10.01 (g/ml) G Lab File ID: BN02992.D

Level: (low/med) LOW Date Received: 3/30/99

% Moisture: 13.53 decanted:(Y/N) N Date Extracted: 3/31/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/6/99

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

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-84

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.40

Sample wt/vol: 10.01 (g/ml) G Lab File ID: BN02992.D

Level: (low/med) LOW Date Received: 3/30/99

% Moisture: 13.53 decanted:(Y/N) N Date Extracted: 3/31/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/6/99

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	160	JB
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	200	J
120-12-7	Anthracene	1200	U
84-74-2	Di-n-butylphthalate	160	JB
206-44-0	Fluoranthene	440	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	270	J
91-94-1	3,3'-Dichlorobenzidine	1200	U
218-01-9	Chrysene	500	J
117-81-7	bis(2-Ethylhexyl)phthalate	1200	U
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo[b]fluoranthene	230	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	210	J
53-70-3	Dibenz[a,h]anthracene	1200	U
191-24-2	Benzo[g,h,i]perylene	230	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **B-84**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.40

Sample wt/vol: 10.01 (g/ml) G Lab File ID: BN02992.D

Level: (low/med) LOW Date Received: 3/30/99

% Moisture: 13.53 decanted: (Y/N) N Date Extracted: 3/31/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/6/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 8 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 001740-19-8	1-Phenanthrenecarboxylic acid, 1	23.61	1300	JN
2. 001454-84-8	1-Nonadecanol	23.87	5200	JN
3. 000000-00-0	Acetamide, N-methyl-N-[4-[4-met	25.38	1200	JN
4. 056554-86-0	17-Octadecenal	26.37	1000	JN
5. 006971-40-0	17-Pentatriacontene	26.79	2000	JN
6. 077899-10-6	(Z)14-Tricosenyl formate	27.72	2700	JN
7. 000112-95-8	Eicosane	28.05	1700	JN
8. 001599-67-3	1-Docosene	28.11	2300	JN

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-85

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.42

Sample wt/vol: 10.42 (g/ml) G Lab File ID: BN02982.D

Level: (low/med) LOW Date Received: 3/30/99

% Moisture: 15.08 decanted:(Y/N) N Date Extracted: 3/31/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/5/99

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

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-85

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.42

Sample wt/vol: 10.42 (g/ml) G Lab File ID: BN02982.D

Level: (low/med) LOW Date Received: 3/30/99

% Moisture: 15.08 decanted:(Y/N) N Date Extracted: 3/31/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/5/99

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	180	JB
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	690	JB
206-44-0	Fluoranthene	450	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	420	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	250	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	450	J
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	220	J
207-08-9	Benzo[k]fluoranthene	260	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	200	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **B-85**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.42

Sample wt/vol: 10.42 (g/ml) G Lab File ID: BN02982.D

Level: (low/med) LOW Date Received: 3/30/99

% Moisture: 15.08 decanted: (Y/N) N Date Extracted: 3/31/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/5/99

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.	unknown	18.45	1900	J
2. 000112-92-5	1-Octadecanol	23.86	4000	JN
3. 000629-99-2	Pentacosane	28.04	1100	JN
4. 006971-40-0	17-Pentatriacontene	28.10	1000	JN

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-86

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.44

Sample wt/vol: 10.14 (g/ml) G Lab File ID: BN03013.D

Level: (low/med) LOW Date Received: 3/30/99

% Moisture: 31.18 decanted:(Y/N) N Date Extracted: 3/31/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/7/99

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	410	J
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	210	J
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

Field ID: B-86

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.44

Sample wt/vol: 10.14 (g/ml) G Lab File ID: BN03013.D

Level: (low/med) LOW Date Received: 3/30/99

% Moisture: 31.18 decanted:(Y/N) N Date Extracted: 3/31/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/7/99

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	1400	U
51-28-5	2,4-Dinitrophenol	1400	U
132-64-9	Dibenzofuran	1400	U
100-02-7	4-Nitrophenol	1400	U
121-14-2	2,4-Dinitrotoluene	1400	U
84-66-2	Diethylphthalate	1400	U
86-73-7	Fluorene	1400	U
7005-72-3	4-Chlorophenyl-phenylether	1400	U
100-01-6	4-Nitroaniline	1400	U
534-52-1	4,6-Dinitro-2-methylphenol	1400	U
86-30-6	n-Nitrosodiphenylamine	1400	U
103-33-3	Azobenzene	1400	U
101-55-3	4-Bromophenyl-phenylether	1400	U
118-74-1	Hexachlorobenzene	1400	U
87-86-5	Pentachlorophenol	1400	U
85-01-8	Phenanthrene	380	J
120-12-7	Anthracene	1400	U
84-74-2	Di-n-butylphthalate	150	JB
206-44-0	Fluoranthene	610	J
92-87-5	Benzidine	1400	U
129-00-0	Pyrene	520	J
85-68-7	Butylbenzylphthalate	1400	U
56-55-3	Benzo[a]anthracene	250	J
91-94-1	3,3'-Dichlorobenzidine	1400	U
218-01-9	Chrysene	450	J
117-81-7	bis(2-Ethylhexyl)phthalate	580	J
117-84-0	Di-n-octylphthalate	1400	U
205-99-2	Benzo[b]fluoranthene	240	J
207-08-9	Benzo[k]fluoranthene	230	J
50-32-8	Benzo[a]pyrene	250	J
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-86**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.44

Sample wt/vol: 10.14 (g/ml) G Lab File ID: BN03013.D

Level: (low/med) LOW Date Received: 3/30/99

% Moisture: 31.18 decanted: (Y/N) N Date Extracted: 3/31/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/7/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 16 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	8.02	1700	J
2. 000475-20-7	1,4-Methanoazulene, decahydro-	13.25	3100	JN
3. 000077-53-2	Cedrol	15.67	1200	JN
4. 028994-41-4	Phenol, 2-(phenylmethyl)-	16.57	2300	JN
5.	unknown	17.66	1400	J
6.	unknown	19.97	2400	J
7.	unknown	20.70	3300	J
8.	unknown	21.00	2100	J
9. 000057-11-4	Octadecanoic acid	21.19	1800	JN
10. 007396-38-5	Phenanthrene, 2,4,5,7-tetramethy	21.76	5000	JN
11. 000511-15-9	2-Phenanthrenol, 4b,5,6,7,8,8a,9,	22.55	2000	JN
12. 001740-19-8	1-Phenanthrenecarboxylic acid, 1	23.63	1600	JN
13. 000112-92-5	1-Octadecanol	23.88	6500	JN
14. 000629-50-5	Tridecane	25.39	3800	JN
15. 000112-95-8	Eicosane	27.43	2000	JN
16. 000630-07-9	Pentatriacontane	28.07	3600	JN

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-87

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.46

Sample wt/vol: 10.14 (g/ml) G Lab File ID: BN02991.D

Level: (low/med) LOW Date Received: 3/30/99

% Moisture: 61.81 decanted:(Y/N) N Date Extracted: 3/31/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/6/99

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	2600	U
62-75-9	N-nitroso-dimethylamine	2600	U
62-53-3	Aniline	2600	U
108-95-2	Phenol	2600	U
111-44-4	bis(2-Chloroethyl)ether	2600	U
95-57-8	2-Chlorophenol	2600	U
541-73-1	1,3-Dichlorobenzene	2600	U
106-46-7	1,4-Dichlorobenzene	2600	U
100-51-6	Benzyl alcohol	2600	U
95-50-1	1,2-Dichlorobenzene	2600	U
	2-Methylphenol	2600	U
108-60-1	bis(2-chloroisopropyl)ether	2600	U
	4-Methylphenol	2600	U
621-64-7	n-Nitroso-di-n-propylamine	2600	U
67-72-1	Hexachloroethane	2600	U
98-95-3	Nitrobenzene	2600	U
78-59-1	Isophorone	2600	U
88-75-5	2-Nitrophenol	2600	U
105-67-9	2,4-Dimethylphenol	2600	U
111-91-1	bis(2-Chloroethoxy)methane	2600	U
120-83-2	2,4-Dichlorophenol	2600	U
65-85-0	Benzoic Acid	2600	U
120-82-1	1,2,4-Trichlorobenzene	2600	U
91-20-3	Naphthalene	2600	U
106-47-8	4-Chloroaniline	2600	U
87-68-3	Hexachlorobutadiene	2600	U
59-50-7	4-Chloro-3-methylphenol	2600	U
91-57-6	2-Methylnaphthalene	2600	U
77-47-4	Hexachlorocyclopentadiene	2600	U
88-06-2	2,4,6-Trichlorophenol	2600	U
	2,4,5-Trichlorophenol	2600	U
91-58-7	2-Chloronaphthalene	2600	U
88-74-4	2-Nitroaniline	2600	U
131-11-3	Dimethylphthalate	2600	U
208-96-8	Acenaphthylene	2600	U
606-20-2	2,6-Dinitrotoluene	2600	U
99-09-2	3-Nitroaniline	2600	U

1C

Field ID: B-87

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.46

Sample wt/vol: 10.14 (g/ml) G Lab File ID: BN02991.D

Level: (low/med) LOW Date Received: 3/30/99

% Moisture: 61.81 decanted:(Y/N) N Date Extracted: 3/31/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/6/99

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	2600	U
51-28-5	2,4-Dinitrophenol	2600	U
132-64-9	Dibenzofuran	2600	U
100-02-7	4-Nitrophenol	2600	U
121-14-2	2,4-Dinitrotoluene	2600	U
84-66-2	Diethylphthalate	400	JB
86-73-7	Fluorene	2600	U
7005-72-3	4-Chlorophenyl-phenylether	2600	U
100-01-6	4-Nitroaniline	2600	U
534-52-1	4,6-Dinitro-2-methylphenol	2600	U
86-30-6	n-Nitrosodiphenylamine	2600	U
103-33-3	Azobenzene	2600	U
101-55-3	4-Bromophenyl-phenylether	2600	U
118-74-1	Hexachlorobenzene	2600	U
87-86-5	Pentachlorophenol	2600	U
85-01-8	Phenanthrene	630	J
120-12-7	Anthracene	2600	U
84-74-2	Di-n-butylphthalate	1100	JB
206-44-0	Fluoranthene	2600	U
92-87-5	Benzidine	2600	U
129-00-0	Pyrene	2600	U
85-68-7	Butylbenzylphthalate	2600	U
56-55-3	Benzo[a]anthracene	2600	U
91-94-1	3,3'-Dichlorobenzidine	2600	U
218-01-9	Chrysene	2600	U
117-81-7	bis(2-Ethylhexyl)phthalate	9300	
117-84-0	Di-n-octylphthalate	2600	U
205-99-2	Benzo[b]fluoranthene	2600	U
207-08-9	Benzo[k]fluoranthene	2600	U
50-32-8	Benzo[a]pyrene	2600	U
193-39-5	Indeno[1,2,3-cd]pyrene	2600	U
53-70-3	Dibenz[a,h]anthracene	2600	U
191-24-2	Benzo[g,h,i]perylene	2600	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **B-87**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.46

Sample wt/vol: 10.14 (g/ml) G Lab File ID: BN02991.D

Level: (low/med) LOW Date Received: 3/30/99

% Moisture: 61.81 decanted: (Y/N) N Date Extracted: 3/31/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/6/99

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.	unknown	12.40	8200	J
2. 000143-07-7	Dodecanoic acid	15.21	2800	JN
3. 075163-97-2	Octadecane, 2,6-dimethyl-	16.68	3900	JN
4. 002050-68-2	1,1'-Biphenyl, 4,4'-dichloro-	16.74	2900	JN

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-88

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.48 (1:10)

Sample wt/vol: 10.22 (g/ml) G Lab File ID: BN03035.D

Level: (low/med) LOW Date Received: 3/30/99

% Moisture: 11.4 decanted:(Y/N) N Date Extracted: 3/31/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/8/99

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
110-86-1	Pyridine	11000	U
62-75-9	N-nitroso-dimethylamine	11000	U
62-53-3	Aniline	11000	U
108-95-2	Phenol	11000	U
111-44-4	bis(2-Chloroethyl)ether	11000	U
95-57-8	2-Chlorophenol	11000	U
541-73-1	1,3-Dichlorobenzene	11000	U
106-46-7	1,4-Dichlorobenzene	11000	U
100-51-6	Benzyl alcohol	11000	U
95-50-1	1,2-Dichlorobenzene	11000	U
	2-Methylphenol	11000	U
108-60-1	bis(2-chloroisopropyl)ether	11000	U
	4-Methylphenol	11000	U
621-64-7	n-Nitroso-di-n-propylamine	11000	U
67-72-1	Hexachloroethane	11000	U
98-95-3	Nitrobenzene	11000	U
78-59-1	Isophorone	11000	U
88-75-5	2-Nitrophenol	11000	U
105-67-9	2,4-Dimethylphenol	11000	U
111-91-1	bis(2-Chloroethoxy)methane	11000	U
120-83-2	2,4-Dichlorophenol	11000	U
65-85-0	Benzoic Acid	11000	U
120-82-1	1,2,4-Trichlorobenzene	11000	U
91-20-3	Naphthalene	11000	U
106-47-8	4-Chloroaniline	11000	U
87-68-3	Hexachlorobutadiene	11000	U
59-50-7	4-Chloro-3-methylphenol	11000	U
91-57-6	2-Methylnaphthalene	11000	U
77-47-4	Hexachlorocyclopentadiene	11000	U
88-06-2	2,4,6-Trichlorophenol	11000	U
	2,4,5-Trichlorophenol	11000	U
91-58-7	2-Chloronaphthalene	11000	U
88-74-4	2-Nitroaniline	11000	U
131-11-3	Dimethylphthalate	11000	U
208-96-8	Acenaphthylene	1700	JD
606-20-2	2,6-Dinitrotoluene	11000	U
99-09-2	3-Nitroaniline	11000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **B-88**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.48 (1:10)

Sample wt/vol: 10.22 (g/ml) G Lab File ID: BN03035.D

Level: (low/med) LOW Date Received: 3/30/99

% Moisture: 11.4 decanted:(Y/N) N Date Extracted: 3/31/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/8/99

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	11000	U
51-28-5	2,4-Dinitrophenol	11000	U
132-64-9	Dibenzofuran	1400	JD
100-02-7	4-Nitrophenol	11000	U
121-14-2	2,4-Dinitrotoluene	11000	U
84-66-2	Diethylphthalate	11000	U
86-73-7	Fluorene	3900	JD
7005-72-3	4-Chlorophenyl-phenylether	11000	U
100-01-6	4-Nitroaniline	11000	U
534-52-1	4,6-Dinitro-2-methylphenol	11000	U
86-30-6	n-Nitrosodiphenylamine	11000	U
103-33-3	Azobenzene	11000	U
101-55-3	4-Bromophenyl-phenylether	11000	U
118-74-1	Hexachlorobenzene	11000	U
87-86-5	Pentachlorophenol	11000	U
85-01-8	Phenanthrene	26000	D
120-12-7	Anthracene	8600	JD
84-74-2	Di-n-butylphthalate	11000	U
206-44-0	Fluoranthene	39000	D
92-87-5	Benzidine	11000	U
129-00-0	Pyrene	31000	D
85-68-7	Butylbenzylphthalate	11000	U
56-55-3	Benzo[a]anthracene	19000	D
91-94-1	3,3'-Dichlorobenzidine	11000	U
218-01-9	Chrysene	28000	D
117-81-7	bis(2-Ethylhexyl)phthalate	11000	U
117-84-0	Di-n-octylphthalate	11000	U
205-99-2	Benzo[b]fluoranthene	15000	D
207-08-9	Benzo[k]fluoranthene	15000	D
50-32-8	Benzo[a]pyrene	17000	D
193-39-5	Indeno[1,2,3-cd]pyrene	9200	JD
53-70-3	Dibenz[a,h]anthracene	4500	JD
191-24-2	Benzo[g,h,i]perylene	9200	JD

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **B-88**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4382 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4382.48 (1:10)

Sample wt/vol: 10.22 (g/ml) G Lab File ID: BN03035.D

Level: (low/med) LOW Date Received: 3/30/99

% Moisture: 11.4 decanted: (Y/N) N Date Extracted: 3/31/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/8/99

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000205-99-2	Benz[e]acephenanthrylene	26.64	11000	JND

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-89

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4389 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4389.02

Sample wt/vol: 10.03 (g/ml) G Lab File ID: BN03017.D

Level: (low/med) LOW Date Received: 4/1/99

% Moisture: 17.88 decanted:(Y/N) N Date Extracted: 4/5/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/7/99

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

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-89

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4389 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4389.02

Sample wt/vol: 10.03 (g/ml) G Lab File ID: BN03017.D

Level: (low/med) LOW Date Received: 4/1/99

% Moisture: 17.88 decanted:(Y/N) N Date Extracted: 4/5/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/7/99

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	1000	JB
206-44-0	Fluoranthene	1200	U
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	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	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 Code 13461

Project: 98-0211 Case No.: 4389 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4389.02

Sample wt/vol: 10.03 (g/ml) G Lab File ID: BN03017.D

Level: (low/med) LOW Date Received: 4/1/99

% Moisture: 17.88 decanted: (Y/N) N Date Extracted: 4/5/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/7/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 6 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.46	1800	JN
2. 000057-11-4	Octadecanoic acid	21.19	1100	JN
3. 000053-19-0	Mitotane	22.23	1000	JN
4. 000112-92-5	1-Octadecanol	23.89	6300	JN
5. 006765-39-5	1-Heptadecene	25.39	2100	JN
6.	unknown	28.77	2000	J

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-90

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4389 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4389.04

Sample wt/vol: 10.2 (g/ml) G Lab File ID: BN03049.D

Level: (low/med) LOW Date Received: 4/1/99

% Moisture: 14.47 decanted:(Y/N) N Date Extracted: 4/5/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/9/99

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

Field ID: B-90

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4389 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4389.04

Sample wt/vol: 10.2 (g/ml) G Lab File ID: BN03049.D

Level: (low/med) LOW Date Received: 4/1/99

% Moisture: 14.47 decanted:(Y/N) N Date Extracted: 4/5/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/9/99

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	360	JB
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	200	J
117-81-7	bis(2-Ethylhexyl)phthalate	320	J
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	150	J
207-08-9	Benzo[k]fluoranthene	140	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-90**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4389 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4389.04

Sample wt/vol: 10.2 (g/ml) G Lab File ID: BN03049.D

Level: (low/med) LOW Date Received: 4/1/99

% Moisture: 14.47 decanted: (Y/N) N Date Extracted: 4/5/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/9/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 8 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 001454-84-8	1-Nonadecanol	23.87	5100	JN
2. 002136-70-1	Ethanol, 2-(tetradecyloxy)-	25.38	5600	JN
3.	unknown	25.93	940	J
4. 056554-86-0	17-Octadecenal	26.38	3000	JN
5. 001599-67-3	1-Docosene	26.80	7700	JN
6. 000638-66-4	Octadecanal	27.73	6000	JN
7. 000112-95-8	Eicosane	28.06	2000	JN
8. 000629-96-9	1-Eicosanol	28.12	2000	JN

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-91

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4389 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4389.06 (1:5)

Sample wt/vol: 10.21 (g/ml) G Lab File ID: BNA02428.D

Level: (low/med) LOW Date Received: 4/1/99

% Moisture: 43.77 decanted:(Y/N) N Date Extracted: 4/5/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/9/99

Injection Volume: 1.0 (uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	8700	U
62-75-9	N-nitroso-dimethylamine	8700	U
62-53-3	Aniline	8700	U
108-95-2	Phenol	8700	U
111-44-4	bis(2-Chloroethyl)ether	8700	U
95-57-8	2-Chlorophenol	8700	U
541-73-1	1,3-Dichlorobenzene	8700	U
106-46-7	1,4-Dichlorobenzene	3200	JD
100-51-6	Benzyl alcohol	8700	U
95-50-1	1,2-Dichlorobenzene	8700	U
	2-Methylphenol	8700	U
108-60-1	bis(2-chloroisopropyl)ether	8700	U
	4-Methylphenol	8700	U
621-64-7	n-Nitroso-di-n-propylamine	8700	U
67-72-1	Hexachloroethane	8700	U
98-95-3	Nitrobenzene	8700	U
78-59-1	Isophorone	8700	U
88-75-5	2-Nitrophenol	8700	U
105-67-9	2,4-Dimethylphenol	8700	U
111-91-1	bis(2-Chloroethoxy)methane	8700	U
120-83-2	2,4-Dichlorophenol	8700	U
65-85-0	Benzoic Acid	8700	U
120-82-1	1,2,4-Trichlorobenzene	8700	U
91-20-3	Naphthalene	3300	JD
106-47-8	4-Chloroaniline	8700	U
87-68-3	Hexachlorobutadiene	8700	U
59-50-7	4-Chloro-3-methylphenol	8700	U
91-57-6	2-Methylnaphthalene	1600	JD
77-47-4	Hexachlorocyclopentadiene	8700	U
88-06-2	2,4,6-Trichlorophenol	8700	U
	2,4,5-Trichlorophenol	8700	U
91-58-7	2-Chloronaphthalene	8700	U
88-74-4	2-Nitroaniline	8700	U
131-11-3	Dimethylphthalate	8700	U
208-96-8	Acenaphthylene	8700	U
606-20-2	2,6-Dinitrotoluene	8700	U
99-09-2	3-Nitroaniline	8700	U

1C

Field ID: B-91

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4389 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4389.06 (1:5)

Sample wt/vol: 10.21 (g/ml) G Lab File ID: BNA02428.D

Level: (low/med) LOW Date Received: 4/1/99

% Moisture: 43.77 decanted:(Y/N) N Date Extracted: 4/5/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/9/99

Injection Volume: 1.0 (uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	8700	U
51-28-5	2,4-Dinitrophenol	8700	U
132-64-9	Dibenzofuran	8700	U
100-02-7	4-Nitrophenol	8700	U
121-14-2	2,4-Dinitrotoluene	8700	U
84-66-2	Diethylphthalate	8700	U
86-73-7	Fluorene	8700	U
7005-72-3	4-Chlorophenyl-phenylether	8700	U
100-01-6	4-Nitroaniline	8700	U
534-52-1	4,6-Dinitro-2-methylphenol	8700	U
86-30-6	n-Nitrosodiphenylamine	8700	U
103-33-3	Azobenzene	8700	U
101-55-3	4-Bromophenyl-phenylether	8700	U
118-74-1	Hexachlorobenzene	8700	U
87-86-5	Pentachlorophenol	8700	U
85-01-8	Phenanthrene	1000	JD
120-12-7	Anthracene	8700	U
84-74-2	Di-n-butylphthalate	1400	JBD
206-44-0	Fluoranthene	1100	JD
92-87-5	Benzidine	8700	U
129-00-0	Pyrene	1600	JD
85-68-7	Butylbenzylphthalate	8700	U
56-55-3	Benzo[a]anthracene	1300	JD
91-94-1	3,3'-Dichlorobenzidine	8700	U
218-01-9	Chrysene	1600	JD
117-81-7	bis(2-Ethylhexyl)phthalate	2000	JD
117-84-0	Di-n-octylphthalate	8700	U
205-99-2	Benzo[b]fluoranthene	8700	U
207-08-9	Benzo[k]fluoranthene	8700	U
50-32-8	Benzo[a]pyrene	8700	U
193-39-5	Indeno[1,2,3-cd]pyrene	8700	U
53-70-3	Dibenz[a,h]anthracene	8700	U
191-24-2	Benzo[g,h,i]perylene	8700	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **B-91**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4389 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4389.06 (1:5)

Sample wt/vol: 10.21 (g/ml) G Lab File ID: BNA02428.D

Level: (low/med) LOW Date Received: 4/1/99

% Moisture: 43.77 decanted: (Y/N) N Date Extracted: 4/5/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/9/99

Injection Volume: 1.0 (uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 14 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	22.62	8300	JD
2.	unknown	23.73	8100	JD
3. 000638-67-5	Tricosane	24.12	14000	JND
4. 000112-95-8	Eicosane	24.95	22000	JND
5.	unknown	26.14	18000	JD
6.	unknown	26.36	9100	JD
7.	unknown	26.46	13000	JD
8. 000630-01-3	Hexacosane	26.51	39000	JND
9. 000629-94-7	Heneicosane	27.25	41000	JND
10. 000629-92-5	Nonadecane	27.96	50000	JND
11. 000629-97-0	Docosane	28.64	54000	JND
12. 000646-31-1	Tetracosane	29.31	41000	JND
13. 000629-78-7	Heptadecane	30.03	44000	JND
14. 007098-22-8	Tetratetracontane	30.85	21000	JND

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-92

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4389 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4389.08 (1:5)

Sample wt/vol: 10.23 (g/ml) G Lab File ID: BN03041.D

Level: (low/med) LOW Date Received: 4/1/99

% Moisture: 63.02 decanted:(Y/N) N Date Extracted: 4/5/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/9/99

Injection Volume: 1.0 (uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	13000	U
62-75-9	N-nitroso-dimethylamine	13000	U
62-53-3	Aniline	13000	U
108-95-2	Phenol	13000	U
111-44-4	bis(2-Chloroethyl)ether	13000	U
95-57-8	2-Chlorophenol	13000	U
541-73-1	1,3-Dichlorobenzene	13000	U
106-46-7	1,4-Dichlorobenzene	13000	U
100-51-6	Benzyl alcohol	13000	U
95-50-1	1,2-Dichlorobenzene	13000	U
	2-Methylphenol	13000	U
108-60-1	bis(2-chloroisopropyl)ether	13000	U
	4-Methylphenol	13000	U
621-64-7	n-Nitroso-di-n-propylamine	13000	U
67-72-1	Hexachloroethane	13000	U
98-95-3	Nitrobenzene	13000	U
78-59-1	Isophorone	13000	U
88-75-5	2-Nitrophenol	13000	U
105-67-9	2,4-Dimethylphenol	13000	U
111-91-1	bis(2-Chloroethoxy)methane	13000	U
120-83-2	2,4-Dichlorophenol	13000	U
65-85-0	Benzoic Acid	13000	U
120-82-1	1,2,4-Trichlorobenzene	13000	U
91-20-3	Naphthalene	13000	U
106-47-8	4-Chloroaniline	13000	U
87-68-3	Hexachlorobutadiene	13000	U
59-50-7	4-Chloro-3-methylphenol	13000	U
91-57-6	2-Methylnaphthalene	13000	U
77-47-4	Hexachlorocyclopentadiene	13000	U
88-06-2	2,4,6-Trichlorophenol	13000	U
	2,4,5-Trichlorophenol	13000	U
91-58-7	2-Chloronaphthalene	13000	U
88-74-4	2-Nitroaniline	13000	U
131-11-3	Dimethylphthalate	13000	U
208-96-8	Acenaphthylene	7900	JD
606-20-2	2,6-Dinitrotoluene	13000	U
99-09-2	3-Nitroaniline	13000	U

1C

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-92

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4389 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4389.08 (1:5)

Sample wt/vol: 10.23 (g/ml) G Lab File ID: BN03041.D

Level: (low/med) LOW Date Received: 4/1/99

% Moisture: 63.02 decanted:(Y/N) N Date Extracted: 4/5/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/9/99

Injection Volume: 1.0 (uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	13000	U
51-28-5	2,4-Dinitrophenol	13000	U
132-64-9	Dibenzofuran	13000	U
100-02-7	4-Nitrophenol	13000	U
121-14-2	2,4-Dinitrotoluene	13000	U
84-66-2	Diethylphthalate	13000	U
86-73-7	Fluorene	13000	U
7005-72-3	4-Chlorophenyl-phenylether	13000	U
100-01-6	4-Nitroaniline	13000	U
534-52-1	4,6-Dinitro-2-methylphenol	13000	U
86-30-6	n-Nitrosodiphenylamine	13000	U
103-33-3	Azobenzene	13000	U
101-55-3	4-Bromophenyl-phenylether	13000	U
118-74-1	Hexachlorobenzene	13000	U
87-86-5	Pentachlorophenol	13000	U
85-01-8	Phenanthrene	9900	JD
120-12-7	Anthracene	4700	JD
84-74-2	Di-n-butylphthalate	13000	U
206-44-0	Fluoranthene	16000	D
92-87-5	Benzidine	13000	U
129-00-0	Pyrene	20000	D
85-68-7	Butylbenzylphthalate	13000	U
56-55-3	Benzo[a]anthracene	13000	JD
91-94-1	3,3'-Dichlorobenzidine	13000	U
218-01-9	Chrysene	22000	D
117-81-7	bis(2-Ethylhexyl)phthalate	13000	U
117-84-0	Di-n-octylphthalate	13000	U
205-99-2	Benzo[b]fluoranthene	11000	JD
207-08-9	Benzo[k]fluoranthene	11000	JD
50-32-8	Benzo[a]pyrene	15000	D
193-39-5	Indeno[1,2,3-cd]pyrene	7800	JD
53-70-3	Dibenz[a,h]anthracene	3100	JD
191-24-2	Benzo[g,h,i]perylene	8500	JD

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **B-92**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4389 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4389.08 (1:5)

Sample wt/vol: 10.23 (g/ml) G Lab File ID: BN03041.D

Level: (low/med) LOW Date Received: 4/1/99

% Moisture: 63.02 decanted: (Y/N) N Date Extracted: 4/5/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/9/99

Injection Volume: 1.0 (uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000192-97-2	Benzo[e]pyrene	26.63	12000	JND

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-93

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4389 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4389.10

Sample wt/vol: 10.08 (g/ml) G Lab File ID: BNA02418.D

Level: (low/med) LOW Date Received: 4/1/99

% Moisture: 13.06 decanted:(Y/N) N Date Extracted: 4/5/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/8/99

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	840	J
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-93

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4389 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4389.10

Sample wt/vol: 10.08 (g/ml) G Lab File ID: BNA02418.D

Level: (low/med) LOW Date Received: 4/1/99

% Moisture: 13.06 decanted:(Y/N) N Date Extracted: 4/5/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/8/99

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	770	J
120-12-7	Anthracene	600	J
84-74-2	Di-n-butylphthalate	680	JB
206-44-0	Fluoranthene	5200	
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	8200	
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	3200	
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	6200	
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	7300	
207-08-9	Benzo[k]fluoranthene	5000	
50-32-8	Benzo[a]pyrene	7900	
193-39-5	Indeno[1,2,3-cd]pyrene	2400	
53-70-3	Dibenz[a,h]anthracene	1200	
191-24-2	Benzo[g,h,i]perylene	2000	

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **B-93**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4389 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4389.10

Sample wt/vol: 10.08 (g/ml) G Lab File ID: BNA02418.D

Level: (low/med) LOW Date Received: 4/1/99

% Moisture: 13.06 decanted: (Y/N) N Date Extracted: 4/5/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/8/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

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	25.75	3600	JN

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-94

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4389 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4389.12

Sample wt/vol: 10.1 (g/ml) G Lab File ID: BN03052.D

Level: (low/med) LOW Date Received: 4/1/99

% Moisture: 16.3 decanted:(Y/N) N Date Extracted: 4/5/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/9/99

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	270	J
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	290	J
606-20-2	2,6-Dinitrotoluene	1200	U
99-09-2	3-Nitroaniline	1200	U

1C

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-94

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4389 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4389.12

Sample wt/vol: 10.1 (g/ml) G Lab File ID: BN03052.D

Level: (low/med) LOW Date Received: 4/1/99

% Moisture: 16.3 decanted:(Y/N) N Date Extracted: 4/5/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/9/99

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	190	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	830	J
120-12-7	Anthracene	410	J
84-74-2	Di-n-butylphthalate	410	JB
206-44-0	Fluoranthene	1800	
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	2300	
85-68-7	Butylbenzylphthalate	1200	U
56-55-3	Benzo[a]anthracene	1000	J
91-94-1	3,3'-Dichlorobenzidine	1200	U
218-01-9	Chrysene	1900	
117-81-7	bis(2-Ethylhexyl)phthalate	340	J
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo[b]fluoranthene	1200	J
207-08-9	Benzo[k]fluoranthene	970	J
50-32-8	Benzo[a]pyrene	990	J
193-39-5	Indeno[1,2,3-cd]pyrene	380	J
53-70-3	Dibenz[a,h]anthracene	1200	U
191-24-2	Benzo[g,h,i]perylene	1200	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **B-94**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4389 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4389.12

Sample wt/vol: 10.1 (g/ml) G Lab File ID: BN03052.D

Level: (low/med) LOW Date Received: 4/1/99

% Moisture: 16.3 decanted: (Y/N) N Date Extracted: 4/5/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/9/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 8 CONCENTRATION UNITS: (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)-	11.68	5200	JN
2.	unknown	13.43	1100	J
3.	unknown	21.00	1200	J
4. 001002-84-2	Pentadecanoic acid	21.21	4700	JN
5. 000072-54-8	1,1-Dichloro-2,2-bis(p-chlorophen	22.24	3100	JN
6. 000544-76-3	Hexadecane	22.31	950	JN
7. 000629-96-9	1-Eicosanol	23.89	9600	JN
8. 000629-92-5	Nonadecane	25.41	4700	JN

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-95

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4389 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4389.14

Sample wt/vol: 10.05 (g/ml) G Lab File ID: BN03009.D

Level: (low/med) LOW Date Received: 4/1/99

% Moisture: 10.32 decanted:(Y/N) N Date Extracted: 4/5/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/7/99

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

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-95

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4389 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4389.14

Sample wt/vol: 10.05 (g/ml) G Lab File ID: BN03009.D

Level: (low/med) LOW Date Received: 4/1/99

% Moisture: 10.32 decanted:(Y/N) N Date Extracted: 4/5/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/7/99

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	860	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-95**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4389 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4389.14

Sample wt/vol: 10.05 (g/ml) G Lab File ID: BN03009.D

Level: (low/med) LOW Date Received: 4/1/99

% Moisture: 10.32 decanted: (Y/N) N Date Extracted: 4/5/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/7/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 8 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	1500	JN
2. 001454-84-8	1-Nonadecanol	23.86	5400	JN
3. 006624-79-9	1-Dotriacontanol	25.37	1200	JN
4. 000544-85-4	Dotriacontane	28.05	1000	JN
5. 000629-96-9	1-Eicosanol	28.10	1900	JN
6.	unknown	28.75	1000	J
7.	unknown	28.97	990	J
8. 006971-40-0	17-Pentatriacontene	29.36	920	JN

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-96

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4389 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4389.16

Sample wt/vol: 10.12 (g/ml) G Lab File ID: BN03010.D

Level: (low/med) LOW Date Received: 4/1/99

% Moisture: 12.41 decanted:(Y/N) N Date Extracted: 4/5/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/7/99

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	310	J
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

002038

1C

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-96

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4389 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4389.16

Sample wt/vol: 10.12 (g/ml) G Lab File ID: BN03010.D

Level: (low/med) LOW Date Received: 4/1/99

% Moisture: 12.41 decanted:(Y/N) N Date Extracted: 4/5/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/7/99

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	380	J
120-12-7	Anthracene	170	J
84-74-2	Di-n-butylphthalate	590	JB
206-44-0	Fluoranthene	660	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	530	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1700	
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	940	J
207-08-9	Benzo[k]fluoranthene	720	J
50-32-8	Benzo[a]pyrene	780	J
193-39-5	Indeno[1,2,3-cd]pyrene	420	J
53-70-3	Dibenz[a,h]anthracene	240	J
191-24-2	Benzo[g,h,i]perylene	440	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **B-96**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4389 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4389.16

Sample wt/vol: 10.12 (g/ml) G Lab File ID: BN03010.D

Level: (low/med) LOW Date Received: 4/1/99

% Moisture: 12.41 decanted: (Y/N) N Date Extracted: 4/5/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/7/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 22 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000077-53-2	Cedrol	15.67	1500	JN
2.	unknown	18.45	1100	J
3. 000057-11-4	Octadecanoic acid	21.18	970	JN
4.	unknown	22.21	1400	J
5. 000511-15-9	2-Phenanthrenol, 4b,5,6,7,8,8a,9,	22.55	3400	JN
6.	unknown	22.77	2600	J
7.	unknown	22.92	1100	J
8.	unknown	23.30	2200	J
9.	unknown	23.62	2600	J
10. 001599-67-3	1-Docosene	23.89	7500	JN
11.	unknown	23.98	1600	J
12.	unknown	24.36	2200	J
13.	unknown	24.47	3400	J
14. 000506-52-5	1-Hexacosanol	25.38	3100	JN
15. 000057-10-3	Hexadecanoic acid	25.93	910	JN
16. 000205-82-3	Benzo[j]fluoranthene	26.64	1200	JN
17. 000638-66-4	Octadecanal	27.72	1700	JN
18. 000638-68-6	Triacontane	28.06	2200	JN
19. 000629-96-9	1-Eicosanol	28.12	3400	JN
20. 000112-95-8	Eicosane	29.28	920	JN
21.	unknown	29.37	1300	J
22.	unknown	29.62	1500	J

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-97

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4389 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4389.18

Sample wt/vol: 10.27 (g/ml) G Lab File ID: BN03011.D

Level: (low/med) LOW Date Received: 4/1/99

% Moisture: 18.16 decanted:(Y/N) N Date Extracted: 4/5/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/7/99

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	170	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	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	420	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-97**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4389 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4389.18

Sample wt/vol: 10.27 (g/ml) G Lab File ID: BN03011.D

Level: (low/med) LOW Date Received: 4/1/99

% Moisture: 18.16 decanted:(Y/N) N Date Extracted: 4/5/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/7/99

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	290	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	1700	
120-12-7	Anthracene	460	J
84-74-2	Di-n-butylphthalate	1200	JB
206-44-0	Fluoranthene	1900	
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	2000	
85-68-7	Butylbenzylphthalate	1200	U
56-55-3	Benzo[a]anthracene	1100	J
91-94-1	3,3'-Dichlorobenzidine	1200	U
218-01-9	Chrysene	1900	
117-81-7	bis(2-Ethylhexyl)phthalate	580	J
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo[b]fluoranthene	810	J
207-08-9	Benzo[k]fluoranthene	960	J
50-32-8	Benzo[a]pyrene	1100	J
193-39-5	Indeno[1,2,3-cd]pyrene	510	J
53-70-3	Dibenz[a,h]anthracene	210	J
191-24-2	Benzo[g,h,i]perylene	520	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **B-97**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4389 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4389.18

Sample wt/vol: 10.27 (g/ml) G Lab File ID: BN03011.D

Level: (low/med) LOW Date Received: 4/1/99

% Moisture: 18.16 decanted: (Y/N) N Date Extracted: 4/5/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/7/99

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.		unknown	18.45	1900	J
2.	001599-67-3	1-Docosene	23.87	4000	JN
3.	006971-40-0	17-Pentatriacontene	25.38	2400	JN
4.	000506-12-7	Heptadecanoic acid	25.93	950	JN
5.	000629-80-1	Hexadecanal	26.38	1400	JN
6.	000192-97-2	Benzo[e]pyrene	26.64	1200	JN
7.	000638-66-4	Octadecanal	27.72	1600	JN
8.	054833-23-7	Eicosane, 10-methyl-	28.06	1400	JN
9.	000112-92-5	1-Octadecanol	28.12	1400	JN
10.	000127-22-0	Taraxerol	29.77	2600	JN
11.		unknown	30.24	1600	J

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-98

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4389 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4389.20

Sample wt/vol: 10.27 (g/ml) G Lab File ID: BN03051.D

Level: (low/med) LOW Date Received: 4/1/99

% Moisture: 12.4 decanted:(Y/N) N Date Extracted: 4/5/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/9/99

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

002044

1C

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-98

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4389 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4389.20

Sample wt/vol: 10.27 (g/ml) G Lab File ID: BN03051.D

Level: (low/med) LOW Date Received: 4/1/99

% Moisture: 12.4 decanted:(Y/N) N Date Extracted: 4/5/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/9/99

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	200	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	1500	B
206-44-0	Fluoranthene	410	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	500	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	490	J
117-81-7	bis(2-Ethylhexyl)phthalate	250	J
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	310	J
207-08-9	Benzo[k]fluoranthene	290	J
50-32-8	Benzo[a]pyrene	280	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-98**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4389 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4389.20

Sample wt/vol: 10.27 (g/ml) G Lab File ID: BN03051.D

Level: (low/med) LOW Date Received: 4/1/99

% Moisture: 12.4 decanted: (Y/N) N Date Extracted: 4/5/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/9/99

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	16.99	2300	J
2.	unknown	17.12	1300	J
3. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.45	2600	JN
4. 000057-11-4	Octadecanoic acid	21.19	1500	JN
5. 001599-67-3	1-Docosene	23.88	6800	JN
6. 003386-33-2	Octadecane, 1-chloro-	25.41	4600	JN
7. 000124-25-4	Tetradecanal	26.40	4400	JN
8. 000000-00-0	1-Hexacosanal	27.75	7000	JN

1C

Field ID: B-99

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4389 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4389.22

Sample wt/vol: 10.21 (g/ml) G Lab File ID: BN03050.D

Level: (low/med) LOW Date Received: 4/1/99

% Moisture: 22.92 decanted:(Y/N) N Date Extracted: 4/5/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/9/99

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	1300	U
51-28-5	2,4-Dinitrophenol	1300	U
132-64-9	Dibenzofuran	1300	U
100-02-7	4-Nitrophenol	1300	U
121-14-2	2,4-Dinitrotoluene	1300	U
84-66-2	Diethylphthalate	1300	U
86-73-7	Fluorene	1300	U
7005-72-3	4-Chlorophenyl-phenylether	1300	U
100-01-6	4-Nitroaniline	1300	U
534-52-1	4,6-Dinitro-2-methylphenol	1300	U
86-30-6	n-Nitrosodiphenylamine	1300	U
103-33-3	Azobenzene	1300	U
101-55-3	4-Bromophenyl-phenylether	1300	U
118-74-1	Hexachlorobenzene	1300	U
87-86-5	Pentachlorophenol	1300	U
85-01-8	Phenanthrene	1300	U
120-12-7	Anthracene	1300	U
84-74-2	Di-n-butylphthalate	390	JB
206-44-0	Fluoranthene	240	J
92-87-5	Benzidine	1300	U
129-00-0	Pyrene	250	J
85-68-7	Butylbenzylphthalate	1300	U
56-55-3	Benzo[a]anthracene	1300	U
91-94-1	3,3'-Dichlorobenzidine	1300	U
218-01-9	Chrysene	230	J
117-81-7	bis(2-Ethylhexyl)phthalate	1300	U
117-84-0	Di-n-octylphthalate	1300	U
205-99-2	Benzo[b]fluoranthene	1300	U
207-08-9	Benzo[k]fluoranthene	1300	U
50-32-8	Benzo[a]pyrene	1300	U
193-39-5	Indeno[1,2,3-cd]pyrene	1300	U
53-70-3	Dibenz[a,h]anthracene	1300	U
191-24-2	Benzo[g,h,i]perylene	1300	U

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-99

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4389 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4389.22

Sample wt/vol: 10.21 (g/ml) G Lab File ID: BN03050.D

Level: (low/med) LOW Date Received: 4/1/99

% Moisture: 22.92 decanted:(Y/N) N Date Extracted: 4/5/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/9/99

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	1300	U
62-75-9	N-nitroso-dimethylamine	1300	U
62-53-3	Aniline	1300	U
108-95-2	Phenol	1300	U
111-44-4	bis(2-Chloroethyl)ether	1300	U
95-57-8	2-Chlorophenol	1300	U
541-73-1	1,3-Dichlorobenzene	1300	U
106-46-7	1,4-Dichlorobenzene	1300	U
100-51-6	Benzyl alcohol	1300	U
95-50-1	1,2-Dichlorobenzene	1300	U
	2-Methylphenol	1300	U
108-60-1	bis(2-chloroisopropyl)ether	1300	U
	4-Methylphenol	1300	U
621-64-7	n-Nitroso-di-n-propylamine	1300	U
67-72-1	Hexachloroethane	1300	U
98-95-3	Nitrobenzene	1300	U
78-59-1	Isophorone	1300	U
88-75-5	2-Nitrophenol	1300	U
105-67-9	2,4-Dimethylphenol	1300	U
111-91-1	bis(2-Chloroethoxy)methane	1300	U
120-83-2	2,4-Dichlorophenol	1300	U
65-85-0	Benzoic Acid	1300	U
120-82-1	1,2,4-Trichlorobenzene	1300	U
91-20-3	Naphthalene	1300	U
106-47-8	4-Chloroaniline	1300	U
87-68-3	Hexachlorobutadiene	1300	U
59-50-7	4-Chloro-3-methylphenol	1300	U
91-57-6	2-Methylnaphthalene	1300	U
77-47-4	Hexachlorocyclopentadiene	1300	U
88-06-2	2,4,6-Trichlorophenol	1300	U
	2,4,5-Trichlorophenol	1300	U
91-58-7	2-Chloronaphthalene	1300	U
88-74-4	2-Nitroaniline	1300	U
131-11-3	Dimethylphthalate	1300	U
208-96-8	Acenaphthylene	1300	U
606-20-2	2,6-Dinitrotoluene	1300	U
99-09-2	3-Nitroaniline	1300	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **B-99**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4389 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4389.22

Sample wt/vol: 10.21 (g/ml) G Lab File ID: BN03050.D

Level: (low/med) LOW Date Received: 4/1/99

% Moisture: 22.92 decanted: (Y/N) N Date Extracted: 4/5/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/9/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 17 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	21.88	2400	J
2.	unknown	22.52	3000	J
3.	unknown	22.78	2400	J
4.	unknown	23.29	1300	J
5. 001740-19-8	1-Phenanthrenecarboxylic acid, 1	23.69	10000	JN
6. 001454-84-8	1-Nonadecanol	23.88	4000	JN
7.	unknown	24.00	2800	J
8. 006624-79-9	1-Dotriacontanol	25.38	3600	JN
9.	unknown	25.93	1300	J
10. 000629-80-1	Hexadecanal	26.37	2000	JN
11.	unknown	26.79	4500	J
12. 000124-25-4	Tetradecanal	27.72	2000	JN
13. 000630-07-9	Pentatriacontane	28.05	2900	JN
14. 000629-96-9	1-Eicosanol	28.12	1600	JN
15.	unknown	28.75	1800	J
16.	unknown	28.98	1100	J
17.	unknown	29.61	3600	J

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-100

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4389 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4389.24

Sample wt/vol: 10.22 (g/ml) G Lab File ID: BN03048.D

Level: (low/med) LOW Date Received: 4/1/99

% Moisture: 12.43 decanted:(Y/N) N Date Extracted: 4/5/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/9/99

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	110	J
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-100

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4389 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4389.24

Sample wt/vol: 10.22 (g/ml) G Lab File ID: BN03048.D

Level: (low/med) LOW Date Received: 4/1/99

% Moisture: 12.43 decanted:(Y/N) N Date Extracted: 4/5/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/9/99

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	340	J
120-12-7	Anthracene	140	J
84-74-2	Di-n-butylphthalate	350	JB
206-44-0	Fluoranthene	690	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	710	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	370	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	670	J
117-81-7	bis(2-Ethylhexyl)phthalate	260	J
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	450	J
207-08-9	Benzo[k]fluoranthene	430	J
50-32-8	Benzo[a]pyrene	410	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-100**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4389 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4389.24

Sample wt/vol: 10.22 (g/ml) G Lab File ID: BN03048.D

Level: (low/med) LOW Date Received: 4/1/99

% Moisture: 12.43 decanted: (Y/N) N Date Extracted: 4/5/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/9/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 17 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000629-20-9	1,3,5,7-Cyclooctatetraene	5.03	24000	JN
2. 000098-82-8	Benzene, (1-methylethyl)-	5.67	1100	JN
3. 000100-52-7	Benzaldehyde	6.41	1000	JN
4. 000128-37-0	Butylated Hydroxytoluene	14.54	1500	JN
5.	unknown	16.92	2500	J
6. 020071-09-4	Benzene, 1,1'-(1,2-cyclobutanediy	17.27	2200	JN
7. 000544-76-3	Hexadecane	18.68	1300	JN
8. 000057-10-3	Hexadecanoic acid	19.44	12000	JN
9. 000112-95-8	Eicosane	19.65	900	JN
10. 000057-11-4	Octadecanoic acid	21.26	17000	JN
11.	unknown	23.65	17000	J
12.	unknown	24.49	9000	J
13.	unknown	24.54	2600	J
14.	unknown	24.61	3300	J
15. 000112-88-9	1-Octadecene	25.39	5400	JN
16. 000638-66-4	Octadecanal	27.73	4400	JN
17. 000630-03-5	Nonacosane	28.06	3800	JN

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-101

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4389 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4389.26

Sample wt/vol: 10.02 (g/ml) G Lab File ID: BNA02415.D

Level: (low/med) LOW Date Received: 4/1/99

% Moisture: 14.19 decanted:(Y/N) N Date Extracted: 4/5/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/8/99

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

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-101

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4389 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4389.26

Sample wt/vol: 10.02 (g/ml) G Lab File ID: BNA02415.D

Level: (low/med) LOW Date Received: 4/1/99

% Moisture: 14.19 decanted:(Y/N) N Date Extracted: 4/5/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/8/99

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	150	J
120-12-7	Anthracene	1200	U
84-74-2	Di-n-butylphthalate	660	JB
206-44-0	Fluoranthene	360	J
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	350	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	330	J
117-81-7	bis(2-Ethylhexyl)phthalate	1200	U
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo[b]fluoranthene	190	J
207-08-9	Benzo[k]fluoranthene	210	J
50-32-8	Benzo[a]pyrene	210	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	120	J

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **B-101**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4389 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4389.26

Sample wt/vol: 10.02 (g/ml) G Lab File ID: BNA02415.D

Level: (low/med) LOW Date Received: 4/1/99

% Moisture: 14.19 decanted: (Y/N) N Date Extracted: 4/5/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/8/99

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	20.27	1100	JN
2. 000112-88-9	1-Octadecene	25.74	3800	JN
3. 074685-33-9	3-Eicosene, (E)-	28.69	990	JN
4. 000000-00-0	1-Hexacosanal	29.67	2500	JN

002055

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-102

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4389 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4389.28

Sample wt/vol: 10.08 (g/ml) G Lab File ID: BNA02416.D

Level: (low/med) LOW Date Received: 4/1/99

% Moisture: 11.57 decanted:(Y/N) N Date Extracted: 4/5/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/8/99

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

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-102

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4389 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4389.28

Sample wt/vol: 10.08 (g/ml) G Lab File ID: BNA02416.D

Level: (low/med) LOW Date Received: 4/1/99

% Moisture: 11.57 decanted:(Y/N) N Date Extracted: 4/5/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/8/99

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	600	JB
206-44-0	Fluoranthene	150	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	180	J
85-68-7	Butylbenzylphthalate	120	J
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	190	J
117-81-7	bis(2-Ethylhexyl)phthalate	160	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	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-102**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4389 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4389.28

Sample wt/vol: 10.08 (g/ml) G Lab File ID: BNA02416.D

Level: (low/med) LOW Date Received: 4/1/99

% Moisture: 11.57 decanted: (Y/N) N Date Extracted: 4/5/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/8/99

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. 000084-64-0	1,2-Benzenedicarboxylic acid, but	20.27	990	JN
2. 001599-67-3	1-Docosene	25.74	3300	JN

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-103

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4389 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4389.30

Sample wt/vol: 10.13 (g/ml) G Lab File ID: BNA02417.D

Level: (low/med) LOW Date Received: 4/1/99

% Moisture: 29.29 decanted:(Y/N) N Date Extracted: 4/5/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/8/99

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	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	740	J
606-20-2	2,6-Dinitrotoluene	1400	U
99-09-2	3-Nitroaniline	1400	U

1C

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-103

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4389 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4389.30

Sample wt/vol: 10.13 (g/ml) G Lab File ID: BNA02417.D

Level: (low/med) LOW Date Received: 4/1/99

% Moisture: 29.29 decanted:(Y/N) N Date Extracted: 4/5/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/8/99

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	1400	U
51-28-5	2,4-Dinitrophenol	1400	U
132-64-9	Dibenzofuran	1400	U
100-02-7	4-Nitrophenol	1400	U
121-14-2	2,4-Dinitrotoluene	1400	U
84-66-2	Diethylphthalate	1400	U
86-73-7	Fluorene	1400	U
7005-72-3	4-Chlorophenyl-phenylether	1400	U
100-01-6	4-Nitroaniline	1400	U
534-52-1	4,6-Dinitro-2-methylphenol	1400	U
86-30-6	n-Nitrosodiphenylamine	1400	U
103-33-3	Azobenzene	1400	U
101-55-3	4-Bromophenyl-phenylether	1400	U
118-74-1	Hexachlorobenzene	1400	U
87-86-5	Pentachlorophenol	1400	U
85-01-8	Phenanthrene	270	J
120-12-7	Anthracene	190	J
84-74-2	Di-n-butylphthalate	1300	JB
206-44-0	Fluoranthene	390	J
92-87-5	Benzidine	1400	U
129-00-0	Pyrene	990	J
85-68-7	Butylbenzylphthalate	1400	U
56-55-3	Benzo[a]anthracene	380	J
91-94-1	3,3'-Dichlorobenzidine	1400	U
218-01-9	Chrysene	800	J
117-81-7	bis(2-Ethylhexyl)phthalate	1400	U
117-84-0	Di-n-octylphthalate	1400	U
205-99-2	Benzo[b]fluoranthene	440	J
207-08-9	Benzo[k]fluoranthene	440	J
50-32-8	Benzo[a]pyrene	760	J
193-39-5	Indeno[1,2,3-cd]pyrene	280	J
53-70-3	Dibenz[a,h]anthracene	1400	U
191-24-2	Benzo[g,h,i]perylene	400	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **B-103**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4389 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4389.30

Sample wt/vol: 10.13 (g/ml) G Lab File ID: BNA02417.D

Level: (low/med) LOW Date Received: 4/1/99

% Moisture: 29.29 decanted: (Y/N) N Date Extracted: 4/5/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/8/99

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. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	20.28	3200	JN
2. 074685-33-9	3-Eicosene, (E)-	25.74	3900	JN

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-104

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4394 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4394.02 (1:10)

Sample wt/vol: 10.15 (g/ml) G Lab File ID: BNA02432.D

Level: (low/med) LOW Date Received: 4/5/99

% Moisture: 39.47 decanted:(Y/N) N Date Extracted: 4/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/9/99

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	16000	U
62-75-9	N-nitroso-dimethylamine	16000	U
62-53-3	Aniline	16000	U
108-95-2	Phenol	16000	U
111-44-4	bis(2-Chloroethyl)ether	16000	U
95-57-8	2-Chlorophenol	16000	U
541-73-1	1,3-Dichlorobenzene	16000	U
106-46-7	1,4-Dichlorobenzene	16000	U
100-51-6	Benzyl alcohol	16000	U
95-50-1	1,2-Dichlorobenzene	16000	U
	2-Methylphenol	16000	U
108-60-1	bis(2-chloroisopropyl)ether	16000	U
	4-Methylphenol	16000	U
621-64-7	n-Nitroso-di-n-propylamine	16000	U
67-72-1	Hexachloroethane	16000	U
98-95-3	Nitrobenzene	16000	U
78-59-1	Isophorone	16000	U
88-75-5	2-Nitrophenol	16000	U
105-67-9	2,4-Dimethylphenol	16000	U
111-91-1	bis(2-Chloroethoxy)methane	16000	U
120-83-2	2,4-Dichlorophenol	16000	U
65-85-0	Benzoic Acid	16000	U
120-82-1	1,2,4-Trichlorobenzene	16000	U
91-20-3	Naphthalene	16000	U
106-47-8	4-Chloroaniline	16000	U
87-68-3	Hexachlorobutadiene	16000	U
59-50-7	4-Chloro-3-methylphenol	16000	U
91-57-6	2-Methylnaphthalene	16000	U
77-47-4	Hexachlorocyclopentadiene	16000	U
88-06-2	2,4,6-Trichlorophenol	16000	U
	2,4,5-Trichlorophenol	16000	U
91-58-7	2-Chloronaphthalene	16000	U
88-74-4	2-Nitroaniline	16000	U
131-11-3	Dimethylphthalate	16000	U
208-96-8	Acenaphthylene	16000	U
606-20-2	2,6-Dinitrotoluene	16000	U
99-09-2	3-Nitroaniline	16000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **B-104**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4394 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4394.02 (1:10)

Sample wt/vol: 10.15 (g/ml) G Lab File ID: BNA02432.D

Level: (low/med) LOW Date Received: 4/5/99

% Moisture: 39.47 decanted:(Y/N) N Date Extracted: 4/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/9/99

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	16000	U
51-28-5	2,4-Dinitrophenol	16000	U
132-64-9	Dibenzofuran	16000	U
100-02-7	4-Nitrophenol	16000	U
121-14-2	2,4-Dinitrotoluene	16000	U
84-66-2	Diethylphthalate	16000	U
86-73-7	Fluorene	16000	U
7005-72-3	4-Chlorophenyl-phenylether	16000	U
100-01-6	4-Nitroaniline	16000	U
534-52-1	4,6-Dinitro-2-methylphenol	16000	U
86-30-6	n-Nitrosodiphenylamine	16000	U
103-33-3	Azobenzene	16000	U
101-55-3	4-Bromophenyl-phenylether	16000	U
118-74-1	Hexachlorobenzene	16000	U
87-86-5	Pentachlorophenol	16000	U
85-01-8	Phenanthrene	16000	U
120-12-7	Anthracene	16000	U
84-74-2	Di-n-butylphthalate	16000	U
206-44-0	Fluoranthene	16000	U
92-87-5	Benzidine	16000	U
129-00-0	Pyrene	16000	U
85-68-7	Butylbenzylphthalate	16000	U
56-55-3	Benzo[a]anthracene	16000	U
91-94-1	3,3'-Dichlorobenzidine	16000	U
218-01-9	Chrysene	16000	U
117-81-7	bis(2-Ethylhexyl)phthalate	16000	U
117-84-0	Di-n-octylphthalate	16000	U
205-99-2	Benzo[b]fluoranthene	16000	U
207-08-9	Benzo[k]fluoranthene	16000	U
50-32-8	Benzo[a]pyrene	16000	U
193-39-5	Indeno[1,2,3-cd]pyrene	16000	U
53-70-3	Dibenz[a,h]anthracene	16000	U
191-24-2	Benzo[g,h,i]perylene	16000	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **B-104**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4394 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4394.02 (1:10)

Sample wt/vol: 10.15 (g/ml) G Lab File ID: BNA02432.D

Level: (low/med) LOW Date Received: 4/5/99

% Moisture: 39.47 decanted: (Y/N) N Date Extracted: 4/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/9/99

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 1 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000070-55-3	Benzenesulfonamide, 4-methyl-	18.20	9900	JND

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-105

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4394 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4394.04 (1:20)

Sample wt/vol: 10.62 (g/ml) G Lab File ID: BNA02433.D

Level: (low/med) LOW Date Received: 4/5/99

% Moisture: 19.15 decanted:(Y/N) N Date Extracted: 4/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/9/99

Injection Volume: 1.0 (uL) Dilution Factor: 20.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	23000	U
62-75-9	N-nitroso-dimethylamine	23000	U
62-53-3	Aniline	23000	U
108-95-2	Phenol	23000	U
111-44-4	bis(2-Chloroethyl)ether	23000	U
95-57-8	2-Chlorophenol	23000	U
541-73-1	1,3-Dichlorobenzene	23000	U
106-46-7	1,4-Dichlorobenzene	23000	U
100-51-6	Benzyl alcohol	23000	U
95-50-1	1,2-Dichlorobenzene	23000	U
	2-Methylphenol	23000	U
108-60-1	bis(2-chloroisopropyl)ether	23000	U
	4-Methylphenol	23000	U
621-64-7	n-Nitroso-di-n-propylamine	23000	U
67-72-1	Hexachloroethane	23000	U
98-95-3	Nitrobenzene	23000	U
78-59-1	Isophorone	23000	U
88-75-5	2-Nitrophenol	23000	U
105-67-9	2,4-Dimethylphenol	23000	U
111-91-1	bis(2-Chloroethoxy)methane	23000	U
120-83-2	2,4-Dichlorophenol	23000	U
65-85-0	Benzoic Acid	23000	U
120-82-1	1,2,4-Trichlorobenzene	23000	U
91-20-3	Naphthalene	23000	U
106-47-8	4-Chloroaniline	23000	U
87-68-3	Hexachlorobutadiene	23000	U
59-50-7	4-Chloro-3-methylphenol	23000	U
91-57-6	2-Methylnaphthalene	23000	U
77-47-4	Hexachlorocyclopentadiene	23000	U
88-06-2	2,4,6-Trichlorophenol	23000	U
	2,4,5-Trichlorophenol	23000	U
91-58-7	2-Chloronaphthalene	23000	U
88-74-4	2-Nitroaniline	23000	U
131-11-3	Dimethylphthalate	23000	U
208-96-8	Acenaphthylene	23000	U
606-20-2	2,6-Dinitrotoluene	23000	U
99-09-2	3-Nitroaniline	23000	U

1C

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-105

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4394 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4394.04 (1:20)

Sample wt/vol: 10.62 (g/ml) G Lab File ID: BNA02433.D

Level: (low/med) LOW Date Received: 4/5/99

% Moisture: 19.15 decanted:(Y/N) N Date Extracted: 4/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/9/99

Injection Volume: 1.0 (uL) Dilution Factor: 20.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	23000	U
51-28-5	2,4-Dinitrophenol	23000	U
132-64-9	Dibenzofuran	23000	U
100-02-7	4-Nitrophenol	23000	U
121-14-2	2,4-Dinitrotoluene	23000	U
84-66-2	Diethylphthalate	23000	U
86-73-7	Fluorene	23000	U
7005-72-3	4-Chlorophenyl-phenylether	23000	U
100-01-6	4-Nitroaniline	23000	U
534-52-1	4,6-Dinitro-2-methylphenol	23000	U
86-30-6	n-Nitrosodiphenylamine	23000	U
103-33-3	Azobenzene	23000	U
101-55-3	4-Bromophenyl-phenylether	23000	U
118-74-1	Hexachlorobenzene	23000	U
87-86-5	Pentachlorophenol	23000	U
85-01-8	Phenanthrene	23000	U
120-12-7	Anthracene	23000	U
84-74-2	Di-n-butylphthalate	23000	U
206-44-0	Fluoranthene	23000	U
92-87-5	Benzidine	23000	U
129-00-0	Pyrene	23000	U
85-68-7	Butylbenzylphthalate	23000	U
56-55-3	Benzo[a]anthracene	23000	U
91-94-1	3,3'-Dichlorobenzidine	23000	U
218-01-9	Chrysene	23000	U
117-81-7	bis(2-Ethylhexyl)phthalate	23000	U
117-84-0	Di-n-octylphthalate	23000	U
205-99-2	Benzo[b]fluoranthene	23000	U
207-08-9	Benzo[k]fluoranthene	23000	U
50-32-8	Benzo[a]pyrene	23000	U
193-39-5	Indeno[1,2,3-cd]pyrene	23000	U
53-70-3	Dibenz[a,h]anthracene	23000	U
191-24-2	Benzo[g,h,i]perylene	23000	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **B-105**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4394 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4394.04 (1:20)

Sample wt/vol: 10.62 (g/ml) G Lab File ID: BNA02433.D

Level: (low/med) LOW Date Received: 4/5/99

% Moisture: 19.15 decanted: (Y/N) N Date Extracted: 4/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/9/99

Injection Volume: 1.0 (uL) Dilution Factor: 20.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-106

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4394 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4394.06

Sample wt/vol: 10.47 (g/ml) G Lab File ID: BN03034.D

Level: (low/med) LOW Date Received: 4/5/99

% Moisture: 14.37 decanted:(Y/N) N Date Extracted: 4/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/8/99

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

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-106

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4394 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4394.06

Sample wt/vol: 10.47 (g/ml) G Lab File ID: BN03034.D

Level: (low/med) LOW Date Received: 4/5/99

% Moisture: 14.37 decanted:(Y/N) N Date Extracted: 4/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/8/99

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	140	JB
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	150	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	17000	EB
206-44-0	Fluoranthene	330	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	310	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	170	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	320	J
117-81-7	bis(2-Ethylhexyl)phthalate	140	J
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	190	J
207-08-9	Benzo[k]fluoranthene	170	J
50-32-8	Benzo[a]pyrene	200	J
193-39-5	Indeno[1,2,3-cd]pyrene	140	J
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	150	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **B-106**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4394 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4394.06

Sample wt/vol: 10.47 (g/ml) G Lab File ID: BN03034.D

Level: (low/med) LOW Date Received: 4/5/99

% Moisture: 14.37 decanted: (Y/N) N Date Extracted: 4/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/8/99

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	18.44	2700	J
2.	000112-92-5	1-Octadecanol	23.86	4800	JN
3.	006624-79-9	1-Dotriacontanol	25.37	2800	JN
4.	000057-11-4	Octadecanoic acid	25.92	1700	JN
5.		unknown	26.36	2200	J
6.	000629-96-9	1-Eicosanol	26.79	3000	JN
7.	000638-66-4	Octadecanal	27.71	1400	JN
8.	000630-07-9	Pentatriacontane	28.05	1300	JN
9.	000629-96-9	1-Eicosanol	28.11	2300	JN
10.	056554-90-6	13-Octadecenal	28.97	1300	JN

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-106

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4394 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4394.06 (1:5)

Sample wt/vol: 10.47 (g/ml) G Lab File ID: BN03040.D

Level: (low/med) LOW Date Received: 4/5/99

% Moisture: 14.37 decanted:(Y/N) N Date Extracted: 4/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/9/99

Injection Volume: 1.0 (uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	5600	U
62-75-9	N-nitroso-dimethylamine	5600	U
62-53-3	Aniline	5600	U
108-95-2	Phenol	5600	U
111-44-4	bis(2-Chloroethyl)ether	5600	U
95-57-8	2-Chlorophenol	5600	U
541-73-1	1,3-Dichlorobenzene	5600	U
106-46-7	1,4-Dichlorobenzene	5600	U
100-51-6	Benzyl alcohol	5600	U
95-50-1	1,2-Dichlorobenzene	5600	U
	2-Methylphenol	5600	U
108-60-1	bis(2-chloroisopropyl)ether	5600	U
	4-Methylphenol	5600	U
621-64-7	n-Nitroso-di-n-propylamine	5600	U
67-72-1	Hexachloroethane	5600	U
98-95-3	Nitrobenzene	5600	U
78-59-1	Isophorone	5600	U
88-75-5	2-Nitrophenol	5600	U
105-67-9	2,4-Dimethylphenol	5600	U
111-91-1	bis(2-Chloroethoxy)methane	5600	U
120-83-2	2,4-Dichlorophenol	5600	U
65-85-0	Benzoic Acid	5600	U
120-82-1	1,2,4-Trichlorobenzene	5600	U
91-20-3	Naphthalene	5600	U
106-47-8	4-Chloroaniline	5600	U
87-68-3	Hexachlorobutadiene	5600	U
59-50-7	4-Chloro-3-methylphenol	5600	U
91-57-6	2-Methylnaphthalene	5600	U
77-47-4	Hexachlorocyclopentadiene	5600	U
88-06-2	2,4,6-Trichlorophenol	5600	U
	2,4,5-Trichlorophenol	5600	U
91-58-7	2-Chloronaphthalene	5600	U
88-74-4	2-Nitroaniline	5600	U
131-11-3	Dimethylphthalate	5600	U
208-96-8	Acenaphthylene	5600	U
606-20-2	2,6-Dinitrotoluene	5600	U
99-09-2	3-Nitroaniline	5600	U

1C

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-106

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4394 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4394.06 (1:5)

Sample wt/vol: 10.47 (g/ml) G Lab File ID: BN03040.D

Level: (low/med) LOW Date Received: 4/5/99

% Moisture: 14.37 decanted:(Y/N) N Date Extracted: 4/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/9/99

Injection Volume: 1.0 (uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	5600	U
51-28-5	2,4-Dinitrophenol	5600	U
132-64-9	Dibenzofuran	5600	U
100-02-7	4-Nitrophenol	5600	U
121-14-2	2,4-Dinitrotoluene	5600	U
84-66-2	Diethylphthalate	740	JBD
86-73-7	Fluorene	5600	U
7005-72-3	4-Chlorophenyl-phenylether	5600	U
100-01-6	4-Nitroaniline	5600	U
534-52-1	4,6-Dinitro-2-methylphenol	5600	U
86-30-6	n-Nitrosodiphenylamine	5600	U
103-33-3	Azobenzene	5600	U
101-55-3	4-Bromophenyl-phenylether	5600	U
118-74-1	Hexachlorobenzene	5600	U
87-86-5	Pentachlorophenol	5600	U
85-01-8	Phenanthrene	5600	U
120-12-7	Anthracene	5600	U
84-74-2	Di-n-butylphthalate	21000	BD
206-44-0	Fluoranthene	5600	U
92-87-5	Benzidine	5600	U
129-00-0	Pyrene	5600	U
85-68-7	Butylbenzylphthalate	5600	U
56-55-3	Benzo[a]anthracene	5600	U
91-94-1	3,3'-Dichlorobenzidine	5600	U
218-01-9	Chrysene	5600	U
117-81-7	bis(2-Ethylhexyl)phthalate	5600	U
117-84-0	Di-n-octylphthalate	5600	U
205-99-2	Benzo[b]fluoranthene	5600	U
207-08-9	Benzo[k]fluoranthene	5600	U
50-32-8	Benzo[a]pyrene	5600	U
193-39-5	Indeno[1,2,3-cd]pyrene	5600	U
53-70-3	Dibenz[a,h]anthracene	5600	U
191-24-2	Benzo[g,h,i]perylene	5600	U

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-107

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4394 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4394.08

Sample wt/vol: 10.57 (g/ml) G Lab File ID: BN03025.D

Level: (low/med) LOW Date Received: 4/5/99

% Moisture: 17.98 decanted:(Y/N) N Date Extracted: 4/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/8/99

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	950	J
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

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-107

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4394 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4394.08

Sample wt/vol: 10.57 (g/ml) G Lab File ID: BN03025.D

Level: (low/med) LOW Date Received: 4/5/99

% Moisture: 17.98 decanted:(Y/N) N Date Extracted: 4/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/8/99

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	900	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	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-107**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4394 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4394.08

Sample wt/vol: 10.57 (g/ml) G Lab File ID: BN03025.D

Level: (low/med) LOW Date Received: 4/5/99

% Moisture: 17.98 decanted: (Y/N) N Date Extracted: 4/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/8/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 9 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000100-52-7	Benzaldehyde	6.43	18000	JN
2.	unknown	12.23	1900	J
3. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.44	2200	JN
4. 001454-84-8	1-Nonadecanol	23.86	6000	JN
5. 001599-67-3	1-Docosene	25.37	2400	JN
6. 006971-40-0	17-Pentatriacontene	26.77	1900	JN
7. 000646-31-1	Tetracosane	28.04	1200	JN
8. 000629-96-9	1-Eicosanol	28.10	2000	JN
9.	unknown	28.74	1400	J

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-108

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4394 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4394.10

Sample wt/vol: 10.11 (g/ml) G Lab File ID: BN03042.D

Level: (low/med) LOW Date Received: 4/5/99

% Moisture: 21.38 decanted:(Y/N) N Date Extracted: 4/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/9/99

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	1300	U
62-75-9	N-nitroso-dimethylamine	1300	U
62-53-3	Aniline	1300	U
108-95-2	Phenol	1300	U
111-44-4	bis(2-Chloroethyl)ether	1300	U
95-57-8	2-Chlorophenol	1300	U
541-73-1	1,3-Dichlorobenzene	1300	U
106-46-7	1,4-Dichlorobenzene	1300	U
100-51-6	Benzyl alcohol	1300	U
95-50-1	1,2-Dichlorobenzene	1300	U
	2-Methylphenol	1300	U
108-60-1	bis(2-chloroisopropyl)ether	1300	U
	4-Methylphenol	1300	U
621-64-7	n-Nitroso-di-n-propylamine	1300	U
67-72-1	Hexachloroethane	1300	U
98-95-3	Nitrobenzene	1300	U
78-59-1	Isophorone	1300	U
88-75-5	2-Nitrophenol	1300	U
105-67-9	2,4-Dimethylphenol	1300	U
111-91-1	bis(2-Chloroethoxy)methane	1300	U
120-83-2	2,4-Dichlorophenol	1300	U
65-85-0	Benzoic Acid	1300	U
120-82-1	1,2,4-Trichlorobenzene	1300	U
91-20-3	Naphthalene	1300	U
106-47-8	4-Chloroaniline	1300	U
87-68-3	Hexachlorobutadiene	1300	U
59-50-7	4-Chloro-3-methylphenol	1300	U
91-57-6	2-Methylnaphthalene	1300	U
77-47-4	Hexachlorocyclopentadiene	1300	U
88-06-2	2,4,6-Trichlorophenol	1300	U
	2,4,5-Trichlorophenol	1300	U
91-58-7	2-Chloronaphthalene	1300	U
88-74-4	2-Nitroaniline	1300	U
131-11-3	Dimethylphthalate	1300	U
208-96-8	Acenaphthylene	1300	U
606-20-2	2,6-Dinitrotoluene	1300	U
99-09-2	3-Nitroaniline	1300	U

1C

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-108

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4394 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4394.10

Sample wt/vol: 10.11 (g/ml) G Lab File ID: BN03042.D

Level: (low/med) LOW Date Received: 4/5/99

% Moisture: 21.38 decanted:(Y/N) N Date Extracted: 4/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/9/99

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	1300	U
51-28-5	2,4-Dinitrophenol	1300	U
132-64-9	Dibenzofuran	1300	U
100-02-7	4-Nitrophenol	1300	U
121-14-2	2,4-Dinitrotoluene	1300	U
84-66-2	Diethylphthalate	1300	U
86-73-7	Fluorene	1300	U
7005-72-3	4-Chlorophenyl-phenylether	1300	U
100-01-6	4-Nitroaniline	1300	U
534-52-1	4,6-Dinitro-2-methylphenol	1300	U
86-30-6	n-Nitrosodiphenylamine	1300	U
103-33-3	Azobenzene	1300	U
101-55-3	4-Bromophenyl-phenylether	1300	U
118-74-1	Hexachlorobenzene	1300	U
87-86-5	Pentachlorophenol	1300	U
85-01-8	Phenanthrene	400	J
120-12-7	Anthracene	1300	U
84-74-2	Di-n-butylphthalate	300	JB
206-44-0	Fluoranthene	590	J
92-87-5	Benzidine	1300	U
129-00-0	Pyrene	550	J
85-68-7	Butylbenzylphthalate	1300	U
56-55-3	Benzo[a]anthracene	280	J
91-94-1	3,3'-Dichlorobenzidine	1300	U
218-01-9	Chrysene	560	J
117-81-7	bis(2-Ethylhexyl)phthalate	210	J
117-84-0	Di-n-octylphthalate	1300	U
205-99-2	Benzo[b]fluoranthene	290	J
207-08-9	Benzo[k]fluoranthene	280	J
50-32-8	Benzo[a]pyrene	300	J
193-39-5	Indeno[1,2,3-cd]pyrene	180	J
53-70-3	Dibenz[a,h]anthracene	1300	U
191-24-2	Benzo[g,h,i]perylene	190	J

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **B-108**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4394 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4394.10

Sample wt/vol: 10.11 (g/ml) G Lab File ID: BN03042.D

Level: (low/med) LOW Date Received: 4/5/99

% Moisture: 21.38 decanted: (Y/N) N Date Extracted: 4/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/9/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 14 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 001599-67-3	1-Docosene	23.86	5800	JN
2. 000112-85-6	Docosanoic acid	24.44	1200	JN
3. 015965-99-8	Oxirane, [(hexadecyloxy)methyl]-	25.36	3700	JN
4. 000506-12-7	Heptadecanoic acid	25.92	2000	JN
5. 056554-87-1	16-Octadecenal	26.36	4400	JN
6. 000629-96-9	1-Eicosanol	26.79	8500	JN
7. 000057-11-4	Octadecanoic acid	27.29	1300	JN
8. 000638-66-4	Octadecanal	27.71	5700	JN
9. 055045-08-4	Dodecane, 2-methyl-6-propyl-	28.05	5500	JN
10. 001454-84-8	1-Nonadecanol	28.11	4300	JN
11. 056554-86-0	17-Octadecenal	28.97	2700	JN
12. 006624-79-9	1-Dotriacontanol	29.36	1600	JN
13.	unknown	29.47	1300	J
14.	unknown	30.62	1900	J

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-109

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4394 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4394.12

Sample wt/vol: 10.81 (g/ml) G Lab File ID: BN03039.D

Level: (low/med) LOW Date Received: 4/5/99

% Moisture: 13.24 decanted:(Y/N) N Date Extracted: 4/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/9/99

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

Field ID: B-109

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4394 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4394.12

Sample wt/vol: 10.81 (g/ml) G Lab File ID: BN03039.D

Level: (low/med) LOW Date Received: 4/5/99

% Moisture: 13.24 decanted:(Y/N) N Date Extracted: 4/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/9/99

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	290	JB
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	410	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	240	JB
206-44-0	Fluoranthene	650	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	550	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	320	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	600	J
117-81-7	bis(2-Ethylhexyl)phthalate	150	J
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	320	J
207-08-9	Benzo[k]fluoranthene	290	J
50-32-8	Benzo[a]pyrene	330	J
193-39-5	Indeno[1,2,3-cd]pyrene	220	J
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	240	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **B-109**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4394 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4394.12

Sample wt/vol: 10.81 (g/ml) G Lab File ID: BN03039.D

Level: (low/med) LOW Date Received: 4/5/99

% Moisture: 13.24 decanted: (Y/N) N Date Extracted: 4/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/9/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 8 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 001454-84-8	1-Nonadecanol	23.85	4100	JN
2. 006971-40-0	17-Pentatriacontene	25.36	2200	JN
3. 000638-66-4	Octadecanal	26.36	1300	JN
4.	unknown	26.78	2500	J
5. 002765-11-9	Pentadecanal-	27.70	1200	JN
6. 000630-06-8	Hexatriacontane	28.04	1300	JN
7. 000629-96-9	1-Eicosanol	28.10	2100	JN
8. 056554-87-1	16-Octadecenal	28.97	1300	JN

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-110

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4394 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4394.14

Sample wt/vol: 10.94 (g/ml) G Lab File ID: BN03043.D

Level: (low/med) LOW Date Received: 4/5/99

% Moisture: 13.65 decanted:(Y/N) N Date Extracted: 4/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/9/99

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

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-110

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4394 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4394.14

Sample wt/vol: 10.94 (g/ml) G Lab File ID: BN03043.D

Level: (low/med) LOW Date Received: 4/5/99

% Moisture: 13.65 decanted:(Y/N) N Date Extracted: 4/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/9/99

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	610	J
120-12-7	Anthracene	180	J
84-74-2	Di-n-butylphthalate	220	JB
206-44-0	Fluoranthene	1500	
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1300	
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	760	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1300	
117-81-7	bis(2-Ethylhexyl)phthalate	190	J
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	880	J
207-08-9	Benzo[k]fluoranthene	790	J
50-32-8	Benzo[a]pyrene	890	J
193-39-5	Indeno[1,2,3-cd]pyrene	420	J
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	410	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **B-110**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4394 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4394.14

Sample wt/vol: 10.94 (g/ml) G Lab File ID: BN03043.D

Level: (low/med) LOW Date Received: 4/5/99

% Moisture: 13.65 decanted: (Y/N) N Date Extracted: 4/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/9/99

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. 001599-67-3	1-Docosene	23.86	3800	JN
2. 006971-40-0	17-Pentatriacontene	25.38	2400	JN
3. 056554-93-9	15-Octadecenal	26.37	1300	JN
4. 002765-11-9	Pentadecanal-	27.72	1400	JN
5. 000638-68-6	Triacontane	28.05	1100	JN
6. 000629-96-9	1-Eicosanol	28.11	1700	JN
7.	unknown	28.75	2200	J

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-111

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4394 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4394.16

Sample wt/vol: 10.88 (g/ml) G Lab File ID: BN03044.D

Level: (low/med) LOW Date Received: 4/5/99

% Moisture: 11.55 decanted:(Y/N) N Date Extracted: 4/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/9/99

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	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

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-111

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4394 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4394.16

Sample wt/vol: 10.88 (g/ml) G Lab File ID: BN03044.D

Level: (low/med) LOW Date Received: 4/5/99

% Moisture: 11.55 decanted:(Y/N) N Date Extracted: 4/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/9/99

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	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	180	J
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	610	JB
206-44-0	Fluoranthene	380	J
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	330	J
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	170	J
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	370	J
117-81-7	bis(2-Ethylhexyl)phthalate	120	J
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	250	J
207-08-9	Benzo[k]fluoranthene	220	J
50-32-8	Benzo[a]pyrene	180	J
193-39-5	Indeno[1,2,3-cd]pyrene	1000	U
53-70-3	Dibenz[a,h]anthracene	1000	U
191-24-2	Benzo[g,h,i]perylene	1000	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **B-111**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4394 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4394.16

Sample wt/vol: 10.88 (g/ml) G Lab File ID: BN03044.D

Level: (low/med) LOW Date Received: 4/5/99

% Moisture: 11.55 decanted: (Y/N) N Date Extracted: 4/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/9/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 8

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	18.43	1300	J
2. 000112-92-5	1-Octadecanol	23.86	4400	JN
3.	unknown	25.37	1800	J
4. 000629-80-1	Hexadecanal	26.37	1000	JN
5. 000638-66-4	Octadecanal	27.72	1400	JN
6. 001454-84-8	1-Nonadecanol	28.11	1200	JN
7.	unknown	28.75	1600	J
8. 056554-87-1	16-Octadecenal	28.98	1500	JN

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-112

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4394 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4394.18

Sample wt/vol: 10.83 (g/ml) G Lab File ID: BN03030.D

Level: (low/med) LOW Date Received: 4/5/99

% Moisture: 9.7 decanted:(Y/N) N Date Extracted: 4/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/8/99

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	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

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-112

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4394 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4394.18

Sample wt/vol: 10.83 (g/ml) G Lab File ID: BN03030.D

Level: (low/med) LOW Date Received: 4/5/99

% Moisture: 9.7 decanted:(Y/N) N Date Extracted: 4/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/8/99

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	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	210	J
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	310	JB
206-44-0	Fluoranthene	570	J
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	590	J
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	270	J
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	700	J
117-81-7	bis(2-Ethylhexyl)phthalate	1000	U
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	380	J
207-08-9	Benzo[k]fluoranthene	320	J
50-32-8	Benzo[a]pyrene	240	J
193-39-5	Indeno[1,2,3-cd]pyrene	160	J
53-70-3	Dibenz[a,h]anthracene	1000	U
191-24-2	Benzo[g,h,i]perylene	170	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **B-112**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4394 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4394.18

Sample wt/vol: 10.83 (g/ml) G Lab File ID: BN03030.D

Level: (low/med) LOW Date Received: 4/5/99

% Moisture: 9.7 decanted: (Y/N) N Date Extracted: 4/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/8/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 18 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000112-92-5	1-Octadecanol	23.86	3800	JN
2. 000112-85-6	Docosanoic acid	24.45	1200	JN
3. 002461-18-9	Oxirane, [(dodecyloxy)methyl]-	25.38	2300	JN
4. 000506-12-7	Heptadecanoic acid	25.93	2200	JN
5. 000000-00-0	1-Hexacosanal	26.37	2800	JN
6. 000629-96-9	1-Eicosanol	26.79	4500	JN
7. 000057-11-4	Octadecanoic acid	27.30	1100	JN
8. 000629-80-1	Hexadecanal	27.72	4400	JN
9. 007098-22-8	Tetratetracontane	28.06	3200	JN
10. 000295-65-8	Cyclohexadecane	28.12	2900	JN
11.	unknown	28.75	1200	J
12. 000124-25-4	Tetradecanal	28.98	2000	JN
13. 000630-06-8	Hexatriacontane	29.27	1400	JN
14. 006971-40-0	17-Pentatriacontene	29.36	1100	JN
15.	unknown	29.47	1100	J
16.	unknown	30.05	910	J
17.	unknown	30.23	1100	J
18.	unknown	30.63	930	J

002090

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-113

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4394 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4394.20

Sample wt/vol: 10.22 (g/ml) G Lab File ID: BN03028.D

Level: (low/med) LOW Date Received: 4/5/99

% Moisture: 12.38 decanted:(Y/N) N Date Extracted: 4/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/8/99

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

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-113

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4394 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4394.20

Sample wt/vol: 10.22 (g/ml) G Lab File ID: BN03028.D

Level: (low/med) LOW Date Received: 4/5/99

% Moisture: 12.38 decanted:(Y/N) N Date Extracted: 4/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/8/99

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	210	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	280	JB
206-44-0	Fluoranthene	420	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	380	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	190	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	440	J
117-81-7	bis(2-Ethylhexyl)phthalate	180	J
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	260	J
207-08-9	Benzo[k]fluoranthene	230	J
50-32-8	Benzo[a]pyrene	230	J
193-39-5	Indeno[1,2,3-cd]pyrene	190	J
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	210	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **B-113**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4394 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4394.20

Sample wt/vol: 10.22 (g/ml) G Lab File ID: BN03028.D

Level: (low/med) LOW Date Received: 4/5/99

% Moisture: 12.38 decanted: (Y/N) N Date Extracted: 4/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/8/99

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. 001454-85-9	1-Heptadecanol	23.86	4800	JN
2. 006624-79-9	1-Dotriacontanol	25.37	2100	JN
3. 000506-12-7	Heptadecanoic acid	25.92	960	JN
4. 000124-25-4	Tetradecanal	26.37	1300	JN
5. 056554-86-0	17-Octadecenal	27.71	1700	JN
6. 000629-99-2	Pentacosane	28.05	1500	JN
7. 000629-96-9	1-Eicosanol	28.11	1900	JN
8.	unknown	28.74	1200	J
9. 000638-66-4	Octadecanal	28.98	2100	JN
10. 006624-79-9	1-Dotriacontanol	29.36	1100	JN
11.	unknown	30.35	1500	J

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-114

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4394 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4394.22

Sample wt/vol: 10.65 (g/ml) G Lab File ID: BN03031.D

Level: (low/med) LOW Date Received: 4/5/99

% Moisture: 11.85 decanted:(Y/N) N Date Extracted: 4/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/8/99

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

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-114

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4394 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4394.22

Sample wt/vol: 10.65 (g/ml) G Lab File ID: BN03031.D

Level: (low/med) LOW Date Received: 4/5/99

% Moisture: 11.85 decanted:(Y/N) N Date Extracted: 4/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/8/99

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	660	JB
206-44-0	Fluoranthene	230	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	210	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	120	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	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	140	J
207-08-9	Benzo[k]fluoranthene	120	J
50-32-8	Benzo[a]pyrene	120	J
193-39-5	Indeno[1,2,3-cd]pyrene	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-114**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4394 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4394.22

Sample wt/vol: 10.65 (g/ml) G Lab File ID: BN03031.D

Level: (low/med) LOW Date Received: 4/5/99

% Moisture: 11.85 decanted: (Y/N) N Date Extracted: 4/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/8/99

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.	unknown	18.44	1500	J
2. 001454-84-8	1-Nonadecanol	23.86	4000	JN
3. 019047-85-9	Phosphonic acid, dioctadecyl este	25.37	940	JN
4. 000629-96-9	1-Eicosanol	28.11	1100	JN
5.	unknown	28.74	1200	J

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-115

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4394 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4394.26

Sample wt/vol: 10.62 (g/ml) G Lab File ID: BN03045.D

Level: (low/med) LOW Date Received: 4/5/99

% Moisture: 22.06 decanted:(Y/N) N Date Extracted: 4/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/9/99

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

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-115

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4394 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4394.26

Sample wt/vol: 10.62 (g/ml) G Lab File ID: BN03045.D

Level: (low/med) LOW Date Received: 4/5/99

% Moisture: 22.06 decanted:(Y/N) N Date Extracted: 4/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/9/99

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	420	J
51-28-5	2,4-Dinitrophenol	1200	U
132-64-9	Dibenzofuran	180	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	380	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	3900	
120-12-7	Anthracene	1200	J
84-74-2	Di-n-butylphthalate	940	JB
206-44-0	Fluoranthene	5400	
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	3600	
85-68-7	Butylbenzylphthalate	1200	U
56-55-3	Benzo[a]anthracene	1600	
91-94-1	3,3'-Dichlorobenzidine	1200	U
218-01-9	Chrysene	2800	
117-81-7	bis(2-Ethylhexyl)phthalate	500	J
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo[b]fluoranthene	2100	
207-08-9	Benzo[k]fluoranthene	1600	
50-32-8	Benzo[a]pyrene	1900	
193-39-5	Indeno[1,2,3-cd]pyrene	780	J
53-70-3	Dibenz[a,h]anthracene	360	J
191-24-2	Benzo[g,h,i]perylene	700	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **B-115**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4394 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4394.26

Sample wt/vol: 10.62 (g/ml) G Lab File ID: BN03045.D

Level: (low/med) LOW Date Received: 4/5/99

% Moisture: 22.06 decanted: (Y/N) N Date Extracted: 4/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/9/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 25 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 002733-88-2	15-Tetracosenoic acid, methyl est	20.99	4800	JN
2. 000057-11-4	Octadecanoic acid	21.18	5100	JN
3.	unknown	21.88	8200	J
4. 003442-78-2	Pyrene, 2-methyl-	21.94	1900	JN
5. 000112-92-5	1-Octadecanol	22.22	2900	JN
6.	unknown	22.77	7800	J
7. 000082-05-3	7H-Benz[de]anthracen-7-one	22.92	4800	JN
8.	unknown	23.29	4200	J
9. 000629-80-1	Hexadecanal	23.38	2800	JN
10. 074685-30-6	5-Eicosene, (E)-	23.88	18000	JN
11.	unknown	23.97	3300	J
12.	unknown	24.40	2200	J
13. 000112-85-6	Docosanoic acid	24.47	12000	JN
14. 006624-79-9	1-Dotriacontanol	25.38	4500	JN
15. 001002-84-2	Pentadecanoic acid	25.96	7500	JN
16. 056554-86-0	17-Octadecenal	26.37	1700	JN
17. 000205-99-2	Benz[e]acephenanthrylene	26.64	2400	JN
18.	unknown	26.80	2400	J
19.	unknown	27.31	4000	J
20. 000124-25-4	Tetradecanal	27.71	3100	JN
21. 007098-22-8	Tetratetracontane	28.05	2200	JN
22. 000629-96-9	1-Eicosanol	28.11	1600	JN
23.	unknown	28.75	1600	J
24.	unknown	30.06	3400	J
25. 000058-22-0	Testosterone	30.64	2100	JN

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-116

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4394 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4394.28

Sample wt/vol: 10.46 (g/ml) G Lab File ID: BN03032.D

Level: (low/med) LOW Date Received: 4/5/99

% Moisture: 14.07 decanted:(Y/N) N Date Extracted: 4/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/8/99

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

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-116

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4394 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4394.28

Sample wt/vol: 10.46 (g/ml) G Lab File ID: BN03032.D

Level: (low/med) LOW Date Received: 4/5/99

% Moisture: 14.07 decanted:(Y/N) N Date Extracted: 4/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/8/99

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	150	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	410	JB
206-44-0	Fluoranthene	280	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	240	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	260	J
117-81-7	bis(2-Ethylhexyl)phthalate	140	J
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	160	J
207-08-9	Benzo[k]fluoranthene	120	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	120	J

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **B-116**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4394 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4394.28

Sample wt/vol: 10.46 (g/ml) G Lab File ID: BN03032.D

Level: (low/med) LOW Date Received: 4/5/99

% Moisture: 14.07 decanted: (Y/N) N Date Extracted: 4/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/8/99

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. 000112-92-5	1-Octadecanol	23.85	3800	JN
2. 006971-40-0	17-Pentatriacontene	25.37	1100	JN
3. 000630-06-8	Hexatriacontane	28.05	2100	JN
4.	unknown	28.10	1500	J
5.	unknown	28.74	1400	J
6. 056554-86-0	17-Octadecenal	28.97	1000	JN

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-117

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4394 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4394.30

Sample wt/vol: 10.14 (g/ml) G Lab File ID: BNA02431.D

Level: (low/med) LOW Date Received: 4/5/99

% Moisture: 13.65 decanted:(Y/N) N Date Extracted: 4/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/9/99

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-117**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4394 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4394.30

Sample wt/vol: 10.14 (g/ml) G Lab File ID: BNA02431.D

Level: (low/med) LOW Date Received: 4/5/99

% Moisture: 13.65 decanted:(Y/N) N Date Extracted: 4/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/9/99

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	490	JB
206-44-0	Fluoranthene	240	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	430	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	160	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	340	J
117-81-7	bis(2-Ethylhexyl)phthalate	290	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-117**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4394 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4394.30

Sample wt/vol: 10.14 (g/ml) G Lab File ID: BNA02431.D

Level: (low/med) LOW Date Received: 4/5/99

% Moisture: 13.65 decanted: (Y/N) N Date Extracted: 4/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/9/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 7 (ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		unknown	20.25	710	J
2.	013450-73-2	11H-Dibenzo[b,E][1,4]diazepin-11	20.36	570	JN
3.	056534-02-2	.alpha.-Chlordene	20.88	510	JN
4.		unknown	22.09	520	J
5.	000057-74-9	Chlordane	22.70	3600	JN
6.	005103-71-9	cis-Chlordane	22.99	3200	JN
7.	001599-67-3	1-Docosene	25.71	3100	JN

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-118

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4394 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4394.32

Sample wt/vol: 10.15 (g/ml) G Lab File ID: BN03033.D

Level: (low/med) LOW Date Received: 4/5/99

% Moisture: 12.9 decanted:(Y/N) N Date Extracted: 4/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/8/99

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

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-118

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4394 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4394.32

Sample wt/vol: 10.15 (g/ml) G Lab File ID: BN03033.D

Level: (low/med) LOW Date Received: 4/5/99

% Moisture: 12.9 decanted:(Y/N) N Date Extracted: 4/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/8/99

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	220	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	680	JB
206-44-0	Fluoranthene	390	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	390	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	200	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	410	J
117-81-7	bis(2-Ethylhexyl)phthalate	170	J
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	200	J
207-08-9	Benzo[k]fluoranthene	210	J
50-32-8	Benzo[a]pyrene	230	J
193-39-5	Indeno[1,2,3-cd]pyrene	150	J
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	170	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **B-118**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4394 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4394.32

Sample wt/vol: 10.15 (g/ml) G Lab File ID: BN03033.D

Level: (low/med) LOW Date Received: 4/5/99

% Moisture: 12.9 decanted: (Y/N) N Date Extracted: 4/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/8/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 12 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	1300	JN
2. 000112-92-5	1-Octadecanol	23.86	4200	JN
3. 006624-79-9	1-Dotriacontanol	25.37	2700	JN
4. 000057-11-4	Octadecanoic acid	25.92	1100	JN
5. 056554-87-1	16-Octadecenal	26.37	3700	JN
6. 006971-40-0	17-Pentatriacontene	26.78	4100	JN
7. 000638-66-4	Octadecanal	27.71	1900	JN
8. 000630-06-8	Hexatriacontane	28.05	1800	JN
9. 000629-96-9	1-Eicosanol	28.10	2100	JN
10. 056554-86-0	17-Octadecenal	28.97	1900	JN
11.	unknown	29.27	1200	J
12.	unknown	29.47	950	J

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-119

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4394 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4394.34

Sample wt/vol: 10.12 (g/ml) G Lab File ID: BN03046.D

Level: (low/med) LOW Date Received: 4/5/99

% Moisture: 10.41 decanted:(Y/N) N Date Extracted: 4/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/9/99

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-119**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4394 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4394.34

Sample wt/vol: 10.12 (g/ml) G Lab File ID: BN03046.D

Level: (low/med) LOW Date Received: 4/5/99

% Moisture: 10.41 decanted:(Y/N) N Date Extracted: 4/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/9/99

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	400	J
120-12-7	Anthracene	120	J
84-74-2	Di-n-butylphthalate	1400	B
206-44-0	Fluoranthene	1000	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	920	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	510	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	960	J
117-81-7	bis(2-Ethylhexyl)phthalate	670	J
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	590	J
207-08-9	Benzo[k]fluoranthene	550	J
50-32-8	Benzo[a]pyrene	520	J
193-39-5	Indeno[1,2,3-cd]pyrene	240	J
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	230	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **B-119**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4394 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4394.34

Sample wt/vol: 10.12 (g/ml) G Lab File ID: BN03046.D

Level: (low/med) LOW Date Received: 4/5/99

% Moisture: 10.41 decanted: (Y/N) N Date Extracted: 4/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/9/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 8 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	2000	JN
2. 019047-85-9	Phosphonic acid, dioctadecyl este	23.86	3900	JN
3.	unknown	25.37	3400	J
4. 056554-87-1	16-Octadecenal	26.37	3000	JN
5. 000638-66-4	Octadecanal	27.72	5900	JN
6. 000544-85-4	Dotriacontane	28.06	2900	JN
7. 062376-17-4	Cyclohexane, 1,2-dimethyl-3-pent	28.11	2000	JN
8. 000000-00-0	1,15-Pentadecanediol	28.98	1400	JN

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-120

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4394 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4394.36

Sample wt/vol: 10.27 (g/ml) G Lab File ID: BNA02430.D

Level: (low/med) LOW Date Received: 4/5/99

% Moisture: 9.75 decanted:(Y/N) N Date Extracted: 4/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/9/99

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-120**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4394 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4394.36

Sample wt/vol: 10.27 (g/ml) G Lab File ID: BNA02430.D

Level: (low/med) LOW Date Received: 4/5/99

% Moisture: 9.75 decanted:(Y/N) N Date Extracted: 4/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/9/99

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	600	J
120-12-7	Anthracene	150	J
84-74-2	Di-n-butylphthalate	490	JB
206-44-0	Fluoranthene	840	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	880	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	450	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	740	J
117-81-7	bis(2-Ethylhexyl)phthalate	650	J
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	480	J
207-08-9	Benzo[k]fluoranthene	470	J
50-32-8	Benzo[a]pyrene	420	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-120**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4394 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4394.36

Sample wt/vol: 10.27 (g/ml) G Lab File ID: BNA02430.D

Level: (low/med) LOW Date Received: 4/5/99

% Moisture: 9.75 decanted: (Y/N) N Date Extracted: 4/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/9/99

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. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	20.25	950	JN
2. 001454-85-9	1-Heptadecanol	22.25	650	JN
3.	unknown	22.63	770	J
4.	unknown	24.90	3400	J
5.	unknown	25.13	4300	J

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-121

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4394 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4394.38

Sample wt/vol: 10.05 (g/ml) G Lab File ID: BN03047.D

Level: (low/med) LOW Date Received: 4/5/99

% Moisture: 12.71 decanted:(Y/N) N Date Extracted: 4/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/9/99

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

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-121

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4394 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4394.38

Sample wt/vol: 10.05 (g/ml) G Lab File ID: BN03047.D

Level: (low/med) LOW Date Received: 4/5/99

% Moisture: 12.71 decanted:(Y/N) N Date Extracted: 4/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/9/99

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	1100	JB
206-44-0	Fluoranthene	150	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	170	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	250	J
117-81-7	bis(2-Ethylhexyl)phthalate	190	J
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	170	J
207-08-9	Benzo[k]fluoranthene	120	J
50-32-8	Benzo[a]pyrene	170	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-121**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4394 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4394.38

Sample wt/vol: 10.05 (g/ml) G Lab File ID: BN03047.D

Level: (low/med) LOW Date Received: 4/5/99

% Moisture: 12.71 decanted: (Y/N) N Date Extracted: 4/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/9/99

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	18.44	2000	J
2.	unknown	23.17	2400	J
3. 001454-84-8	1-Nonadecanol	23.86	4800	JN
4. 006971-40-0	17-Pentatriacontene	25.37	2300	JN
5.	unknown	25.93	1200	J
6. 056554-87-1	16-Octadecenal	26.38	3600	JN
7. 000593-45-3	Octadecane	28.06	1400	JN

002117

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-122

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4394 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4394.40

Sample wt/vol: 10.06 (g/ml) G Lab File ID: BNA02429.D

Level: (low/med) LOW Date Received: 4/5/99

% Moisture: 8.79 decanted:(Y/N) N Date Extracted: 4/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/9/99

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

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-122

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4394 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4394.40

Sample wt/vol: 10.06 (g/ml) G Lab File ID: BNA02429.D

Level: (low/med) LOW Date Received: 4/5/99

% Moisture: 8.79 decanted:(Y/N) N Date Extracted: 4/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/9/99

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	620	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	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-122**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4394 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4394.40

Sample wt/vol: 10.06 (g/ml) G Lab File ID: BNA02429.D

Level: (low/med) LOW Date Received: 4/5/99

% Moisture: 8.79 decanted: (Y/N) N Date Extracted: 4/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/9/99

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. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	20.25	1200	JN
2. 074685-33-9	3-Eicosene, (E)-	25.71	1700	JN

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-123

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4394 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4394.42

Sample wt/vol: 10.03 (g/ml) G Lab File ID: BNA02445.D

Level: (low/med) LOW Date Received: 4/5/99

% Moisture: 24.46 decanted:(Y/N) N Date Extracted: 4/9/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/12/99

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	1300	U
62-75-9	N-nitroso-dimethylamine	1300	U
62-53-3	Aniline	1300	U
108-95-2	Phenol	1300	U
111-44-4	bis(2-Chloroethyl)ether	1300	U
95-57-8	2-Chlorophenol	1300	U
541-73-1	1,3-Dichlorobenzene	1300	U
106-46-7	1,4-Dichlorobenzene	1300	U
100-51-6	Benzyl alcohol	1300	U
95-50-1	1,2-Dichlorobenzene	1300	U
	2-Methylphenol	1300	U
108-60-1	bis(2-chloroisopropyl)ether	1300	U
	4-Methylphenol	1300	U
621-64-7	n-Nitroso-di-n-propylamine	1300	U
67-72-1	Hexachloroethane	1300	U
98-95-3	Nitrobenzene	1300	U
78-59-1	Isophorone	1300	U
88-75-5	2-Nitrophenol	1300	U
105-67-9	2,4-Dimethylphenol	1300	U
111-91-1	bis(2-Chloroethoxy)methane	1300	U
120-83-2	2,4-Dichlorophenol	1300	U
65-85-0	Benzoic Acid	1300	U
120-82-1	1,2,4-Trichlorobenzene	1300	U
91-20-3	Naphthalene	1300	U
106-47-8	4-Chloroaniline	1300	U
87-68-3	Hexachlorobutadiene	1300	U
59-50-7	4-Chloro-3-methylphenol	1300	U
91-57-6	2-Methylnaphthalene	1300	U
77-47-4	Hexachlorocyclopentadiene	1300	U
88-06-2	2,4,6-Trichlorophenol	1300	U
	2,4,5-Trichlorophenol	1300	U
91-58-7	2-Chloronaphthalene	1300	U
88-74-4	2-Nitroaniline	1300	U
131-11-3	Dimethylphthalate	1300	U
208-96-8	Acenaphthylene	1300	U
606-20-2	2,6-Dinitrotoluene	1300	U
99-09-2	3-Nitroaniline	1300	U

1C

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-123

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4394 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4394.42

Sample wt/vol: 10.03 (g/ml) G Lab File ID: BNA02445.D

Level: (low/med) LOW Date Received: 4/5/99

% Moisture: 24.46 decanted:(Y/N) N Date Extracted: 4/9/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/12/99

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	1300	U
51-28-5	2,4-Dinitrophenol	1300	U
132-64-9	Dibenzofuran	1300	U
100-02-7	4-Nitrophenol	1300	U
121-14-2	2,4-Dinitrotoluene	1300	U
84-66-2	Diethylphthalate	1300	U
86-73-7	Fluorene	1300	U
7005-72-3	4-Chlorophenyl-phenylether	1300	U
100-01-6	4-Nitroaniline	1300	U
534-52-1	4,6-Dinitro-2-methylphenol	1300	U
86-30-6	n-Nitrosodiphenylamine	1300	U
103-33-3	Azobenzene	1300	U
101-55-3	4-Bromophenyl-phenylether	1300	U
118-74-1	Hexachlorobenzene	1300	U
87-86-5	Pentachlorophenol	1300	U
85-01-8	Phenanthrene	1300	U
120-12-7	Anthracene	1300	U
84-74-2	Di-n-butylphthalate	550	JB
206-44-0	Fluoranthene	1300	U
92-87-5	Benzidine	1300	U
129-00-0	Pyrene	180	J
85-68-7	Butylbenzylphthalate	1300	U
56-55-3	Benzo[a]anthracene	1300	U
91-94-1	3,3'-Dichlorobenzidine	1300	U
218-01-9	Chrysene	190	J
117-81-7	bis(2-Ethylhexyl)phthalate	1300	U
117-84-0	Di-n-octylphthalate	1300	U
205-99-2	Benzo[b]fluoranthene	1300	U
207-08-9	Benzo[k]fluoranthene	1300	U
50-32-8	Benzo[a]pyrene	1300	U
193-39-5	Indeno[1,2,3-cd]pyrene	1300	U
53-70-3	Dibenz[a,h]anthracene	1300	U
191-24-2	Benzo[g,h,i]perylene	1300	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **B-123**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4394 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4394.42

Sample wt/vol: 10.03 (g/ml) G Lab File ID: BNA02445.D

Level: (low/med) LOW Date Received: 4/5/99

% Moisture: 24.46 decanted: (Y/N) N Date Extracted: 4/9/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/12/99

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. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	20.22	780	JN
2.	unknown	23.75	1100	J
3.	unknown	24.38	2000	J
4. 018435-45-5	1-Nonadecene	25.69	1600	JN

002123

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-124

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4394 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4394.44 (1:10)

Sample wt/vol: 10.34 (g/ml) G Lab File ID: BNA02449.D

Level: (low/med) LOW Date Received: 4/5/99

% Moisture: 10.79 decanted:(Y/N) N Date Extracted: 4/9/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/12/99

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	11000	U
62-75-9	N-nitroso-dimethylamine	11000	U
62-53-3	Aniline	11000	U
108-95-2	Phenol	11000	U
111-44-4	bis(2-Chloroethyl)ether	11000	U
95-57-8	2-Chlorophenol	11000	U
541-73-1	1,3-Dichlorobenzene	11000	U
106-46-7	1,4-Dichlorobenzene	11000	U
100-51-6	Benzyl alcohol	11000	U
95-50-1	1,2-Dichlorobenzene	11000	U
	2-Methylphenol	11000	U
108-60-1	bis(2-chloroisopropyl)ether	11000	U
	4-Methylphenol	11000	U
621-64-7	n-Nitroso-di-n-propylamine	11000	U
67-72-1	Hexachloroethane	11000	U
98-95-3	Nitrobenzene	11000	U
78-59-1	Isophorone	11000	U
88-75-5	2-Nitrophenol	11000	U
105-67-9	2,4-Dimethylphenol	11000	U
111-91-1	bis(2-Chloroethoxy)methane	11000	U
120-83-2	2,4-Dichlorophenol	11000	U
65-85-0	Benzoic Acid	11000	U
120-82-1	1,2,4-Trichlorobenzene	11000	U
91-20-3	Naphthalene	11000	U
106-47-8	4-Chloroaniline	11000	U
87-68-3	Hexachlorobutadiene	11000	U
59-50-7	4-Chloro-3-methylphenol	11000	U
91-57-6	2-Methylnaphthalene	11000	U
77-47-4	Hexachlorocyclopentadiene	11000	U
88-06-2	2,4,6-Trichlorophenol	11000	U
	2,4,5-Trichlorophenol	11000	U
91-58-7	2-Chloronaphthalene	11000	U
88-74-4	2-Nitroaniline	11000	U
131-11-3	Dimethylphthalate	11000	U
208-96-8	Acenaphthylene	11000	U
606-20-2	2,6-Dinitrotoluene	11000	U
99-09-2	3-Nitroaniline	11000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **B-124**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4394 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4394.44 (1:10)

Sample wt/vol: 10.34 (g/ml) G Lab File ID: BNA02449.D

Level: (low/med) LOW Date Received: 4/5/99

% Moisture: 10.79 decanted:(Y/N) N Date Extracted: 4/9/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/12/99

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	11000	U
51-28-5	2,4-Dinitrophenol	11000	U
132-64-9	Dibenzofuran	11000	U
100-02-7	4-Nitrophenol	11000	U
121-14-2	2,4-Dinitrotoluene	11000	U
84-66-2	Diethylphthalate	11000	U
86-73-7	Fluorene	11000	U
7005-72-3	4-Chlorophenyl-phenylether	11000	U
100-01-6	4-Nitroaniline	11000	U
534-52-1	4,6-Dinitro-2-methylphenol	11000	U
86-30-6	n-Nitrosodiphenylamine	11000	U
103-33-3	Azobenzene	11000	U
101-55-3	4-Bromophenyl-phenylether	11000	U
118-74-1	Hexachlorobenzene	11000	U
87-86-5	Pentachlorophenol	11000	U
85-01-8	Phenanthrene	11000	U
120-12-7	Anthracene	11000	U
84-74-2	Di-n-butylphthalate	11000	U
206-44-0	Fluoranthene	11000	U
92-87-5	Benzidine	11000	U
129-00-0	Pyrene	11000	U
85-68-7	Butylbenzylphthalate	11000	U
56-55-3	Benzo[a]anthracene	11000	U
91-94-1	3,3'-Dichlorobenzidine	11000	U
218-01-9	Chrysene	11000	U
117-81-7	bis(2-Ethylhexyl)phthalate	11000	U
117-84-0	Di-n-octylphthalate	11000	U
205-99-2	Benzo[b]fluoranthene	11000	U
207-08-9	Benzo[k]fluoranthene	11000	U
50-32-8	Benzo[a]pyrene	11000	U
193-39-5	Indeno[1,2,3-cd]pyrene	11000	U
53-70-3	Dibenz[a,h]anthracene	11000	U
191-24-2	Benzo[g,h,i]perylene	11000	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **B-124**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4394 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4394.44 (1:10)

Sample wt/vol: 10.34 (g/ml) G Lab File ID: BNA02449.D

Level: (low/med) LOW Date Received: 4/5/99

% Moisture: 10.79 decanted: (Y/N) N Date Extracted: 4/9/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/12/99

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-125

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.02

Sample wt/vol: 10.03 (g/ml) G Lab File ID: BN03067.D

Level: (low/med) LOW Date Received: 4/8/99

% Moisture: 10.95 decanted:(Y/N) N Date Extracted: 4/9/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/12/99

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	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

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-125

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.02

Sample wt/vol: 10.03 (g/ml) G Lab File ID: BN03067.D

Level: (low/med) LOW Date Received: 4/8/99

% Moisture: 10.95 decanted:(Y/N) N Date Extracted: 4/9/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/12/99

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	260	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	620	JB
206-44-0	Fluoranthene	520	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	470	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	270	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	530	J
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	270	J
207-08-9	Benzo[k]fluoranthene	250	J
50-32-8	Benzo[a]pyrene	260	J
193-39-5	Indeno[1,2,3-cd]pyrene	150	J
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	160	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-125

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.02

Sample wt/vol: 10.03 (g/ml) G Lab File ID: BN03067.D

Level: (low/med) LOW Date Received: 4/8/99

% Moisture: 10.95 decanted: (Y/N) N Date Extracted: 4/9/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/12/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 12 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	18.43	1400	J
2. 001599-67-3	1-Docosene	23.85	6600	JN
3. 000112-85-6	Docosanoic acid	24.43	1000	JN
4. 006971-40-0	17-Pentatriacontene	25.36	2100	JN
5. 000506-12-7	Heptadecanoic acid	25.91	1100	JN
6. 056554-87-1	16-Octadecenal	26.35	1400	JN
7.	unknown	26.76	2600	J
8. 000638-66-4	Octadecanal	27.70	1600	JN
9. 000544-85-4	Dotriacontane	28.04	2000	JN
10. 000295-65-8	Cyclohexadecane	28.10	2400	JN
11. 002765-11-9	Pentadecanal-	28.96	1500	JN
12. 000630-06-8	Hexatriacontane	29.25	1300	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-126

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.04

Sample wt/vol: 10.28 (g/ml) G Lab File ID: BN03063.D

Level: (low/med) LOW Date Received: 4/8/99

% Moisture: 11.22 decanted:(Y/N) N Date Extracted: 4/9/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/12/99

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	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

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-126

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.04

Sample wt/vol: 10.28 (g/ml) G Lab File ID: BN03063.D

Level: (low/med) LOW Date Received: 4/8/99

% Moisture: 11.22 decanted:(Y/N) N Date Extracted: 4/9/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/12/99

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	190	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	360	JB
206-44-0	Fluoranthene	390	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	350	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	190	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	400	J
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	230	J
207-08-9	Benzo[k]fluoranthene	220	J
50-32-8	Benzo[a]pyrene	220	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-126

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.04

Sample wt/vol: 10.28 (g/ml) G Lab File ID: BN03063.D

Level: (low/med) LOW Date Received: 4/8/99

% Moisture: 11.22 decanted: (Y/N) N Date Extracted: 4/9/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/12/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 10 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000112-92-5	1-Octadecanol	23.85	6400	JN
2. 019047-85-9	Phosphonic acid, dioctadecyl este	25.36	2200	JN
3. 000124-25-4	Tetradecanal	26.35	1400	JN
4. 000544-85-4	Dotriacontane	26.75	2900	JN
5. 000638-66-4	Octadecanal	27.70	1500	JN
6. 000638-68-6	Triacontane	28.04	2400	JN
7. 000629-96-9	1-Eicosanol	28.09	2100	JN
8. 002765-11-9	Pentadecanal-	28.96	2000	JN
9. 006624-79-9	1-Dotriacontanol	29.34	1000	JN
10.	unknown	30.33	1400	J

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-127

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.06

Sample wt/vol: 10.04 (g/ml) G Lab File ID: BN03064.D

Level: (low/med) LOW Date Received: 4/8/99

% Moisture: 8.37 decanted:(Y/N) N Date Extracted: 4/9/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/12/99

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	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

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-127

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.06

Sample wt/vol: 10.04 (g/ml) G Lab File ID: BN03064.D

Level: (low/med) LOW Date Received: 4/8/99

% Moisture: 8.37 decanted:(Y/N) N Date Extracted: 4/9/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/12/99

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	300	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	720	JB
206-44-0	Fluoranthene	620	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	490	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	280	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	460	J
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	210	J
207-08-9	Benzo[k]fluoranthene	260	J
50-32-8	Benzo[a]pyrene	270	J
193-39-5	Indeno[1,2,3-cd]pyrene	160	J
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	180	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-127

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.06

Sample wt/vol: 10.04 (g/ml) G Lab File ID: BN03064.D

Level: (low/med) LOW Date Received: 4/8/99

% Moisture: 8.37 decanted: (Y/N) N Date Extracted: 4/9/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/12/99

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	18.43	2000	JN
2. 001454-84-8	1-Nonadecanol	23.85	5600	JN
3. 000629-96-9	1-Eicosanol	28.08	1100	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-128

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.08

Sample wt/vol: 10.01 (g/ml) G Lab File ID: BN03065.D

Level: (low/med) LOW Date Received: 4/8/99

% Moisture: 12.92 decanted:(Y/N) N Date Extracted: 4/9/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/12/99

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	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

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-128

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.08

Sample wt/vol: 10.01 (g/ml) G Lab File ID: BN03065.D

Level: (low/med) LOW Date Received: 4/8/99

% Moisture: 12.92 decanted:(Y/N) N Date Extracted: 4/9/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/12/99

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	180	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	130	JB
206-44-0	Fluoranthene	320	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	330	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	160	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	380	J
117-81-7	bis(2-Ethylhexyl)phthalate	200	J
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	190	J
207-08-9	Benzo[k]fluoranthene	190	J
50-32-8	Benzo[a]pyrene	170	J
193-39-5	Indeno[1,2,3-cd]pyrene	120	J
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	140	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-128

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.08

Sample wt/vol: 10.01 (g/ml) G Lab File ID: BN03065.D

Level: (low/med) LOW Date Received: 4/8/99

% Moisture: 12.92 decanted: (Y/N) N Date Extracted: 4/9/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/12/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 9 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	23.59	1100	J
2. 001454-84-8	1-Nonadecanol	23.85	6800	JN
3. 006971-40-0	17-Pentatriacontene	25.36	2000	JN
4. 000638-66-4	Octadecanal	26.35	2000	JN
5. 000506-51-4	1-Tetracosanol	26.76	2600	JN
6.	unknown	27.69	1200	J
7. 000638-68-6	Triacontane	28.03	1500	JN
8. 000629-96-9	1-Eicosanol	28.09	1400	JN
9. 000124-25-4	Tetradecanal	28.96	1500	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-129

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.10

Sample wt/vol: 10.07 (g/ml) G Lab File ID: BN03066.D

Level: (low/med) LOW Date Received: 4/8/99

% Moisture: 12.74 decanted:(Y/N) N Date Extracted: 4/9/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/12/99

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	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

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-129

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.10

Sample wt/vol: 10.07 (g/ml) G Lab File ID: BN03066.D

Level: (low/med) LOW Date Received: 4/8/99

% Moisture: 12.74 decanted:(Y/N) N Date Extracted: 4/9/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/12/99

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	240	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	480	JB
206-44-0	Fluoranthene	560	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	480	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	250	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	610	J
117-81-7	bis(2-Ethylhexyl)phthalate	240	J
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	340	J
207-08-9	Benzo[k]fluoranthene	300	J
50-32-8	Benzo[a]pyrene	280	J
193-39-5	Indeno[1,2,3-cd]pyrene	230	J
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	240	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-129

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.10

Sample wt/vol: 10.07 (g/ml) G Lab File ID: BN03066.D

Level: (low/med) LOW Date Received: 4/8/99

% Moisture: 12.74 decanted: (Y/N) N Date Extracted: 4/9/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/12/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 8 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	18.42	1400	J
2. 019047-85-9	Phosphonic acid, dioctadecyl este	23.85	5800	JN
3. 001454-84-8	1-Nonadecanol	25.36	2100	JN
4. 002765-11-9	Pentadecanal-	26.35	1300	JN
5. 000638-66-4	Octadecanal	27.70	1900	JN
6. 007098-22-8	Tetratetracontane	28.04	1600	JN
7. 000629-96-9	1-Eicosanol	28.09	1700	JN
8. 000124-25-4	Tetradecanal	28.96	2400	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-130

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.12

Sample wt/vol: 10.01 (g/ml) G Lab File ID: BN03058.D

Level: (low/med) LOW Date Received: 4/8/99

% Moisture: 11.87 decanted:(Y/N) N Date Extracted: 4/9/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/12/99

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	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

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-130

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.12

Sample wt/vol: 10.01 (g/ml) G Lab File ID: BN03058.D

Level: (low/med) LOW Date Received: 4/8/99

% Moisture: 11.87 decanted:(Y/N) N Date Extracted: 4/9/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/12/99

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	430	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-130

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.12

Sample wt/vol: 10.01 (g/ml) G Lab File ID: BN03058.D

Level: (low/med) LOW Date Received: 4/8/99

% Moisture: 11.87 decanted: (Y/N) N Date Extracted: 4/9/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/12/99

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.	unknown	18.43	1400	J
2. 001599-67-3	1-Docosene	23.85	6800	JN
3. 006624-79-9	1-Dotriacontanol	25.35	1000	JN
4. 000112-92-5	1-Octadecanol	28.08	1400	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-131

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.14

Sample wt/vol: 10.17 (g/ml) G Lab File ID: BNA02441.D

Level: (low/med) LOW Date Received: 4/8/99

% Moisture: 11.48 decanted:(Y/N) N Date Extracted: 4/9/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/12/99

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	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

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-131

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.14

Sample wt/vol: 10.17 (g/ml) G Lab File ID: BNA02441.D

Level: (low/med) LOW Date Received: 4/8/99

% Moisture: 11.48 decanted:(Y/N) N Date Extracted: 4/9/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/12/99

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	U
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-131

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.14

Sample wt/vol: 10.17 (g/ml) G Lab File ID: BNA02441.D

Level: (low/med) LOW Date Received: 4/8/99

% Moisture: 11.48 decanted: (Y/N) N Date Extracted: 4/9/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/12/99

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. 074685-30-6	5-Eicosene, (E)-	25.68	1900	JN
2. 000000-00-0	1-Hexacosanal	28.21	470	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-132

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.16

Sample wt/vol: 10.07 (g/ml) G Lab File ID: BN03059.D

Level: (low/med) LOW Date Received: 4/8/99

% Moisture: 22.58 decanted:(Y/N) N Date Extracted: 4/9/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/12/99

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	1300	U
62-75-9	N-nitroso-dimethylamine	1300	U
62-53-3	Aniline	1300	U
108-95-2	Phenol	1300	U
111-44-4	bis(2-Chloroethyl)ether	1300	U
95-57-8	2-Chlorophenol	1300	U
541-73-1	1,3-Dichlorobenzene	1300	U
106-46-7	1,4-Dichlorobenzene	1300	U
100-51-6	Benzyl alcohol	1300	U
95-50-1	1,2-Dichlorobenzene	1300	U
	2-Methylphenol	1300	U
108-60-1	bis(2-chloroisopropyl)ether	1300	U
	4-Methylphenol	1300	U
621-64-7	n-Nitroso-di-n-propylamine	1300	U
67-72-1	Hexachloroethane	1300	U
98-95-3	Nitrobenzene	1300	U
78-59-1	Isophorone	1300	U
88-75-5	2-Nitrophenol	1300	U
105-67-9	2,4-Dimethylphenol	1300	U
111-91-1	bis(2-Chloroethoxy)methane	1300	U
120-83-2	2,4-Dichlorophenol	1300	U
65-85-0	Benzoic Acid	1300	U
120-82-1	1,2,4-Trichlorobenzene	1300	U
91-20-3	Naphthalene	1300	U
106-47-8	4-Chloroaniline	1300	U
87-68-3	Hexachlorobutadiene	1300	U
59-50-7	4-Chloro-3-methylphenol	1300	U
91-57-6	2-Methylnaphthalene	1300	U
77-47-4	Hexachlorocyclopentadiene	1300	U
88-06-2	2,4,6-Trichlorophenol	1300	U
	2,4,5-Trichlorophenol	1300	U
91-58-7	2-Chloronaphthalene	1300	U
88-74-4	2-Nitroaniline	1300	U
131-11-3	Dimethylphthalate	1300	U
208-96-8	Acenaphthylene	1300	U
606-20-2	2,6-Dinitrotoluene	1300	U
99-09-2	3-Nitroaniline	1300	U

1C

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-132

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.16

Sample wt/vol: 10.07 (g/ml) G Lab File ID: BN03059.D

Level: (low/med) LOW Date Received: 4/8/99

% Moisture: 22.58 decanted:(Y/N) N Date Extracted: 4/9/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/12/99

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	1300	U
51-28-5	2,4-Dinitrophenol	1300	U
132-64-9	Dibenzofuran	1300	U
100-02-7	4-Nitrophenol	1300	U
121-14-2	2,4-Dinitrotoluene	1300	U
84-66-2	Diethylphthalate	1300	U
86-73-7	Fluorene	1300	U
7005-72-3	4-Chlorophenyl-phenylether	1300	U
100-01-6	4-Nitroaniline	1300	U
534-52-1	4,6-Dinitro-2-methylphenol	1300	U
86-30-6	n-Nitrosodiphenylamine	1300	U
103-33-3	Azobenzene	1300	U
101-55-3	4-Bromophenyl-phenylether	1300	U
118-74-1	Hexachlorobenzene	1300	U
87-86-5	Pentachlorophenol	1300	U
85-01-8	Phenanthrene	1300	U
120-12-7	Anthracene	1300	U
84-74-2	Di-n-butylphthalate	180	JB
206-44-0	Fluoranthene	1300	U
92-87-5	Benzidine	1300	U
129-00-0	Pyrene	1300	U
85-68-7	Butylbenzylphthalate	1300	U
56-55-3	Benzo[a]anthracene	1300	U
91-94-1	3,3'-Dichlorobenzidine	1300	U
218-01-9	Chrysene	1300	U
117-81-7	bis(2-Ethylhexyl)phthalate	220	J
117-84-0	Di-n-octylphthalate	1300	U
205-99-2	Benzo[b]fluoranthene	1300	U
207-08-9	Benzo[k]fluoranthene	1300	U
50-32-8	Benzo[a]pyrene	1300	U
193-39-5	Indeno[1,2,3-cd]pyrene	1300	U
53-70-3	Dibenz[a,h]anthracene	1300	U
191-24-2	Benzo[g,h,i]perylene	1300	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-132

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.16

Sample wt/vol: 10.07 (g/ml) G Lab File ID: BN03059.D

Level: (low/med) LOW Date Received: 4/8/99

% Moisture: 22.58 decanted: (Y/N) N Date Extracted: 4/9/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/12/99

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. 001454-84-8	1-Nonadecanol	23.85	8000	JN
2. 000506-52-5	1-Hexacosanol	25.36	1800	JN
3. 000629-96-9	1-Eicosanol	28.09	2500	JN
4.	unknown	28.73	1400	J
5. 006971-40-0	17-Pentatriacontene	29.33	1200	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-133

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.18

Sample wt/vol: 10.27 (g/ml) G Lab File ID: BN03060.D

Level: (low/med) LOW Date Received: 4/8/99

% Moisture: 8.58 decanted:(Y/N) N Date Extracted: 4/9/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/12/99

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	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

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-133

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.18

Sample wt/vol: 10.27 (g/ml) G Lab File ID: BN03060.D

Level: (low/med) LOW Date Received: 4/8/99

% Moisture: 8.58 decanted:(Y/N) N Date Extracted: 4/9/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/12/99

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	150	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-133

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.18

Sample wt/vol: 10.27 (g/ml) G Lab File ID: BN03060.D

Level: (low/med) LOW Date Received: 4/8/99

% Moisture: 8.58 decanted: (Y/N) N Date Extracted: 4/9/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/12/99

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. 001454-84-8	1-Nonadecanol	23.84	4800	JN
2. 000629-96-9	1-Eicosanol	28.08	910	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-134

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.20

Sample wt/vol: 10.01 (g/ml) G Lab File ID: BN03062.D

Level: (low/med) LOW Date Received: 4/8/99

% Moisture: 19.34 decanted:(Y/N) N Date Extracted: 4/9/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/12/99

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

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-134

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.20

Sample wt/vol: 10.01 (g/ml) G Lab File ID: BN03062.D

Level: (low/med) LOW Date Received: 4/8/99

% Moisture: 19.34 decanted:(Y/N) N Date Extracted: 4/9/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/12/99

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	630	JB
206-44-0	Fluoranthene	240	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	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	140	J
207-08-9	Benzo[k]fluoranthene	120	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-134

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.20

Sample wt/vol: 10.01 (g/ml) G Lab File ID: BN03062.D

Level: (low/med) LOW Date Received: 4/8/99

% Moisture: 19.34 decanted: (Y/N) N Date Extracted: 4/9/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/12/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 5 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.42	1600	JN
2. 001599-67-3	1-Docosene	23.84	6900	JN
3. 006971-40-0	17-Pentatriacontene	25.35	1600	JN
4. 001454-84-8	1-Nonadecanol	28.09	1400	JN
5.	unknown	28.72	1200	J

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-135

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.22

Sample wt/vol: 10.08 (g/ml) G Lab File ID: BNA02442.D

Level: (low/med) LOW Date Received: 4/8/99

% Moisture: 29.31 decanted:(Y/N) N Date Extracted: 4/9/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/12/99

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	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

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-135

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.22

Sample wt/vol: 10.08 (g/ml) G Lab File ID: BNA02442.D

Level: (low/med) LOW Date Received: 4/8/99

% Moisture: 29.31 decanted:(Y/N) N Date Extracted: 4/9/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/12/99

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	1400	U
51-28-5	2,4-Dinitrophenol	1400	U
132-64-9	Dibenzofuran	1400	U
100-02-7	4-Nitrophenol	1400	U
121-14-2	2,4-Dinitrotoluene	1400	U
84-66-2	Diethylphthalate	1400	U
86-73-7	Fluorene	1400	U
7005-72-3	4-Chlorophenyl-phenylether	1400	U
100-01-6	4-Nitroaniline	1400	U
534-52-1	4,6-Dinitro-2-methylphenol	1400	U
86-30-6	n-Nitrosodiphenylamine	1400	U
103-33-3	Azobenzene	1400	U
101-55-3	4-Bromophenyl-phenylether	1400	U
118-74-1	Hexachlorobenzene	1400	U
87-86-5	Pentachlorophenol	1400	U
85-01-8	Phenanthrene	210	J
120-12-7	Anthracene	1400	U
84-74-2	Di-n-butylphthalate	1400	U
206-44-0	Fluoranthene	280	J
92-87-5	Benzidine	1400	U
129-00-0	Pyrene	380	J
85-68-7	Butylbenzylphthalate	1400	U
56-55-3	Benzo[a]anthracene	170	J
91-94-1	3,3'-Dichlorobenzidine	1400	U
218-01-9	Chrysene	340	J
117-81-7	bis(2-Ethylhexyl)phthalate	1400	U
117-84-0	Di-n-octylphthalate	1400	U
205-99-2	Benzo[b]fluoranthene	170	J
207-08-9	Benzo[k]fluoranthene	180	J
50-32-8	Benzo[a]pyrene	180	J
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-135

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.22

Sample wt/vol: 10.08 (g/ml) G Lab File ID: BNA02442.D

Level: (low/med) LOW Date Received: 4/8/99

% Moisture: 29.31 decanted: (Y/N) N Date Extracted: 4/9/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/12/99

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. 000072-54-8	1,1-Dichloro-2,2-bis(p-chlorophen	24.14	1600	JN
2.	unknown	24.37	1200	J
3. 001740-19-8	1-Phenanthrenecarboxylic acid, 1	24.70	590	JN
4.	unknown	30.19	5400	J

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-136

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.24

Sample wt/vol: 10.29 (g/ml) G Lab File ID: BN03070.D

Level: (low/med) LOW Date Received: 4/8/99

% Moisture: 9.77 decanted:(Y/N) N Date Extracted: 4/9/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/12/99

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	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

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-136

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.24

Sample wt/vol: 10.29 (g/ml) G Lab File ID: BN03070.D

Level: (low/med) LOW Date Received: 4/8/99

% Moisture: 9.77 decanted:(Y/N) N Date Extracted: 4/9/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/12/99

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	130	JB
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	710	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-136

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.24

Sample wt/vol: 10.29 (g/ml) G Lab File ID: BN03070.D

Level: (low/med) LOW Date Received: 4/8/99

% Moisture: 9.77 decanted: (Y/N) N Date Extracted: 4/9/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/12/99

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. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.42	1600	JN
2. 001454-84-8	1-Nonadecanol	23.85	5300	JN
3. 006624-79-9	1-Dotriacontanol	25.35	1100	JN
4.	unknown	28.08	1100	J

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-137

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.26 (1:10)

Sample wt/vol: 10.04 (g/ml) G Lab File ID: BNA02448.D

Level: (low/med) LOW Date Received: 4/8/99

% Moisture: 29.89 decanted:(Y/N) N Date Extracted: 4/9/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/12/99

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: 7

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	14000	U
62-75-9	N-nitroso-dimethylamine	14000	U
62-53-3	Aniline	14000	U
108-95-2	Phenol	14000	U
111-44-4	bis(2-Chloroethyl)ether	14000	U
95-57-8	2-Chlorophenol	14000	U
541-73-1	1,3-Dichlorobenzene	14000	U
106-46-7	1,4-Dichlorobenzene	14000	U
100-51-6	Benzyl alcohol	14000	U
95-50-1	1,2-Dichlorobenzene	14000	U
	2-Methylphenol	14000	U
108-60-1	bis(2-chloroisopropyl)ether	14000	U
	4-Methylphenol	14000	U
621-64-7	n-Nitroso-di-n-propylamine	14000	U
67-72-1	Hexachloroethane	14000	U
98-95-3	Nitrobenzene	14000	U
78-59-1	Isophorone	14000	U
88-75-5	2-Nitrophenol	14000	U
105-67-9	2,4-Dimethylphenol	14000	U
111-91-1	bis(2-Chloroethoxy)methane	14000	U
120-83-2	2,4-Dichlorophenol	14000	U
65-85-0	Benzoic Acid	14000	U
120-82-1	1,2,4-Trichlorobenzene	14000	U
91-20-3	Naphthalene	14000	U
106-47-8	4-Chloroaniline	14000	U
87-68-3	Hexachlorobutadiene	14000	U
59-50-7	4-Chloro-3-methylphenol	14000	U
91-57-6	2-Methylnaphthalene	14000	U
77-47-4	Hexachlorocyclopentadiene	14000	U
88-06-2	2,4,6-Trichlorophenol	14000	U
	2,4,5-Trichlorophenol	14000	U
91-58-7	2-Chloronaphthalene	14000	U
88-74-4	2-Nitroaniline	14000	U
131-11-3	Dimethylphthalate	14000	U
208-96-8	Acenaphthylene	14000	U
606-20-2	2,6-Dinitrotoluene	14000	U
99-09-2	3-Nitroaniline	14000	U

1C

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-137

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.26 (1:10)

Sample wt/vol: 10.04 (g/ml) G Lab File ID: BNA02448.D

Level: (low/med) LOW Date Received: 4/8/99

% Moisture: 29.89 decanted:(Y/N) N Date Extracted: 4/9/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/12/99

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: 7

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	14000	U
51-28-5	2,4-Dinitrophenol	14000	U
132-64-9	Dibenzofuran	14000	U
100-02-7	4-Nitrophenol	14000	U
121-14-2	2,4-Dinitrotoluene	14000	U
84-66-2	Diethylphthalate	14000	U
86-73-7	Fluorene	14000	U
7005-72-3	4-Chlorophenyl-phenylether	14000	U
100-01-6	4-Nitroaniline	14000	U
534-52-1	4,6-Dinitro-2-methylphenol	14000	U
86-30-6	n-Nitrosodiphenylamine	14000	U
103-33-3	Azobenzene	14000	U
101-55-3	4-Bromophenyl-phenylether	14000	U
118-74-1	Hexachlorobenzene	14000	U
87-86-5	Pentachlorophenol	14000	U
85-01-8	Phenanthrene	14000	U
120-12-7	Anthracene	14000	U
84-74-2	Di-n-butylphthalate	14000	U
206-44-0	Fluoranthene	14000	U
92-87-5	Benzidine	14000	U
129-00-0	Pyrene	14000	U
85-68-7	Butylbenzylphthalate	14000	U
56-55-3	Benzo[a]anthracene	14000	U
91-94-1	3,3'-Dichlorobenzidine	14000	U
218-01-9	Chrysene	14000	U
117-81-7	bis(2-Ethylhexyl)phthalate	14000	U
117-84-0	Di-n-octylphthalate	14000	U
205-99-2	Benzo[b]fluoranthene	14000	U
207-08-9	Benzo[k]fluoranthene	14000	U
50-32-8	Benzo[a]pyrene	14000	U
193-39-5	Indeno[1,2,3-cd]pyrene	14000	U
53-70-3	Dibenz[a,h]anthracene	14000	U
191-24-2	Benzo[g,h,i]perylene	14000	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-137

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.26 (1:10)

Sample wt/vol: 10.04 (g/ml) G Lab File ID: BNA02448.D

Level: (low/med) LOW Date Received: 4/8/99

% Moisture: 29.89 decanted: (Y/N) N Date Extracted: 4/9/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/12/99

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

002165

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-138

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.28

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA02443.D

Level: (low/med) LOW Date Received: 4/8/99

% Moisture: 13.62 decanted:(Y/N) N Date Extracted: 4/9/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/12/99

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

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-138

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.28

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA02443.D

Level: (low/med) LOW Date Received: 4/8/99

% Moisture: 13.62 decanted:(Y/N) N Date Extracted: 4/9/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/12/99

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	430	J
120-12-7	Anthracene	1200	U
84-74-2	Di-n-butylphthalate	330	JB
206-44-0	Fluoranthene	800	J
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	800	J
85-68-7	Butylbenzylphthalate	1200	U
56-55-3	Benzo[a]anthracene	470	J
91-94-1	3,3'-Dichlorobenzidine	1200	U
218-01-9	Chrysene	720	J
117-81-7	bis(2-Ethylhexyl)phthalate	130	J
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo[b]fluoranthene	410	J
207-08-9	Benzo[k]fluoranthene	400	J
50-32-8	Benzo[a]pyrene	430	J
193-39-5	Indeno[1,2,3-cd]pyrene	150	J
53-70-3	Dibenz[a,h]anthracene	1200	U
191-24-2	Benzo[g,h,i]perylene	170	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-138

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.28

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA02443.D

Level: (low/med) LOW Date Received: 4/8/99

% Moisture: 13.62 decanted: (Y/N) N Date Extracted: 4/9/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/12/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 7 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 004889-83-2	Bicyclo[3.1.1]hept-2-ene, 3,6,6-tri	7.50	2600	JN
2.	unknown	11.20	490	J
3. 000084-64-0	1,2-Benzenedicarboxylic acid, but	20.22	670	JN
4.	unknown	22.60	520	J
5.	unknown	23.79	12000	J
6.	unknown	24.41	6900	J
7. 001740-19-8	1-Phenanthrenecarboxylic acid, 1	24.71	2200	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-139

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.30

Sample wt/vol: 10.03 (g/ml) G Lab File ID: BNA02463.D

Level: (low/med) LOW Date Received: 4/8/99

% Moisture: 11.25 decanted:(Y/N) N Date Extracted: 4/13/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/15/99

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	400	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	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

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-139

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.30

Sample wt/vol: 10.03 (g/ml) G Lab File ID: BNA02463.D

Level: (low/med) LOW Date Received: 4/8/99

% Moisture: 11.25 decanted:(Y/N) N Date Extracted: 4/13/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/15/99

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	360	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	420	JB
206-44-0	Fluoranthene	410	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	550	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	220	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	460	J
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	160	J
207-08-9	Benzo[k]fluoranthene	190	J
50-32-8	Benzo[a]pyrene	180	J
193-39-5	Indeno[1,2,3-cd]pyrene	170	J
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	210	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-139

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.30

Sample wt/vol: 10.03 (g/ml) G Lab File ID: BNA02463.D

Level: (low/med) LOW Date Received: 4/8/99

% Moisture: 11.25 decanted: (Y/N) N Date Extracted: 4/13/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/15/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 6 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 017851-53-5	1,2-Benzenedicarboxylic acid, bul	20.21	930	JN
2. 056554-86-0	17-Octadecenal	25.18	550	JN
3. 001599-67-3	1-Docosene	27.19	970	JN
4. 000629-92-5	Nonadecane	28.59	870	JN
5. 000000-00-0	1-Hexacosanal	29.59	940	JN
6. 000593-45-3	Octadecane	29.97	910	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-140

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.32

Sample wt/vol: 10.1 (g/ml) G Lab File ID: BNA02523.D

Level: (low/med) LOW Date Received: 4/8/99

% Moisture: 20.85 decanted:(Y/N) N Date Extracted: 4/13/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/26/99

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	1300	U
62-75-9	N-nitroso-dimethylamine	1300	U
62-53-3	Aniline	1300	U
108-95-2	Phenol	1300	U
111-44-4	bis(2-Chloroethyl)ether	1300	U
95-57-8	2-Chlorophenol	1300	U
541-73-1	1,3-Dichlorobenzene	1300	U
106-46-7	1,4-Dichlorobenzene	1300	U
100-51-6	Benzyl alcohol	1300	U
95-50-1	1,2-Dichlorobenzene	1300	U
	2-Methylphenol	1300	U
108-60-1	bis(2-chloroisopropyl)ether	1300	U
	4-Methylphenol	1300	U
621-64-7	n-Nitroso-di-n-propylamine	1300	U
67-72-1	Hexachloroethane	1300	U
98-95-3	Nitrobenzene	1300	U
78-59-1	Isophorone	1300	U
88-75-5	2-Nitrophenol	1300	U
105-67-9	2,4-Dimethylphenol	1300	U
111-91-1	bis(2-Chloroethoxy)methane	1300	U
120-83-2	2,4-Dichlorophenol	1300	U
65-85-0	Benzoic Acid	1300	U
120-82-1	1,2,4-Trichlorobenzene	1300	U
91-20-3	Naphthalene	1300	U
106-47-8	4-Chloroaniline	1300	U
87-68-3	Hexachlorobutadiene	1300	U
59-50-7	4-Chloro-3-methylphenol	1300	U
91-57-6	2-Methylnaphthalene	1300	U
77-47-4	Hexachlorocyclopentadiene	1300	U
88-06-2	2,4,6-Trichlorophenol	1300	U
	2,4,5-Trichlorophenol	1300	U
91-58-7	2-Chloronaphthalene	1300	U
88-74-4	2-Nitroaniline	1300	U
131-11-3	Dimethylphthalate	1300	U
208-96-8	Acenaphthylene	270	J
606-20-2	2,6-Dinitrotoluene	1300	U
99-09-2	3-Nitroaniline	1300	U

1C

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-140

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.32

Sample wt/vol: 10.1 (g/ml) G Lab File ID: BNA02523.D

Level: (low/med) LOW Date Received: 4/8/99

% Moisture: 20.85 decanted:(Y/N) N Date Extracted: 4/13/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/26/99

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	1300	U
51-28-5	2,4-Dinitrophenol	1300	U
132-64-9	Dibenzofuran	1300	U
100-02-7	4-Nitrophenol	1300	U
121-14-2	2,4-Dinitrotoluene	1300	U
84-66-2	Diethylphthalate	1300	U
86-73-7	Fluorene	1300	U
7005-72-3	4-Chlorophenyl-phenylether	1300	U
100-01-6	4-Nitroaniline	1300	U
534-52-1	4,6-Dinitro-2-methylphenol	1300	U
86-30-6	n-Nitrosodiphenylamine	1300	U
103-33-3	Azobenzene	1300	U
101-55-3	4-Bromophenyl-phenylether	1300	U
118-74-1	Hexachlorobenzene	1300	U
87-86-5	Pentachlorophenol	1300	U
85-01-8	Phenanthrene	440	J
120-12-7	Anthracene	140	J
84-74-2	Di-n-butylphthalate	270	JB
206-44-0	Fluoranthene	880	J
92-87-5	Benzidine	1300	U
129-00-0	Pyrene	1200	J
85-68-7	Butylbenzylphthalate	1300	U
56-55-3	Benzo[a]anthracene	570	J
91-94-1	3,3'-Dichlorobenzidine	1300	U
218-01-9	Chrysene	1100	J
117-81-7	bis(2-Ethylhexyl)phthalate	160	J
117-84-0	Di-n-octylphthalate	1300	U
205-99-2	Benzo[b]fluoranthene	570	J
207-08-9	Benzo[k]fluoranthene	760	J
50-32-8	Benzo[a]pyrene	590	J
193-39-5	Indeno[1,2,3-cd]pyrene	1300	U
53-70-3	Dibenz[a,h]anthracene	1300	U
191-24-2	Benzo[g,h,i]perylene	1300	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-140

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.32

Sample wt/vol: 10.1 (g/ml) G Lab File ID: BNA02523.D

Level: (low/med) LOW Date Received: 4/8/99

% Moisture: 20.85 decanted: (Y/N) N Date Extracted: 4/13/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/26/99

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.	unknown	5.71	990	J
2.	unknown	8.48	1100	J
3. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	20.14	660	JN
4.	unknown	24.79	3300	J
5.	unknown	25.02	3300	J

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-141

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.34(1:5)

Sample wt/vol: 10.1 (g/ml) G Lab File ID: BNA02501.D

Level: (low/med) LOW Date Received: 4/8/99

% Moisture: 15.49 decanted:(Y/N) N Date Extracted: 4/13/99

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 4/23/99

Injection Volume: 1.0 (uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N pH: 7

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	58000	U
62-75-9	N-nitroso-dimethylamine	58000	U
62-53-3	Aniline	58000	U
108-95-2	Phenol	58000	U
111-44-4	bis(2-Chloroethyl)ether	58000	U
95-57-8	2-Chlorophenol	58000	U
541-73-1	1,3-Dichlorobenzene	58000	U
106-46-7	1,4-Dichlorobenzene	58000	U
100-51-6	Benzyl alcohol	58000	U
95-50-1	1,2-Dichlorobenzene	58000	U
	2-Methylphenol	58000	U
108-60-1	bis(2-chloroisopropyl)ether	58000	U
	4-Methylphenol	8800	JD
621-64-7	n-Nitroso-di-n-propylamine	58000	U
67-72-1	Hexachloroethane	58000	U
98-95-3	Nitrobenzene	58000	U
78-59-1	Isophorone	58000	U
88-75-5	2-Nitrophenol	58000	U
105-67-9	2,4-Dimethylphenol	58000	U
111-91-1	bis(2-Chloroethoxy)methane	58000	U
120-83-2	2,4-Dichlorophenol	58000	U
65-85-0	Benzoic Acid	58000	U
120-82-1	1,2,4-Trichlorobenzene	58000	U
91-20-3	Naphthalene	720000	D
106-47-8	4-Chloroaniline	58000	U
87-68-3	Hexachlorobutadiene	58000	U
59-50-7	4-Chloro-3-methylphenol	58000	U
91-57-6	2-Methylnaphthalene	230000	D
77-47-4	Hexachlorocyclopentadiene	58000	U
88-06-2	2,4,6-Trichlorophenol	58000	U
	2,4,5-Trichlorophenol	58000	U
91-58-7	2-Chloronaphthalene	58000	U
88-74-4	2-Nitroaniline	58000	U
131-11-3	Dimethylphthalate	58000	U
208-96-8	Acenaphthylene	58000	U
606-20-2	2,6-Dinitrotoluene	58000	U
99-09-2	3-Nitroaniline	58000	U

1C

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-141

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.34(1:5)

Sample wt/vol: 10.1 (g/ml) G Lab File ID: BNA02501.D

Level: (low/med) LOW Date Received: 4/8/99

% Moisture: 15.49 decanted:(Y/N) N Date Extracted: 4/13/99

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 4/23/99

Injection Volume: 1.0 (uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N pH: 7

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1300000	D
51-28-5	2,4-Dinitrophenol	58000	U
132-64-9	Dibenzofuran	600000	D
100-02-7	4-Nitrophenol	58000	U
121-14-2	2,4-Dinitrotoluene	58000	U
84-66-2	Diethylphthalate	58000	U
86-73-7	Fluorene	970000	D
7005-72-3	4-Chlorophenyl-phenylether	58000	U
100-01-6	4-Nitroaniline	58000	U
534-52-1	4,6-Dinitro-2-methylphenol	58000	U
86-30-6	n-Nitrosodiphenylamine	58000	U
103-33-3	Azobenzene	58000	U
101-55-3	4-Bromophenyl-phenylether	58000	U
118-74-1	Hexachlorobenzene	58000	U
87-86-5	Pentachlorophenol	58000	U
85-01-8	Phenanthrene	5400000	ED
120-12-7	Anthracene	2000000	D
84-74-2	Di-n-butylphthalate	58000	U
206-44-0	Fluoranthene	5500000	ED
92-87-5	Benzidine	58000	U
129-00-0	Pyrene	2900000	D
85-68-7	Butylbenzylphthalate	58000	U
56-55-3	Benzo[a]anthracene	1900000	D
91-94-1	3,3'-Dichlorobenzidine	58000	U
218-01-9	Chrysene	2400000	D
117-81-7	bis(2-Ethylhexyl)phthalate	58000	U
117-84-0	Di-n-octylphthalate	58000	U
205-99-2	Benzo[b]fluoranthene	2500000	D
207-08-9	Benzo[k]fluoranthene	2200000	D
50-32-8	Benzo[a]pyrene	2500000	D
193-39-5	Indeno[1,2,3-cd]pyrene	670000	D
53-70-3	Dibenz[a,h]anthracene	410000	D
191-24-2	Benzo[g,h,i]perylene	520000	D

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-141

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.34(1:5)

Sample wt/vol: 10.1 (g/ml) G Lab File ID: BNA02501.D

Level: (low/med) LOW Date Received: 4/8/99

% Moisture: 15.49 decanted: (Y/N) N Date Extracted: 4/13/99

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 4/23/99

Injection Volume: 1.0 (uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 25 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000091-57-6	Naphthalene, 2-methyl-	13.65	170000	JND
2. 000827-54-3	Naphthalene, 2-ethenyl-	14.55	81000	JND
3. 001127-76-0	Naphthalene, 1-ethyl-	14.75	48000	JND
4. 000575-43-9	Naphthalene, 1,6-dimethyl-	14.89	76000	JND
5. 000581-40-8	Naphthalene, 2,3-dimethyl-	15.10	86000	JND
6. 000582-16-1	Naphthalene, 2,7-dimethyl-	15.14	46000	JND
7.	unknown	16.29	65000	JD
8. 002320-32-3	Benzene, [1-(2,4-cyclopentadien-	17.32	74000	JND
9. 000643-58-3	1,1'-Biphenyl, 2-methyl-	17.39	200000	JND
10. 002489-86-3	Naphthalene, 1-(2-propenyl)-	17.48	110000	JND
11. 007320-53-8	Dibenzofuran, 4-methyl-	17.60	130000	JND
12. 002788-23-0	9H-Carbazole, 9-nitroso-	20.07	44000	JND
13.	unknown	20.91	54000	JD
14. 000238-84-6	11H-Benzo[a]fluorene	23.71	100000	JND
15. 000243-17-4	11H-Benzo[b]fluorene	23.86	77000	JND
16.	unknown	23.99	33000	JD
17.	unknown	25.22	52000	JD
18. 025732-74-5	3,4-Dihydrocyclopenta(cd)pyrene	26.03	51000	JND
19. 000239-01-0	Benzo(a)carbazole	26.24	32000	JND
20. 003697-24-3	Chrysene, 5-methyl-	26.71	27000	JND
21. 000000-00-0	4,8'-Biazulenyl	27.84	110000	JND
22. 000198-55-0	Perylene	28.37	490000	JND
23. 000192-97-2	Benzo[e]pyrene	28.72	1100000	JND
24. 000205-82-3	Benzo[j]fluoranthene	28.98	430000	JND
25.	unknown	30.98	110000	JD

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-141

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.34(1:250)

Sample wt/vol: 10.1 (g/ml) G Lab File ID: BNA02518.D

Level: (low/med) LOW Date Received: 4/8/99

% Moisture: 15.49 decanted:(Y/N) N Date Extracted: 4/13/99

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 4/26/99

Injection Volume: 1.0 (uL) Dilution Factor: 250.0

GPC Cleanup: (Y/N) N pH: 7

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	2900000	U
62-75-9	N-nitroso-dimethylamine	2900000	U
62-53-3	Aniline	2900000	U
108-95-2	Phenol	2900000	U
111-44-4	bis(2-Chloroethyl)ether	2900000	U
95-57-8	2-Chlorophenol	2900000	U
541-73-1	1,3-Dichlorobenzene	2900000	U
106-46-7	1,4-Dichlorobenzene	2900000	U
100-51-6	Benzyl alcohol	2900000	U
95-50-1	1,2-Dichlorobenzene	2900000	U
	2-Methylphenol	2900000	U
108-60-1	bis(2-chloroisopropyl)ether	2900000	U
	4-Methylphenol	2900000	U
621-64-7	n-Nitroso-di-n-propylamine	2900000	U
67-72-1	Hexachloroethane	2900000	U
98-95-3	Nitrobenzene	2900000	U
78-59-1	Isophorone	2900000	U
88-75-5	2-Nitrophenol	2900000	U
105-67-9	2,4-Dimethylphenol	2900000	U
111-91-1	bis(2-Chloroethoxy)methane	2900000	U
120-83-2	2,4-Dichlorophenol	2900000	U
65-85-0	Benzoic Acid	2900000	U
120-82-1	1,2,4-Trichlorobenzene	2900000	U
91-20-3	Naphthalene	700000	JD
106-47-8	4-Chloroaniline	2900000	U
87-68-3	Hexachlorobutadiene	2900000	U
59-50-7	4-Chloro-3-methylphenol	2900000	U
91-57-6	2-Methylnaphthalene	2900000	U
77-47-4	Hexachlorocyclopentadiene	2900000	U
88-06-2	2,4,6-Trichlorophenol	2900000	U
	2,4,5-Trichlorophenol	2900000	U
91-58-7	2-Chloronaphthalene	2900000	U
88-74-4	2-Nitroaniline	2900000	U
131-11-3	Dimethylphthalate	2900000	U
208-96-8	Acenaphthylene	2900000	U
606-20-2	2,6-Dinitrotoluene	2900000	U
99-09-2	3-Nitroaniline	2900000	U

1C

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-141

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.34(1:250)

Sample wt/vol: 10.1 (g/ml) G Lab File ID: BNA02518.D

Level: (low/med) LOW Date Received: 4/8/99

% Moisture: 15.49 decanted:(Y/N) N Date Extracted: 4/13/99

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 4/26/99

Injection Volume: 1.0 (uL) Dilution Factor: 250.0

GPC Cleanup: (Y/N) N pH: 7

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1200000	JD
51-28-5	2,4-Dinitrophenol	2900000	U
132-64-9	Dibenzofuran	460000	JD
100-02-7	4-Nitrophenol	2900000	U
121-14-2	2,4-Dinitrotoluene	2900000	U
84-66-2	Diethylphthalate	2900000	U
86-73-7	Fluorene	780000	JD
7005-72-3	4-Chlorophenyl-phenylether	2900000	U
100-01-6	4-Nitroaniline	2900000	U
534-52-1	4,6-Dinitro-2-methylphenol	2900000	U
86-30-6	n-Nitrosodiphenylamine	2900000	U
103-33-3	Azobenzene	2900000	U
101-55-3	4-Bromophenyl-phenylether	2900000	U
118-74-1	Hexachlorobenzene	2900000	U
87-86-5	Pentachlorophenol	2900000	U
85-01-8	Phenanthrene	4900000	D
120-12-7	Anthracene	1200000	JD
84-74-2	Di-n-butylphthalate	2900000	U
206-44-0	Fluoranthene	4500000	D
92-87-5	Benzidine	2900000	U
129-00-0	Pyrene	4400000	D
85-68-7	Butylbenzylphthalate	2900000	U
56-55-3	Benzo[a]anthracene	1600000	JD
91-94-1	3,3'-Dichlorobenzidine	2900000	U
218-01-9	Chrysene	2200000	JD
117-81-7	bis(2-Ethylhexyl)phthalate	2900000	U
117-84-0	Di-n-octylphthalate	2900000	U
205-99-2	Benzo[b]fluoranthene	950000	JD
207-08-9	Benzo[k]fluoranthene	910000	JD
50-32-8	Benzo[a]pyrene	1100000	JD
193-39-5	Indeno[1,2,3-cd]pyrene	760000	JD
53-70-3	Dibenz[a,h]anthracene	2900000	U
191-24-2	Benzo[g,h,i]perylene	840000	JD

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-142

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.36

Sample wt/vol: 10.16 (g/ml) G Lab File ID: BNA02469.D

Level: (low/med) LOW Date Received: 4/8/99

% Moisture: 13.64 decanted:(Y/N) N Date Extracted: 4/13/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/15/99

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	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

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-142

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.36

Sample wt/vol: 10.16 (g/ml) G Lab File ID: BNA02469.D

Level: (low/med) LOW Date Received: 4/8/99

% Moisture: 13.64 decanted:(Y/N) N Date Extracted: 4/13/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/15/99

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	510	J
120-12-7	Anthracene	130	J
84-74-2	Di-n-butylphthalate	260	JB
206-44-0	Fluoranthene	520	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	490	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	250	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	410	J
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	270	J
207-08-9	Benzo[k]fluoranthene	200	J
50-32-8	Benzo[a]pyrene	230	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-142

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.36

Sample wt/vol: 10.16 (g/ml) G Lab File ID: BNA02469.D

Level: (low/med) LOW Date Received: 4/8/99

% Moisture: 13.64 decanted: (Y/N) N Date Extracted: 4/13/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/15/99

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.	unknown	5.78	930	J
2. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	20.21	570	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-143

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.42

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA02471.D

Level: (low/med) LOW Date Received: 4/8/99

% Moisture: 7.92 decanted:(Y/N) N Date Extracted: 4/13/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/15/99

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	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

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-143

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.42

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA02471.D

Level: (low/med) LOW Date Received: 4/8/99

% Moisture: 7.92 decanted:(Y/N) N Date Extracted: 4/13/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/15/99

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	220	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	120	J
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-143

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.42

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA02471.D

Level: (low/med) LOW Date Received: 4/8/99

% Moisture: 7.92 decanted: (Y/N) N Date Extracted: 4/13/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/15/99

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.	unknown	20.21	500	J
2. 001599-67-3	1-Docosene	25.68	2600	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-144

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.44(1:10)

Sample wt/vol: 10.18 (g/ml) G Lab File ID: BNA02503.D

Level: (low/med) LOW Date Received: 4/8/99

% Moisture: 10.76 decanted:(Y/N) N Date Extracted: 4/13/99

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 4/23/99

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: 7

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	55000	U
62-75-9	N-nitroso-dimethylamine	55000	U
62-53-3	Aniline	55000	U
108-95-2	Phenol	55000	U
111-44-4	bis(2-Chloroethyl)ether	55000	U
95-57-8	2-Chlorophenol	55000	U
541-73-1	1,3-Dichlorobenzene	55000	U
106-46-7	1,4-Dichlorobenzene	55000	U
100-51-6	Benzyl alcohol	55000	U
95-50-1	1,2-Dichlorobenzene	55000	U
	2-Methylphenol	55000	U
108-60-1	bis(2-chloroisopropyl)ether	55000	U
	4-Methylphenol	13000	JD
621-64-7	n-Nitroso-di-n-propylamine	55000	U
67-72-1	Hexachloroethane	55000	U
98-95-3	Nitrobenzene	55000	U
78-59-1	Isophorone	55000	U
88-75-5	2-Nitrophenol	55000	U
105-67-9	2,4-Dimethylphenol	8900	JD
111-91-1	bis(2-Chloroethoxy)methane	55000	U
120-83-2	2,4-Dichlorophenol	55000	U
65-85-0	Benzoic Acid	55000	U
120-82-1	1,2,4-Trichlorobenzene	55000	U
91-20-3	Naphthalene	950000	D
106-47-8	4-Chloroaniline	55000	U
87-68-3	Hexachlorobutadiene	55000	U
59-50-7	4-Chloro-3-methylphenol	55000	U
91-57-6	2-Methylnaphthalene	380000	D
77-47-4	Hexachlorocyclopentadiene	55000	U
88-06-2	2,4,6-Trichlorophenol	55000	U
	2,4,5-Trichlorophenol	55000	U
91-58-7	2-Chloronaphthalene	55000	U
88-74-4	2-Nitroaniline	55000	U
131-11-3	Dimethylphthalate	55000	U
208-96-8	Acenaphthylene	6000	JD
606-20-2	2,6-Dinitrotoluene	55000	U
99-09-2	3-Nitroaniline	55000	U

1C

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-144

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.44(1:10)

Sample wt/vol: 10.18 (g/ml) G Lab File ID: BNA02503.D

Level: (low/med) LOW Date Received: 4/8/99

% Moisture: 10.76 decanted:(Y/N) N Date Extracted: 4/13/99

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 4/23/99

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: 7

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1700000	D
51-28-5	2,4-Dinitrophenol	55000	U
132-64-9	Dibenzofuran	910000	D
100-02-7	4-Nitrophenol	55000	U
121-14-2	2,4-Dinitrotoluene	55000	U
84-66-2	Diethylphthalate	55000	U
86-73-7	Fluorene	1500000	D
7005-72-3	4-Chlorophenyl-phenylether	55000	U
100-01-6	4-Nitroaniline	55000	U
534-52-1	4,6-Dinitro-2-methylphenol	55000	U
86-30-6	n-Nitrosodiphenylamine	55000	U
103-33-3	Azobenzene	55000	U
101-55-3	4-Bromophenyl-phenylether	55000	U
118-74-1	Hexachlorobenzene	55000	U
87-86-5	Pentachlorophenol	55000	U
85-01-8	Phenanthrene	11719554	ED
120-12-7	Anthracene	4000000	D
84-74-2	Di-n-butylphthalate	55000	U
206-44-0	Fluoranthene	12075451	ED
92-87-5	Benzidine	55000	U
129-00-0	Pyrene	15266771	ED
85-68-7	Butylbenzylphthalate	55000	U
56-55-3	Benzo[a]anthracene	11609181	ED
91-94-1	3,3'-Dichlorobenzidine	55000	U
218-01-9	Chrysene	10809309	ED
117-81-7	bis(2-Ethylhexyl)phthalate	55000	U
117-84-0	Di-n-octylphthalate	55000	U
205-99-2	Benzo[b]fluoranthene	5400000	D
207-08-9	Benzo[k]fluoranthene	3100000	D
50-32-8	Benzo[a]pyrene	4500000	D
193-39-5	Indeno[1,2,3-cd]pyrene	1200000	D
53-70-3	Dibenz[a,h]anthracene	850000	D
191-24-2	Benzo[g,h,i]perylene	940000	D

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-144

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.44(1:10)

Sample wt/vol: 10.18 (g/ml) G Lab File ID: BNA02503.D

Level: (low/med) LOW Date Received: 4/8/99

% Moisture: 10.76 decanted: (Y/N) N Date Extracted: 4/13/99

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 4/23/99

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 25 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000092-52-4	Biphenyl	14.55	150000	JND
2. 000581-42-0	Naphthalene, 2,6-dimethyl-	14.90	140000	JND
3. 000581-40-8	Naphthalene, 2,3-dimethyl-	15.10	160000	JND
4.	unknown	16.30	110000	JD
5. 002320-32-3	Benzene, [1-(2,4-cyclopentadien-	17.34	150000	JND
6.	unknown	17.42	420000	JD
7. 002489-86-3	Naphthalene, 1-(2-propenyl)-	17.49	260000	JND
8.	unknown	17.61	250000	JD
9.	unknown	22.42	120000	JD
10.	unknown	22.93	700000	JD
11. 000243-42-5	Benzo[b]naphtho[2,3-d]furan	23.10	120000	JND
12. 055028-73-4	1,4-Methanonaphthalene, 1,4-dih	23.23	140000	JND
13. 000206-49-5	Acenaphtho(1,2-B)pyridine	23.30	160000	JND
14. 000238-84-6	11H-Benzo[a]fluorene	23.78	570000	JND
15. 000243-17-4	11H-Benzo[b]fluorene	23.94	530000	JND
16. 002381-21-7	Pyrene, 1-methyl-	24.26	100000	JND
17. 000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	25.19	140000	JND
18.	unknown	25.28	170000	JD
19. 000217-59-4	Triphenylene	25.76	220000	JND
20. 025732-74-5	3,4-Dihydrocyclopenta(cd)pyrene	26.12	310000	JND
21.	unknown	26.32	190000	JD
22. 034777-33-8	Benzo(c)carbazole	26.42	120000	JND
23.	unknown	26.98	100000	JD
24. 000198-55-0	Perylene	28.42	260000	JND
25. 000192-97-2	Benzo[e]pyrene	29.03	220000	JND

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-144

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.44(1:1000)

Sample wt/vol: 10.18 (g/ml) G Lab File ID: BNA02516.D

Level: (low/med) LOW Date Received: 4/8/99

% Moisture: 10.76 decanted:(Y/N) N Date Extracted: 4/13/99

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 4/26/99

Injection Volume: 1.0 (uL) Dilution Factor: 1000.0

GPC Cleanup: (Y/N) N pH: 7

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	5500000	U
62-75-9	N-nitroso-dimethylamine	5500000	U
62-53-3	Aniline	5500000	U
108-95-2	Phenol	5500000	U
111-44-4	bis(2-Chloroethyl)ether	5500000	U
95-57-8	2-Chlorophenol	5500000	U
541-73-1	1,3-Dichlorobenzene	5500000	U
106-46-7	1,4-Dichlorobenzene	5500000	U
100-51-6	Benzyl alcohol	5500000	U
95-50-1	1,2-Dichlorobenzene	5500000	U
	2-Methylphenol	5500000	U
108-60-1	bis(2-chloroisopropyl)ether	5500000	U
	4-Methylphenol	5500000	U
621-64-7	n-Nitroso-di-n-propylamine	5500000	U
67-72-1	Hexachloroethane	5500000	U
98-95-3	Nitrobenzene	5500000	U
78-59-1	Isophorone	5500000	U
88-75-5	2-Nitrophenol	5500000	U
105-67-9	2,4-Dimethylphenol	5500000	U
111-91-1	bis(2-Chloroethoxy)methane	5500000	U
120-83-2	2,4-Dichlorophenol	5500000	U
65-85-0	Benzoic Acid	5500000	U
120-82-1	1,2,4-Trichlorobenzene	5500000	U
91-20-3	Naphthalene	1000000	JD
106-47-8	4-Chloroaniline	5500000	U
87-68-3	Hexachlorobutadiene	5500000	U
59-50-7	4-Chloro-3-methylphenol	5500000	U
91-57-6	2-Methylnaphthalene	5500000	U
77-47-4	Hexachlorocyclopentadiene	5500000	U
88-06-2	2,4,6-Trichlorophenol	5500000	U
	2,4,5-Trichlorophenol	5500000	U
91-58-7	2-Chloronaphthalene	5500000	U
88-74-4	2-Nitroaniline	5500000	U
131-11-3	Dimethylphthalate	5500000	U
208-96-8	Acenaphthylene	5500000	U
606-20-2	2,6-Dinitrotoluene	5500000	U
99-09-2	3-Nitroaniline	5500000	U

1C

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-144

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.44(1:1000)

Sample wt/vol: 10.18 (g/ml) G Lab File ID: BNA02516.D

Level: (low/med) LOW Date Received: 4/8/99

% Moisture: 10.76 decanted:(Y/N) N Date Extracted: 4/13/99

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 4/26/99

Injection Volume: 1.0 (uL) Dilution Factor: 1000.0

GPC Cleanup: (Y/N) N pH: 7

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1600000	JD
51-28-5	2,4-Dinitrophenol	5500000	U
132-64-9	Dibenzofuran	710000	JD
100-02-7	4-Nitrophenol	5500000	U
121-14-2	2,4-Dinitrotoluene	5500000	U
84-66-2	Diethylphthalate	5500000	U
86-73-7	Fluorene	1200000	JD
7005-72-3	4-Chlorophenyl-phenylether	5500000	U
100-01-6	4-Nitroaniline	5500000	U
534-52-1	4,6-Dinitro-2-methylphenol	5500000	U
86-30-6	n-Nitrosodiphenylamine	5500000	U
103-33-3	Azobenzene	5500000	U
101-55-3	4-Bromophenyl-phenylether	5500000	U
118-74-1	Hexachlorobenzene	5500000	U
87-86-5	Pentachlorophenol	5500000	U
85-01-8	Phenanthrene	8000000	D
120-12-7	Anthracene	2000000	JD
84-74-2	Di-n-butylphthalate	5500000	U
206-44-0	Fluoranthene	7200000	D
92-87-5	Benzidine	5500000	U
129-00-0	Pyrene	7400000	D
85-68-7	Butylbenzylphthalate	5500000	U
56-55-3	Benzo[a]anthracene	2500000	JD
91-94-1	3,3'-Dichlorobenzidine	5500000	U
218-01-9	Chrysene	3800000	JD
117-81-7	bis(2-Ethylhexyl)phthalate	5500000	U
117-84-0	Di-n-octylphthalate	5500000	U
205-99-2	Benzo[b]fluoranthene	1600000	JD
207-08-9	Benzo[k]fluoranthene	1700000	JD
50-32-8	Benzo[a]pyrene	1900000	JD
193-39-5	Indeno[1,2,3-cd]pyrene	1300000	JD
53-70-3	Dibenz[a,h]anthracene	5500000	U
191-24-2	Benzo[g,h,i]perylene	1500000	JD

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-145

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.46(1:10)

Sample wt/vol: 10.1 (g/ml) G Lab File ID: BNA02522.D

Level: (low/med) LOW Date Received: 4/8/99

% Moisture: 8.65 decanted:(Y/N) N Date Extracted: 4/13/99

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 4/26/99

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: 7

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	54000	U
62-75-9	N-nitroso-dimethylamine	54000	U
62-53-3	Aniline	54000	U
108-95-2	Phenol	54000	U
111-44-4	bis(2-Chloroethyl)ether	54000	U
95-57-8	2-Chlorophenol	54000	U
541-73-1	1,3-Dichlorobenzene	54000	U
106-46-7	1,4-Dichlorobenzene	54000	U
100-51-6	Benzyl alcohol	54000	U
95-50-1	1,2-Dichlorobenzene	54000	U
	2-Methylphenol	54000	U
108-60-1	bis(2-chloroisopropyl)ether	54000	U
	4-Methylphenol	54000	U
621-64-7	n-Nitroso-di-n-propylamine	54000	U
67-72-1	Hexachloroethane	54000	U
98-95-3	Nitrobenzene	54000	U
78-59-1	Isophorone	54000	U
88-75-5	2-Nitrophenol	54000	U
105-67-9	2,4-Dimethylphenol	54000	U
111-91-1	bis(2-Chloroethoxy)methane	54000	U
120-83-2	2,4-Dichlorophenol	54000	U
65-85-0	Benzoic Acid	54000	U
120-82-1	1,2,4-Trichlorobenzene	54000	U
91-20-3	Naphthalene	54000	U
106-47-8	4-Chloroaniline	54000	U
87-68-3	Hexachlorobutadiene	54000	U
59-50-7	4-Chloro-3-methylphenol	54000	U
91-57-6	2-Methylnaphthalene	54000	U
77-47-4	Hexachlorocyclopentadiene	54000	U
88-06-2	2,4,6-Trichlorophenol	54000	U
	2,4,5-Trichlorophenol	54000	U
91-58-7	2-Chloronaphthalene	54000	U
88-74-4	2-Nitroaniline	54000	U
131-11-3	Dimethylphthalate	54000	U
208-96-8	Acenaphthylene	54000	U
606-20-2	2,6-Dinitrotoluene	54000	U
99-09-2	3-Nitroaniline	54000	U

1C

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-145

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.46(1:10)

Sample wt/vol: 10.1 (g/ml) G Lab File ID: BNA02522.D

Level: (low/med) LOW Date Received: 4/8/99

% Moisture: 8.65 decanted:(Y/N) N Date Extracted: 4/13/99

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 4/26/99

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: 7

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	5800	JD
51-28-5	2,4-Dinitrophenol	54000	U
132-64-9	Dibenzofuran	54000	U
100-02-7	4-Nitrophenol	54000	U
121-14-2	2,4-Dinitrotoluene	54000	U
84-66-2	Diethylphthalate	54000	U
86-73-7	Fluorene	54000	U
7005-72-3	4-Chlorophenyl-phenylether	54000	U
100-01-6	4-Nitroaniline	54000	U
534-52-1	4,6-Dinitro-2-methylphenol	54000	U
86-30-6	n-Nitrosodiphenylamine	54000	U
103-33-3	Azobenzene	54000	U
101-55-3	4-Bromophenyl-phenylether	54000	U
118-74-1	Hexachlorobenzene	54000	U
87-86-5	Pentachlorophenol	54000	U
85-01-8	Phenanthrene	37000	JD
120-12-7	Anthracene	9800	JD
84-74-2	Di-n-butylphthalate	54000	U
206-44-0	Fluoranthene	39000	JD
92-87-5	Benzidine	54000	U
129-00-0	Pyrene	47000	JD
85-68-7	Butylbenzylphthalate	54000	U
56-55-3	Benzo[a]anthracene	22000	JD
91-94-1	3,3'-Dichlorobenzidine	54000	U
218-01-9	Chrysene	31000	JD
117-81-7	bis(2-Ethylhexyl)phthalate	54000	U
117-84-0	Di-n-octylphthalate	54000	U
205-99-2	Benzo[b]fluoranthene	15000	JD
207-08-9	Benzo[k]fluoranthene	18000	JD
50-32-8	Benzo[a]pyrene	18000	JD
193-39-5	Indeno[1,2,3-cd]pyrene	8200	JD
53-70-3	Dibenz[a,h]anthracene	54000	U
191-24-2	Benzo[g,h,i]perylene	54000	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-145

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4401.46(1:10)

Sample wt/vol: 10.1 (g/ml) G Lab File ID: BNA02522.D

Level: (low/med) LOW Date Received: 4/8/99

% Moisture: 8.65 decanted: (Y/N) N Date Extracted: 4/13/99

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 4/26/99

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-146

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4405 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4405.02

Sample wt/vol: 10.08 (g/ml) G Lab File ID: BNA02468.D

Level: (low/med) LOW Date Received: 4/9/99

% Moisture: 10.94 decanted:(Y/N) N Date Extracted: 4/13/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/15/99

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	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

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-146

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4405 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4405.02

Sample wt/vol: 10.08 (g/ml) G Lab File ID: BNA02468.D

Level: (low/med) LOW Date Received: 4/9/99

% Moisture: 10.94 decanted:(Y/N) N Date Extracted: 4/13/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/15/99

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	630	JB
206-44-0	Fluoranthene	140	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	210	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	190	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	160	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-146

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4405 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4405.02

Sample wt/vol: 10.08 (g/ml) G Lab File ID: BNA02468.D

Level: (low/med) LOW Date Received: 4/9/99

% Moisture: 10.94 decanted: (Y/N) N Date Extracted: 4/13/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/15/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 6 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	20.21	1600	JN
2. 001599-67-3	1-Docosene	27.19	580	JN
3. 000000-00-0	1-Hexacosanal	28.20	1000	JN
4. 000629-92-5	Nonadecane	28.59	660	JN
5. 000295-48-7	Cyclopentadecane	28.63	650	JN
6. 000000-00-0	1-Hexacosanal	29.60	2600	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-147

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4405.04

Sample wt/vol: 10.17 (g/ml) G Lab File ID: BNA02524.D

Level: (low/med) LOW Date Received: 4/8/99

% Moisture: 27.73 decanted:(Y/N) N Date Extracted: 4/13/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/26/99

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	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-147

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4405.04

Sample wt/vol: 10.17 (g/ml) G Lab File ID: BNA02524.D

Level: (low/med) LOW Date Received: 4/8/99

% Moisture: 27.73 decanted:(Y/N) N Date Extracted: 4/13/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/26/99

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	1400	U
51-28-5	2,4-Dinitrophenol	1400	U
132-64-9	Dibenzofuran	1400	U
100-02-7	4-Nitrophenol	1400	U
121-14-2	2,4-Dinitrotoluene	1400	U
84-66-2	Diethylphthalate	1400	U
86-73-7	Fluorene	1400	U
7005-72-3	4-Chlorophenyl-phenylether	1400	U
100-01-6	4-Nitroaniline	1400	U
534-52-1	4,6-Dinitro-2-methylphenol	1400	U
86-30-6	n-Nitrosodiphenylamine	1400	U
103-33-3	Azobenzene	1400	U
101-55-3	4-Bromophenyl-phenylether	1400	U
118-74-1	Hexachlorobenzene	1400	U
87-86-5	Pentachlorophenol	1400	U
85-01-8	Phenanthrene	750	J
120-12-7	Anthracene	180	J
84-74-2	Di-n-butylphthalate	590	JB
206-44-0	Fluoranthene	1200	J
92-87-5	Benzidine	1400	U
129-00-0	Pyrene	1600	
85-68-7	Butylbenzylphthalate	1400	U
56-55-3	Benzo[a]anthracene	700	J
91-94-1	3,3'-Dichlorobenzidine	1400	U
218-01-9	Chrysene	1100	J
117-81-7	bis(2-Ethylhexyl)phthalate	360	J
117-84-0	Di-n-octylphthalate	1400	U
205-99-2	Benzo[b]fluoranthene	790	J
207-08-9	Benzo[k]fluoranthene	790	J
50-32-8	Benzo[a]pyrene	750	J
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-147

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4405.04

Sample wt/vol: 10.17 (g/ml) G Lab File ID: BNA02524.D

Level: (low/med) LOW Date Received: 4/8/99

% Moisture: 27.73 decanted: (Y/N) N Date Extracted: 4/13/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/26/99

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	20.15	1300	J
2. 000072-54-8	1,1-Dichloro-2,2-bis(p-chlorophen	24.06	740	JN
3.	unknown	24.29	730	J
4. 000638-66-4	Octadecanal	25.12	890	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-148

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4405 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4405.06

Sample wt/vol: 10.1 (g/ml) G Lab File ID: BNA02470.D

Level: (low/med) LOW Date Received: 4/9/99

% Moisture: 14 decanted:(Y/N) N Date Extracted: 4/13/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/15/99

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	130	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	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

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-148

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4405 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4405.06

Sample wt/vol: 10.1 (g/ml) G Lab File ID: BNA02470.D

Level: (low/med) LOW Date Received: 4/9/99

% Moisture: 14 decanted:(Y/N) N Date Extracted: 4/13/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/15/99

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	350	J
51-28-5	2,4-Dinitrophenol	1200	U
132-64-9	Dibenzofuran	120	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	240	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	2600	
120-12-7	Anthracene	600	J
84-74-2	Di-n-butylphthalate	470	JB
206-44-0	Fluoranthene	4000	
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	3900	
85-68-7	Butylbenzylphthalate	1200	U
56-55-3	Benzo[a]anthracene	1700	
91-94-1	3,3'-Dichlorobenzidine	1200	U
218-01-9	Chrysene	2800	
117-81-7	bis(2-Ethylhexyl)phthalate	1200	U
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo[b]fluoranthene	1400	
207-08-9	Benzo[k]fluoranthene	1300	
50-32-8	Benzo[a]pyrene	1600	
193-39-5	Indeno[1,2,3-cd]pyrene	570	J
53-70-3	Dibenz[a,h]anthracene	1200	U
191-24-2	Benzo[g,h,i]perylene	530	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-148

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4405 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4405.06

Sample wt/vol: 10.1 (g/ml) G Lab File ID: BNA02470.D

Level: (low/med) LOW Date Received: 4/9/99

% Moisture: 14 decanted: (Y/N) N Date Extracted: 4/13/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/15/99

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. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	20.21	1100	JN
2. 000203-64-5	4H-Cyclopenta[def]phenanthrene	20.92	490	JN
3. 001599-67-3	1-Docosene	25.68	3100	JN
4. 000192-97-2	Benzo[e]pyrene	28.73	1100	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-149

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4405 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4405.08

Sample wt/vol: 10.37 (g/ml) G Lab File ID: BNA02474.D

Level: (low/med) LOW Date Received: 4/9/99

% Moisture: 15.62 decanted:(Y/N) N Date Extracted: 4/13/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/16/99

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	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

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-149

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4405 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4405.08

Sample wt/vol: 10.37 (g/ml) G Lab File ID: BNA02474.D

Level: (low/med) LOW Date Received: 4/9/99

% Moisture: 15.62 decanted:(Y/N) N Date Extracted: 4/13/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/16/99

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	1200	
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	800	JB
206-44-0	Fluoranthene	2100	
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	2000	
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	1400	
117-81-7	bis(2-Ethylhexyl)phthalate	140	J
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	520	J
207-08-9	Benzo[k]fluoranthene	650	J
50-32-8	Benzo[a]pyrene	490	J
193-39-5	Indeno[1,2,3-cd]pyrene	300	J
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	330	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-149

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4405 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4405.08

Sample wt/vol: 10.37 (g/ml) G Lab File ID: BNA02474.D

Level: (low/med) LOW Date Received: 4/9/99

% Moisture: 15.62 decanted: (Y/N) N Date Extracted: 4/13/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/16/99

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.	unknown	18.72	810	J
2. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	20.21	1800	JN
3. 001599-67-3	1-Docosene	25.67	3600	JN
4. 000295-65-8	Cyclohexadecane	27.19	1200	JN
5. 000593-45-3	Octadecane	28.59	610	JN
6. 000297-03-0	Cyclotetracosane	28.63	870	JN
7. 000638-66-4	Octadecanal	29.59	910	JN
8. 000112-95-8	Eicosane	29.97	980	JN
9. 007390-81-0	Oxirane, hexadecyl-	31.25	810	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-150

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4405 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4405.10

Sample wt/vol: 10.16 (g/ml) G Lab File ID: BNA02481.D

Level: (low/med) LOW Date Received: 4/9/99

% Moisture: 12.69 decanted:(Y/N) N Date Extracted: 4/13/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/16/99

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	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-150

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4405 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4405.10

Sample wt/vol: 10.16 (g/ml) G Lab File ID: BNA02481.D

Level: (low/med) LOW Date Received: 4/9/99

% Moisture: 12.69 decanted:(Y/N) N Date Extracted: 4/13/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/16/99

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	340	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	220	JB
206-44-0	Fluoranthene	480	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	450	J
117-81-7	bis(2-Ethylhexyl)phthalate	260	J
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	180	J
207-08-9	Benzo[k]fluoranthene	250	J
50-32-8	Benzo[a]pyrene	230	J
193-39-5	Indeno[1,2,3-cd]pyrene	130	J
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	150	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-150

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4405 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4405.10

Sample wt/vol: 10.16 (g/ml) G Lab File ID: BNA02481.D

Level: (low/med) LOW Date Received: 4/9/99

% Moisture: 12.69 decanted: (Y/N) N Date Extracted: 4/13/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/16/99

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. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	20.20	460	JN
2. 000112-88-9	1-Octadecene	27.19	950	JN
3. 000593-45-3	Octadecane	28.59	630	JN
4.	unknown	29.58	1200	J
5. 000629-78-7	Heptadecane	29.97	1200	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-151

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4405 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4405.12

Sample wt/vol: 10.2 (g/ml) G Lab File ID: BNA02487.D

Level: (low/med) LOW Date Received: 4/9/99

% Moisture: 13.33 decanted:(Y/N) N Date Extracted: 4/13/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/16/99

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	330	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	130	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

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-151

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4405 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4405.12

Sample wt/vol: 10.2 (g/ml) G Lab File ID: BNA02487.D

Level: (low/med) LOW Date Received: 4/9/99

% Moisture: 13.33 decanted:(Y/N) N Date Extracted: 4/13/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/16/99

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	790	J
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	380	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	670	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	7400	
120-12-7	Anthracene	1400	
84-74-2	Di-n-butylphthalate	900	JB
206-44-0	Fluoranthene	7900	
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	8600	
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	2900	
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	4800	
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	2600	
207-08-9	Benzo[k]fluoranthene	2700	
50-32-8	Benzo[a]pyrene	2700	
193-39-5	Indeno[1,2,3-cd]pyrene	800	J
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	770	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-151

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4405 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4405.12

Sample wt/vol: 10.2 (g/ml) G Lab File ID: BNA02487.D

Level: (low/med) LOW Date Received: 4/9/99

% Moisture: 13.33 decanted: (Y/N) N Date Extracted: 4/13/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/16/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 10 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	5.78	3900	J
2. 002788-23-0	9H-Carbazole, 9-nitroso-	20.07	590	JN
3. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	20.21	2000	JN
4. 000613-12-7	Anthracene, 2-methyl-	20.72	460	JN
5.	unknown	20.92	970	J
6. 000243-17-4	11H-Benzo[b]fluorene	23.70	950	JN
7. 000238-84-6	11H-Benzo[a]fluorene	23.85	520	JN
8.	unknown	25.26	610	J
9. 074685-33-9	3-Eicosene, (E)-	25.67	2700	JN
10.	unknown	26.01	470	J

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-152

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4405.14

Sample wt/vol: 10.27 (g/ml) G Lab File ID: BNA02525.D

Level: (low/med) LOW Date Received: 4/8/99

% Moisture: 11.37 decanted:(Y/N) N Date Extracted: 4/13/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/26/99

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	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

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-152

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4405.14

Sample wt/vol: 10.27 (g/ml) G Lab File ID: BNA02525.D

Level: (low/med) LOW Date Received: 4/8/99

% Moisture: 11.37 decanted:(Y/N) N Date Extracted: 4/13/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/26/99

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	590	J
120-12-7	Anthracene	150	J
84-74-2	Di-n-butylphthalate	690	JB
206-44-0	Fluoranthene	820	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1200	
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	450	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	700	J
117-81-7	bis(2-Ethylhexyl)phthalate	310	J
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	500	J
207-08-9	Benzo[k]fluoranthene	520	J
50-32-8	Benzo[a]pyrene	500	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-152

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4401 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4405.14

Sample wt/vol: 10.27 (g/ml) G Lab File ID: BNA02525.D

Level: (low/med) LOW Date Received: 4/8/99

% Moisture: 11.37 decanted: (Y/N) N Date Extracted: 4/13/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/26/99

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. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	20.15	1400	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-153

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4405 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4405.16

Sample wt/vol: 10.19 (g/ml) G Lab File ID: BNA02467.D

Level: (low/med) LOW Date Received: 4/9/99

% Moisture: 14.02 decanted:(Y/N) N Date Extracted: 4/13/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/15/99

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	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

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-153

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4405 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4405.16

Sample wt/vol: 10.19 (g/ml) G Lab File ID: BNA02467.D

Level: (low/med) LOW Date Received: 4/9/99

% Moisture: 14.02 decanted:(Y/N) N Date Extracted: 4/13/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/15/99

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	170	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	460	JB
206-44-0	Fluoranthene	300	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	190	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	310	J
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	140	J
207-08-9	Benzo[k]fluoranthene	160	J
50-32-8	Benzo[a]pyrene	160	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	120	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-153

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4405 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4405.16

Sample wt/vol: 10.19 (g/ml) G Lab File ID: BNA02467.D

Level: (low/med) LOW Date Received: 4/9/99

% Moisture: 14.02 decanted: (Y/N) N Date Extracted: 4/13/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/15/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 14 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		unknown	8.54	860	J
2.	000084-69-5	1,2-Benzenedicarboxylic acid, bis	20.21	1000	JN
3.	026601-64-9	1,1'-Biphenyl, hexachloro-	23.70	460	JN
4.	035065-27-1	1,1'-Biphenyl, 2,2',4,4',5,5'-hexac	23.93	1400	JN
5.	032774-16-6	1,1'-Biphenyl, 3,3',4,4',5,5'-hexac	24.38	1700	JN
6.	052663-72-6	1,1'-Biphenyl, 2,3',4,4',5,5'-hexac	24.89	1500	JN
7.	035065-29-3	1,1'-Biphenyl, 2,2',3,4,4',5,5'-hep	25.18	810	JN
8.	052663-71-5	1,1'-Biphenyl, 2,2',3,3',4,4',6-hep	25.61	570	JN
9.	039635-31-9	1,1'-Biphenyl, 2,3,3',4,4',5,5'-hep	26.10	1400	JN
10.	060145-23-5	1,1'-Biphenyl, 2,2',3,4,4',5,6'-Hep	26.63	580	JN
11.	000630-06-8	Hexatriacontane	27.19	620	JN
12.	000629-78-7	Heptadecane	28.59	570	JN
13.	000000-00-0	1-Hexacosanal	29.59	830	JN
14.	007390-81-0	Oxirane, hexadecyl-	31.25	720	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-154

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4405 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4405.18

Sample wt/vol: 10.07 (g/ml) G Lab File ID: BNA02488.D

Level: (low/med) LOW Date Received: 4/9/99

% Moisture: 12.01 decanted:(Y/N) N Date Extracted: 4/13/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/16/99

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	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

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-154

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4405 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4405.18

Sample wt/vol: 10.07 (g/ml) G Lab File ID: BNA02488.D

Level: (low/med) LOW Date Received: 4/9/99

% Moisture: 12.01 decanted:(Y/N) N Date Extracted: 4/13/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/16/99

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	210	J
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	130	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	300	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	1400	
120-12-7	Anthracene	380	J
84-74-2	Di-n-butylphthalate	600	JB
206-44-0	Fluoranthene	2100	
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	2700	
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	480	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	800	J
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	370	J
207-08-9	Benzo[k]fluoranthene	410	J
50-32-8	Benzo[a]pyrene	390	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-154

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4405 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4405.18

Sample wt/vol: 10.07 (g/ml) G Lab File ID: BNA02488.D

Level: (low/med) LOW Date Received: 4/9/99

% Moisture: 12.01 decanted: (Y/N) N Date Extracted: 4/13/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/16/99

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. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	20.21	1300	JN
2. 018435-45-5	1-Nonadecene	25.67	3300	JN
3. 000295-65-8	Cyclohexadecane	27.19	510	JN
4.	unknown	27.84	540	J

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-155

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4405 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4405.20

Sample wt/vol: 10.04 (g/ml) G Lab File ID: BNA02489.D

Level: (low/med) LOW Date Received: 4/9/99

% Moisture: 12.32 decanted:(Y/N) N Date Extracted: 4/13/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/17/99

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	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

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-155

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4405 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4405.20

Sample wt/vol: 10.04 (g/ml) G Lab File ID: BNA02489.D

Level: (low/med) LOW Date Received: 4/9/99

% Moisture: 12.32 decanted:(Y/N) N Date Extracted: 4/13/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/17/99

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	680	J
120-12-7	Anthracene	160	J
84-74-2	Di-n-butylphthalate	390	JB
206-44-0	Fluoranthene	1100	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1200	
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	530	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	780	J
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	450	J
207-08-9	Benzo[k]fluoranthene	500	J
50-32-8	Benzo[a]pyrene	470	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-155

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4405 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4405.20

Sample wt/vol: 10.04 (g/ml) G Lab File ID: BNA02489.D

Level: (low/med) LOW Date Received: 4/9/99

% Moisture: 12.32 decanted: (Y/N) N Date Extracted: 4/13/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/17/99

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	20.20	980	JN
2. 001599-67-3	1-Docosene	25.67	2700	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-156

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4405 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4405.22

Sample wt/vol: 10.19 (g/ml) G Lab File ID: BNA02486.D

Level: (low/med) LOW Date Received: 4/9/99

% Moisture: 13.84 decanted:(Y/N) N Date Extracted: 4/13/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/16/99

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	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

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-156

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4405 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4405.22

Sample wt/vol: 10.19 (g/ml) G Lab File ID: BNA02486.D

Level: (low/med) LOW Date Received: 4/9/99

% Moisture: 13.84 decanted:(Y/N) N Date Extracted: 4/13/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/16/99

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	390	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	440	JB
206-44-0	Fluoranthene	750	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	410	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	650	J
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	450	J
207-08-9	Benzo[k]fluoranthene	420	J
50-32-8	Benzo[a]pyrene	450	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-156

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4405 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4405.22

Sample wt/vol: 10.19 (g/ml) G Lab File ID: BNA02486.D

Level: (low/med) LOW Date Received: 4/9/99

% Moisture: 13.84 decanted: (Y/N) N Date Extracted: 4/13/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/16/99

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.	unknown	20.20	1000	J
2. 001599-67-3	1-Docosene	25.68	3000	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-157

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4405 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4405.24

Sample wt/vol: 9.97 (g/ml) G Lab File ID: BN03103.D

Level: (low/med) LOW Date Received: 4/9/99

% Moisture: 15.61 decanted:(Y/N) N Date Extracted: 4/14/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/15/99

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	730	J
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

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-157

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4405 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4405.24

Sample wt/vol: 9.97 (g/ml) G Lab File ID: BN03103.D

Level: (low/med) LOW Date Received: 4/9/99

% Moisture: 15.61 decanted:(Y/N) N Date Extracted: 4/14/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/15/99

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	250	J
120-12-7	Anthracene	1200	U
84-74-2	Di-n-butylphthalate	1300	B
206-44-0	Fluoranthene	600	J
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	540	J
85-68-7	Butylbenzylphthalate	1200	U
56-55-3	Benzo[a]anthracene	330	J
91-94-1	3,3'-Dichlorobenzidine	1200	U
218-01-9	Chrysene	590	J
117-81-7	bis(2-Ethylhexyl)phthalate	190	J
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo[b]fluoranthene	330	J
207-08-9	Benzo[k]fluoranthene	370	J
50-32-8	Benzo[a]pyrene	380	J
193-39-5	Indeno[1,2,3-cd]pyrene	260	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-157

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4405 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4405.24

Sample wt/vol: 9.97 (g/ml) G Lab File ID: BN03103.D

Level: (low/med) LOW Date Received: 4/9/99

% Moisture: 15.61 decanted: (Y/N) N Date Extracted: 4/14/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/15/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 22 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 002909-38-8	Benzene, 1-chloro-3-isocyanato-	9.38	580	JN
2. 000102-36-3	Benzene, 1,2-dichloro-4-isocyana	11.87	600	JN
3.	unknown	12.46	620	J
4. 000109-21-7	Butanoic acid, butyl ester	12.75	970	JN
5. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.40	2700	JN
6. 013360-61-7	1-Pentadecene	18.47	560	JN
7. 056554-86-0	17-Octadecenal	19.83	2300	JN
8. 000000-00-0	10-Heneicosene (c,t)	20.41	830	JN
9. 000506-12-7	Heptadecanoic acid	21.14	1100	JN
10. 001454-84-8	1-Nonadecanol	23.83	7100	JN
11. 000112-85-6	Docosanoic acid	24.41	1000	JN
12.	unknown	25.34	2700	J
13.	unknown	25.83	3200	J
14.	unknown	26.73	2200	J
15.	unknown	28.05	13000	J
16.	unknown	28.33	8800	J
17. 000000-00-0	Coprostan-3-one	28.62	2800	JN
18.	unknown	28.94	880	J
19.	unknown	29.30	3400	J
20.	unknown	29.59	3900	J
21.	unknown	30.58	870	J
22. 000646-31-1	Tetracosane	30.67	1500	JN

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-158

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4413 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4413.02

Sample wt/vol: 10.41 (g/ml) G Lab File ID: BNA02482.D

Level: (low/med) LOW Date Received: 4/13/99

% Moisture: 22.24 decanted:(Y/N) N Date Extracted: 4/14/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/16/99

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-158**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4413 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4413.02

Sample wt/vol: 10.41 (g/ml) G Lab File ID: BNA02482.D

Level: (low/med) LOW Date Received: 4/13/99

% Moisture: 22.24 decanted:(Y/N) N Date Extracted: 4/14/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/16/99

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	240	JB
206-44-0	Fluoranthene	1200	U
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	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-158**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4413 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4413.02

Sample wt/vol: 10.41 (g/ml) G Lab File ID: BNA02482.D

Level: (low/med) LOW Date Received: 4/13/99

% Moisture: 22.24 decanted: (Y/N) N Date Extracted: 4/14/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/16/99

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. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	20.21	3700	JN
2. 001599-67-3	1-Docosene	25.67	3300	JN
3. 056554-87-1	16-Octadecenal	28.19	640	JN
4. 000629-92-5	Nonadecane	28.58	710	JN
5. 000000-00-0	1-Hexacosanal	29.58	1500	JN
6. 000112-95-8	Eicosane	29.96	780	JN
7.	unknown	30.89	890	J

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-159

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4413 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4413.04

Sample wt/vol: 10.22 (g/ml) G Lab File ID: BNA02478.D

Level: (low/med) LOW Date Received: 4/13/99

% Moisture: 17.36 decanted:(Y/N) N Date Extracted: 4/14/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/16/99

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

002233

1C

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-159

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4413 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4413.04

Sample wt/vol: 10.22 (g/ml) G Lab File ID: BNA02478.D

Level: (low/med) LOW Date Received: 4/13/99

% Moisture: 17.36 decanted:(Y/N) N Date Extracted: 4/14/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/16/99

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	350	J
120-12-7	Anthracene	1200	U
84-74-2	Di-n-butylphthalate	950	JB
206-44-0	Fluoranthene	630	J
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	770	J
85-68-7	Butylbenzylphthalate	1200	U
56-55-3	Benzo[a]anthracene	400	J
91-94-1	3,3'-Dichlorobenzidine	1200	U
218-01-9	Chrysene	740	J
117-81-7	bis(2-Ethylhexyl)phthalate	130	J
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo[b]fluoranthene	350	J
207-08-9	Benzo[k]fluoranthene	360	J
50-32-8	Benzo[a]pyrene	390	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	330	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **B-159**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4413 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4413.04

Sample wt/vol: 10.22 (g/ml) G Lab File ID: BNA02478.D

Level: (low/med) LOW Date Received: 4/13/99

% Moisture: 17.36 decanted: (Y/N) N Date Extracted: 4/14/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/16/99

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.	unknown	18.72	1100	J
2.	unknown	18.86	540	J
3. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	20.23	10000	JN
4. 001599-67-3	1-Docosene	27.19	670	JN
5. 000629-78-7	Heptadecane	28.59	780	JN
6. 000629-92-5	Nonadecane	29.97	1400	JN

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-160

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4413 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4413.06

Sample wt/vol: 10.91 (g/ml) G Lab File ID: BNA02479.D

Level: (low/med) LOW Date Received: 4/13/99

% Moisture: 27.58 decanted:(Y/N) N Date Extracted: 4/14/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/16/99

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	1300	U
62-75-9	N-nitroso-dimethylamine	1300	U
62-53-3	Aniline	1300	U
108-95-2	Phenol	1300	U
111-44-4	bis(2-Chloroethyl)ether	1300	U
95-57-8	2-Chlorophenol	1300	U
541-73-1	1,3-Dichlorobenzene	1300	U
106-46-7	1,4-Dichlorobenzene	1300	U
100-51-6	Benzyl alcohol	1300	U
95-50-1	1,2-Dichlorobenzene	1300	U
	2-Methylphenol	1300	U
108-60-1	bis(2-chloroisopropyl)ether	1300	U
	4-Methylphenol	1300	U
621-64-7	n-Nitroso-di-n-propylamine	1300	U
67-72-1	Hexachloroethane	1300	U
98-95-3	Nitrobenzene	1300	U
78-59-1	Isophorone	1300	U
88-75-5	2-Nitrophenol	1300	U
105-67-9	2,4-Dimethylphenol	1300	U
111-91-1	bis(2-Chloroethoxy)methane	1300	U
120-83-2	2,4-Dichlorophenol	1300	U
65-85-0	Benzoic Acid	1300	U
120-82-1	1,2,4-Trichlorobenzene	1300	U
91-20-3	Naphthalene	1300	U
106-47-8	4-Chloroaniline	1300	U
87-68-3	Hexachlorobutadiene	1300	U
59-50-7	4-Chloro-3-methylphenol	1300	U
91-57-6	2-Methylnaphthalene	1300	U
77-47-4	Hexachlorocyclopentadiene	1300	U
88-06-2	2,4,6-Trichlorophenol	1300	U
	2,4,5-Trichlorophenol	1300	U
91-58-7	2-Chloronaphthalene	1300	U
88-74-4	2-Nitroaniline	1300	U
131-11-3	Dimethylphthalate	1300	U
208-96-8	Acenaphthylene	1300	U
606-20-2	2,6-Dinitrotoluene	1300	U
99-09-2	3-Nitroaniline	1300	U

1C

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-160

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4413 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4413.06

Sample wt/vol: 10.91 (g/ml) G Lab File ID: BNA02479.D

Level: (low/med) LOW Date Received: 4/13/99

% Moisture: 27.58 decanted:(Y/N) N Date Extracted: 4/14/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/16/99

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	1300	U
51-28-5	2,4-Dinitrophenol	1300	U
132-64-9	Dibenzofuran	1300	U
100-02-7	4-Nitrophenol	1300	U
121-14-2	2,4-Dinitrotoluene	1300	U
84-66-2	Diethylphthalate	1300	U
86-73-7	Fluorene	1300	U
7005-72-3	4-Chlorophenyl-phenylether	1300	U
100-01-6	4-Nitroaniline	1300	U
534-52-1	4,6-Dinitro-2-methylphenol	1300	U
86-30-6	n-Nitrosodiphenylamine	1300	U
103-33-3	Azobenzene	1300	U
101-55-3	4-Bromophenyl-phenylether	1300	U
118-74-1	Hexachlorobenzene	1300	U
87-86-5	Pentachlorophenol	1300	U
85-01-8	Phenanthrene	220	J
120-12-7	Anthracene	1300	U
84-74-2	Di-n-butylphthalate	540	JB
206-44-0	Fluoranthene	410	J
92-87-5	Benzidine	1300	U
129-00-0	Pyrene	450	J
85-68-7	Butylbenzylphthalate	1300	U
56-55-3	Benzo[a]anthracene	210	J
91-94-1	3,3'-Dichlorobenzidine	1300	U
218-01-9	Chrysene	400	J
117-81-7	bis(2-Ethylhexyl)phthalate	170	J
117-84-0	Di-n-octylphthalate	1300	U
205-99-2	Benzo[b]fluoranthene	200	J
207-08-9	Benzo[k]fluoranthene	200	J
50-32-8	Benzo[a]pyrene	200	J
193-39-5	Indeno[1,2,3-cd]pyrene	140	J
53-70-3	Dibenz[a,h]anthracene	1300	U
191-24-2	Benzo[g,h,i]perylene	170	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **B-160**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4413 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4413.06

Sample wt/vol: 10.91 (g/ml) G Lab File ID: BNA02479.D

Level: (low/med) LOW Date Received: 4/13/99

% Moisture: 27.58 decanted: (Y/N) N Date Extracted: 4/14/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/16/99

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. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	20.22	5800	JN
2. 000112-88-9	1-Octadecene	27.19	930	JN
3. 000629-92-5	Nonadecane	28.59	1000	JN

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-161

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4413 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4413.08

Sample wt/vol: 9.96 (g/ml) G Lab File ID: BN03093.D

Level: (low/med) LOW Date Received: 4/13/99

% Moisture: 16.59 decanted:(Y/N) N Date Extracted: 4/14/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/15/99

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

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-161

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4413 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4413.08

Sample wt/vol: 9.96 (g/ml) G Lab File ID: BN03093.D

Level: (low/med) LOW Date Received: 4/13/99

% Moisture: 16.59 decanted:(Y/N) N Date Extracted: 4/14/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/15/99

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	290	JB
206-44-0	Fluoranthene	350	J
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	320	J
85-68-7	Butylbenzylphthalate	1200	U
56-55-3	Benzo[a]anthracene	180	J
91-94-1	3,3'-Dichlorobenzidine	1200	U
218-01-9	Chrysene	340	J
117-81-7	bis(2-Ethylhexyl)phthalate	1200	U
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo[b]fluoranthene	200	J
207-08-9	Benzo[k]fluoranthene	180	J
50-32-8	Benzo[a]pyrene	190	J
193-39-5	Indeno[1,2,3-cd]pyrene	160	J
53-70-3	Dibenz[a,h]anthracene	1200	U
191-24-2	Benzo[g,h,i]perylene	170	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **B-161**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4413 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4413.08

Sample wt/vol: 9.96 (g/ml) G Lab File ID: BN03093.D

Level: (low/med) LOW Date Received: 4/13/99

% Moisture: 16.59 decanted: (Y/N) N Date Extracted: 4/14/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/15/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 13 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	18.40	3600	JN
2. 000057-11-4	Octadecanoic acid	21.12	720	JN
3. 001599-67-3	1-Docosene	23.82	7400	JN
4.	unknown	24.40	510	J
5. 000506-52-5	1-Hexacosanol	25.33	2100	JN
6. 000124-25-4	Tetradecanal	26.32	1000	JN
7. 007098-21-7	Tritetracontane	26.72	1800	JN
8. 002765-11-9	Pentadecanal-	27.67	2000	JN
9. 000630-06-8	Hexatriacontane	28.01	1400	JN
10. 019047-85-9	Phosphonic acid, dioctadecyl este	28.07	2900	JN
11. 000638-66-4	Octadecanal	28.93	1200	JN
12. 006971-40-0	17-Pentatriacontene	29.31	1100	JN
13.	unknown	29.55	810	J

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-162

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4413 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4413.10

Sample wt/vol: 10.09 (g/ml) G Lab File ID: BN03094.D

Level: (low/med) LOW Date Received: 4/13/99

% Moisture: 18.26 decanted:(Y/N) N Date Extracted: 4/14/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/15/99

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

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-162

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4413 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4413.10

Sample wt/vol: 10.09 (g/ml) G Lab File ID: BN03094.D

Level: (low/med) LOW Date Received: 4/13/99

% Moisture: 18.26 decanted:(Y/N) N Date Extracted: 4/14/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/15/99

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	720	JB
206-44-0	Fluoranthene	290	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	160	J
91-94-1	3,3'-Dichlorobenzidine	1200	U
218-01-9	Chrysene	290	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	150	J
50-32-8	Benzo[a]pyrene	170	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-162**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4413 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4413.10

Sample wt/vol: 10.09 (g/ml) G Lab File ID: BN03094.D

Level: (low/med) LOW Date Received: 4/13/99

% Moisture: 18.26 decanted: (Y/N) N Date Extracted: 4/14/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/15/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 17 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000109-21-7	Butanoic acid, butyl ester	12.74	550	JN
2.	unknown	18.41	5500	J
3. 000000-00-0	1,15-Pentadecanediol	19.83	1100	JN
4.	unknown	20.08	780	J
5. 002091-29-4	9-Hexadecenoic acid	20.98	4300	JN
6. 000057-11-4	Octadecanoic acid	21.13	810	JN
7. 001599-67-3	1-Docosene	23.82	7600	JN
8. 003386-33-2	Octadecane, 1-chloro-	25.33	1900	JN
9. 100965-64-8	2,2'-Methylenebis[3,4,6-trichloroa	25.81	1000	JN
10. 000124-25-4	Tetradecanal	26.32	990	JN
11. 036653-82-4	1-Hexadecanol	26.74	2400	JN
12. 002765-11-9	Pentadecanal-	27.67	1600	JN
13.	unknown	28.02	1900	J
14. 006971-40-0	17-Pentatriacontene	28.06	2900	JN
15. 006079-19-2	Cholestane, 4,5-epoxy-, (4.alpha.,	28.29	1400	JN
16.	unknown	28.70	1400	J
17.	unknown	28.93	540	J

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-163

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4413 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4413.12

Sample wt/vol: 10.81 (g/ml) G Lab File ID: BN03097.D

Level: (low/med) LOW Date Received: 4/13/99

% Moisture: 21.17 decanted:(Y/N) N Date Extracted: 4/14/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/15/99

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-163**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4413 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4413.12

Sample wt/vol: 10.81 (g/ml) G Lab File ID: BN03097.D

Level: (low/med) LOW Date Received: 4/13/99

% Moisture: 21.17 decanted:(Y/N) N Date Extracted: 4/14/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/15/99

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	410	JB
206-44-0	Fluoranthene	350	J
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	280	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	340	J
117-81-7	bis(2-Ethylhexyl)phthalate	1200	U
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo[b]fluoranthene	180	J
207-08-9	Benzo[k]fluoranthene	190	J
50-32-8	Benzo[a]pyrene	200	J
193-39-5	Indeno[1,2,3-cd]pyrene	140	J
53-70-3	Dibenz[a,h]anthracene	1200	U
191-24-2	Benzo[g,h,i]perylene	1200	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **B-163**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4413 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4413.12

Sample wt/vol: 10.81 (g/ml) G Lab File ID: BN03097.D

Level: (low/med) LOW Date Received: 4/13/99

% Moisture: 21.17 decanted: (Y/N) N Date Extracted: 4/14/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/15/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 23 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	4.14	540	J
2.	unknown	6.60	710	J
3.	unknown	12.50	6200	J
4.	unknown	17.68	6100	J
5. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.41	3400	JN
6.	unknown	19.54	1500	J
7. 002765-11-9	Pentadecanal-	19.83	640	JN
8. 007704-34-9	Sulfur	20.10	1400	JN
9. 000112-80-1	Oleic Acid	21.04	17000	JN
10. 000544-63-8	Tetradecanoic acid	21.16	1000	JN
11.	unknown	21.64	1200	J
12.	unknown	21.92	1800	J
13. 001599-67-3	1-Docosene	23.83	5400	JN
14. 000112-85-6	Docosanoic acid	24.41	630	JN
15. 002461-18-9	Oxirane, [(dodecyloxy)methyl]-	25.33	1700	JN
16. 000057-11-4	Octadecanoic acid	25.88	620	JN
17. 010486-19-8	Tridecanal	26.33	1000	JN
18. 006971-40-0	17-Pentatriacontene	26.74	2500	JN
19. 000638-66-4	Octadecanal	27.67	1900	JN
20.	unknown	28.02	2600	J
21.	unknown	28.07	2800	J
22.	unknown	28.29	2000	J
23.	unknown	28.94	1900	J

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-164

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4413 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4413.14

Sample wt/vol: 10.85 (g/ml) G Lab File ID: BNA02480.D

Level: (low/med) LOW Date Received: 4/13/99

% Moisture: 22.13 decanted:(Y/N) N Date Extracted: 4/14/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/16/99

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	7500	
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	2600	
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	4300	
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-164**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4413 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4413.14

Sample wt/vol: 10.85 (g/ml) G Lab File ID: BNA02480.D

Level: (low/med) LOW Date Received: 4/13/99

% Moisture: 22.13 decanted:(Y/N) N Date Extracted: 4/14/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/16/99

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	3800	
51-28-5	2,4-Dinitrophenol	1200	U
132-64-9	Dibenzofuran	850	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	1300	
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	1600	
84-74-2	Di-n-butylphthalate	1200	U
206-44-0	Fluoranthene	1200	U
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	4300	
85-68-7	Butylbenzylphthalate	1200	U
56-55-3	Benzo[a]anthracene	1900	
91-94-1	3,3'-Dichlorobenzidine	380	J
218-01-9	Chrysene	2800	
117-81-7	bis(2-Ethylhexyl)phthalate	810	J
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo[b]fluoranthene	1100	J
207-08-9	Benzo[k]fluoranthene	1200	
50-32-8	Benzo[a]pyrene	1400	
193-39-5	Indeno[1,2,3-cd]pyrene	530	J
53-70-3	Dibenz[a,h]anthracene	180	J
191-24-2	Benzo[g,h,i]perylene	510	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **B-164**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4413 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4413.14

Sample wt/vol: 10.85 (g/ml) G Lab File ID: BNA02480.D

Level: (low/med) LOW Date Received: 4/13/99

% Moisture: 22.13 decanted: (Y/N) N Date Extracted: 4/14/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/16/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 25 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000544-76-3	Hexadecane	15.56	7100	JN
2. 013029-08-8	1,1'-Biphenyl, 2,2'-dichloro-	17.75	81000	JN
3. 016605-91-7	1,1'-Biphenyl, 2,3-dichloro-	18.21	4500	JN
4. 002050-68-2	1,1'-Biphenyl, 4,4'-dichloro-	18.46	4100	JN
5. 037680-65-2	1,1'-Biphenyl, 2,2',5-trichloro-	19.12	11000	JN
6. 016606-02-3	1,1'-Biphenyl, 2,4',5-trichloro-	20.10	8500	JN
7. 055702-45-9	1,1'-Biphenyl, 2,3,6-trichloro-	20.41	5100	JN
8. 052663-58-8	1,1'-Biphenyl, 2,3,4',6-tetrachloro-	21.37	5000	JN
9. 035693-99-3	1,1'-Biphenyl, 2,2',5,5'-tetrachloro	21.81	4900	JN
10. 038444-93-8	1,1'-Biphenyl, 2,2',3,3'-tetrachloro	22.29	6000	JN
11. 032598-13-3	1,1'-Biphenyl, 3,3',4,4'-tetrachloro	22.49	4600	JN
12.	unknown	22.89	12000	J
13. 038380-03-9	1,1'-Biphenyl, 2,3,3',4',6-pentachl	23.19	26000	JN
14. 038380-01-7	1,1'-Biphenyl, 2,2',4,4',5-pentachl	23.32	5200	JN
15. 037680-73-2	1,1'-Biphenyl, 2,2',4,5,5'-pentachl	23.42	29000	JN
16. 041464-51-1	1,1'-Biphenyl, 2,2',3',4,5-Pentachl	23.52	40000	JN
17. 032598-14-4	1,1'-Biphenyl, 2,3,3',4,4'-pentachl	23.70	55000	JN
18. 038380-02-8	1,1'-Biphenyl, 2,2',3,4,5'-pentachl	23.89	22000	JN
19. 035065-28-2	1,1'-Biphenyl, 2,2',3,4,4',5'-hexac	24.07	8700	JN
20. 031508-00-6	1,1'-Biphenyl, 2,3',4,4',5-pentachl	24.15	45000	JN
21.	unknown	24.49	19000	J
22. 068194-12-7	1,1'-Biphenyl, 2,3',4,5,5'-pentachl	24.62	32000	JN
23. 041411-62-5	1,1'-Biphenyl, 2,3,3',4,5,6-hexachl	24.99	7700	JN
24. 041411-64-7	1,1'-Biphenyl, 2,3,3',4,4',5,6-Hept	26.17	4700	JN
25.	unknown	30.60	4700	J

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-165

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4413 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4413.16

Sample wt/vol: 10.61 (g/ml) G Lab File ID: BNA02483.D

Level: (low/med) LOW Date Received: 4/13/99

% Moisture: 55.85 decanted:(Y/N) N Date Extracted: 4/14/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/16/99

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	2100	U
62-75-9	N-nitroso-dimethylamine	2100	U
62-53-3	Aniline	2100	U
108-95-2	Phenol	2100	U
111-44-4	bis(2-Chloroethyl)ether	2100	U
95-57-8	2-Chlorophenol	2100	U
541-73-1	1,3-Dichlorobenzene	2100	U
106-46-7	1,4-Dichlorobenzene	2100	U
100-51-6	Benzyl alcohol	2100	U
95-50-1	1,2-Dichlorobenzene	2100	U
	2-Methylphenol	2100	U
108-60-1	bis(2-chloroisopropyl)ether	2100	U
	4-Methylphenol	2100	U
621-64-7	n-Nitroso-di-n-propylamine	2100	U
67-72-1	Hexachloroethane	2100	U
98-95-3	Nitrobenzene	2100	U
78-59-1	Isophorone	2100	U
88-75-5	2-Nitrophenol	2100	U
105-67-9	2,4-Dimethylphenol	2100	U
111-91-1	bis(2-Chloroethoxy)methane	2100	U
120-83-2	2,4-Dichlorophenol	2100	U
65-85-0	Benzoic Acid	650	J
120-82-1	1,2,4-Trichlorobenzene	2100	U
91-20-3	Naphthalene	2100	U
106-47-8	4-Chloroaniline	2100	U
87-68-3	Hexachlorobutadiene	2100	U
59-50-7	4-Chloro-3-methylphenol	2100	U
91-57-6	2-Methylnaphthalene	2100	U
77-47-4	Hexachlorocyclopentadiene	2100	U
88-06-2	2,4,6-Trichlorophenol	2100	U
	2,4,5-Trichlorophenol	2100	U
91-58-7	2-Chloronaphthalene	2100	U
88-74-4	2-Nitroaniline	2100	U
131-11-3	Dimethylphthalate	2100	U
208-96-8	Acenaphthylene	220	J
606-20-2	2,6-Dinitrotoluene	2100	U
99-09-2	3-Nitroaniline	2100	U

1C

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-165

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4413 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4413.16

Sample wt/vol: 10.61 (g/ml) G Lab File ID: BNA02483.D

Level: (low/med) LOW Date Received: 4/13/99

% Moisture: 55.85 decanted:(Y/N) N Date Extracted: 4/14/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/16/99

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	2100	U
51-28-5	2,4-Dinitrophenol	2100	U
132-64-9	Dibenzofuran	2100	U
100-02-7	4-Nitrophenol	2100	U
121-14-2	2,4-Dinitrotoluene	2100	U
84-66-2	Diethylphthalate	2100	U
86-73-7	Fluorene	2100	U
7005-72-3	4-Chlorophenyl-phenylether	2100	U
100-01-6	4-Nitroaniline	2100	U
534-52-1	4,6-Dinitro-2-methylphenol	2100	U
86-30-6	n-Nitrosodiphenylamine	2100	U
103-33-3	Azobenzene	2100	U
101-55-3	4-Bromophenyl-phenylether	2100	U
118-74-1	Hexachlorobenzene	2100	U
87-86-5	Pentachlorophenol	2100	U
85-01-8	Phenanthrene	710	J
120-12-7	Anthracene	2100	U
84-74-2	Di-n-butylphthalate	860	JB
206-44-0	Fluoranthene	1400	J
92-87-5	Benzidine	2100	U
129-00-0	Pyrene	1500	J
85-68-7	Butylbenzylphthalate	2100	U
56-55-3	Benzo[a]anthracene	700	J
91-94-1	3,3'-Dichlorobenzidine	2100	U
218-01-9	Chrysene	1500	J
117-81-7	bis(2-Ethylhexyl)phthalate	270	J
117-84-0	Di-n-octylphthalate	2100	U
205-99-2	Benzo[b]fluoranthene	740	J
207-08-9	Benzo[k]fluoranthene	920	J
50-32-8	Benzo[a]pyrene	740	J
193-39-5	Indeno[1,2,3-cd]pyrene	390	J
53-70-3	Dibenz[a,h]anthracene	2100	U
191-24-2	Benzo[g,h,i]perylene	460	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **B-165**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4413 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4413.16

Sample wt/vol: 10.61 (g/ml) G Lab File ID: BNA02483.D

Level: (low/med) LOW Date Received: 4/13/99

% Moisture: 55.85 decanted: (Y/N) N Date Extracted: 4/14/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/16/99

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. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	20.22	9300	JN
2. 074685-33-9	3-Eicosene, (E)-	27.20	3000	JN
3. 000629-92-5	Nonadecane	28.60	5100	JN
4. 056554-86-0	17-Octadecenal	29.60	7800	JN
5. 000629-97-0	Docosane	29.98	5300	JN

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-166

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4413 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4413.18

Sample wt/vol: 10.05 (g/ml) G Lab File ID: BNA02530.D

Level: (low/med) LOW Date Received: 4/13/99

% Moisture: 18.94 decanted:(Y/N) N Date Extracted: 4/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/27/99

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	19000	E
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	9700	
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	220	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-166**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4413 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4413.18

Sample wt/vol: 10.05 (g/ml) G Lab File ID: BNA02530.D

Level: (low/med) LOW Date Received: 4/13/99

% Moisture: 18.94 decanted:(Y/N) N Date Extracted: 4/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/27/99

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	34000	E
51-28-5	2,4-Dinitrophenol	1200	U
132-64-9	Dibenzofuran	17000	E
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	30000	E
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	330000	E
120-12-7	Anthracene	100000	E
84-74-2	Di-n-butylphthalate	850	JB
206-44-0	Fluoranthene	320000	E
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	530000	E
85-68-7	Butylbenzylphthalate	1200	U
56-55-3	Benzo[a]anthracene	450000	E
91-94-1	3,3'-Dichlorobenzidine	1200	U
218-01-9	Chrysene	350000	E
117-81-7	bis(2-Ethylhexyl)phthalate	2300	
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo[b]fluoranthene	62000	E
207-08-9	Benzo[k]fluoranthene	71000	E
50-32-8	Benzo[a]pyrene	73000	E
193-39-5	Indeno[1,2,3-cd]pyrene	22000	E
53-70-3	Dibenz[a,h]anthracene	14000	
191-24-2	Benzo[g,h,i]perylene	17000	E

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **B-166**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4413 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4413.18

Sample wt/vol: 10.05 (g/ml) G Lab File ID: BNA02530.D

Level: (low/med) LOW Date Received: 4/13/99

% Moisture: 18.94 decanted: (Y/N) N Date Extracted: 4/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/27/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 25 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	002489-86-3	Naphthalene, 1-(2-propenyl)-	17.50	6500	JN
2.	007320-53-8	Dibenzofuran, 4-methyl-	17.61	5800	JN
3.		unknown	19.58	4900	J
4.	000244-99-5	5H-Indeno[1,2-b]pyridine	20.11	1300	JN
5.	000832-69-9	Phenanthrene, 1-methyl-	20.99	1700	JN
6.		unknown	22.44	3700	J
7.		unknown	22.92	1900	J
8.	000238-84-6	11H-Benzo[a]fluorene	23.80	2200	JN
9.	000243-17-4	11H-Benzo[b]fluorene	23.98	1800	JN
10.	000192-97-2	Benzo[e]pyrene	28.48	40000	JN
11.	000629-78-7	Heptadecane	28.56	4900	JN
12.		unknown	29.92	18000	J
13.	000090-12-0	Naphthalene, 1-methyl-	13.66	1800	JN
14.	000092-52-4	Biphenyl	14.55	3400	JN
15.	001127-76-0	Naphthalene, 1-ethyl-	14.75	3500	JN
16.	000575-37-1	Naphthalene, 1,7-dimethyl-	14.90	4700	JN
17.	000575-41-7	Naphthalene, 1,3-dimethyl-	15.11	6000	JN
18.	000581-42-0	Naphthalene, 2,6-dimethyl-	15.15	3100	JN
19.	000581-40-8	Naphthalene, 2,3-dimethyl-	15.36	2200	JN
20.	002131-42-2	Naphthalene, 1,4,6-trimethyl-	16.17	1300	JN
21.	002320-32-3	Benzene, [1-(2,4-cyclopentadien-	16.30	3300	JN
22.	002245-38-7	Naphthalene, 1,6,7-trimethyl-	16.44	1800	JN
23.	002131-42-2	Naphthalene, 1,4,6-trimethyl-	16.50	1700	JN
24.	002320-32-3	Benzene, [1-(2,4-cyclopentadien-	17.34	3900	JN
25.	000643-58-3	1,1'-Biphenyl, 2-methyl-	17.42	11000	JN

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-166

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4413 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4413.18(1:25)

Sample wt/vol: 10.05 (g/ml) G Lab File ID: BNA02544.D

Level: (low/med) LOW Date Received: 4/13/99

% Moisture: 18.94 decanted:(Y/N) N Date Extracted: 4/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/28/99

Injection Volume: 1.0 (uL) Dilution Factor: 25.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	31000	U
62-75-9	N-nitroso-dimethylamine	31000	U
62-53-3	Aniline	31000	U
108-95-2	Phenol	31000	U
111-44-4	bis(2-Chloroethyl)ether	31000	U
95-57-8	2-Chlorophenol	31000	U
541-73-1	1,3-Dichlorobenzene	31000	U
106-46-7	1,4-Dichlorobenzene	31000	U
100-51-6	Benzyl alcohol	31000	U
95-50-1	1,2-Dichlorobenzene	31000	U
	2-Methylphenol	31000	U
108-60-1	bis(2-chloroisopropyl)ether	31000	U
	4-Methylphenol	31000	U
621-64-7	n-Nitroso-di-n-propylamine	31000	U
67-72-1	Hexachloroethane	31000	U
98-95-3	Nitrobenzene	31000	U
78-59-1	Isophorone	31000	U
88-75-5	2-Nitrophenol	31000	U
105-67-9	2,4-Dimethylphenol	31000	U
111-91-1	bis(2-Chloroethoxy)methane	31000	U
120-83-2	2,4-Dichlorophenol	31000	U
65-85-0	Benzoic Acid	31000	U
120-82-1	1,2,4-Trichlorobenzene	31000	U
91-20-3	Naphthalene	21000	JD
106-47-8	4-Chloroaniline	31000	U
87-68-3	Hexachlorobutadiene	31000	U
59-50-7	4-Chloro-3-methylphenol	31000	U
91-57-6	2-Methylnaphthalene	7800	JD
77-47-4	Hexachlorocyclopentadiene	31000	U
88-06-2	2,4,6-Trichlorophenol	31000	U
	2,4,5-Trichlorophenol	31000	U
91-58-7	2-Chloronaphthalene	31000	U
88-74-4	2-Nitroaniline	31000	U
131-11-3	Dimethylphthalate	31000	U
208-96-8	Acenaphthylene	31000	U
606-20-2	2,6-Dinitrotoluene	31000	U
99-09-2	3-Nitroaniline	31000	U

1C

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-166

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4413 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4413.18(1:25)

Sample wt/vol: 10.05 (g/ml) G Lab File ID: BNA02544.D

Level: (low/med) LOW Date Received: 4/13/99

% Moisture: 18.94 decanted:(Y/N) N Date Extracted: 4/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/28/99

Injection Volume: 1.0 (uL) Dilution Factor: 25.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	34000	D
51-28-5	2,4-Dinitrophenol	31000	U
132-64-9	Dibenzofuran	14000	JD
100-02-7	4-Nitrophenol	31000	U
121-14-2	2,4-Dinitrotoluene	31000	U
84-66-2	Diethylphthalate	31000	U
86-73-7	Fluorene	28000	JD
7005-72-3	4-Chlorophenyl-phenylether	31000	U
100-01-6	4-Nitroaniline	31000	U
534-52-1	4,6-Dinitro-2-methylphenol	31000	U
86-30-6	n-Nitrosodiphenylamine	31000	U
103-33-3	Azobenzene	31000	U
101-55-3	4-Bromophenyl-phenylether	31000	U
118-74-1	Hexachlorobenzene	31000	U
87-86-5	Pentachlorophenol	31000	U
85-01-8	Phenanthrene	230000	D
120-12-7	Anthracene	58000	D
84-74-2	Di-n-butylphthalate	31000	U
206-44-0	Fluoranthene	190000	D
92-87-5	Benzidine	31000	U
129-00-0	Pyrene	210000	D
85-68-7	Butylbenzylphthalate	31000	U
56-55-3	Benzo[a]anthracene	80000	D
91-94-1	3,3'-Dichlorobenzidine	31000	U
218-01-9	Chrysene	130000	D
117-81-7	bis(2-Ethylhexyl)phthalate	31000	U
117-84-0	Di-n-octylphthalate	31000	U
205-99-2	Benzo[b]fluoranthene	44000	D
207-08-9	Benzo[k]fluoranthene	50000	D
50-32-8	Benzo[a]pyrene	65000	D
193-39-5	Indeno[1,2,3-cd]pyrene	35000	D
53-70-3	Dibenz[a,h]anthracene	12000	JD
191-24-2	Benzo[g,h,i]perylene	37000	D

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-167

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4413 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4413.20

Sample wt/vol: 10.13 (g/ml) G Lab File ID: BN03102.D

Level: (low/med) LOW Date Received: 4/13/99

% Moisture: 16.28 decanted:(Y/N) N Date Extracted: 4/14/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/15/99

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

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-167

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4413 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4413.20

Sample wt/vol: 10.13 (g/ml) G Lab File ID: BN03102.D

Level: (low/med) LOW Date Received: 4/13/99

% Moisture: 16.28 decanted:(Y/N) N Date Extracted: 4/14/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/15/99

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	220	J
120-12-7	Anthracene	1200	U
84-74-2	Di-n-butylphthalate	1200	B
206-44-0	Fluoranthene	430	J
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	380	J
85-68-7	Butylbenzylphthalate	1200	U
56-55-3	Benzo[a]anthracene	220	J
91-94-1	3,3'-Dichlorobenzidine	1200	U
218-01-9	Chrysene	390	J
117-81-7	bis(2-Ethylhexyl)phthalate	1200	U
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo[b]fluoranthene	170	J
207-08-9	Benzo[k]fluoranthene	210	J
50-32-8	Benzo[a]pyrene	210	J
193-39-5	Indeno[1,2,3-cd]pyrene	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-167**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4413 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4413.20

Sample wt/vol: 10.13 (g/ml) G Lab File ID: BN03102.D

Level: (low/med) LOW Date Received: 4/13/99

% Moisture: 16.28 decanted: (Y/N) N Date Extracted: 4/14/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/15/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 22 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	074367-33-2	Propanoic acid, 2-methyl-, 2,2-di	12.46	780	JN
2.	000109-21-7	Butanoic acid, butyl ester	12.75	1300	JN
3.		unknown	18.43	9600	J
4.	010544-50-0	Sulfur, mol. (S8)	20.09	640	JN
5.	000057-11-4	Octadecanoic acid	21.13	850	JN
6.		unknown	22.18	470	J
7.	001454-84-8	1-Nonadecanol	23.83	7900	JN
8.	000112-85-6	Docosanoic acid	24.41	820	JN
9.	006971-40-0	17-Pentatriacontene	24.60	480	JN
10.	001599-67-3	1-Docosene	25.34	3000	JN
11.	000506-12-7	Heptadecanoic acid	25.88	1200	JN
12.	056554-87-1	16-Octadecenal	26.33	950	JN
13.	000544-85-4	Dotriacontane	26.73	1600	JN
14.	007320-37-8	Oxirane, tetradecyl-	27.67	1200	JN
15.		unknown	28.02	3200	J
16.	000629-96-9	1-Eicosanol	28.07	2900	JN
17.		unknown	28.18	630	J
18.		unknown	28.30	2700	J
19.		unknown	28.71	1700	J
20.	000638-66-4	Octadecanal	28.93	1200	JN
21.		unknown	29.42	690	J
22.		unknown	29.57	990	J

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-168

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4413 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4413.22

Sample wt/vol: 10.18 (g/ml) G Lab File ID: BN03101.D

Level: (low/med) LOW Date Received: 4/13/99

% Moisture: 19.39 decanted:(Y/N) N Date Extracted: 4/14/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/15/99

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

002262

1C

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-168

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4413 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4413.22

Sample wt/vol: 10.18 (g/ml) G Lab File ID: BN03101.D

Level: (low/med) LOW Date Received: 4/13/99

% Moisture: 19.39 decanted:(Y/N) N Date Extracted: 4/14/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/15/99

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	360	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-168**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4413 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4413.22

Sample wt/vol: 10.18 (g/ml) G Lab File ID: BN03101.D

Level: (low/med) LOW Date Received: 4/13/99

% Moisture: 19.39 decanted: (Y/N) N Date Extracted: 4/14/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/15/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 21 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	000629-78-7	Heptadecane	15.45	590	JN
2.	000544-76-3	Hexadecane	16.57	900	JN
3.	000638-36-8	Hexadecane, 2,6,10,14-tetrameth	16.63	1000	JN
4.	000112-95-8	Eicosane	17.72	620	JN
5.		unknown	18.41	4100	J
6.	002091-29-4	9-Hexadecenoic acid	19.15	3900	JN
7.		unknown	19.24	2000	J
8.	002091-29-4	9-Hexadecenoic acid	20.96	980	JN
9.	000544-63-8	Tetradecanoic acid	21.13	660	JN
10.	001599-67-3	1-Docosene	23.82	6000	JN
11.	006624-79-9	1-Dotriacontanol	25.33	1600	JN
12.	002765-11-9	Pentadecanal-	26.32	540	JN
13.	006624-79-9	1-Dotriacontanol	26.74	1600	JN
14.	010486-19-8	Tridecanal	27.66	830	JN
15.	000630-06-8	Hexatriacontane	28.01	740	JN
16.	000629-96-9	1-Eicosanol	28.06	1600	JN
17.		unknown	28.70	1500	J
18.	000638-66-4	Octadecanal	28.93	890	JN
19.	001454-85-9	1-Heptadecanol	29.31	600	JN
20.		unknown	29.36	590	J
21.		unknown	29.54	700	J

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-169

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4413 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4413.24

Sample wt/vol: 10.13 (g/ml) G Lab File ID: BN03100.D

Level: (low/med) LOW Date Received: 4/13/99

% Moisture: 15.05 decanted:(Y/N) N Date Extracted: 4/14/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/15/99

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

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-169

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4413 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4413.24

Sample wt/vol: 10.13 (g/ml) G Lab File ID: BN03100.D

Level: (low/med) LOW Date Received: 4/13/99

% Moisture: 15.05 decanted:(Y/N) N Date Extracted: 4/14/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/15/99

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	350	J
120-12-7	Anthracene	1200	U
84-74-2	Di-n-butylphthalate	690	JB
206-44-0	Fluoranthene	600	J
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	550	J
85-68-7	Butylbenzylphthalate	1200	U
56-55-3	Benzo[a]anthracene	290	J
91-94-1	3,3'-Dichlorobenzidine	1200	U
218-01-9	Chrysene	570	J
117-81-7	bis(2-Ethylhexyl)phthalate	1200	U
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo[b]fluoranthene	290	J
207-08-9	Benzo[k]fluoranthene	270	J
50-32-8	Benzo[a]pyrene	330	J
193-39-5	Indeno[1,2,3-cd]pyrene	220	J
53-70-3	Dibenz[a,h]anthracene	1200	U
191-24-2	Benzo[g,h,i]perylene	250	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **B-169**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4413 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4413.24

Sample wt/vol: 10.13 (g/ml) G Lab File ID: BN03100.D

Level: (low/med) LOW Date Received: 4/13/99

% Moisture: 15.05 decanted: (Y/N) N Date Extracted: 4/14/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/15/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 20 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000109-21-7	Butanoic acid, butyl ester	12.75	590	JN
2.	unknown	18.42	6900	J
3. 010544-50-0	Sulfur, mol. (S8)	20.09	1600	JN
4. 001599-67-3	1-Docosene	23.82	5600	JN
5. 000638-68-6	Triacontane	24.61	1400	JN
6.	unknown	25.33	4400	J
7. 000057-10-3	Hexadecanoic acid	25.87	780	JN
8. 000124-25-4	Tetradecanal	26.32	1200	JN
9. 000630-06-8	Hexatriacontane	26.72	4900	JN
10. 000112-95-8	Eicosane	27.37	2000	JN
11. 056554-87-1	16-Octadecenal	27.67	2000	JN
12. 007098-22-8	Tetratetracontane	28.01	3400	JN
13.	unknown	28.07	2700	J
14.	unknown	28.18	590	J
15. 000000-00-0	10-Methylnonadecane	28.63	1100	JN
16. 000629-80-1	Hexadecanal	28.93	1400	JN
17. 000630-02-4	Octacosane	29.23	1300	JN
18. 000629-96-9	1-Eicosanol	29.32	930	JN
19.	unknown	29.42	630	J
20. 000544-85-4	Dotriacontane	30.65	560	JN

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-170

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4413 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4413.26

Sample wt/vol: 10.15 (g/ml) G Lab File ID: BNA02477.D

Level: (low/med) LOW Date Received: 4/13/99

% Moisture: 14.53 decanted:(Y/N) N Date Extracted: 4/14/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/16/99

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-170**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4413 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4413.26

Sample wt/vol: 10.15 (g/ml) G Lab File ID: BNA02477.D

Level: (low/med) LOW Date Received: 4/13/99

% Moisture: 14.53 decanted:(Y/N) N Date Extracted: 4/14/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/16/99

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	640	JB
206-44-0	Fluoranthene	1200	U
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-170**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4413 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4413.26

Sample wt/vol: 10.15 (g/ml) G Lab File ID: BNA02477.D

Level: (low/med) LOW Date Received: 4/13/99

% Moisture: 14.53 decanted: (Y/N) N Date Extracted: 4/14/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/16/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 5 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	20.22	6400	JN
2. 001599-67-3	1-Docosene	25.66	3200	JN
3. 006971-40-0	17-Pentatriacontene	27.18	710	JN
4. 000629-92-5	Nonadecane	28.57	510	JN
5. 006624-79-9	1-Dotriacontanol	30.03	470	JN

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-171

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4469 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4469.02

Sample wt/vol: 10.11 (g/ml) G Lab File ID: BNA02596.D

Level: (low/med) LOW Date Received: 5/7/99

% Moisture: 10.83 decanted:(Y/N) N Date Extracted: 5/11/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/13/99

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

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-171

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4469 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4469.02

Sample wt/vol: 10.11 (g/ml) G Lab File ID: BNA02596.D

Level: (low/med) LOW Date Received: 5/7/99

% Moisture: 10.83 decanted:(Y/N) N Date Extracted: 5/11/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/13/99

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	550	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-171**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4469 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4469.02

Sample wt/vol: 10.11 (g/ml) G Lab File ID: BNA02596.D

Level: (low/med) LOW Date Received: 5/7/99

% Moisture: 10.83 decanted: (Y/N) N Date Extracted: 5/11/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/13/99

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.	unknown	20.09	1800	J
2. 001599-67-3	1-Docosene	25.56	2500	JN

002273

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-172

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4469 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4469.04

Sample wt/vol: 10.04 (g/ml) G Lab File ID: BNA02597.D

Level: (low/med) LOW Date Received: 5/7/99

% Moisture: 9.01 decanted:(Y/N) N Date Extracted: 5/11/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/13/99

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

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-172

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4469 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4469.04

Sample wt/vol: 10.04 (g/ml) G Lab File ID: BNA02597.D

Level: (low/med) LOW Date Received: 5/7/99

% Moisture: 9.01 decanted:(Y/N) N Date Extracted: 5/11/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/13/99

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	430	JB
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	120	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	120	J
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **B-172**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4469 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4469.04

Sample wt/vol: 10.04 (g/ml) G Lab File ID: BNA02597.D

Level: (low/med) LOW Date Received: 5/7/99

% Moisture: 9.01 decanted: (Y/N) N Date Extracted: 5/11/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/13/99

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. 000100-52-7	Benzaldehyde	7.92	680	JN
2. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	20.09	1100	JN
3. 001599-67-3	1-Docosene	25.56	3100	JN
4. 000629-78-7	Heptadecane	27.08	460	JN
5. 000638-66-4	Octadecanal	28.09	880	JN
6. 000000-00-0	1-Hexacosanal	29.46	1100	JN

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-173

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4469 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4469.06

Sample wt/vol: 10.23 (g/ml) G Lab File ID: BN03232.D

Level: (low/med) LOW Date Received: 5/7/99

% Moisture: 14.26 decanted:(Y/N) N Date Extracted: 5/11/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/13/99

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

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-173

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4469 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4469.06

Sample wt/vol: 10.23 (g/ml) G Lab File ID: BN03232.D

Level: (low/med) LOW Date Received: 5/7/99

% Moisture: 14.26 decanted:(Y/N) N Date Extracted: 5/11/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/13/99

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	140	J
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	150	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-173**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4469 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4469.06

Sample wt/vol: 10.23 (g/ml) G Lab File ID: BN03232.D

Level: (low/med) LOW Date Received: 5/7/99

% Moisture: 14.26 decanted: (Y/N) N Date Extracted: 5/11/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/13/99

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. 000057-11-4	Octadecanoic acid	21.07	480	JN
2. 001454-84-8	1-Nonadecanol	23.77	7500	JN
3. 006624-79-9	1-Dotriacontanol	25.27	1100	JN
4. 000629-96-9	1-Eicosanol	28.01	1600	JN
5.	unknown	28.65	630	J
6. 001599-67-3	1-Docosene	29.25	620	JN

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-174

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4469 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4469.08

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA02598.D

Level: (low/med) LOW Date Received: 5/7/99

% Moisture: 3 decanted:(Y/N) N Date Extracted: 5/11/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/13/99

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	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

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-174

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4469 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4469.08

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA02598.D

Level: (low/med) LOW Date Received: 5/7/99

% Moisture: 3 decanted:(Y/N) N Date Extracted: 5/11/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/13/99

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	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	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	1500	
120-12-7	Anthracene	240	J
84-74-2	Di-n-butylphthalate	1000	U
206-44-0	Fluoranthene	2400	
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	2500	
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	930	J
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	1600	
117-81-7	bis(2-Ethylhexyl)phthalate	110	J
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	830	J
207-08-9	Benzo[k]fluoranthene	890	J
50-32-8	Benzo[a]pyrene	930	J
193-39-5	Indeno[1,2,3-cd]pyrene	350	J
53-70-3	Dibenz[a,h]anthracene	1000	U
191-24-2	Benzo[g,h,i]perylene	370	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **B-174**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4469 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4469.08

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA02598.D

Level: (low/med) LOW Date Received: 5/7/99

% Moisture: 3 decanted: (Y/N) N Date Extracted: 5/11/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/13/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

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	25.56	1800	JN

002282

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-175

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4469 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4469.10

Sample wt/vol: 10.09 (g/ml) G Lab File ID: BN03237.D

Level: (low/med) LOW Date Received: 5/7/99

% Moisture: 10.62 decanted:(Y/N) N Date Extracted: 5/13/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/17/99

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-175**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4469 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4469.10

Sample wt/vol: 10.09 (g/ml) G Lab File ID: BN03237.D

Level: (low/med) LOW Date Received: 5/7/99

% Moisture: 10.62 decanted:(Y/N) N Date Extracted: 5/13/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/17/99

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	360	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	810	JB
206-44-0	Fluoranthene	840	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	680	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	320	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	640	J
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	350	J
207-08-9	Benzo[k]fluoranthene	320	J
50-32-8	Benzo[a]pyrene	370	J
193-39-5	Indeno[1,2,3-cd]pyrene	260	J
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	270	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **B-175**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4469 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4469.10

Sample wt/vol: 10.09 (g/ml) G Lab File ID: BN03237.D

Level: (low/med) LOW Date Received: 5/7/99

% Moisture: 10.62 decanted: (Y/N) N Date Extracted: 5/13/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/17/99

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. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.34	2000	JN
2. 001454-84-8	1-Nonadecanol	23.75	5400	JN
3. 006624-79-9	1-Dotriacontanol	25.26	1400	JN
4. 056554-89-3	14-Octadecenal	27.59	620	JN
5. 074685-30-6	5-Eicosene, (E)-	27.98	1200	JN
6. 000638-66-4	Octadecanal	28.85	470	JN
7. 019047-85-9	Phosphonic acid, dioctadecyl este	29.22	580	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-176

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4473 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4473.02

Sample wt/vol: 10.17 (g/ml) G Lab File ID: BN03283.D

Level: (low/med) LOW Date Received: 5/10/99

% Moisture: 7.96 decanted:(Y/N) N Date Extracted: 5/13/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/19/99

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	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

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-176

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4473 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4473.02

Sample wt/vol: 10.17 (g/ml) G Lab File ID: BN03283.D

Level: (low/med) LOW Date Received: 5/10/99

% Moisture: 7.96 decanted:(Y/N) N Date Extracted: 5/13/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/19/99

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	110	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	120	JB
206-44-0	Fluoranthene	190	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	200	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	110	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	240	J
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-176

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4473 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4473.02

Sample wt/vol: 10.17 (g/ml) G Lab File ID: BN03283.D

Level: (low/med) LOW Date Received: 5/10/99

% Moisture: 7.96 decanted: (Y/N) N Date Extracted: 5/13/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/19/99

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. 018435-45-5	1-Nonadecene	23.77	6600	JN
2. 006971-40-0	17-Pentatriacontene	25.28	2000	JN
3. 000638-66-4	Octadecanal	26.28	1700	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-177

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4473 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4473.04

Sample wt/vol: 10.22 (g/ml) G Lab File ID: BN03275.D

Level: (low/med) LOW Date Received: 5/10/99

% Moisture: 16.52 decanted:(Y/N) N Date Extracted: 5/13/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/19/99

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

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-177

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4473 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4473.04

Sample wt/vol: 10.22 (g/ml) G Lab File ID: BN03275.D

Level: (low/med) LOW Date Received: 5/10/99

% Moisture: 16.52 decanted:(Y/N) N Date Extracted: 5/13/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/19/99

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	160	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	150	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	1400	
120-12-7	Anthracene	340	J
84-74-2	Di-n-butylphthalate	390	JB
206-44-0	Fluoranthene	1800	
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	1400	
85-68-7	Butylbenzylphthalate	1200	U
56-55-3	Benzo[a]anthracene	740	J
91-94-1	3,3'-Dichlorobenzidine	1200	U
218-01-9	Chrysene	1200	
117-81-7	bis(2-Ethylhexyl)phthalate	140	J
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo[b]fluoranthene	600	J
207-08-9	Benzo[k]fluoranthene	530	J
50-32-8	Benzo[a]pyrene	690	J
193-39-5	Indeno[1,2,3-cd]pyrene	390	J
53-70-3	Dibenz[a,h]anthracene	1200	U
191-24-2	Benzo[g,h,i]perylene	390	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-177

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4473 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4473.04

Sample wt/vol: 10.22 (g/ml) G Lab File ID: BN03275.D

Level: (low/med) LOW Date Received: 5/10/99

% Moisture: 16.52 decanted: (Y/N) N Date Extracted: 5/13/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/19/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 12 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	18.33	880	J
2. 006765-39-5	1-Heptadecene	22.10	470	JN
3. 001599-67-3	1-Docosene	23.75	6400	JN
4. 006624-79-9	1-Dotriacontanol	25.26	3300	JN
5. 056554-90-6	13-Octadecenal	26.25	2300	JN
6. 000192-97-2	Benzo[e]pyrene	26.50	760	JN
7. 001454-84-8	1-Nonadecanol	26.67	3100	JN
8. 002765-11-9	Pentadecanal-	27.60	1300	JN
9. 000630-06-8	Hexatriacontane	27.93	1400	JN
10. 000629-76-5	1-Pentadecanol	27.99	2200	JN
11.	unknown	28.10	790	J
12. 056554-86-0	17-Octadecenal	28.86	1500	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-178

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4473 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4473.06

Sample wt/vol: 10.63 (g/ml) G Lab File ID: BN03276.D

Level: (low/med) LOW Date Received: 5/10/99

% Moisture: 8.51 decanted:(Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/19/99

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	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

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-178

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4473 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4473.06

Sample wt/vol: 10.63 (g/ml) G Lab File ID: BN03276.D

Level: (low/med) LOW Date Received: 5/10/99

% Moisture: 8.51 decanted:(Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/19/99

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	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	140	J
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	390	JB
206-44-0	Fluoranthene	220	J
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	210	J
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	120	J
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	230	J
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	110	J
193-39-5	Indeno[1,2,3-cd]pyrene	1000	U
53-70-3	Dibenz[a,h]anthracene	1000	U
191-24-2	Benzo[g,h,i]perylene	1000	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-178

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4473 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4473.06

Sample wt/vol: 10.63 (g/ml) G Lab File ID: BN03276.D

Level: (low/med) LOW Date Received: 5/10/99

% Moisture: 8.51 decanted: (Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/19/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 16 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.33	900	JN
2. 000544-63-8	Tetradecanoic acid	21.07	530	JN
3.	unknown	22.10	680	J
4. 001454-84-8	1-Nonadecanol	23.76	7500	JN
5.	unknown	24.52	490	J
6. 006624-79-9	1-Dotriacontanol	25.27	2500	JN
7.	unknown	25.97	870	J
8. 056554-86-0	17-Octadecenal	26.25	1500	JN
9. 000629-96-9	1-Eicosanol	26.68	2400	JN
10. 002765-11-9	Pentadecanal-	27.60	1500	JN
11. 000630-07-9	Pentatriacontane	27.94	630	JN
12. 029354-98-1	Hexadecanol	28.00	2100	JN
13.	unknown	28.11	640	J
14.	unknown	28.21	1300	J
15.	unknown	28.63	990	J
16. 000124-25-4	Tetradecanal	28.86	1300	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-179

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4473 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4473.08

Sample wt/vol: 10.2 (g/ml) G Lab File ID: BN03279.D

Level: (low/med) LOW Date Received: 5/10/99

% Moisture: 15.71 decanted:(Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/19/99

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

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-179

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4473 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4473.08

Sample wt/vol: 10.2 (g/ml) G Lab File ID: BN03279.D

Level: (low/med) LOW Date Received: 5/10/99

% Moisture: 15.71 decanted:(Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/19/99

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	350	JB
206-44-0	Fluoranthene	1200	U
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	1200	U
85-68-7	Butylbenzylphthalate	200	J
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	240	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-179

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4473 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4473.08

Sample wt/vol: 10.2 (g/ml) G Lab File ID: BN03279.D

Level: (low/med) LOW Date Received: 5/10/99

% Moisture: 15.71 decanted: (Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/19/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 20 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	17.56	540	J
2. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.33	740	JN
3. 000057-10-3	Hexadecanoic acid	19.33	11000	JN
4. 002091-29-4	9-Hexadecenoic acid	20.90	2300	JN
5. 000057-11-4	Octadecanoic acid	21.13	7000	JN
6. 054290-12-9	8-Heptadecene	22.12	500	JN
7. 001599-67-3	1-Docosene	23.77	8900	JN
8.	unknown	24.36	1200	J
9.	unknown	24.46	1500	J
10. 000629-50-5	Tridecane	24.54	770	JN
11.	unknown	24.82	560	J
12. 000295-65-8	Cyclohexadecane	25.28	5500	JN
13. 000593-45-3	Octadecane	25.98	2300	JN
14. 000638-66-4	Octadecanal	26.27	5600	JN
15. 000629-96-9	1-Eicosanol	26.69	10000	JN
16. 000629-78-7	Heptadecane	27.32	880	JN
17. 000629-80-1	Hexadecanal	27.62	7100	JN
18. 000544-76-3	Hexadecane	27.95	3600	JN
19. 001599-67-3	1-Docosene	28.01	4400	JN
20.	unknown	28.65	2600	J

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-180

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4473 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4473.10

Sample wt/vol: 10.48 (g/ml) G Lab File ID: BN03282.D

Level: (low/med) LOW Date Received: 5/10/99

% Moisture: 5.75 decanted:(Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/19/99

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	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

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-180

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4473 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4473.10

Sample wt/vol: 10.48 (g/ml) G Lab File ID: BN03282.D

Level: (low/med) LOW Date Received: 5/10/99

% Moisture: 5.75 decanted:(Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/19/99

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	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	120	J
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	570	JB
206-44-0	Fluoranthene	160	J
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	140	J
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	1000	U
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	190	J
117-81-7	bis(2-Ethylhexyl)phthalate	260	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-180

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4473 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4473.10

Sample wt/vol: 10.48 (g/ml) G Lab File ID: BN03282.D

Level: (low/med) LOW Date Received: 5/10/99

% Moisture: 5.75 decanted: (Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/19/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 10 (ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		unknown	4.06	1000	J
2.		unknown	15.40	420	J
3.	000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.34	1100	JN
4.	006765-39-5	1-Heptadecene	22.11	600	JN
5.	019047-85-9	Phosphonic acid, dioctadecyl este	23.77	7200	JN
6.	000506-52-5	1-Hexacosanol	25.27	2200	JN
7.	056554-87-1	16-Octadecenal	26.27	1400	JN
8.	000629-80-1	Hexadecanal	27.62	1700	JN
9.	000629-96-9	1-Eicosanol	28.01	1200	JN
10.		unknown	28.65	1300	J

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-181

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4473 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4473.14

Sample wt/vol: 9.94 (g/ml) G Lab File ID: BN03281.D

Level: (low/med) LOW Date Received: 5/10/99

% Moisture: 15.63 decanted:(Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/19/99

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

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-181

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4473 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4473.14

Sample wt/vol: 9.94 (g/ml) G Lab File ID: BN03281.D

Level: (low/med) LOW Date Received: 5/10/99

% Moisture: 15.63 decanted:(Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/19/99

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	220	J
120-12-7	Anthracene	1200	U
84-74-2	Di-n-butylphthalate	610	JB
206-44-0	Fluoranthene	400	J
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	390	J
85-68-7	Butylbenzylphthalate	1200	U
56-55-3	Benzo[a]anthracene	210	J
91-94-1	3,3'-Dichlorobenzidine	1200	U
218-01-9	Chrysene	410	J
117-81-7	bis(2-Ethylhexyl)phthalate	170	J
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo[b]fluoranthene	280	J
207-08-9	Benzo[k]fluoranthene	220	J
50-32-8	Benzo[a]pyrene	260	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-181

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4473 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4473.14

Sample wt/vol: 9.94 (g/ml) G Lab File ID: BN03281.D

Level: (low/med) LOW Date Received: 5/10/99

% Moisture: 15.63 decanted: (Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/19/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 17 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	12.36	720	J
2. 000475-20-7	1,4-Methanoazulene, decahydro-	13.14	930	JN
3.	unknown	17.56	1100	J
4. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.34	1300	JN
5.	unknown	20.88	730	J
6. 000057-11-4	Octadecanoic acid	21.09	1400	JN
7. 000053-19-0	Mitotane	21.49	500	JN
8. 000072-54-8	1,1-Dichloro-2,2-bis(p-chlorophen	22.12	2400	JN
9. 001740-19-8	1-Phenanthrenecarboxylic acid, 1	23.52	860	JN
10. 001599-67-3	1-Docosene	23.77	9000	JN
11.	unknown	24.35	510	J
12.	unknown	24.54	520	J
13. 006971-40-0	17-Pentatriacontene	25.27	3400	JN
14. 056554-87-1	16-Octadecenal	26.26	1900	JN
15. 056554-86-0	17-Octadecenal	27.61	1400	JN
16. 000629-96-9	1-Eicosanol	28.00	1600	JN
17.	unknown	28.64	2000	J

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-182

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4473 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4473.16

Sample wt/vol: 10.22 (g/ml) G Lab File ID: BN03272.D

Level: (low/med) LOW Date Received: 5/10/99

% Moisture: 13.36 decanted:(Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/19/99

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	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	280	J
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-182

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4473 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4473.16

Sample wt/vol: 10.22 (g/ml) G Lab File ID: BN03272.D

Level: (low/med) LOW Date Received: 5/10/99

% Moisture: 13.36 decanted:(Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/19/99

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	790	J
120-12-7	Anthracene	180	J
84-74-2	Di-n-butylphthalate	660	JB
206-44-0	Fluoranthene	1100	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1300	
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	530	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1300	
117-81-7	bis(2-Ethylhexyl)phthalate	130	J
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	480	J
207-08-9	Benzo[k]fluoranthene	430	J
50-32-8	Benzo[a]pyrene	500	J
193-39-5	Indeno[1,2,3-cd]pyrene	360	J
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	400	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-182

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4473 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4473.16

Sample wt/vol: 10.22 (g/ml) G Lab File ID: BN03272.D

Level: (low/med) LOW Date Received: 5/10/99

% Moisture: 13.36 decanted: (Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/19/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 25 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.33	1400	JN
2. 000613-12-7	Anthracene, 2-methyl-	18.89	530	JN
3. 000084-65-1	9,10-Anthracenedione	19.41	520	JN
4. 003674-66-6	Phenanthrene, 2,5-dimethyl-	19.98	490	JN
5.	unknown	21.06	1200	J
6. 000072-54-8	1,1-Dichloro-2,2-bis(p-chlorophen	21.47	660	JN
7. 000053-19-0	Mitotane	22.10	3700	JN
8. 000629-99-2	Pentacosane	22.18	610	JN
9.	unknown	22.75	480	J
10. 000510-15-6	Chlorobenzilate	22.96	2400	JN
11. 000629-96-9	1-Eicosanol	23.76	12000	JN
12. 000544-63-8	Tetradecanoic acid	24.34	1300	JN
13.	unknown	24.53	710	J
14. 007320-37-8	Oxirane, tetradecyl-	24.81	540	JN
15. 006971-40-0	17-Pentatriacontene	25.27	3700	JN
16. 000506-12-7	Heptadecanoic acid	25.83	1200	JN
17. 000000-00-0	1-Hexacosanal	26.26	2300	JN
18. 001599-67-3	1-Docosene	26.69	4500	JN
19. 002765-11-9	Pentadecanal-	27.61	1900	JN
20. 000638-68-6	Triacontane	27.95	1900	JN
21.	unknown	28.01	1900	J
22. 000000-00-0	2-Pentacosanone	28.11	1300	JN
23. 000638-66-4	Octadecanal	28.87	2400	JN
24. 006624-79-9	1-Dotriacontanol	29.25	980	JN
25.	unknown	29.35	1300	J

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-183

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4473 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4473.18

Sample wt/vol: 10.98 (g/ml) G Lab File ID: BN03280.D

Level: (low/med) LOW Date Received: 5/10/99

% Moisture: 8.68 decanted:(Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/19/99

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	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

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-183

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4473 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4473.18

Sample wt/vol: 10.98 (g/ml) G Lab File ID: BN03280.D

Level: (low/med) LOW Date Received: 5/10/99

% Moisture: 8.68 decanted:(Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/19/99

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	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	310	J
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	560	JB
206-44-0	Fluoranthene	540	J
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	390	J
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	280	J
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	550	J
117-81-7	bis(2-Ethylhexyl)phthalate	300	J
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	330	J
207-08-9	Benzo[k]fluoranthene	270	J
50-32-8	Benzo[a]pyrene	280	J
193-39-5	Indeno[1,2,3-cd]pyrene	150	J
53-70-3	Dibenz[a,h]anthracene	1000	U
191-24-2	Benzo[g,h,i]perylene	140	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-183

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4473 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4473.18

Sample wt/vol: 10.98 (g/ml) G Lab File ID: BN03280.D

Level: (low/med) LOW Date Received: 5/10/99

% Moisture: 8.68 decanted: (Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/19/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 7 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.34	1500	JN
2. 000544-63-8	Tetradecanoic acid	21.08	700	JN
3. 001599-67-3	1-Docosene	23.77	6200	JN
4. 040186-71-8	1,1'-Biphenyl, 2,2',3,3',4,5',6,6'-o(	24.68	770	JN
5. 074472-52-9	1,1'-Biphenyl, 2,2',3,4,4',5,6,6'-O(	24.78	670	JN
6. 006765-39-5	1-Heptadecene	25.27	2200	JN
7.	unknown	26.26	2300	J

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-184

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4473 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4473.20

Sample wt/vol: 10.74 (g/ml) G Lab File ID: BN03302.D

Level: (low/med) LOW Date Received: 5/10/99

% Moisture: 7.01 decanted:(Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/20/99

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	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	210	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	110	J
606-20-2	2,6-Dinitrotoluene	1000	U
99-09-2	3-Nitroaniline	1000	U

1C

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-184

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4473 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4473.20

Sample wt/vol: 10.74 (g/ml) G Lab File ID: BN03302.D

Level: (low/med) LOW Date Received: 5/10/99

% Moisture: 7.01 decanted:(Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/20/99

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	400	J
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	340	J
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	540	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	6900	
120-12-7	Anthracene	1800	
84-74-2	Di-n-butylphthalate	160	JB
206-44-0	Fluoranthene	9500	
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	6900	
85-68-7	Butylbenzylphthalate	170	J
56-55-3	Benzo[a]anthracene	3900	
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	5700	
117-81-7	bis(2-Ethylhexyl)phthalate	180	J
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	3700	
207-08-9	Benzo[k]fluoranthene	3300	
50-32-8	Benzo[a]pyrene	3200	
193-39-5	Indeno[1,2,3-cd]pyrene	1100	
53-70-3	Dibenz[a,h]anthracene	640	J
191-24-2	Benzo[g,h,i]perylene	880	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-184

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4473 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4473.20

Sample wt/vol: 10.74 (g/ml) G Lab File ID: BN03302.D

Level: (low/med) LOW Date Received: 5/10/99

% Moisture: 7.01 decanted: (Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/20/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 16 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000486-25-9	9H-Fluoren-9-one	17.08	740	JN
2. 000132-65-0	Dibenzothiophene	17.21	490	JN
3. 002788-23-0	9H-Carbazole, 9-nitroso-	18.14	540	JN
4.	unknown	18.35	470	J
5. 002531-84-2	Phenanthrene, 2-methyl-	18.68	670	JN
6. 000613-12-7	Anthracene, 2-methyl-	18.73	750	JN
7. 000203-64-5	4H-Cyclopenta[def]phenanthrene	18.90	1200	JN
8. 035465-71-5	2-Phenylnaphthalene	19.42	540	JN
9. 000084-65-1	9,10-Anthracenedione	19.47	800	JN
10. 005737-13-3	Cyclopenta(def)phenanthrenone	20.19	580	JN
11.	unknown	21.65	430	J
12. 000082-05-3	7H-Benz[de]anthracen-7-one	22.87	680	JN
13.	unknown	23.17	970	J
14. 000082-05-3	7H-Benz[de]anthracen-7-one	23.37	510	JN
15.	unknown	25.30	1200	J
16. 000638-66-4	Octadecanal	27.66	2900	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-185

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4474 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4474.02

Sample wt/vol: 11.11 (g/ml) G Lab File ID: BN03298.D

Level: (low/med) LOW Date Received: 5/11/99

% Moisture: 11.7 decanted:(Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/20/99

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	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

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-185

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4474 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4474.02

Sample wt/vol: 11.11 (g/ml) G Lab File ID: BN03298.D

Level: (low/med) LOW Date Received: 5/11/99

% Moisture: 11.7 decanted:(Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/20/99

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	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	210	J
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	350	JB
206-44-0	Fluoranthene	270	J
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	320	J
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	150	J
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	330	J
117-81-7	bis(2-Ethylhexyl)phthalate	170	J
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	120	J
207-08-9	Benzo[k]fluoranthene	110	J
50-32-8	Benzo[a]pyrene	140	J
193-39-5	Indeno[1,2,3-cd]pyrene	1000	U
53-70-3	Dibenz[a,h]anthracene	1000	U
191-24-2	Benzo[g,h,i]perylene	1000	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-185

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4474 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4474.02

Sample wt/vol: 11.11 (g/ml) G Lab File ID: BN03298.D

Level: (low/med) LOW Date Received: 5/11/99

% Moisture: 11.7 decanted: (Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/20/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 24 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	18.33	1000	JN
2.	000057-11-4	Octadecanoic acid	21.08	780	JN
3.		unknown	22.11	520	J
4.	001454-84-8	1-Nonadecanol	23.77	8700	JN
5.	000057-11-4	Octadecanoic acid	24.35	770	JN
6.	002461-18-9	Oxirane, [(dodecyloxy)methyl]-	24.53	570	JN
7.		unknown	24.82	520	J
8.	004860-03-1	Hexadecane, 1-chloro-	25.27	4100	JN
9.	000638-66-4	Octadecanal	25.55	460	JN
10.	000057-10-3	Hexadecanoic acid	25.83	750	JN
11.	000000-00-0	1-Hexacosanal	26.27	6000	JN
12.	018733-57-8	Silane, trichloroeicosyl-	26.70	11000	JN
13.	002765-11-9	Pentadecanal-	26.95	610	JN
14.	056554-87-1	16-Octadecenal	27.62	7400	JN
15.	007098-22-8	Tetratetracontane	27.95	3200	JN
16.	000629-96-9	1-Eicosanol	28.02	4200	JN
17.		unknown	28.12	950	J
18.		unknown	28.65	950	J
19.	000638-66-4	Octadecanal	28.88	2400	JN
20.	006971-40-0	17-Pentatriacontene	29.26	1000	JN
21.		unknown	29.36	1100	J
22.		unknown	29.49	1000	J
23.	000058-22-0	Testosterone	30.49	1400	JN
24.		unknown	30.85	1100	J

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-186

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4474 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4474.04

Sample wt/vol: 10.18 (g/ml) G Lab File ID: BN03299.D

Level: (low/med) LOW Date Received: 5/11/99

% Moisture: 10.42 decanted:(Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/20/99

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	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

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-186

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4474 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4474.04

Sample wt/vol: 10.18 (g/ml) G Lab File ID: BN03299.D

Level: (low/med) LOW Date Received: 5/11/99

% Moisture: 10.42 decanted:(Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/20/99

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	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	430	JB
206-44-0	Fluoranthene	200	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	200	J
117-81-7	bis(2-Ethylhexyl)phthalate	260	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-186

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4474 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4474.04

Sample wt/vol: 10.18 (g/ml) G Lab File ID: BN03299.D

Level: (low/med) LOW Date Received: 5/11/99

% Moisture: 10.42 decanted: (Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/20/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 21 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	15.40	500	J
2. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.34	1200	JN
3. 000544-63-8	Tetradecanoic acid	21.08	450	JN
4.	unknown	22.11	630	J
5. 001599-67-3	1-Docosene	23.77	8900	JN
6. 000000-00-0	2-Hexyl-1-decanol	24.53	540	JN
7. 004860-03-1	Hexadecane, 1-chloro-	25.27	3500	JN
8.	unknown	25.99	880	J
9. 007390-81-0	Oxirane, hexadecyl-	26.27	2700	JN
10. 000544-85-4	Dotriacontane	26.67	4500	JN
11.	unknown	26.94	440	J
12. 056554-86-0	17-Octadecenal	27.61	4800	JN
13. 000630-06-8	Hexatriacontane	27.96	5000	JN
14.	unknown	28.02	3400	J
15.	unknown	28.12	750	J
16.	unknown	28.65	1200	J
17. 000124-25-4	Tetradecanal	28.87	3000	JN
18. 000593-49-7	Heptacosane	29.17	740	JN
19.	unknown	29.25	1200	J
20.	unknown	29.36	1300	J
21. 000000-00-0	Acetamide, N-methyl-N-[4-[3-fluor	30.49	920	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-187

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4474 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4474.06

Sample wt/vol: 10.18 (g/ml) G Lab File ID: BN03290.D

Level: (low/med) LOW Date Received: 5/11/99

% Moisture: 7.48 decanted:(Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/20/99

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	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

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-187

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4474 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4474.06

Sample wt/vol: 10.18 (g/ml) G Lab File ID: BN03290.D

Level: (low/med) LOW Date Received: 5/11/99

% Moisture: 7.48 decanted:(Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/20/99

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	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	150	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-187

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4474 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4474.06

Sample wt/vol: 10.18 (g/ml) G Lab File ID: BN03290.D

Level: (low/med) LOW Date Received: 5/11/99

% Moisture: 7.48 decanted: (Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/20/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 11 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.34	2400	JN
2. 001599-67-3	1-Docosene	23.76	8100	JN
3. 019047-85-9	Phosphonic acid, dioctadecyl este	25.26	1200	JN
4.	unknown	26.25	480	J
5. 006624-79-9	1-Dotriacontanol	26.67	1000	JN
6. 002765-11-9	Pentadecanal-	27.60	900	JN
7. 000630-06-8	Hexatriacontane	27.93	450	JN
8. 000629-96-9	1-Eicosanol	27.99	1500	JN
9.	unknown	28.63	440	J
10.	unknown	28.85	530	J
11.	unknown	29.24	580	J

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-188

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4474 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4474.08

Sample wt/vol: 10.12 (g/ml) G Lab File ID: BN03291.D

Level: (low/med) LOW Date Received: 5/11/99

% Moisture: 11.99 decanted:(Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/20/99

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	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

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-188

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4474 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4474.08

Sample wt/vol: 10.12 (g/ml) G Lab File ID: BN03291.D

Level: (low/med) LOW Date Received: 5/11/99

% Moisture: 11.99 decanted:(Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/20/99

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	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	430	JB
206-44-0	Fluoranthene	180	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	170	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	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-188

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4474 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4474.08

Sample wt/vol: 10.12 (g/ml) G Lab File ID: BN03291.D

Level: (low/med) LOW Date Received: 5/11/99

% Moisture: 11.99 decanted: (Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/20/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 22 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	18.33	1000	JN
2. 000057-11-4	Octadecanoic acid	21.06	540	JN
3.	unknown	22.11	910	J
4. 000112-95-8	Eicosane	22.19	480	JN
5. 001454-84-8	1-Nonadecanol	23.77	9900	JN
6. 006971-40-0	17-Pentatriacontene	24.52	710	JN
7. 006624-79-9	1-Dotriacontanol	25.27	3800	JN
8. 000057-11-4	Octadecanoic acid	25.82	550	JN
9.	unknown	25.98	820	J
10. 056554-87-1	16-Octadecenal	26.26	3100	JN
11. 000629-96-9	1-Eicosanol	26.69	5100	JN
12. 010486-19-8	Tridecanal	27.60	1800	JN
13. 000638-68-6	Triacontane	27.95	2100	JN
14. 001599-67-3	1-Docosene	28.01	3100	JN
15.	unknown	28.11	910	J
16.	unknown	28.64	710	J
17. 000638-66-4	Octadecanal	28.87	1900	JN
18. 000630-02-4	Octacosane	29.17	830	JN
19.	unknown	29.25	1200	J
20.	unknown	29.35	1000	J
21.	unknown	30.47	590	J
22.	unknown	30.84	830	J

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-189

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4474 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4474.10

Sample wt/vol: 11.72 (g/ml) G Lab File ID: BN03292.D

Level: (low/med) LOW Date Received: 5/11/99

% Moisture: 8.48 decanted:(Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/20/99

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	930	U
62-75-9	N-nitroso-dimethylamine	930	U
62-53-3	Aniline	930	U
108-95-2	Phenol	930	U
111-44-4	bis(2-Chloroethyl)ether	930	U
95-57-8	2-Chlorophenol	930	U
541-73-1	1,3-Dichlorobenzene	930	U
106-46-7	1,4-Dichlorobenzene	930	U
100-51-6	Benzyl alcohol	930	U
95-50-1	1,2-Dichlorobenzene	930	U
	2-Methylphenol	930	U
108-60-1	bis(2-chloroisopropyl)ether	930	U
	4-Methylphenol	930	U
621-64-7	n-Nitroso-di-n-propylamine	930	U
67-72-1	Hexachloroethane	930	U
98-95-3	Nitrobenzene	930	U
78-59-1	Isophorone	930	U
88-75-5	2-Nitrophenol	930	U
105-67-9	2,4-Dimethylphenol	930	U
111-91-1	bis(2-Chloroethoxy)methane	930	U
120-83-2	2,4-Dichlorophenol	930	U
65-85-0	Benzoic Acid	930	U
120-82-1	1,2,4-Trichlorobenzene	930	U
91-20-3	Naphthalene	930	U
106-47-8	4-Chloroaniline	930	U
87-68-3	Hexachlorobutadiene	930	U
59-50-7	4-Chloro-3-methylphenol	930	U
91-57-6	2-Methylnaphthalene	930	U
77-47-4	Hexachlorocyclopentadiene	930	U
88-06-2	2,4,6-Trichlorophenol	930	U
	2,4,5-Trichlorophenol	930	U
91-58-7	2-Chloronaphthalene	930	U
88-74-4	2-Nitroaniline	930	U
131-11-3	Dimethylphthalate	930	U
208-96-8	Acenaphthylene	930	U
606-20-2	2,6-Dinitrotoluene	930	U
99-09-2	3-Nitroaniline	930	U

1C

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-189

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4474 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4474.10

Sample wt/vol: 11.72 (g/ml) G Lab File ID: BN03292.D

Level: (low/med) LOW Date Received: 5/11/99

% Moisture: 8.48 decanted:(Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/20/99

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	930	U
51-28-5	2,4-Dinitrophenol	930	U
132-64-9	Dibenzofuran	930	U
100-02-7	4-Nitrophenol	930	U
121-14-2	2,4-Dinitrotoluene	930	U
84-66-2	Diethylphthalate	930	U
86-73-7	Fluorene	930	U
7005-72-3	4-Chlorophenyl-phenylether	930	U
100-01-6	4-Nitroaniline	930	U
534-52-1	4,6-Dinitro-2-methylphenol	930	U
86-30-6	n-Nitrosodiphenylamine	930	U
103-33-3	Azobenzene	930	U
101-55-3	4-Bromophenyl-phenylether	930	U
118-74-1	Hexachlorobenzene	930	U
87-86-5	Pentachlorophenol	930	U
85-01-8	Phenanthrene	930	U
120-12-7	Anthracene	930	U
84-74-2	Di-n-butylphthalate	880	JB
206-44-0	Fluoranthene	930	U
92-87-5	Benzidine	930	U
129-00-0	Pyrene	930	U
85-68-7	Butylbenzylphthalate	930	U
56-55-3	Benzo[a]anthracene	930	U
91-94-1	3,3'-Dichlorobenzidine	930	U
218-01-9	Chrysene	930	U
117-81-7	bis(2-Ethylhexyl)phthalate	130	J
117-84-0	Di-n-octylphthalate	930	U
205-99-2	Benzo[b]fluoranthene	930	U
207-08-9	Benzo[k]fluoranthene	930	U
50-32-8	Benzo[a]pyrene	930	U
193-39-5	Indeno[1,2,3-cd]pyrene	930	U
53-70-3	Dibenz[a,h]anthracene	930	U
191-24-2	Benzo[g,h,i]perylene	930	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-189

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4474 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4474.10

Sample wt/vol: 11.72 (g/ml) G Lab File ID: BN03292.D

Level: (low/med) LOW Date Received: 5/11/99

% Moisture: 8.48 decanted: (Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/20/99

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. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.34	2000	JN
2. 000506-12-7	Heptadecanoic acid	21.07	380	JN
3. 001599-67-3	1-Docosene	23.76	6800	JN
4. 000112-92-5	1-Octadecanol	25.26	720	JN
5. 000629-96-9	1-Eicosanol	27.99	950	JN
6.	unknown	28.63	560	J
7. 006624-79-9	1-Dotriacontanol	29.24	380	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-190

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4474 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4474.14

Sample wt/vol: 11.33 (g/ml) G Lab File ID: BN03300.D

Level: (low/med) LOW Date Received: 5/11/99

% Moisture: 12.94 decanted:(Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/20/99

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	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

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-190

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4474 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4474.14

Sample wt/vol: 11.33 (g/ml) G Lab File ID: BN03300.D

Level: (low/med) LOW Date Received: 5/11/99

% Moisture: 12.94 decanted:(Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/20/99

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	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	390	JB
206-44-0	Fluoranthene	190	J
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	180	J
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	110	J
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	220	J
117-81-7	bis(2-Ethylhexyl)phthalate	120	J
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	120	J
207-08-9	Benzo[k]fluoranthene	1000	U
50-32-8	Benzo[a]pyrene	140	J
193-39-5	Indeno[1,2,3-cd]pyrene	130	J
53-70-3	Dibenz[a,h]anthracene	1000	U
191-24-2	Benzo[g,h,i]perylene	160	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-190

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4474 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4474.14

Sample wt/vol: 11.33 (g/ml) G Lab File ID: BN03300.D

Level: (low/med) LOW Date Received: 5/11/99

% Moisture: 12.94 decanted: (Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/20/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 25 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.34	1100	JN
2.	unknown	22.12	1200	J
3. 001599-67-3	1-Docosene	23.78	9200	JN
4. 000112-85-6	Docosanoic acid	24.38	1300	JN
5. 004860-03-1	Hexadecane, 1-chloro-	24.54	1200	JN
6. 002765-11-9	Pentadecanal-	24.83	1100	JN
7.	unknown	25.30	15000	J
8. 056554-86-0	17-Octadecenal	25.56	1000	JN
9. 000544-63-8	Tetradecanoic acid	25.86	1900	JN
10. 056554-87-1	16-Octadecenal	26.29	8800	JN
11. 000593-49-7	Heptacosane	26.73	38000	JN
12. 007390-81-0	Oxirane, hexadecyl-	26.97	2100	JN
13. 000112-95-8	Eicosane	27.33	2300	JN
14. 000629-80-1	Hexadecanal	27.64	15000	JN
15. 000630-06-8	Hexatriacontane	28.01	25000	JN
16. 007225-68-5	Dodecane, 1-cyclopentyl-4-(3-cyc	28.05	5600	JN
17. 000000-00-0	2-Pentacosanone	28.15	3800	JN
18. 056554-89-3	14-Octadecenal	28.28	3300	JN
19. 000638-66-4	Octadecanal	28.92	17000	JN
20. 006971-40-0	17-Pentatriacontene	29.30	2400	JN
21. 000000-00-0	2-Pentacosanone	29.40	6500	JN
22.	unknown	29.54	4300	J
23.	unknown	30.26	6100	J
24. 001058-61-3	Stigmast-4-en-3-one	30.55	5700	JN
25.	unknown	30.89	2700	J

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-191

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4474 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4474.16

Sample wt/vol: 9.82 (g/ml) G Lab File ID: BN03301.D

Level: (low/med) LOW Date Received: 5/11/99

% Moisture: 11.79 decanted:(Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/20/99

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

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-191

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4474 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4474.16

Sample wt/vol: 9.82 (g/ml) G Lab File ID: BN03301.D

Level: (low/med) LOW Date Received: 5/11/99

% Moisture: 11.79 decanted:(Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/20/99

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	240	J
120-12-7	Anthracene	1200	U
84-74-2	Di-n-butylphthalate	450	JB
206-44-0	Fluoranthene	340	J
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	350	J
85-68-7	Butylbenzylphthalate	1200	U
56-55-3	Benzo[a]anthracene	180	J
91-94-1	3,3'-Dichlorobenzidine	1200	U
218-01-9	Chrysene	370	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	150	J
50-32-8	Benzo[a]pyrene	170	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-191

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4474 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4474.16

Sample wt/vol: 9.82 (g/ml) G Lab File ID: BN03301.D

Level: (low/med) LOW Date Received: 5/11/99

% Moisture: 11.79 decanted: (Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/20/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 14 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.34	1200	JN
2. 000120-40-1	Dodecanamide, N,N-bis(2-hydrox	21.08	470	JN
3.	unknown	22.12	530	J
4. 019047-85-9	Phosphonic acid, dioctadecyl este	23.77	6900	JN
5. 002461-18-9	Oxirane, [(dodecyloxy)methyl]-	25.28	3500	JN
6. 002765-11-9	Pentadecanal-	26.28	3500	JN
7. 056554-86-0	17-Octadecenal	27.62	3900	JN
8. 000630-02-4	Octacosane	27.96	2400	JN
9. 000629-96-9	1-Eicosanol	28.02	1800	JN
10.	unknown	28.13	780	J
11.	unknown	28.65	1100	J
12. 000638-66-4	Octadecanal	28.89	3800	JN
13.	unknown	29.37	1100	J
14.	unknown	29.50	1300	J

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-192

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4474 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4474.18

Sample wt/vol: 11.22 (g/ml) G Lab File ID: BN03294.D

Level: (low/med) LOW Date Received: 5/11/99

% Moisture: 9.89 decanted:(Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/20/99

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	990	U
62-75-9	N-nitroso-dimethylamine	990	U
62-53-3	Aniline	990	U
108-95-2	Phenol	990	U
111-44-4	bis(2-Chloroethyl)ether	990	U
95-57-8	2-Chlorophenol	990	U
541-73-1	1,3-Dichlorobenzene	990	U
106-46-7	1,4-Dichlorobenzene	990	U
100-51-6	Benzyl alcohol	990	U
95-50-1	1,2-Dichlorobenzene	990	U
	2-Methylphenol	990	U
108-60-1	bis(2-chloroisopropyl)ether	990	U
	4-Methylphenol	990	U
621-64-7	n-Nitroso-di-n-propylamine	990	U
67-72-1	Hexachloroethane	990	U
98-95-3	Nitrobenzene	990	U
78-59-1	Isophorone	990	U
88-75-5	2-Nitrophenol	990	U
105-67-9	2,4-Dimethylphenol	990	U
111-91-1	bis(2-Chloroethoxy)methane	990	U
120-83-2	2,4-Dichlorophenol	990	U
65-85-0	Benzoic Acid	990	U
120-82-1	1,2,4-Trichlorobenzene	990	U
91-20-3	Naphthalene	990	U
106-47-8	4-Chloroaniline	990	U
87-68-3	Hexachlorobutadiene	990	U
59-50-7	4-Chloro-3-methylphenol	990	U
91-57-6	2-Methylnaphthalene	990	U
77-47-4	Hexachlorocyclopentadiene	990	U
88-06-2	2,4,6-Trichlorophenol	990	U
	2,4,5-Trichlorophenol	990	U
91-58-7	2-Chloronaphthalene	990	U
88-74-4	2-Nitroaniline	990	U
131-11-3	Dimethylphthalate	990	U
208-96-8	Acenaphthylene	990	U
606-20-2	2,6-Dinitrotoluene	990	U
99-09-2	3-Nitroaniline	990	U

1C

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-192

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4474 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4474.18

Sample wt/vol: 11.22 (g/ml) G Lab File ID: BN03294.D

Level: (low/med) LOW Date Received: 5/11/99

% Moisture: 9.89 decanted:(Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/20/99

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	990	U
51-28-5	2,4-Dinitrophenol	990	U
132-64-9	Dibenzofuran	990	U
100-02-7	4-Nitrophenol	990	U
121-14-2	2,4-Dinitrotoluene	990	U
84-66-2	Diethylphthalate	990	U
86-73-7	Fluorene	990	U
7005-72-3	4-Chlorophenyl-phenylether	990	U
100-01-6	4-Nitroaniline	990	U
534-52-1	4,6-Dinitro-2-methylphenol	990	U
86-30-6	n-Nitrosodiphenylamine	990	U
103-33-3	Azobenzene	990	U
101-55-3	4-Bromophenyl-phenylether	990	U
118-74-1	Hexachlorobenzene	990	U
87-86-5	Pentachlorophenol	990	U
85-01-8	Phenanthrene	990	U
120-12-7	Anthracene	990	U
84-74-2	Di-n-butylphthalate	610	JB
206-44-0	Fluoranthene	990	U
92-87-5	Benzidine	990	U
129-00-0	Pyrene	990	U
85-68-7	Butylbenzylphthalate	990	U
56-55-3	Benzo[a]anthracene	990	U
91-94-1	3,3'-Dichlorobenzidine	990	U
218-01-9	Chrysene	990	U
117-81-7	bis(2-Ethylhexyl)phthalate	990	U
117-84-0	Di-n-octylphthalate	990	U
205-99-2	Benzo[b]fluoranthene	990	U
207-08-9	Benzo[k]fluoranthene	990	U
50-32-8	Benzo[a]pyrene	990	U
193-39-5	Indeno[1,2,3-cd]pyrene	990	U
53-70-3	Dibenz[a,h]anthracene	990	U
191-24-2	Benzo[g,h,i]perylene	990	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-192

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4474 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4474.18

Sample wt/vol: 11.22 (g/ml) G Lab File ID: BN03294.D

Level: (low/med) LOW Date Received: 5/11/99

% Moisture: 9.89 decanted: (Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/20/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 12 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	18.34	2000	JN
2. 000112-92-5	1-Octadecanol	23.76	5700	JN
3. 006624-79-9	1-Dotriacontanol	25.26	1100	JN
4. 002765-11-9	Pentadecanal-	26.26	500	JN
5. 000630-07-9	Pentatriacontane	26.65	1400	JN
6. 000629-80-1	Hexadecanal	27.60	660	JN
7. 000638-68-6	Triacontane	27.94	1600	JN
8.	unknown	28.00	1500	J
9.	unknown	28.64	440	J
10.	unknown	28.86	800	J
11. 001653-33-4	4-Tetradecanol	29.24	670	JN
12.	unknown	30.14	440	J

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-193

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4474 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4474.20

Sample wt/vol: 10.97 (g/ml) G Lab File ID: BN03295.D

Level: (low/med) LOW Date Received: 5/11/99

% Moisture: 9.02 decanted:(Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/20/99

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	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

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-193

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4474 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4474.20

Sample wt/vol: 10.97 (g/ml) G Lab File ID: BN03295.D

Level: (low/med) LOW Date Received: 5/11/99

% Moisture: 9.02 decanted:(Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/20/99

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	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	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	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.

B-193

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4474 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4474.20

Sample wt/vol: 10.97 (g/ml) G Lab File ID: BN03295.D

Level: (low/med) LOW Date Received: 5/11/99

% Moisture: 9.02 decanted: (Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/20/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 8 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	16.88	1800	J
2.	unknown	17.01	1200	J
3. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.34	2400	JN
4. 001599-67-3	1-Docosene	23.76	6000	JN
5. 006624-79-9	1-Dotriacontanol	25.26	720	JN
6. 000629-96-9	1-Eicosanol	27.99	1400	JN
7.	unknown	28.63	420	J
8. 019047-85-9	Phosphonic acid, dioctadecyl este	29.23	490	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-194

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4474 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4474.22

Sample wt/vol: 11.32 (g/ml) G Lab File ID: BN03296.D

Level: (low/med) LOW Date Received: 5/11/99

% Moisture: 4.97 decanted:(Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/20/99

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	930	U
62-75-9	N-nitroso-dimethylamine	930	U
62-53-3	Aniline	930	U
108-95-2	Phenol	930	U
111-44-4	bis(2-Chloroethyl)ether	930	U
95-57-8	2-Chlorophenol	930	U
541-73-1	1,3-Dichlorobenzene	930	U
106-46-7	1,4-Dichlorobenzene	930	U
100-51-6	Benzyl alcohol	930	U
95-50-1	1,2-Dichlorobenzene	930	U
	2-Methylphenol	930	U
108-60-1	bis(2-chloroisopropyl)ether	930	U
	4-Methylphenol	930	U
621-64-7	n-Nitroso-di-n-propylamine	930	U
67-72-1	Hexachloroethane	930	U
98-95-3	Nitrobenzene	930	U
78-59-1	Isophorone	930	U
88-75-5	2-Nitrophenol	930	U
105-67-9	2,4-Dimethylphenol	930	U
111-91-1	bis(2-Chloroethoxy)methane	930	U
120-83-2	2,4-Dichlorophenol	930	U
65-85-0	Benzoic Acid	930	U
120-82-1	1,2,4-Trichlorobenzene	930	U
91-20-3	Naphthalene	930	U
106-47-8	4-Chloroaniline	930	U
87-68-3	Hexachlorobutadiene	930	U
59-50-7	4-Chloro-3-methylphenol	930	U
91-57-6	2-Methylnaphthalene	930	U
77-47-4	Hexachlorocyclopentadiene	930	U
88-06-2	2,4,6-Trichlorophenol	930	U
	2,4,5-Trichlorophenol	930	U
91-58-7	2-Chloronaphthalene	930	U
88-74-4	2-Nitroaniline	930	U
131-11-3	Dimethylphthalate	930	U
208-96-8	Acenaphthylene	930	U
606-20-2	2,6-Dinitrotoluene	930	U
99-09-2	3-Nitroaniline	930	U

1C

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-194

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4474 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4474.22

Sample wt/vol: 11.32 (g/ml) G Lab File ID: BN03296.D

Level: (low/med) LOW Date Received: 5/11/99

% Moisture: 4.97 decanted:(Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/20/99

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	930	U
51-28-5	2,4-Dinitrophenol	930	U
132-64-9	Dibenzofuran	930	U
100-02-7	4-Nitrophenol	930	U
121-14-2	2,4-Dinitrotoluene	930	U
84-66-2	Diethylphthalate	95	J
86-73-7	Fluorene	930	U
7005-72-3	4-Chlorophenyl-phenylether	930	U
100-01-6	4-Nitroaniline	930	U
534-52-1	4,6-Dinitro-2-methylphenol	930	U
86-30-6	n-Nitrosodiphenylamine	930	U
103-33-3	Azobenzene	930	U
101-55-3	4-Bromophenyl-phenylether	930	U
118-74-1	Hexachlorobenzene	930	U
87-86-5	Pentachlorophenol	930	U
85-01-8	Phenanthrene	930	U
120-12-7	Anthracene	930	U
84-74-2	Di-n-butylphthalate	610	JB
206-44-0	Fluoranthene	930	U
92-87-5	Benzidine	930	U
129-00-0	Pyrene	930	U
85-68-7	Butylbenzylphthalate	930	U
56-55-3	Benzo[a]anthracene	930	U
91-94-1	3,3'-Dichlorobenzidine	930	U
218-01-9	Chrysene	930	U
117-81-7	bis(2-Ethylhexyl)phthalate	930	U
117-84-0	Di-n-octylphthalate	930	U
205-99-2	Benzo[b]fluoranthene	930	U
207-08-9	Benzo[k]fluoranthene	930	U
50-32-8	Benzo[a]pyrene	930	U
193-39-5	Indeno[1,2,3-cd]pyrene	930	U
53-70-3	Dibenz[a,h]anthracene	930	U
191-24-2	Benzo[g,h,i]perylene	930	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-194

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4474 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4474.22

Sample wt/vol: 11.32 (g/ml) G Lab File ID: BN03296.D

Level: (low/med) LOW Date Received: 5/11/99

% Moisture: 4.97 decanted: (Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/20/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 17 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	18.34	1300	JN
2. 001599-67-3	1-Docosene	23.76	6500	JN
3. 055162-61-3	Tetracontane, 3,5,24-trimethyl-	25.26	1600	JN
4.	unknown	25.97	380	J
5. 002765-11-9	Pentadecanal-	26.26	1900	JN
6. 006971-40-0	17-Pentatriacontene	26.68	5600	JN
7.	unknown	26.93	390	J
8. 000629-80-1	Hexadecanal	27.61	5800	JN
9. 000630-06-8	Hexatriacontane	27.95	1900	JN
10. 000629-96-9	1-Eicosanol	28.01	3700	JN
11.	unknown	28.63	410	J
12. 000124-25-4	Tetradecanal	28.86	1000	JN
13. 000506-52-5	1-Hexacosanol	29.24	920	JN
14.	unknown	29.47	1100	J
15.	unknown	29.89	480	J
16.	unknown	30.06	440	J
17.	unknown	30.47	2100	J

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-195

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4474 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4474.24

Sample wt/vol: 11.17 (g/ml) G Lab File ID: BN03297.D

Level: (low/med) LOW Date Received: 5/11/99

% Moisture: 9.7 decanted:(Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/20/99

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	990	U
62-75-9	N-nitroso-dimethylamine	990	U
62-53-3	Aniline	990	U
108-95-2	Phenol	990	U
111-44-4	bis(2-Chloroethyl)ether	990	U
95-57-8	2-Chlorophenol	990	U
541-73-1	1,3-Dichlorobenzene	990	U
106-46-7	1,4-Dichlorobenzene	990	U
100-51-6	Benzyl alcohol	990	U
95-50-1	1,2-Dichlorobenzene	990	U
	2-Methylphenol	990	U
108-60-1	bis(2-chloroisopropyl)ether	990	U
	4-Methylphenol	990	U
621-64-7	n-Nitroso-di-n-propylamine	990	U
67-72-1	Hexachloroethane	990	U
98-95-3	Nitrobenzene	990	U
78-59-1	Isophorone	990	U
88-75-5	2-Nitrophenol	990	U
105-67-9	2,4-Dimethylphenol	990	U
111-91-1	bis(2-Chloroethoxy)methane	990	U
120-83-2	2,4-Dichlorophenol	990	U
65-85-0	Benzoic Acid	990	U
120-82-1	1,2,4-Trichlorobenzene	990	U
91-20-3	Naphthalene	990	U
106-47-8	4-Chloroaniline	990	U
87-68-3	Hexachlorobutadiene	990	U
59-50-7	4-Chloro-3-methylphenol	990	U
91-57-6	2-Methylnaphthalene	990	U
77-47-4	Hexachlorocyclopentadiene	990	U
88-06-2	2,4,6-Trichlorophenol	990	U
	2,4,5-Trichlorophenol	990	U
91-58-7	2-Chloronaphthalene	990	U
88-74-4	2-Nitroaniline	990	U
131-11-3	Dimethylphthalate	990	U
208-96-8	Acenaphthylene	990	U
606-20-2	2,6-Dinitrotoluene	990	U
99-09-2	3-Nitroaniline	990	U

1C

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-195

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4474 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4474.24

Sample wt/vol: 11.17 (g/ml) G Lab File ID: BN03297.D

Level: (low/med) LOW Date Received: 5/11/99

% Moisture: 9.7 decanted:(Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/20/99

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	990	U
51-28-5	2,4-Dinitrophenol	990	U
132-64-9	Dibenzofuran	990	U
100-02-7	4-Nitrophenol	990	U
121-14-2	2,4-Dinitrotoluene	990	U
84-66-2	Diethylphthalate	990	U
86-73-7	Fluorene	990	U
7005-72-3	4-Chlorophenyl-phenylether	990	U
100-01-6	4-Nitroaniline	990	U
534-52-1	4,6-Dinitro-2-methylphenol	990	U
86-30-6	n-Nitrosodiphenylamine	990	U
103-33-3	Azobenzene	990	U
101-55-3	4-Bromophenyl-phenylether	990	U
118-74-1	Hexachlorobenzene	990	U
87-86-5	Pentachlorophenol	990	U
85-01-8	Phenanthrene	990	U
120-12-7	Anthracene	990	U
84-74-2	Di-n-butylphthalate	550	JB
206-44-0	Fluoranthene	990	U
92-87-5	Benzidine	990	U
129-00-0	Pyrene	990	U
85-68-7	Butylbenzylphthalate	990	U
56-55-3	Benzo[a]anthracene	990	U
91-94-1	3,3'-Dichlorobenzidine	990	U
218-01-9	Chrysene	990	U
117-81-7	bis(2-Ethylhexyl)phthalate	990	U
117-84-0	Di-n-octylphthalate	990	U
205-99-2	Benzo[b]fluoranthene	990	U
207-08-9	Benzo[k]fluoranthene	990	U
50-32-8	Benzo[a]pyrene	990	U
193-39-5	Indeno[1,2,3-cd]pyrene	990	U
53-70-3	Dibenz[a,h]anthracene	990	U
191-24-2	Benzo[g,h,i]perylene	990	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-195

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4474 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4474.24

Sample wt/vol: 11.17 (g/ml) G Lab File ID: BN03297.D

Level: (low/med) LOW Date Received: 5/11/99

% Moisture: 9.7 decanted: (Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/20/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 8 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000100-52-7	Benzaldehyde	6.29	980	JN
2. 074367-34-3	Propanoic acid, 2-methyl-, 3-hydr	12.68	410	JN
3. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.34	2100	JN
4. 001599-67-3	1-Docosene	23.75	5700	JN
5.	unknown	25.26	800	J
6. 000629-96-9	1-Eicosanol	28.00	1400	JN
7.	unknown	28.63	440	J
8. 000506-51-4	1-Tetracosanol	29.23	490	JN

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-196

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4481 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4481.02

Sample wt/vol: 12.4 (g/ml) G Lab File ID: BN03348.D

Level: (low/med) LOW Date Received: 5/13/99

% Moisture: 9.99 decanted:(Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/25/99

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	900	U
62-75-9	N-nitroso-dimethylamine	900	U
62-53-3	Aniline	900	U
108-95-2	Phenol	900	U
111-44-4	bis(2-Chloroethyl)ether	900	U
95-57-8	2-Chlorophenol	900	U
541-73-1	1,3-Dichlorobenzene	900	U
106-46-7	1,4-Dichlorobenzene	900	U
100-51-6	Benzyl alcohol	900	U
95-50-1	1,2-Dichlorobenzene	900	U
95-48-7	2-Methylphenol	900	U
108-60-1	bis(2-chloroisopropyl)ether	900	U
106-44-5	4-Methylphenol	900	U
621-64-7	n-Nitroso-di-n-propylamine	900	U
67-72-1	Hexachloroethane	900	U
98-95-3	Nitrobenzene	900	U
78-59-1	Isophorone	900	U
88-75-5	2-Nitrophenol	900	U
105-67-9	2,4-Dimethylphenol	900	U
111-91-1	bis(2-Chloroethoxy)methane	900	U
120-83-2	2,4-Dichlorophenol	900	U
65-85-0	Benzoic Acid	900	U
120-82-1	1,2,4-Trichlorobenzene	900	U
91-20-3	Naphthalene	900	U
106-47-8	4-Chloroaniline	900	U
87-68-3	Hexachlorobutadiene	900	U
59-50-7	4-Chloro-3-methylphenol	900	U
91-57-6	2-Methylnaphthalene	900	U
77-47-4	Hexachlorocyclopentadiene	900	U
88-06-2	2,4,6-Trichlorophenol	900	U
95-95-4	2,4,5-Trichlorophenol	900	U
91-58-7	2-Chloronaphthalene	900	U
88-74-4	2-Nitroaniline	900	U
131-11-3	Dimethylphthalate	900	U
208-96-8	Acenaphthylene	900	U
606-20-2	2,6-Dinitrotoluene	900	U
99-09-2	3-Nitroaniline	900	U

1C

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-196

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4481 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4481.02

Sample wt/vol: 12.4 (g/ml) G Lab File ID: BN03348.D

Level: (low/med) LOW Date Received: 5/13/99

% Moisture: 9.99 decanted:(Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/25/99

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	900	U
51-28-5	2,4-Dinitrophenol	900	U
132-64-9	Dibenzofuran	900	U
100-02-7	4-Nitrophenol	900	U
121-14-2	2,4-Dinitrotoluene	900	U
84-66-2	Diethylphthalate	900	U
86-73-7	Fluorene	900	U
7005-72-3	4-Chlorophenyl-phenylether	900	U
100-01-6	4-Nitroaniline	900	U
534-52-1	4,6-Dinitro-2-methylphenol	900	U
86-30-6	n-Nitrosodiphenylamine	900	U
103-33-3	Azobenzene	900	U
101-55-3	4-Bromophenyl-phenylether	900	U
118-74-1	Hexachlorobenzene	900	U
87-86-5	Pentachlorophenol	900	U
85-01-8	Phenanthrene	900	U
120-12-7	Anthracene	900	U
84-74-2	Di-n-butylphthalate	240	JB
206-44-0	Fluoranthene	900	U
92-87-5	Benzidine	900	U
129-00-0	Pyrene	900	U
85-68-7	Butylbenzylphthalate	900	U
56-55-3	Benzo[a]anthracene	900	U
91-94-1	3,3'-Dichlorobenzidine	900	U
218-01-9	Chrysene	900	U
117-81-7	bis(2-Ethylhexyl)phthalate	900	U
117-84-0	Di-n-octylphthalate	900	U
205-99-2	Benzo[b]fluoranthene	900	U
207-08-9	Benzo[k]fluoranthene	900	U
50-32-8	Benzo[a]pyrene	900	U
193-39-5	Indeno[1,2,3-cd]pyrene	900	U
53-70-3	Dibenz[a,h]anthracene	900	U
191-24-2	Benzo[g,h,i]perylene	900	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

B-196

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4481 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4481.02

Sample wt/vol: 12.4 (g/ml) G Lab File ID: BN03348.D

Level: (low/med) LOW Date Received: 5/13/99

% Moisture: 9.99 decanted: (Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/25/99

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. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.33	590	JN
2. 001599-67-3	1-Docosene	23.76	3600	JN
3. 002461-18-9	Oxirane, [(dodecyloxy)methyl]-	25.26	830	JN
4. 000124-25-4	Tetradecanal	26.26	530	JN
5. 000630-06-8	Hexatriacontane	26.65	780	JN
6. 002765-11-9	Pentadecanal-	27.60	1200	JN
7. 000630-02-4	Octacosane	27.94	760	JN
8. 001454-85-9	1-Heptadecanol	28.00	760	JN
9.	unknown	28.64	630	J
10.	unknown	28.87	450	J
11.	unknown	28.97	1200	J

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-197

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4481 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4481.04

Sample wt/vol: 11.63 (g/ml) G Lab File ID: BN03328.D

Level: (low/med) LOW Date Received: 5/13/99

% Moisture: 12.71 decanted:(Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/24/99

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	990	U
62-75-9	N-nitroso-dimethylamine	990	U
62-53-3	Aniline	990	U
108-95-2	Phenol	990	U
111-44-4	bis(2-Chloroethyl)ether	990	U
95-57-8	2-Chlorophenol	990	U
541-73-1	1,3-Dichlorobenzene	990	U
106-46-7	1,4-Dichlorobenzene	990	U
100-51-6	Benzyl alcohol	990	U
95-50-1	1,2-Dichlorobenzene	990	U
95-48-7	2-Methylphenol	990	U
108-60-1	bis(2-chloroisopropyl)ether	990	U
106-44-5	4-Methylphenol	990	U
621-64-7	n-Nitroso-di-n-propylamine	990	U
67-72-1	Hexachloroethane	990	U
98-95-3	Nitrobenzene	990	U
78-59-1	Isophorone	990	U
88-75-5	2-Nitrophenol	990	U
105-67-9	2,4-Dimethylphenol	990	U
111-91-1	bis(2-Chloroethoxy)methane	990	U
120-83-2	2,4-Dichlorophenol	990	U
65-85-0	Benzoic Acid	990	U
120-82-1	1,2,4-Trichlorobenzene	990	U
91-20-3	Naphthalene	990	U
106-47-8	4-Chloroaniline	990	U
87-68-3	Hexachlorobutadiene	990	U
59-50-7	4-Chloro-3-methylphenol	990	U
91-57-6	2-Methylnaphthalene	990	U
77-47-4	Hexachlorocyclopentadiene	990	U
88-06-2	2,4,6-Trichlorophenol	990	U
95-95-4	2,4,5-Trichlorophenol	990	U
91-58-7	2-Chloronaphthalene	990	U
88-74-4	2-Nitroaniline	990	U
131-11-3	Dimethylphthalate	990	U
208-96-8	Acenaphthylene	990	U
606-20-2	2,6-Dinitrotoluene	990	U
99-09-2	3-Nitroaniline	990	U

1C

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-197

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4481 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4481.04

Sample wt/vol: 11.63 (g/ml) G Lab File ID: BN03328.D

Level: (low/med) LOW Date Received: 5/13/99

% Moisture: 12.71 decanted:(Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/24/99

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	990	U
51-28-5	2,4-Dinitrophenol	990	U
132-64-9	Dibenzofuran	990	U
100-02-7	4-Nitrophenol	990	U
121-14-2	2,4-Dinitrotoluene	990	U
84-66-2	Diethylphthalate	990	U
86-73-7	Fluorene	990	U
7005-72-3	4-Chlorophenyl-phenylether	990	U
100-01-6	4-Nitroaniline	990	U
534-52-1	4,6-Dinitro-2-methylphenol	990	U
86-30-6	n-Nitrosodiphenylamine	990	U
103-33-3	Azobenzene	990	U
101-55-3	4-Bromophenyl-phenylether	990	U
118-74-1	Hexachlorobenzene	990	U
87-86-5	Pentachlorophenol	990	U
85-01-8	Phenanthrene	990	U
120-12-7	Anthracene	990	U
84-74-2	Di-n-butylphthalate	990	U
206-44-0	Fluoranthene	990	U
92-87-5	Benzidine	990	U
129-00-0	Pyrene	990	U
85-68-7	Butylbenzylphthalate	990	U
56-55-3	Benzo[a]anthracene	990	U
91-94-1	3,3'-Dichlorobenzidine	990	U
218-01-9	Chrysene	990	U
117-81-7	bis(2-Ethylhexyl)phthalate	990	U
117-84-0	Di-n-octylphthalate	990	U
205-99-2	Benzo[b]fluoranthene	990	U
207-08-9	Benzo[k]fluoranthene	990	U
50-32-8	Benzo[a]pyrene	990	U
193-39-5	Indeno[1,2,3-cd]pyrene	990	U
53-70-3	Dibenz[a,h]anthracene	990	U
191-24-2	Benzo[g,h,i]perylene	990	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

B-197

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4481 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4481.04

Sample wt/vol: 11.63 (g/ml) G Lab File ID: BN03328.D

Level: (low/med) LOW Date Received: 5/13/99

% Moisture: 12.71 decanted: (Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/24/99

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. 018435-45-5	1-Nonadecene	23.75	4500	JN
2. 036653-82-4	1-Hexadecanol	25.26	500	JN
3. 000112-92-5	1-Octadecanol	27.99	530	JN
4.	unknown	28.63	510	J

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-198

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4481 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4481.06

Sample wt/vol: 12.1 (g/ml) G Lab File ID: BN03329.D

Level: (low/med) LOW Date Received: 5/13/99

% Moisture: 15.76 decanted:(Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/24/99

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	980	U
62-75-9	N-nitroso-dimethylamine	980	U
62-53-3	Aniline	980	U
108-95-2	Phenol	980	U
111-44-4	bis(2-Chloroethyl)ether	980	U
95-57-8	2-Chlorophenol	980	U
541-73-1	1,3-Dichlorobenzene	980	U
106-46-7	1,4-Dichlorobenzene	980	U
100-51-6	Benzyl alcohol	980	U
95-50-1	1,2-Dichlorobenzene	980	U
95-48-7	2-Methylphenol	980	U
108-60-1	bis(2-chloroisopropyl)ether	980	U
106-44-5	4-Methylphenol	980	U
621-64-7	n-Nitroso-di-n-propylamine	980	U
67-72-1	Hexachloroethane	980	U
98-95-3	Nitrobenzene	980	U
78-59-1	Isophorone	980	U
88-75-5	2-Nitrophenol	980	U
105-67-9	2,4-Dimethylphenol	980	U
111-91-1	bis(2-Chloroethoxy)methane	980	U
120-83-2	2,4-Dichlorophenol	980	U
65-85-0	Benzoic Acid	980	U
120-82-1	1,2,4-Trichlorobenzene	980	U
91-20-3	Naphthalene	980	U
106-47-8	4-Chloroaniline	980	U
87-68-3	Hexachlorobutadiene	980	U
59-50-7	4-Chloro-3-methylphenol	980	U
91-57-6	2-Methylnaphthalene	980	U
77-47-4	Hexachlorocyclopentadiene	980	U
88-06-2	2,4,6-Trichlorophenol	980	U
95-95-4	2,4,5-Trichlorophenol	980	U
91-58-7	2-Chloronaphthalene	980	U
88-74-4	2-Nitroaniline	980	U
131-11-3	Dimethylphthalate	980	U
208-96-8	Acenaphthylene	980	U
606-20-2	2,6-Dinitrotoluene	980	U
99-09-2	3-Nitroaniline	980	U

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-198

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4481 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4481.06

Sample wt/vol: 12.1 (g/ml) G Lab File ID: BN03329.D

Level: (low/med) LOW Date Received: 5/13/99

% Moisture: 15.76 decanted:(Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/24/99

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	980	U
51-28-5	2,4-Dinitrophenol	980	U
132-64-9	Dibenzofuran	980	U
100-02-7	4-Nitrophenol	980	U
121-14-2	2,4-Dinitrotoluene	980	U
84-66-2	Diethylphthalate	980	U
86-73-7	Fluorene	980	U
7005-72-3	4-Chlorophenyl-phenylether	980	U
100-01-6	4-Nitroaniline	980	U
534-52-1	4,6-Dinitro-2-methylphenol	980	U
86-30-6	n-Nitrosodiphenylamine	980	U
103-33-3	Azobenzene	980	U
101-55-3	4-Bromophenyl-phenylether	980	U
118-74-1	Hexachlorobenzene	980	U
87-86-5	Pentachlorophenol	980	U
85-01-8	Phenanthrene	190	J
120-12-7	Anthracene	980	U
84-74-2	Di-n-butylphthalate	100	JB
206-44-0	Fluoranthene	270	J
92-87-5	Benzidine	980	U
129-00-0	Pyrene	230	J
85-68-7	Butylbenzylphthalate	980	U
56-55-3	Benzo[a]anthracene	130	J
91-94-1	3,3'-Dichlorobenzidine	980	U
218-01-9	Chrysene	250	J
117-81-7	bis(2-Ethylhexyl)phthalate	980	U
117-84-0	Di-n-octylphthalate	980	U
205-99-2	Benzo[b]fluoranthene	120	J
207-08-9	Benzo[k]fluoranthene	100	J
50-32-8	Benzo[a]pyrene	110	J
193-39-5	Indeno[1,2,3-cd]pyrene	980	U
53-70-3	Dibenz[a,h]anthracene	980	U
191-24-2	Benzo[g,h,i]perylene	980	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

B-198

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4481 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4481.06

Sample wt/vol: 12.1 (g/ml) G Lab File ID: BN03329.D

Level: (low/med) LOW Date Received: 5/13/99

% Moisture: 15.76 decanted: (Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/24/99

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	23.75	4600	JN
2. 002461-18-9	Oxirane, [(dodecyloxy)methyl]-	25.26	1100	JN
3. 000544-85-4	Dotriacontane	27.94	670	JN
4. 001599-67-3	1-Docosene	28.00	850	JN
5.	unknown	28.63	770	J
6. 007390-81-0	Oxirane, hexadecyl-	28.86	450	JN

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-199

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4481 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4481.08

Sample wt/vol: 10.78 (g/ml) G Lab File ID: BN03350.D

Level: (low/med) LOW Date Received: 5/13/99

% Moisture: 16.44 decanted:(Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/25/99

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
95-48-7	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
106-44-5	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	210	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	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
95-95-4	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

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-199

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4481 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4481.08

Sample wt/vol: 10.78 (g/ml) G Lab File ID: BN03350.D

Level: (low/med) LOW Date Received: 5/13/99

% Moisture: 16.44 decanted:(Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/25/99

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	760	J
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	220	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	550	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	5900	
120-12-7	Anthracene	1400	
84-74-2	Di-n-butylphthalate	160	JB
206-44-0	Fluoranthene	9300	
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	7300	
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	3900	
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	6900	
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	3900	
207-08-9	Benzo[k]fluoranthene	2200	
50-32-8	Benzo[a]pyrene	3900	
193-39-5	Indeno[1,2,3-cd]pyrene	2100	
53-70-3	Dibenz[a,h]anthracene	1200	
191-24-2	Benzo[g,h,i]perylene	1900	

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

B-199

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4481 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4481.08

Sample wt/vol: 10.78 (g/ml) G Lab File ID: BN03350.D

Level: (low/med) LOW Date Received: 5/13/99

% Moisture: 16.44 decanted: (Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/25/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 21 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000086-74-8	Carbazole	18.12	540	JN
2. 000613-12-7	Anthracene, 2-methyl-	18.66	590	JN
3. 000832-69-9	Phenanthrene, 1-methyl-	18.73	680	JN
4. 000203-64-5	4H-Cyclopenta[def]phenanthrene	18.89	1400	JN
5. 035465-71-5	2-Phenylnaphthalene	19.41	580	JN
6. 000084-65-1	9,10-Anthracenedione	19.45	640	JN
7. 005737-13-3	Cyclopenta(def)phenanthrenone	20.17	460	JN
8. 000238-84-6	11H-Benzo[a]fluorene	21.64	1000	JN
9. 000243-17-4	11H-Benzo[b]fluorene	21.79	800	JN
10. 003442-78-2	Pyrene, 2-methyl-	21.85	450	JN
11.	unknown	23.14	1000	J
12. 000225-11-6	Benzo(A)acridine	23.24	600	JN
13.	unknown	23.89	850	J
14. 003351-32-4	2-Methylchrysene	24.61	580	JN
15. 006971-40-0	17-Pentatriacontene	25.27	870	JN
16. 000205-82-3	Benzo[j]fluoranthene	26.23	940	JN
17. 000198-55-0	Perylene	26.58	2600	JN
18.	unknown	27.61	670	J
19.	unknown	28.57	670	J
20.	unknown	28.64	660	J
21. 056554-87-1	16-Octadecenal	28.87	500	JN

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-200

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4481 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4481.10

Sample wt/vol: 10.31 (g/ml) G Lab File ID: BN03351.D

Level: (low/med) LOW Date Received: 5/13/99

% Moisture: 11.08 decanted:(Y/N) N Date Extracted: 5/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/25/99

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
95-48-7	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
106-44-5	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
95-95-4	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

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-200

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4481 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4481.10

Sample wt/vol: 10.31 (g/ml) G Lab File ID: BN03351.D

Level: (low/med) LOW Date Received: 5/13/99

% Moisture: 11.08 decanted:(Y/N) N Date Extracted: 5/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/25/99

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	260	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

EPA SAMPLE NO.

B-200

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4481 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4481.10

Sample wt/vol: 10.31 (g/ml) G Lab File ID: BN03351.D

Level: (low/med) LOW Date Received: 5/13/99

% Moisture: 11.08 decanted: (Y/N) N Date Extracted: 5/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/25/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 7 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000085-69-8	1,2-Benzenedicarboxylic acid, but	18.33	480	JN
2.	unknown	22.12	500	J
3. 019047-85-9	Phosphonic acid, dioctadecyl este	23.77	7700	JN
4. 002136-70-1	Ethanol, 2-(tetradecyloxy)-	24.54	510	JN
5. 006971-40-0	17-Pentatriacontene	25.28	1700	JN
6.	unknown	26.28	840	J
7.	unknown	28.65	1200	J

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-201

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4481 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4481.14

Sample wt/vol: 10.43 (g/ml) G Lab File ID: BN03335.D

Level: (low/med) LOW Date Received: 5/13/99

% Moisture: 7.69 decanted:(Y/N) N Date Extracted: 5/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/24/99

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	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
95-48-7	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
106-44-5	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
95-95-4	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

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-201

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4481 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4481.14

Sample wt/vol: 10.43 (g/ml) G Lab File ID: BN03335.D

Level: (low/med) LOW Date Received: 5/13/99

% Moisture: 7.69 decanted:(Y/N) N Date Extracted: 5/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/24/99

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	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	170	JB
206-44-0	Fluoranthene	320	J
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	270	J
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	190	J
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	350	J
117-81-7	bis(2-Ethylhexyl)phthalate	1000	U
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	220	J
207-08-9	Benzo[k]fluoranthene	150	J
50-32-8	Benzo[a]pyrene	200	J
193-39-5	Indeno[1,2,3-cd]pyrene	120	J
53-70-3	Dibenz[a,h]anthracene	1000	U
191-24-2	Benzo[g,h,i]perylene	1000	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

B-201

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4481 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4481.14

Sample wt/vol: 10.43 (g/ml) G Lab File ID: BN03335.D

Level: (low/med) LOW Date Received: 5/13/99

% Moisture: 7.69 decanted: (Y/N) N Date Extracted: 5/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/24/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 6 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.33	490	JN
2. 000629-96-9	1-Eicosanol	23.77	6900	JN
3. 000506-52-5	1-Hexacosanol	24.53	450	JN
4. 000930-02-9	Octadecane, 1-(ethenyloxy)-	25.28	1100	JN
5.	unknown	28.01	600	J
6.	unknown	28.65	1200	J

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-202

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4481 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4481.16

Sample wt/vol: 10.72 (g/ml) G Lab File ID: BN03347.D

Level: (low/med) LOW Date Received: 5/13/99

% Moisture: 16.72 decanted:(Y/N) N Date Extracted: 5/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/25/99

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
95-48-7	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
106-44-5	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
95-95-4	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

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-202

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4481 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4481.16

Sample wt/vol: 10.72 (g/ml) G Lab File ID: BN03347.D

Level: (low/med) LOW Date Received: 5/13/99

% Moisture: 16.72 decanted:(Y/N) N Date Extracted: 5/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/25/99

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	360	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	630	JB
206-44-0	Fluoranthene	530	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	430	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	240	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	430	J
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	190	J
207-08-9	Benzo[k]fluoranthene	190	J
50-32-8	Benzo[a]pyrene	200	J
193-39-5	Indeno[1,2,3-cd]pyrene	140	J
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

EPA SAMPLE NO.

B-202

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4481 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4481.16

Sample wt/vol: 10.72 (g/ml) G Lab File ID: BN03347.D

Level: (low/med) LOW Date Received: 5/13/99

% Moisture: 16.72 decanted: (Y/N) N Date Extracted: 5/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/25/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 12 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.33	1800	JN
2.	unknown	22.11	530	J
3. 001599-67-3	1-Docosene	23.76	7200	JN
4. 006971-40-0	17-Pentatriacontene	25.27	1600	JN
5. 056554-87-1	16-Octadecenal	26.26	1900	JN
6. 000506-52-5	1-Hexacosanol	26.69	3200	JN
7. 000638-66-4	Octadecanal	27.60	900	JN
8. 000630-03-5	Nonacosane	27.95	1200	JN
9. 001454-84-8	1-Nonadecanol	28.01	1400	JN
10.	unknown	28.64	1000	J
11. 000629-80-1	Hexadecanal	28.86	910	JN
12.	unknown	29.35	570	J

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-203

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4481 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4481.18

Sample wt/vol: 10.38 (g/ml) G Lab File ID: BN03330.D

Level: (low/med) LOW Date Received: 5/13/99

% Moisture: 15.99 decanted:(Y/N) N Date Extracted: 5/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/24/99

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
95-48-7	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
106-44-5	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
95-95-4	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

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-203

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4481 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4481.18

Sample wt/vol: 10.38 (g/ml) G Lab File ID: BN03330.D

Level: (low/med) LOW Date Received: 5/13/99

% Moisture: 15.99 decanted:(Y/N) N Date Extracted: 5/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/24/99

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	770	J
120-12-7	Anthracene	190	J
84-74-2	Di-n-butylphthalate	180	JB
206-44-0	Fluoranthene	1500	
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1200	
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	680	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1300	
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	500	J
207-08-9	Benzo[k]fluoranthene	510	J
50-32-8	Benzo[a]pyrene	580	J
193-39-5	Indeno[1,2,3-cd]pyrene	410	J
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	430	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

B-203

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4481 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4481.18

Sample wt/vol: 10.38 (g/ml) G Lab File ID: BN03330.D

Level: (low/med) LOW Date Received: 5/13/99

% Moisture: 15.99 decanted: (Y/N) N Date Extracted: 5/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/24/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 15 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 001002-84-2	Pentadecanoic acid	21.07	550	JN
2.	unknown	22.11	520	J
3. 000112-95-8	Eicosane	22.18	510	JN
4. 000629-96-9	1-Eicosanol	23.76	8100	JN
5. 006971-40-0	17-Pentatriacontene	24.53	540	JN
6. 000506-52-5	1-Hexacosanol	25.27	2900	JN
7. 000544-63-8	Tetradecanoic acid	25.83	1200	JN
8. 000638-66-4	Octadecanal	26.26	760	JN
9.	unknown	27.61	740	J
10. 000638-68-6	Triacontane	27.95	1400	JN
11. 001599-67-3	1-Docosene	28.01	1200	JN
12.	unknown	28.12	600	J
13.	unknown	28.64	1000	J
14. 007390-81-0	Oxirane, hexadecyl-	28.87	670	JN
15.	unknown	29.36	790	J

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-204

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4481 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4481.20

Sample wt/vol: 10.94 (g/ml) G Lab File ID: BN03352.D

Level: (low/med) LOW Date Received: 5/13/99

% Moisture: 15.2 decanted:(Y/N) N Date Extracted: 5/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/25/99

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
95-48-7	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
106-44-5	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
95-95-4	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

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-204

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4481 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4481.20

Sample wt/vol: 10.94 (g/ml) G Lab File ID: BN03352.D

Level: (low/med) LOW Date Received: 5/13/99

% Moisture: 15.2 decanted:(Y/N) N Date Extracted: 5/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/25/99

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	2000	
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	520	J
120-12-7	Anthracene	120	J
84-74-2	Di-n-butylphthalate	430	JB
206-44-0	Fluoranthene	800	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	720	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	410	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	750	J
117-81-7	bis(2-Ethylhexyl)phthalate	120	J
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	360	J
207-08-9	Benzo[k]fluoranthene	330	J
50-32-8	Benzo[a]pyrene	410	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	180	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

B-204

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4481 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4481.20

Sample wt/vol: 10.94 (g/ml) G Lab File ID: BN03352.D

Level: (low/med) LOW Date Received: 5/13/99

% Moisture: 15.2 decanted: (Y/N) N Date Extracted: 5/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/25/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 12 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	16.06	910	J
2. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.34	1200	JN
3. 000112-80-1	Oleic Acid	19.15	640	JN
4.	unknown	22.12	840	J
5. 000629-96-9	1-Eicosanol	23.77	6300	JN
6. 002461-18-9	Oxirane, [(dodecyloxy)methyl]-	25.28	2100	JN
7. 056554-87-1	16-Octadecenal	26.27	1200	JN
8. 056554-86-0	17-Octadecenal	27.62	1200	JN
9. 000544-76-3	Hexadecane	27.96	1500	JN
10. 000506-51-4	1-Tetracosanol	28.02	910	JN
11.	unknown	28.65	1100	J
12.	unknown	28.88	860	J

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-205

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4481 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4481.22

Sample wt/vol: 10.14 (g/ml) G Lab File ID: BN03346.D

Level: (low/med) LOW Date Received: 5/13/99

% Moisture: 12.97 decanted:(Y/N) N Date Extracted: 5/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/25/99

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
95-48-7	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
106-44-5	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
95-95-4	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

002373

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EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-205

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4481 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4481.22

Sample wt/vol: 10.14 (g/ml) G Lab File ID: BN03346.D

Level: (low/med) LOW Date Received: 5/13/99

% Moisture: 12.97 decanted:(Y/N) N Date Extracted: 5/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/25/99

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	210	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	120	JB
206-44-0	Fluoranthene	450	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	390	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	230	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	460	J
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	240	J
207-08-9	Benzo[k]fluoranthene	200	J
50-32-8	Benzo[a]pyrene	230	J
193-39-5	Indeno[1,2,3-cd]pyrene	170	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

EPA SAMPLE NO.

B-205

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4481 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4481.22

Sample wt/vol: 10.14 (g/ml) G Lab File ID: BN03346.D

Level: (low/med) LOW Date Received: 5/13/99

% Moisture: 12.97 decanted: (Y/N) N Date Extracted: 5/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/25/99

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. 000629-96-9	1-Eicosanol	23.77	6500	JN
2. 002461-18-9	Oxirane, [(dodecyloxy)methyl]-	25.27	1500	JN
3. 002765-11-9	Pentadecanal-	26.26	660	JN
4.	unknown	27.61	900	J
5. 000630-03-5	Nonacosane	27.95	1300	JN
6. 000629-96-9	1-Eicosanol	28.01	1200	JN
7. 007390-81-0	Oxirane, hexadecyl-	28.87	1000	JN

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-206

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4481 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4481.24

Sample wt/vol: 10.59 (g/ml) G Lab File ID: BN03331.D

Level: (low/med) LOW Date Received: 5/13/99

% Moisture: 10.51 decanted:(Y/N) N Date Extracted: 5/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/24/99

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
95-48-7	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
106-44-5	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
95-95-4	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

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-206

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4481 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4481.24

Sample wt/vol: 10.59 (g/ml) G Lab File ID: BN03331.D

Level: (low/med) LOW Date Received: 5/13/99

% Moisture: 10.51 decanted:(Y/N) N Date Extracted: 5/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/24/99

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	390	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	180	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

EPA SAMPLE NO.

B-206

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4481 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4481.24

Sample wt/vol: 10.59 (g/ml) G Lab File ID: BN03331.D

Level: (low/med) LOW Date Received: 5/13/99

% Moisture: 10.51 decanted: (Y/N) N Date Extracted: 5/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/24/99

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. 004889-83-2	Bicyclo[3.1.1]hept-2-ene, 3,6,6-tri	5.68	1200	JN
2. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.33	1100	JN
3. 019047-85-9	Phosphonic acid, dioctadecyl este	23.76	6500	JN
4. 006971-40-0	17-Pentatriacontene	25.26	1300	JN
5. 000629-78-7	Heptadecane	26.65	1100	JN
6. 000544-85-4	Dotriacontane	27.94	510	JN
7. 000629-96-9	1-Eicosanol	28.00	960	JN
8.	unknown	28.63	990	J
9.	unknown	28.86	460	J

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-207

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4481 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4481.26

Sample wt/vol: 10.48 (g/ml) G Lab File ID: BN03349.D

Level: (low/med) LOW Date Received: 5/13/99

% Moisture: 15.9 decanted:(Y/N) N Date Extracted: 5/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/25/99

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
95-48-7	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
106-44-5	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
95-95-4	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

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-207

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4481 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4481.26

Sample wt/vol: 10.48 (g/ml) G Lab File ID: BN03349.D

Level: (low/med) LOW Date Received: 5/13/99

% Moisture: 15.9 decanted:(Y/N) N Date Extracted: 5/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/25/99

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	490	J
120-12-7	Anthracene	130	J
84-74-2	Di-n-butylphthalate	370	JB
206-44-0	Fluoranthene	1200	
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1000	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	490	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	940	J
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	420	J
207-08-9	Benzo[k]fluoranthene	430	J
50-32-8	Benzo[a]pyrene	450	J
193-39-5	Indeno[1,2,3-cd]pyrene	260	J
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	270	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

B-207

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4481 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4481.26

Sample wt/vol: 10.48 (g/ml) G Lab File ID: BN03349.D

Level: (low/med) LOW Date Received: 5/13/99

% Moisture: 15.9 decanted: (Y/N) N Date Extracted: 5/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/25/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 14 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	18.34	1100	JN
2. 005599-71-3	9H-Carbazole, 3,6-dichloro-	22.12	720	JN
3.	unknown	23.27	470	J
4. 019047-85-9	Phosphonic acid, dioctadecyl este	23.77	8200	JN
5.	unknown	24.54	630	J
6. 002461-18-9	Oxirane, [(dodecyloxy)methyl]-	25.28	3500	JN
7. 002765-11-9	Pentadecanal-	26.27	1800	JN
8. 000638-66-4	Octadecanal	27.61	2000	JN
9. 014167-59-0	Tetratriacontane	27.96	2900	JN
10.	unknown	28.02	1000	J
11. 000629-80-1	Hexadecanal	28.88	2900	JN
12.	unknown	29.37	1100	J
13.	unknown	29.50	890	J
14. 000058-22-0	Testosterone	30.50	810	JN

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-208

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4484 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4484.02

Sample wt/vol: 10.35 (g/ml) G Lab File ID: BN03354.D

Level: (low/med) LOW Date Received: 5/14/99

% Moisture: 12.72 decanted:(Y/N) N Date Extracted: 5/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/25/99

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
95-48-7	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
106-44-5	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
95-95-4	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	270	J
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-208

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4484 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4484.02

Sample wt/vol: 10.35 (g/ml) G Lab File ID: BN03354.D

Level: (low/med) LOW Date Received: 5/14/99

% Moisture: 12.72 decanted:(Y/N) N Date Extracted: 5/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/25/99

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	130	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	1200	
120-12-7	Anthracene	480	J
84-74-2	Di-n-butylphthalate	340	JB
206-44-0	Fluoranthene	3000	
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	2300	
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1400	
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	2200	
117-81-7	bis(2-Ethylhexyl)phthalate	120	J
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1600	
207-08-9	Benzo[k]fluoranthene	1200	
50-32-8	Benzo[a]pyrene	1500	
193-39-5	Indeno[1,2,3-cd]pyrene	650	J
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	590	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

B-208

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4484 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4484.02

Sample wt/vol: 10.35 (g/ml) G Lab File ID: BN03354.D

Level: (low/med) LOW Date Received: 5/14/99

% Moisture: 12.72 decanted: (Y/N) N Date Extracted: 5/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/25/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 13 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	18.34	680	JN
2.	unknown	21.09	850	J
3. 000072-54-8	1,1-Dichloro-2,2-bis(p-chlorophen	22.12	1500	JN
4.	unknown	23.15	460	J
5. 002461-18-9	Oxirane, [(dodecyloxy)methyl]-	25.28	1700	JN
6. 056554-87-1	16-Octadecenal	26.27	620	JN
7.	unknown	26.46	470	J
8. 000192-97-2	Benzo[e]pyrene	26.56	1200	JN
9.	unknown	27.61	970	J
10. 000544-85-4	Dotriacontane	27.96	1700	JN
11. 074685-33-9	3-Eicosene, (E)-	28.02	940	JN
12.	unknown	28.65	1200	J
13. 000638-66-4	Octadecanal	28.88	500	JN

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-209

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4484 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4484.04

Sample wt/vol: 10.3 (g/ml) G Lab File ID: BN03375.D

Level: (low/med) LOW Date Received: 5/14/99

% Moisture: 10.82 decanted:(Y/N) N Date Extracted: 5/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/26/99

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
95-48-7	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
106-44-5	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
95-95-4	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

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-209

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4484 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4484.04

Sample wt/vol: 10.3 (g/ml) G Lab File ID: BN03375.D

Level: (low/med) LOW Date Received: 5/14/99

% Moisture: 10.82 decanted:(Y/N) N Date Extracted: 5/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/26/99

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	120	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	230	JB
206-44-0	Fluoranthene	320	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	340	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	200	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	400	J
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	320	J
207-08-9	Benzo[k]fluoranthene	310	J
50-32-8	Benzo[a]pyrene	330	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

EPA SAMPLE NO.

B-209

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4484 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4484.04

Sample wt/vol: 10.3 (g/ml) G Lab File ID: BN03375.D

Level: (low/med) LOW Date Received: 5/14/99

% Moisture: 10.82 decanted: (Y/N) N Date Extracted: 5/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/26/99

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. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.33	550	JN
2. 000629-96-9	1-Eicosanol	23.77	4300	JN
3. 006971-40-0	17-Pentatriacontene	25.28	1100	JN

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-210

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4484 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4484.06

Sample wt/vol: 10.06 (g/ml) G Lab File ID: BN03344.D

Level: (low/med) LOW Date Received: 5/14/99

% Moisture: 13.23 decanted:(Y/N) N Date Extracted: 5/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/25/99

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
95-48-7	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
106-44-5	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
95-95-4	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

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-210

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4484 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4484.06

Sample wt/vol: 10.06 (g/ml) G Lab File ID: BN03344.D

Level: (low/med) LOW Date Received: 5/14/99

% Moisture: 13.23 decanted:(Y/N) N Date Extracted: 5/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/25/99

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	110	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

EPA SAMPLE NO.

B-210

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4484 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4484.06

Sample wt/vol: 10.06 (g/ml) G Lab File ID: BN03344.D

Level: (low/med) LOW Date Received: 5/14/99

% Moisture: 13.23 decanted: (Y/N) N Date Extracted: 5/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/25/99

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. 001454-84-8	1-Nonadecanol	23.76	7600	JN
2. 000506-52-5	1-Hexacosanol	25.26	840	JN
3. 019047-85-9	Phosphonic acid, dioctadecyl este	27.99	1000	JN
4.	unknown	28.63	800	J

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-211

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4484 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4484.08

Sample wt/vol: 10.07 (g/ml) G Lab File ID: BN03355.D

Level: (low/med) LOW Date Received: 5/14/99

% Moisture: 9.54 decanted:(Y/N) N Date Extracted: 5/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/25/99

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
95-48-7	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
106-44-5	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
95-95-4	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

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-211

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4484 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4484.08

Sample wt/vol: 10.07 (g/ml) G Lab File ID: BN03355.D

Level: (low/med) LOW Date Received: 5/14/99

% Moisture: 9.54 decanted:(Y/N) N Date Extracted: 5/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/25/99

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	170	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	140	JB
206-44-0	Fluoranthene	470	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	430	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	250	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	510	J
117-81-7	bis(2-Ethylhexyl)phthalate	110	J
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	320	J
207-08-9	Benzo[k]fluoranthene	290	J
50-32-8	Benzo[a]pyrene	300	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

EPA SAMPLE NO.

B-211

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4484 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4484.08

Sample wt/vol: 10.07 (g/ml) G Lab File ID: BN03355.D

Level: (low/med) LOW Date Received: 5/14/99

% Moisture: 9.54 decanted: (Y/N) N Date Extracted: 5/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/25/99

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. 001454-84-8	1-Nonadecanol	23.78	6300	JN
2. 003386-33-2	Octadecane, 1-chloro-	24.54	470	JN
3. 002461-18-9	Oxirane, [(dodecyloxy)methyl]-	25.28	2200	JN
4. 002765-11-9	Pentadecanal-	26.28	1200	JN
5. 056554-86-0	17-Octadecenal	27.63	2500	JN
6. 000629-62-9	Pentadecane	27.97	1400	JN
7. 000629-96-9	1-Eicosanol	28.03	1300	JN
8.	unknown	28.66	840	J

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-212

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4484 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4484.10

Sample wt/vol: 10.14 (g/ml) G Lab File ID: BN03345.D

Level: (low/med) LOW Date Received: 5/14/99

% Moisture: 13.09 decanted:(Y/N) N Date Extracted: 5/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/25/99

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
95-48-7	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
106-44-5	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
95-95-4	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

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-212

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4484 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4484.10

Sample wt/vol: 10.14 (g/ml) G Lab File ID: BN03345.D

Level: (low/med) LOW Date Received: 5/14/99

% Moisture: 13.09 decanted:(Y/N) N Date Extracted: 5/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/25/99

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	490	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	150	JB
206-44-0	Fluoranthene	460	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	200	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	400	J
117-81-7	bis(2-Ethylhexyl)phthalate	120	J
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	150	J
207-08-9	Benzo[k]fluoranthene	130	J
50-32-8	Benzo[a]pyrene	160	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

EPA SAMPLE NO.

B-212

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4484 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4484.10

Sample wt/vol: 10.14 (g/ml) G Lab File ID: BN03345.D

Level: (low/med) LOW Date Received: 5/14/99

% Moisture: 13.09 decanted: (Y/N) N Date Extracted: 5/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/25/99

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. 001454-84-8	1-Nonadecanol	23.76	7100	JN
2. 002461-18-9	Oxirane, [(dodecyloxy)methyl]-	25.26	1300	JN
3. 000630-07-9	Pentatriacontane	27.94	920	JN
4. 000629-96-9	1-Eicosanol	28.00	900	JN
5.	unknown	28.63	830	J

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-213

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4490 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4490.02

Sample wt/vol: 10.35 (g/ml) G Lab File ID: BN03434.D

Level: (low/med) LOW Date Received: 5/17/99

% Moisture: 12.3 decanted:(Y/N) N Date Extracted: 5/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/3/99

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
95-48-7	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
106-44-5	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
95-95-4	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

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-213

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4490 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4490.02

Sample wt/vol: 10.35 (g/ml) G Lab File ID: BN03434.D

Level: (low/med) LOW Date Received: 5/17/99

% Moisture: 12.3 decanted:(Y/N) N Date Extracted: 5/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/3/99

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	140	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	150	JB
206-44-0	Fluoranthene	270	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	140	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	310	J
117-81-7	bis(2-Ethylhexyl)phthalate	210	J
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	140	J
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

EPA SAMPLE NO.

B-213

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4490 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4490.02

Sample wt/vol: 10.35 (g/ml) G Lab File ID: BN03434.D

Level: (low/med) LOW Date Received: 5/17/99

% Moisture: 12.3 decanted: (Y/N) N Date Extracted: 5/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/3/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 17 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000112-37-8	Undecanoic acid	20.96	450	JN
2.	unknown	21.99	470	J
3. 001454-84-8	1-Nonadecanol	23.65	8100	JN
4.	unknown	24.41	570	J
5.	unknown	24.89	670	J
6. 002461-18-9	Oxirane, [(dodecyloxy)methyl]-	25.16	4000	JN
7.	unknown	26.15	4100	J
8. 000638-68-6	Triacontane	26.55	5700	JN
9.	unknown	26.69	740	J
10. 002765-11-9	Pentadecanal-	27.49	3000	JN
11. 000630-07-9	Pentatriacontane	27.84	3800	JN
12. 000629-96-9	1-Eicosanol	27.90	2100	JN
13.	unknown	28.00	1300	J
14. 056554-87-1	16-Octadecenal	28.76	4700	JN
15.	unknown	29.24	1400	J
16.	unknown	29.35	1500	J
17.	unknown	30.06	1600	J

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-214

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4490 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4490.04(1:10)

Sample wt/vol: 10.02 (g/ml) G Lab File ID: BN03454.D

Level: (low/med) LOW Date Received: 5/17/99

% Moisture: 18.52 decanted:(Y/N) N Date Extracted: 5/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/4/99

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (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
95-48-7	2-Methylphenol	12000	U
108-60-1	bis(2-chloroisopropyl)ether	12000	U
106-44-5	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
95-95-4	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

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-214

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4490 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4490.04(1:10)

Sample wt/vol: 10.02 (g/ml) G Lab File ID: BN03454.D

Level: (low/med) LOW Date Received: 5/17/99

% Moisture: 18.52 decanted:(Y/N) N Date Extracted: 5/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/4/99

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (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	12000	U
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

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

B-214

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4490 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4490.04(1:10)

Sample wt/vol: 10.02 (g/ml) G Lab File ID: BN03454.D

Level: (low/med) LOW Date Received: 5/17/99

% Moisture: 18.52 decanted: (Y/N) N Date Extracted: 5/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/4/99

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

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.	unknown	22.91	10000	JD
2.	unknown	23.60	7200	JD
3.	unknown	30.64	9300	JD
4.	unknown	30.70	8400	JD

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-215

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4490 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4490.06

Sample wt/vol: 10.2 (g/ml) G Lab File ID: BN03441.D

Level: (low/med) LOW Date Received: 5/17/99

% Moisture: 4.52 decanted:(Y/N) N Date Extracted: 5/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/3/99

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	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
95-48-7	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
106-44-5	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
95-95-4	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

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-215

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4490 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4490.06

Sample wt/vol: 10.2 (g/ml) G Lab File ID: BN03441.D

Level: (low/med) LOW Date Received: 5/17/99

% Moisture: 4.52 decanted:(Y/N) N Date Extracted: 5/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/3/99

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	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	150	JB
206-44-0	Fluoranthene	170	J
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	190	J
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	110	J
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	250	J
117-81-7	bis(2-Ethylhexyl)phthalate	140	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

EPA SAMPLE NO.

B-215

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4490 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4490.06

Sample wt/vol: 10.2 (g/ml) G Lab File ID: BN03441.D

Level: (low/med) LOW Date Received: 5/17/99

% Moisture: 4.52 decanted: (Y/N) N Date Extracted: 5/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/3/99

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. 001599-67-3	1-Docosene	23.66	6400	JN
2. 055162-61-3	Tetracontane, 3,5,24-trimethyl-	25.17	2700	JN
3. 056554-93-9	15-Octadecenal	26.16	3000	JN
4. 000630-06-8	Hexatriacontane	26.56	3000	JN
5. 056554-87-1	16-Octadecenal	27.51	6700	JN
6. 000544-76-3	Hexadecane	27.85	2700	JN
7.	unknown	27.91	2200	J
8.	unknown	28.76	1100	J

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-216

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4490 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4490.08

Sample wt/vol: 10 (g/ml) G Lab File ID: BN03439.D

Level: (low/med) LOW Date Received: 5/17/99

% Moisture: 4.58 decanted:(Y/N) N Date Extracted: 5/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/3/99

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
95-48-7	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
106-44-5	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
95-95-4	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

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-216

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4490 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4490.08

Sample wt/vol: 10 (g/ml) G Lab File ID: BN03439.D

Level: (low/med) LOW Date Received: 5/17/99

% Moisture: 4.58 decanted:(Y/N) N Date Extracted: 5/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/3/99

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	150	JB
206-44-0	Fluoranthene	120	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	120	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	J
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	110	J
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

002407

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

B-216

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4490 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4490.08

Sample wt/vol: 10 (g/ml) G Lab File ID: BN03439.D

Level: (low/med) LOW Date Received: 5/17/99

% Moisture: 4.58 decanted: (Y/N) N Date Extracted: 5/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/3/99

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	20.97	490	J
2.	unknown	22.01	770	J
3. 000629-96-9	1-Eicosanol	23.66	7600	JN
4. 000629-50-5	Tridecane	25.17	3700	JN
5. 056554-86-0	17-Octadecenal	26.16	4100	JN
6. 000630-06-8	Hexatriacontane	26.57	3200	JN
7. 056554-87-1	16-Octadecenal	27.52	11000	JN
8. 000544-76-3	Hexadecane	27.86	3100	JN
9. 001653-33-4	4-Tetradecanol	27.91	2900	JN
10. 000629-80-1	Hexadecanal	28.77	2500	JN

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-217

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4490 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4490.10

Sample wt/vol: 10.34 (g/ml) G Lab File ID: BN03438.D

Level: (low/med) LOW Date Received: 5/17/99

% Moisture: 8.14 decanted:(Y/N) N Date Extracted: 5/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/3/99

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
95-48-7	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
106-44-5	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
95-95-4	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

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-217

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4490 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4490.10

Sample wt/vol: 10.34 (g/ml) G Lab File ID: BN03438.D

Level: (low/med) LOW Date Received: 5/17/99

% Moisture: 8.14 decanted:(Y/N) N Date Extracted: 5/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/3/99

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	120	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	570	JB
206-44-0	Fluoranthene	280	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	280	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	180	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	400	J
117-81-7	bis(2-Ethylhexyl)phthalate	160	J
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	260	J
207-08-9	Benzo[k]fluoranthene	170	J
50-32-8	Benzo[a]pyrene	210	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

EPA SAMPLE NO.

B-217

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4490 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4490.10

Sample wt/vol: 10.34 (g/ml) G Lab File ID: BN03438.D

Level: (low/med) LOW Date Received: 5/17/99

% Moisture: 8.14 decanted: (Y/N) N Date Extracted: 5/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/3/99

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. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.22	1600	JN
2.	unknown	20.98	510	J
3.	unknown	22.00	470	J
4.	unknown	22.30	510	J
5.	unknown	23.16	430	J
6. 000629-96-9	1-Eicosanol	23.66	5500	JN
7. 000593-45-3	Octadecane	25.18	4300	JN
8. 056554-86-0	17-Octadecenal	26.17	4200	JN
9. 056554-87-1	16-Octadecenal	27.53	13000	JN

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-218

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4490 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4490.14

Sample wt/vol: 10.07 (g/ml) G Lab File ID: BN03443.D

Level: (low/med) LOW Date Received: 5/17/99

% Moisture: 2.08 decanted:(Y/N) N Date Extracted: 5/24/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/3/99

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	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
95-48-7	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
106-44-5	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
95-95-4	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

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-218

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4490 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4490.14

Sample wt/vol: 10.07 (g/ml) G Lab File ID: BN03443.D

Level: (low/med) LOW Date Received: 5/17/99

% Moisture: 2.08 decanted:(Y/N) N Date Extracted: 5/24/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/3/99

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	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	290	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	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

EPA SAMPLE NO.

B-218

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4490 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4490.14

Sample wt/vol: 10.07 (g/ml) G Lab File ID: BN03443.D

Level: (low/med) LOW Date Received: 5/17/99

% Moisture: 2.08 decanted: (Y/N) N Date Extracted: 5/24/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/3/99

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. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.23	550	JN
2. 001599-67-3	1-Docosene	23.67	4600	JN

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-219

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4490 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4490.16

Sample wt/vol: 10.06 (g/ml) G Lab File ID: BN03435.D

Level: (low/med) LOW Date Received: 5/17/99

% Moisture: 11.08 decanted:(Y/N) N Date Extracted: 5/24/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/3/99

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
95-48-7	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
106-44-5	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
95-95-4	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

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-219

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4490 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4490.16

Sample wt/vol: 10.06 (g/ml) G Lab File ID: BN03435.D

Level: (low/med) LOW Date Received: 5/17/99

% Moisture: 11.08 decanted:(Y/N) N Date Extracted: 5/24/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/3/99

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	400	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	900	JB
206-44-0	Fluoranthene	540	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	650	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	320	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	730	J
117-81-7	bis(2-Ethylhexyl)phthalate	120	J
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	290	J
207-08-9	Benzo[k]fluoranthene	220	J
50-32-8	Benzo[a]pyrene	280	J
193-39-5	Indeno[1,2,3-cd]pyrene	240	J
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	280	J

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

B-219

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4490 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4490.16

Sample wt/vol: 10.06 (g/ml) G Lab File ID: BN03435.D

Level: (low/med) LOW Date Received: 5/17/99

% Moisture: 11.08 decanted: (Y/N) N Date Extracted: 5/24/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/3/99

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.	unknown	12.29	2100	J
2.	unknown	12.58	2700	J
3. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.22	1800	JN
4.	unknown	21.99	580	J
5. 001454-84-8	1-Nonadecanol	23.65	6200	JN
6. 002461-18-9	Oxirane, [(dodecyloxy)methyl]-	25.16	3700	JN
7. 002765-11-9	Pentadecanal-	26.15	3300	JN
8. 000629-96-9	1-Eicosanol	26.58	5500	JN
9.	unknown	26.70	820	J
10. 056554-90-6	13-Octadecenal	27.50	2700	JN
11. 000630-06-8	Hexatriacontane	27.84	2700	JN
12.	unknown	27.90	2400	J
13.	unknown	28.01	1500	J
14. 018302-66-4	Palmitaldehyde, diisopropyl acetal	28.76	3200	JN
15.	unknown	29.24	1400	J

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-220

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4490 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4490.18(1:10)

Sample wt/vol: 10.08 (g/ml) G Lab File ID: BN03457.D

Level: (low/med) LOW Date Received: 5/17/99

% Moisture: 20.45 decanted:(Y/N) N Date Extracted: 5/24/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/4/99

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		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
95-48-7	2-Methylphenol	12000	U
108-60-1	bis(2-chloroisopropyl)ether	12000	U
106-44-5	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
95-95-4	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

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-220

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4490 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4490.18(1:10)

Sample wt/vol: 10.08 (g/ml) G Lab File ID: BN03457.D

Level: (low/med) LOW Date Received: 5/17/99

% Moisture: 20.45 decanted:(Y/N) N Date Extracted: 5/24/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/4/99

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (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	12000	U
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

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

B-220

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4490 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4490.18(1:10)

Sample wt/vol: 10.08 (g/ml) G Lab File ID: BN03457.D

Level: (low/med) LOW Date Received: 5/17/99

% Moisture: 20.45 decanted: (Y/N) N Date Extracted: 5/24/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/4/99

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

002420

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-221

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4490 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4490.20

Sample wt/vol: 10.1 (g/ml) G Lab File ID: BN03436.D

Level: (low/med) LOW Date Received: 5/17/99

% Moisture: 22.86 decanted:(Y/N) N Date Extracted: 5/24/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/3/99

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	1300	U
62-75-9	N-nitroso-dimethylamine	1300	U
62-53-3	Aniline	1300	U
108-95-2	Phenol	1300	U
111-44-4	bis(2-Chloroethyl)ether	1300	U
95-57-8	2-Chlorophenol	1300	U
541-73-1	1,3-Dichlorobenzene	1300	U
106-46-7	1,4-Dichlorobenzene	1300	U
100-51-6	Benzyl alcohol	1300	U
95-50-1	1,2-Dichlorobenzene	1300	U
95-48-7	2-Methylphenol	1300	U
108-60-1	bis(2-chloroisopropyl)ether	1300	U
106-44-5	4-Methylphenol	1300	U
621-64-7	n-Nitroso-di-n-propylamine	1300	U
67-72-1	Hexachloroethane	1300	U
98-95-3	Nitrobenzene	1300	U
78-59-1	Isophorone	1300	U
88-75-5	2-Nitrophenol	1300	U
105-67-9	2,4-Dimethylphenol	1300	U
111-91-1	bis(2-Chloroethoxy)methane	1300	U
120-83-2	2,4-Dichlorophenol	1300	U
65-85-0	Benzoic Acid	1300	U
120-82-1	1,2,4-Trichlorobenzene	1300	U
91-20-3	Naphthalene	1300	U
106-47-8	4-Chloroaniline	1300	U
87-68-3	Hexachlorobutadiene	1300	U
59-50-7	4-Chloro-3-methylphenol	1300	U
91-57-6	2-Methylnaphthalene	1300	U
77-47-4	Hexachlorocyclopentadiene	1300	U
88-06-2	2,4,6-Trichlorophenol	1300	U
95-95-4	2,4,5-Trichlorophenol	1300	U
91-58-7	2-Chloronaphthalene	1300	U
88-74-4	2-Nitroaniline	1300	U
131-11-3	Dimethylphthalate	1300	U
208-96-8	Acenaphthylene	1300	U
606-20-2	2,6-Dinitrotoluene	1300	U
99-09-2	3-Nitroaniline	1300	U

1C

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-221

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4490 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4490.20

Sample wt/vol: 10.1 (g/ml) G Lab File ID: BN03436.D

Level: (low/med) LOW Date Received: 5/17/99

% Moisture: 22.86 decanted:(Y/N) N Date Extracted: 5/24/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/3/99

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	1300	U
51-28-5	2,4-Dinitrophenol	1300	U
132-64-9	Dibenzofuran	1300	U
100-02-7	4-Nitrophenol	1300	U
121-14-2	2,4-Dinitrotoluene	1300	U
84-66-2	Diethylphthalate	1300	U
86-73-7	Fluorene	1300	U
7005-72-3	4-Chlorophenyl-phenylether	1300	U
100-01-6	4-Nitroaniline	1300	U
534-52-1	4,6-Dinitro-2-methylphenol	1300	U
86-30-6	n-Nitrosodiphenylamine	1300	U
103-33-3	Azobenzene	1300	U
101-55-3	4-Bromophenyl-phenylether	1300	U
118-74-1	Hexachlorobenzene	1300	U
87-86-5	Pentachlorophenol	1300	U
85-01-8	Phenanthrene	1300	U
120-12-7	Anthracene	1300	U
84-74-2	Di-n-butylphthalate	960	JB
206-44-0	Fluoranthene	210	J
92-87-5	Benzidine	1300	U
129-00-0	Pyrene	230	J
85-68-7	Butylbenzylphthalate	1300	U
56-55-3	Benzo[a]anthracene	140	J
91-94-1	3,3'-Dichlorobenzidine	1300	U
218-01-9	Chrysene	250	J
117-81-7	bis(2-Ethylhexyl)phthalate	760	J
117-84-0	Di-n-octylphthalate	1300	U
205-99-2	Benzo[b]fluoranthene	1300	U
207-08-9	Benzo[k]fluoranthene	1300	U
50-32-8	Benzo[a]pyrene	1300	U
193-39-5	Indeno[1,2,3-cd]pyrene	1300	U
53-70-3	Dibenz[a,h]anthracene	1300	U
191-24-2	Benzo[g,h,i]perylene	1300	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

B-221

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4490 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4490.20

Sample wt/vol: 10.1 (g/ml) G Lab File ID: BN03436.D

Level: (low/med) LOW Date Received: 5/17/99

% Moisture: 22.86 decanted: (Y/N) N Date Extracted: 5/24/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/3/99

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. 000100-52-7	Benzaldehyde	6.19	1200	JN
2. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.22	1800	JN
3.	unknown	19.03	540	J
4.	unknown	20.77	710	J
5. 000057-11-4	Octadecanoic acid	20.98	1100	JN
6.	unknown	22.30	730	J
7. 001740-19-8	1-Phenanthrenecarboxylic acid, 1	23.41	1200	JN
8. 001599-67-3	1-Docosene	23.65	6500	JN
9. 006624-79-9	1-Dotriacontanol	25.16	920	JN
10. 018435-45-5	1-Nonadecene	27.91	1500	JN
11.	unknown	28.53	1600	J

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-222

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4490 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4490.22

Sample wt/vol: 10.18 (g/ml) G Lab File ID: BN03440.D

Level: (low/med) LOW Date Received: 5/17/99

% Moisture: 12.76 decanted:(Y/N) N Date Extracted: 5/24/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/3/99

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
95-48-7	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
106-44-5	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
95-95-4	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

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-222

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4490 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4490.22

Sample wt/vol: 10.18 (g/ml) G Lab File ID: BN03440.D

Level: (low/med) LOW Date Received: 5/17/99

% Moisture: 12.76 decanted:(Y/N) N Date Extracted: 5/24/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/3/99

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	120	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	1600	B
206-44-0	Fluoranthene	150	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	200	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	210	J
117-81-7	bis(2-Ethylhexyl)phthalate	190	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

EPA SAMPLE NO.

B-222

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4490 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4490.22

Sample wt/vol: 10.18 (g/ml) G Lab File ID: BN03440.D

Level: (low/med) LOW Date Received: 5/17/99

% Moisture: 12.76 decanted: (Y/N) N Date Extracted: 5/24/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/3/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 14 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.23	2600	JN
2.	unknown	22.00	450	J
3.	unknown	23.01	550	J
4. 028580-43-0	1H-Cycloprop[e]azulene, decahyd	23.17	1200	JN
5. 000629-96-9	1-Eicosanol	23.65	6100	JN
6. 002461-18-9	Oxirane, [(dodecyloxy)methyl]-	25.16	2200	JN
7.	unknown	26.15	850	J
8. 000638-68-6	Triacontane	26.54	2100	JN
9. 000124-25-4	Tetradecanal	27.49	1200	JN
10. 000544-85-4	Dotriacontane	27.84	910	JN
11.	unknown	27.89	1200	J
12. 007390-81-0	Oxirane, hexadecyl-	28.76	1000	JN
13.	unknown	29.30	2000	J
14.	unknown	29.76	8000	J

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-223

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4490 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4490.24(1:10)

Sample wt/vol: 10.23 (g/ml) G Lab File ID: BN03456.D

Level: (low/med) LOW Date Received: 5/17/99

% Moisture: 14.97 decanted:(Y/N) N Date Extracted: 5/24/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/4/99

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (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
95-48-7	2-Methylphenol	12000	U
108-60-1	bis(2-chloroisopropyl)ether	12000	U
106-44-5	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
95-95-4	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

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-223

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4490 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4490.24(1:10)

Sample wt/vol: 10.23 (g/ml) G Lab File ID: BN03456.D

Level: (low/med) LOW Date Received: 5/17/99

% Moisture: 14.97 decanted:(Y/N) N Date Extracted: 5/24/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/4/99

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (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	12000	U
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

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

B-223

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4490 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4490.24(1:10)

Sample wt/vol: 10.23 (g/ml) G Lab File ID: BN03456.D

Level: (low/med) LOW Date Received: 5/17/99

% Moisture: 14.97 decanted: (Y/N) N Date Extracted: 5/24/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/4/99

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-224

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4490 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4490.26

Sample wt/vol: 10.26 (g/ml) G Lab File ID: BN03437.D

Level: (low/med) LOW Date Received: 5/17/99

% Moisture: 12.07 decanted:(Y/N) N Date Extracted: 5/24/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/3/99

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
95-48-7	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
106-44-5	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
95-95-4	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

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-224

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4490 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4490.26

Sample wt/vol: 10.26 (g/ml) G Lab File ID: BN03437.D

Level: (low/med) LOW Date Received: 5/17/99

% Moisture: 12.07 decanted:(Y/N) N Date Extracted: 5/24/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/3/99

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	210	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	24000	EB
206-44-0	Fluoranthene	540	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	500	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	280	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	570	J
117-81-7	bis(2-Ethylhexyl)phthalate	140	J
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	310	J
207-08-9	Benzo[k]fluoranthene	190	J
50-32-8	Benzo[a]pyrene	260	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

EPA SAMPLE NO.

B-224

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4490 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4490.26

Sample wt/vol: 10.26 (g/ml) G Lab File ID: BN03437.D

Level: (low/med) LOW Date Received: 5/17/99

% Moisture: 12.07 decanted: (Y/N) N Date Extracted: 5/24/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/3/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 9 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.23	3300	JN
2. 019047-85-9	Phosphonic acid, dioctadecyl este	23.65	6300	JN
3. 006971-40-0	17-Pentatriacontene	25.16	2000	JN
4. 002765-11-9	Pentadecanal-	26.15	1000	JN
5. 000629-99-2	Pentacosane	26.55	1600	JN
6.	unknown	27.49	1300	J
7. 000544-85-4	Dotriacontane	27.84	960	JN
8. 000629-96-9	1-Eicosanol	27.90	1700	JN
9. 000638-66-4	Octadecanal	28.76	1800	JN

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-224

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4490 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4490.26(1:10)

Sample wt/vol: 10.26 (g/ml) G Lab File ID: BN03453.D

Level: (low/med) LOW Date Received: 5/17/99

% Moisture: 12.07 decanted:(Y/N) N Date Extracted: 5/24/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/4/99

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	11000	U
62-75-9	N-nitroso-dimethylamine	11000	U
62-53-3	Aniline	11000	U
108-95-2	Phenol	11000	U
111-44-4	bis(2-Chloroethyl)ether	11000	U
95-57-8	2-Chlorophenol	11000	U
541-73-1	1,3-Dichlorobenzene	11000	U
106-46-7	1,4-Dichlorobenzene	11000	U
100-51-6	Benzyl alcohol	11000	U
95-50-1	1,2-Dichlorobenzene	11000	U
95-48-7	2-Methylphenol	11000	U
108-60-1	bis(2-chloroisopropyl)ether	11000	U
106-44-5	4-Methylphenol	11000	U
621-64-7	n-Nitroso-di-n-propylamine	11000	U
67-72-1	Hexachloroethane	11000	U
98-95-3	Nitrobenzene	11000	U
78-59-1	Isophorone	11000	U
88-75-5	2-Nitrophenol	11000	U
105-67-9	2,4-Dimethylphenol	11000	U
111-91-1	bis(2-Chloroethoxy)methane	11000	U
120-83-2	2,4-Dichlorophenol	11000	U
65-85-0	Benzoic Acid	11000	U
120-82-1	1,2,4-Trichlorobenzene	11000	U
91-20-3	Naphthalene	11000	U
106-47-8	4-Chloroaniline	11000	U
87-68-3	Hexachlorobutadiene	11000	U
59-50-7	4-Chloro-3-methylphenol	11000	U
91-57-6	2-Methylnaphthalene	11000	U
77-47-4	Hexachlorocyclopentadiene	11000	U
88-06-2	2,4,6-Trichlorophenol	11000	U
95-95-4	2,4,5-Trichlorophenol	11000	U
91-58-7	2-Chloronaphthalene	11000	U
88-74-4	2-Nitroaniline	11000	U
131-11-3	Dimethylphthalate	11000	U
208-96-8	Acenaphthylene	11000	U
606-20-2	2,6-Dinitrotoluene	11000	U
99-09-2	3-Nitroaniline	11000	U

1C

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-224

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4490 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4490.26(1:10)

Sample wt/vol: 10.26 (g/ml) G Lab File ID: BN03453.D

Level: (low/med) LOW Date Received: 5/17/99

% Moisture: 12.07 decanted:(Y/N) N Date Extracted: 5/24/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/4/99

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	11000	U
51-28-5	2,4-Dinitrophenol	11000	U
132-64-9	Dibenzofuran	11000	U
100-02-7	4-Nitrophenol	11000	U
121-14-2	2,4-Dinitrotoluene	11000	U
84-66-2	Diethylphthalate	11000	U
86-73-7	Fluorene	11000	U
7005-72-3	4-Chlorophenyl-phenylether	11000	U
100-01-6	4-Nitroaniline	11000	U
534-52-1	4,6-Dinitro-2-methylphenol	11000	U
86-30-6	n-Nitrosodiphenylamine	11000	U
103-33-3	Azobenzene	11000	U
101-55-3	4-Bromophenyl-phenylether	11000	U
118-74-1	Hexachlorobenzene	11000	U
87-86-5	Pentachlorophenol	11000	U
85-01-8	Phenanthrene	11000	U
120-12-7	Anthracene	11000	U
84-74-2	Di-n-butylphthalate	13000	BD
206-44-0	Fluoranthene	11000	U
92-87-5	Benzidine	11000	U
129-00-0	Pyrene	11000	U
85-68-7	Butylbenzylphthalate	11000	U
56-55-3	Benzo[a]anthracene	11000	U
91-94-1	3,3'-Dichlorobenzidine	11000	U
218-01-9	Chrysene	11000	U
117-81-7	bis(2-Ethylhexyl)phthalate	11000	U
117-84-0	Di-n-octylphthalate	11000	U
205-99-2	Benzo[b]fluoranthene	11000	U
207-08-9	Benzo[k]fluoranthene	11000	U
50-32-8	Benzo[a]pyrene	11000	U
193-39-5	Indeno[1,2,3-cd]pyrene	11000	U
53-70-3	Dibenz[a,h]anthracene	11000	U
191-24-2	Benzo[g,h,i]perylene	11000	U

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-225

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4533.02

Sample wt/vol: 10.76 (g/ml) G Lab File ID: BN03490.D

Level: (low/med) LOW Date Received: 6/4/99

% Moisture: 7.72 decanted:(Y/N) N Date Extracted: 6/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/16/99

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	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
95-48-7	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
106-44-5	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
95-95-4	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

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-225

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4533.02

Sample wt/vol: 10.76 (g/ml) G Lab File ID: BN03490.D

Level: (low/med) LOW Date Received: 6/4/99

% Moisture: 7.72 decanted:(Y/N) N Date Extracted: 6/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/16/99

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	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	180	JB
206-44-0	Fluoranthene	130	J
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	110	J
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	1000	U
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	130	J
117-81-7	bis(2-Ethylhexyl)phthalate	1000	U
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	1000	U
207-08-9	Benzo[k]fluoranthene	1000	U
50-32-8	Benzo[a]pyrene	1000	U
193-39-5	Indeno[1,2,3-cd]pyrene	1000	U
53-70-3	Dibenz[a,h]anthracene	1000	U
191-24-2	Benzo[g,h,i]perylene	1000	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

B-225

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4533.02

Sample wt/vol: 10.76 (g/ml) G Lab File ID: BN03490.D

Level: (low/med) LOW Date Received: 6/4/99

% Moisture: 7.72 decanted: (Y/N) N Date Extracted: 6/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/16/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 7 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	18.12	500	J
2. 000112-92-5	1-Octadecanol	23.55	5900	JN
3. 015965-99-8	Oxirane, [(hexadecyloxy)methyl]-	25.06	820	JN
4. 000629-80-1	Hexadecanal	26.04	700	JN
5. 002765-11-9	Pentadecanal-	27.39	1500	JN
6. 000629-96-9	1-Eicosanol	27.79	840	JN
7. 056554-86-0	17-Octadecenal	28.65	430	JN

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-226

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4533.04

Sample wt/vol: 10.74 (g/ml) G Lab File ID: BN03509.D

Level: (low/med) LOW Date Received: 6/4/99

% Moisture: 11.6 decanted:(Y/N) N Date Extracted: 6/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/17/99

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
95-48-7	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
106-44-5	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
95-95-4	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

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-226

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4533.04

Sample wt/vol: 10.74 (g/ml) G Lab File ID: BN03509.D

Level: (low/med) LOW Date Received: 6/4/99

% Moisture: 11.6 decanted:(Y/N) N Date Extracted: 6/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/17/99

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	170	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	420	JB
206-44-0	Fluoranthene	360	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	310	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	170	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	370	J
117-81-7	bis(2-Ethylhexyl)phthalate	140	JB
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	200	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	140	J
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	150	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

B-226

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4533.04

Sample wt/vol: 10.74 (g/ml) G Lab File ID: BN03509.D

Level: (low/med) LOW Date Received: 6/4/99

% Moisture: 11.6 decanted: (Y/N) N Date Extracted: 6/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/17/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 16 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	18.12	1100	JN
2. 001599-67-3	1-Docosene	23.55	6100	JN
3.	unknown	24.31	510	J
4. 006971-40-0	17-Pentatriacontene	25.05	2200	JN
5. 056554-87-1	16-Octadecenal	26.04	1100	JN
6. 000630-06-8	Hexatriacontane	26.44	2100	JN
7. 056554-90-6	13-Octadecenal	27.39	2200	JN
8. 000593-45-3	Octadecane	27.73	1100	JN
9. 000629-96-9	1-Eicosanol	27.79	1500	JN
10.	unknown	27.89	500	J
11. 056554-86-0	17-Octadecenal	28.65	2100	JN
12. 018435-45-5	1-Nonadecene	29.03	520	JN
13.	unknown	29.12	500	J
14. 000083-47-6	.gamma.-Sitosterol	29.23	660	JN
15.	unknown	29.93	1000	J
16.	unknown	30.16	780	J

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-227

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4533.06

Sample wt/vol: 10.37 (g/ml) G Lab File ID: BN03503.D

Level: (low/med) LOW Date Received: 6/4/99

% Moisture: 9.51 decanted:(Y/N) N Date Extracted: 6/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/17/99

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
95-48-7	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
106-44-5	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
95-95-4	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

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-227

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4533.06

Sample wt/vol: 10.37 (g/ml) G Lab File ID: BN03503.D

Level: (low/med) LOW Date Received: 6/4/99

% Moisture: 9.51 decanted:(Y/N) N Date Extracted: 6/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/17/99

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	510	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	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

EPA SAMPLE NO.

B-227

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4533.06

Sample wt/vol: 10.37 (g/ml) G Lab File ID: BN03503.D

Level: (low/med) LOW Date Received: 6/4/99

% Moisture: 9.51 decanted: (Y/N) N Date Extracted: 6/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/17/99

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	18.12	1300	J
2. 000112-92-5	1-Octadecanol	23.55	6800	JN
3. 006624-79-9	1-Dotriacontanol	25.05	1300	JN
4. 000630-06-8	Hexatriacontane	26.43	490	JN
5. 014167-59-0	Tetratriacontane	27.72	450	JN
6. 000629-96-9	1-Eicosanol	27.78	1100	JN
7.	unknown	28.41	520	J

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-228

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4533.08

Sample wt/vol: 10.68 (g/ml) G Lab File ID: BN03531.D

Level: (low/med) LOW Date Received: 6/4/99

% Moisture: 23.78 decanted:(Y/N) N Date Extracted: 6/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/21/99

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
95-48-7	2-Methylphenol	1200	U
108-60-1	bis(2-chloroisopropyl)ether	1200	U
106-44-5	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
95-95-4	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

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-228

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4533.08

Sample wt/vol: 10.68 (g/ml) G Lab File ID: BN03531.D

Level: (low/med) LOW Date Received: 6/4/99

% Moisture: 23.78 decanted:(Y/N) N Date Extracted: 6/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/21/99

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	190	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	960	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	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

EPA SAMPLE NO.

B-228

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4533.08

Sample wt/vol: 10.68 (g/ml) G Lab File ID: BN03531.D

Level: (low/med) LOW Date Received: 6/4/99

% Moisture: 23.78 decanted: (Y/N) N Date Extracted: 6/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/21/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 24 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	4.12	1200	J
2.	unknown	12.19	680	J
3.	unknown	12.24	1200	J
4.	unknown	17.56	1500	J
5. 001002-84-2	Pentadecanoic acid	17.73	690	JN
6.	unknown	18.13	2300	J
7.	unknown	18.21	670	J
8.	unknown	18.64	4500	J
9. 000057-10-3	Hexadecanoic acid	19.11	2700	JN
10. 000506-12-7	Heptadecanoic acid	19.67	710	JN
11. 000295-65-8	Cyclohexadecane	20.15	750	JN
12. 000112-80-1	Oleic Acid	20.80	11000	JN
13. 000057-11-4	Octadecanoic acid	20.95	2200	JN
14.	unknown	21.27	1000	J
15. 010374-74-0	7-Tetradecene	21.69	1400	JN
16.	unknown	21.93	670	J
17. 001454-84-8	1-Nonadecanol	23.57	5200	JN
18. 006624-79-9	1-Dotriacontanol	25.07	1300	JN
19.	unknown	25.60	1200	J
20.	unknown	25.79	1100	J
21.	unknown	25.82	880	J
22.	unknown	27.03	2100	J
23.	unknown	27.17	1300	J
24.	unknown	29.24	7400	J

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-229

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4533.10

Sample wt/vol: 10 (g/ml) G Lab File ID: BN03515.D

Level: (low/med) LOW Date Received: 6/4/99

% Moisture: 7.24 decanted:(Y/N) N Date Extracted: 6/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/17/99

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
95-48-7	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
106-44-5	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
95-95-4	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

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-229

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4533.10

Sample wt/vol: 10 (g/ml) G Lab File ID: BN03515.D

Level: (low/med) LOW Date Received: 6/4/99

% Moisture: 7.24 decanted:(Y/N) N Date Extracted: 6/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/17/99

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	220	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

EPA SAMPLE NO.

B-229

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4533.10

Sample wt/vol: 10 (g/ml) G Lab File ID: BN03515.D

Level: (low/med) LOW Date Received: 6/4/99

% Moisture: 7.24 decanted: (Y/N) N Date Extracted: 6/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/17/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 8

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		unknown	18.12	590	J
2.	000112-92-5	1-Octadecanol	23.55	6600	JN
3.	006624-79-9	1-Dotriacontanol	25.05	1200	JN
4.	000112-95-8	Eicosane	26.43	570	JN
5.	056554-90-6	13-Octadecenal	27.38	580	JN
6.	007098-22-8	Tetratetracontane	27.73	470	JN
7.	000629-96-9	1-Eicosanol	27.78	960	JN
8.		unknown	28.42	700	J

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-230

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4533.14

Sample wt/vol: 10.09 (g/ml) G Lab File ID: BN03513.D

Level: (low/med) LOW Date Received: 6/4/99

% Moisture: 10.49 decanted:(Y/N) N Date Extracted: 6/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/17/99

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
95-48-7	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
106-44-5	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
95-95-4	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

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-230

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4533.14

Sample wt/vol: 10.09 (g/ml) G Lab File ID: BN03513.D

Level: (low/med) LOW Date Received: 6/4/99

% Moisture: 10.49 decanted:(Y/N) N Date Extracted: 6/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/17/99

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	120	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	510	JB
206-44-0	Fluoranthene	230	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	130	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	270	J
117-81-7	bis(2-Ethylhexyl)phthalate	160	JB
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	130	J
207-08-9	Benzo[k]fluoranthene	130	J
50-32-8	Benzo[a]pyrene	130	J
193-39-5	Indeno[1,2,3-cd]pyrene	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

EPA SAMPLE NO.

B-230

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4533.14

Sample wt/vol: 10.09 (g/ml) G Lab File ID: BN03513.D

Level: (low/med) LOW Date Received: 6/4/99

% Moisture: 10.49 decanted: (Y/N) N Date Extracted: 6/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/17/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 22 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000087-44-5	Caryophyllene	13.08	730	JN
2. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.12	1200	JN
3. 006765-39-5	1-Heptadecene	21.90	480	JN
4.	unknown	23.01	810	J
5. 001599-67-3	1-Docosene	23.55	6500	JN
6. 006971-40-0	17-Pentatriacontene	24.31	520	JN
7. 001454-85-9	1-Heptadecanol	25.05	2700	JN
8. 000638-66-4	Octadecanal	26.04	730	JN
9. 007098-22-8	Tetratetracontane	26.44	2000	JN
10.	unknown	26.58	470	J
11. 000629-80-1	Hexadecanal	27.38	1000	JN
12. 000112-95-8	Eicosane	27.73	2100	JN
13.	unknown	27.79	1700	J
14.	unknown	27.89	790	J
15.	unknown	28.42	1200	J
16. 000638-66-4	Octadecanal	28.65	890	JN
17.	unknown	28.73	540	J
18. 000544-76-3	Hexadecane	28.94	610	JN
19. 000661-19-8	1-Docosanol	29.03	520	JN
20.	unknown	29.12	770	J
21.	unknown	30.62	1600	J
22.	unknown	30.82	1200	J

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-231

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4533.16

Sample wt/vol: 10.38 (g/ml) G Lab File ID: BN03533.D

Level: (low/med) LOW Date Received: 6/4/99

% Moisture: 6.66 decanted:(Y/N) N Date Extracted: 6/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/21/99

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	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
95-48-7	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
106-44-5	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
95-95-4	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

002453

1C

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-231

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4533.16

Sample wt/vol: 10.38 (g/ml) G Lab File ID: BN03533.D

Level: (low/med) LOW Date Received: 6/4/99

% Moisture: 6.66 decanted:(Y/N) N Date Extracted: 6/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/21/99

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	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	930	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	150	JB
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

EPA SAMPLE NO.

B-231

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4533.16

Sample wt/vol: 10.38 (g/ml) G Lab File ID: BN03533.D

Level: (low/med) LOW Date Received: 6/4/99

% Moisture: 6.66 decanted: (Y/N) N Date Extracted: 6/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/21/99

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.	unknown	6.28	590	J
2.	unknown	7.19	480	J
3.	unknown	7.69	960	J
4.	unknown	18.13	2100	J
5. 001599-67-3	1-Docosene	23.56	5600	JN
6. 002461-18-9	Oxirane, [(dodecyloxy)methyl]-	25.07	4100	JN

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-232

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4533.18

Sample wt/vol: 10.27 (g/ml) G Lab File ID: BN03530.D

Level: (low/med) LOW Date Received: 6/4/99

% Moisture: 10.93 decanted:(Y/N) N Date Extracted: 6/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/21/99

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
95-48-7	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
106-44-5	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
95-95-4	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

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EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-232

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4533.18

Sample wt/vol: 10.27 (g/ml) G Lab File ID: BN03530.D

Level: (low/med) LOW Date Received: 6/4/99

% Moisture: 10.93 decanted:(Y/N) N Date Extracted: 6/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/21/99

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	290	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	150	JB
206-44-0	Fluoranthene	430	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	410	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	230	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	460	J
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	200	J
207-08-9	Benzo[k]fluoranthene	180	J
50-32-8	Benzo[a]pyrene	210	J
193-39-5	Indeno[1,2,3-cd]pyrene	110	J
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

EPA SAMPLE NO.

B-232

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4533.18

Sample wt/vol: 10.27 (g/ml) G Lab File ID: BN03530.D

Level: (low/med) LOW Date Received: 6/4/99

% Moisture: 10.93 decanted: (Y/N) N Date Extracted: 6/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/21/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 11 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000638-66-4	Octadecanal	23.05	780	JN
2. 001454-84-8	1-Nonadecanol	23.55	5100	JN
3. 056554-86-0	17-Octadecenal	24.60	620	JN
4. 002461-18-9	Oxirane, [(dodecyloxy)methyl]-	25.07	5200	JN
5. 056554-93-9	15-Octadecenal	26.06	3900	JN
6. 007098-22-8	Tetratetracontane	26.46	4400	JN
7. 000000-00-0	1-Hexacosanal	27.40	7300	JN
8. 014167-59-0	Tetratriacontane	27.75	2500	JN
9. 019047-85-9	Phosphonic acid, dioctadecyl este	27.81	2400	JN
10. 000629-66-3	2-Nonadecanone	27.91	1500	JN
11. 056554-90-6	13-Octadecenal	28.67	3800	JN

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-233

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4533.20

Sample wt/vol: 10.15 (g/ml) G Lab File ID: BN03514.D

Level: (low/med) LOW Date Received: 6/4/99

% Moisture: 13.92 decanted:(Y/N) N Date Extracted: 6/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/17/99

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
95-48-7	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
106-44-5	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
95-95-4	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

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-233

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4533.20

Sample wt/vol: 10.15 (g/ml) G Lab File ID: BN03514.D

Level: (low/med) LOW Date Received: 6/4/99

% Moisture: 13.92 decanted:(Y/N) N Date Extracted: 6/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/17/99

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	380	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	770	JB
206-44-0	Fluoranthene	190	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	170	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	280	J
117-81-7	bis(2-Ethylhexyl)phthalate	160	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

EPA SAMPLE NO.

B-233

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4533 Location: M-8 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4533.20

Sample wt/vol: 10.15 (g/ml) G Lab File ID: BN03514.D

Level: (low/med) LOW Date Received: 6/4/99

% Moisture: 13.92 decanted: (Y/N) N Date Extracted: 6/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/17/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

Number TICs found: 7 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.12	2200	JN
2. 000112-92-5	1-Octadecanol	23.55	5800	JN
3. 006971-40-0	17-Pentatriacontene	25.05	1000	JN
4. 000638-66-4	Octadecanal	27.38	520	JN
5.	unknown	27.78	790	J
6.	unknown	28.42	990	J
7. 056554-90-6	13-Octadecenal	28.65	600	JN

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-234

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4533.22

Sample wt/vol: 10.09 (g/ml) G Lab File ID: BN03529.D

Level: (low/med) LOW Date Received: 6/4/99

% Moisture: 12.85 decanted:(Y/N) N Date Extracted: 6/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/21/99

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
95-48-7	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
106-44-5	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
95-95-4	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

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-234

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4533.22

Sample wt/vol: 10.09 (g/ml) G Lab File ID: BN03529.D

Level: (low/med) LOW Date Received: 6/4/99

% Moisture: 12.85 decanted:(Y/N) N Date Extracted: 6/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/21/99

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	430	J
120-12-7	Anthracene	130	J
84-74-2	Di-n-butylphthalate	860	JB
206-44-0	Fluoranthene	770	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	370	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	730	J
117-81-7	bis(2-Ethylhexyl)phthalate	170	JB
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	430	J
207-08-9	Benzo[k]fluoranthene	340	J
50-32-8	Benzo[a]pyrene	390	J
193-39-5	Indeno[1,2,3-cd]pyrene	230	J
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	220	J

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
B-234

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4533.22

Sample wt/vol: 10.09 (g/ml) G Lab File ID: BN03529.D

Level: (low/med) LOW Date Received: 6/4/99

% Moisture: 12.85 decanted: (Y/N) N Date Extracted: 6/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/21/99

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. 000084-64-0	1,2-Benzenedicarboxylic acid, but	18.13	2300	JN
2. 018435-45-5	1-Nonadecene	23.56	8700	JN
3. 000112-88-9	1-Octadecene	25.07	10000	JN
4. 000000-00-0	1-Hexacosanal	26.06	6400	JN
5. 000112-95-8	Eicosane	26.45	4600	JN
6. 000124-25-4	Tetradecanal	27.41	6600	JN
7. 056554-90-6	13-Octadecenal	28.67	7600	JN

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-235

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4533.24

Sample wt/vol: 10 (g/ml) G Lab File ID: BN03505.D

Level: (low/med) LOW Date Received: 6/4/99

% Moisture: 10.75 decanted:(Y/N) N Date Extracted: 6/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/17/99

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
95-48-7	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
106-44-5	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
95-95-4	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

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-235

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4533.24

Sample wt/vol: 10 (g/ml) G Lab File ID: BN03505.D

Level: (low/med) LOW Date Received: 6/4/99

% Moisture: 10.75 decanted:(Y/N) N Date Extracted: 6/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/17/99

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	690	JB
206-44-0	Fluoranthene	180	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	160	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	190	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	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

EPA SAMPLE NO.

B-235

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4533.24

Sample wt/vol: 10 (g/ml) G Lab File ID: BN03505.D

Level: (low/med) LOW Date Received: 6/4/99

% Moisture: 10.75 decanted: (Y/N) N Date Extracted: 6/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/17/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 8 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	18.12	2000	JN
2. 000112-92-5	1-Octadecanol	23.55	6100	JN
3. 006971-40-0	17-Pentatriacontene	25.06	910	JN
4. 000112-95-8	Eicosane	26.43	590	JN
5. 000124-25-4	Tetradecanal	27.38	450	JN
6. 000629-96-9	1-Eicosanol	27.79	870	JN
7.	unknown	28.41	470	J
8. 000629-80-1	Hexadecanal	28.64	720	JN

002467

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-236

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4533.26

Sample wt/vol: 10.08 (g/ml) G Lab File ID: BN03506.D

Level: (low/med) LOW Date Received: 6/4/99

% Moisture: 13.06 decanted:(Y/N) N Date Extracted: 6/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/17/99

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
95-48-7	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
106-44-5	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
95-95-4	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

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-236

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4533.26

Sample wt/vol: 10.08 (g/ml) G Lab File ID: BN03506.D

Level: (low/med) LOW Date Received: 6/4/99

% Moisture: 13.06 decanted:(Y/N) N Date Extracted: 6/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/17/99

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	340	JB
206-44-0	Fluoranthene	120	J
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	110	J
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

B-236

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4533.26

Sample wt/vol: 10.08 (g/ml) G Lab File ID: BN03506.D

Level: (low/med) LOW Date Received: 6/4/99

% Moisture: 13.06 decanted: (Y/N) N Date Extracted: 6/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/17/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 5 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.12	610	JN
2. 001454-84-8	1-Nonadecanol	23.54	3000	JN
3.	unknown	25.05	460	J
4. 006971-40-0	17-Pentatriacontene	27.78	610	JN
5. 010486-19-8	Tridecanal	28.64	500	JN

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-237

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4533.28

Sample wt/vol: 10.1 (g/ml) G Lab File ID: BN03507.D

Level: (low/med) LOW Date Received: 6/4/99

% Moisture: 14.04 decanted:(Y/N) N Date Extracted: 6/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/17/99

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
95-48-7	2-Methylphenol	1200	U
108-60-1	bis(2-chloroisopropyl)ether	1200	U
106-44-5	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
95-95-4	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

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-237

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4533.28

Sample wt/vol: 10.1 (g/ml) G Lab File ID: BN03507.D

Level: (low/med) LOW Date Received: 6/4/99

% Moisture: 14.04 decanted:(Y/N) N Date Extracted: 6/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/17/99

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	230	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

EPA SAMPLE NO.

B-237

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4533.28

Sample wt/vol: 10.1 (g/ml) G Lab File ID: BN03507.D

Level: (low/med) LOW Date Received: 6/4/99

% Moisture: 14.04 decanted: (Y/N) N Date Extracted: 6/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/17/99

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.	unknown	18.11	650	J
2. 001454-84-8	1-Nonadecanol	23.54	5600	JN
3. 006971-40-0	17-Pentatriacontene	25.05	600	JN
4. 000629-96-9	1-Eicosanol	27.78	720	JN
5.	unknown	28.41	600	J

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-238

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4533.30

Sample wt/vol: 10.14 (g/ml) G Lab File ID: BN03508.D

Level: (low/med) LOW Date Received: 6/4/99

% Moisture: 8.03 decanted:(Y/N) N Date Extracted: 6/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/17/99

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
95-48-7	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
106-44-5	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
95-95-4	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

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-238

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4533.30

Sample wt/vol: 10.14 (g/ml) G Lab File ID: BN03508.D

Level: (low/med) LOW Date Received: 6/4/99

% Moisture: 8.03 decanted:(Y/N) N Date Extracted: 6/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/17/99

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	1100	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	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

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
B-238

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4533.30

Sample wt/vol: 10.14 (g/ml) G Lab File ID: BN03508.D

Level: (low/med) LOW Date Received: 6/4/99

% Moisture: 8.03 decanted: (Y/N) N Date Extracted: 6/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/17/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 13 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000087-44-5	Caryophyllene	13.08	2000	JN
2.	unknown	18.12	3200	J
3. 000122-69-0	Cinnamyl cinnamate	23.03	5200	JN
4. 001599-67-3	1-Docosene	23.55	6400	JN
5. 000506-52-5	1-Hexacosanol	25.05	1300	JN
6. 007098-22-8	Tetratetracontane	26.43	570	JN
7. 000638-66-4	Octadecanal	27.37	430	JN
8. 000630-06-8	Hexatriacontane	27.72	490	JN
9. 000629-96-9	1-Eicosanol	27.78	1000	JN
10.	unknown	28.41	470	J
11. 056554-87-1	16-Octadecenal	28.64	520	JN
12.	unknown	30.61	910	J
13.	unknown	30.81	490	J

002476

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-239

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4533.32

Sample wt/vol: 10.29 (g/ml) G Lab File ID: BN03516.D

Level: (low/med) LOW Date Received: 6/4/99

% Moisture: 9.86 decanted:(Y/N) N Date Extracted: 6/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/17/99

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
95-48-7	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
106-44-5	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
95-95-4	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

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-239

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4533.32

Sample wt/vol: 10.29 (g/ml) G Lab File ID: BN03516.D

Level: (low/med) LOW Date Received: 6/4/99

% Moisture: 9.86 decanted:(Y/N) N Date Extracted: 6/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/17/99

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	550	JB
206-44-0	Fluoranthene	110	J
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	120	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	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

EPA SAMPLE NO.

B-239

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4533.32

Sample wt/vol: 10.29 (g/ml) G Lab File ID: BN03516.D

Level: (low/med) LOW Date Received: 6/4/99

% Moisture: 9.86 decanted: (Y/N) N Date Extracted: 6/7/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/17/99

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	18.12	1100	J
2.	000511-15-9	2-Phenanthrenol, 4b,5,6,7,8,8a,9,	22.20	2000	JN
3.	000112-92-5	1-Octadecanol	23.54	5100	JN
4.	006624-79-9	1-Dotriacontanol	25.05	710	JN
5.	001454-84-8	1-Nonadecanol	27.79	1000	JN
6.		unknown	28.42	710	J
7.	007390-81-0	Oxirane, hexadecyl-	28.64	590	JN

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-240

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4533.34

Sample wt/vol: 10.68 (g/ml) G Lab File ID: BN03524.D

Level: (low/med) LOW Date Received: 6/4/99

% Moisture: 9.52 decanted:(Y/N) N Date Extracted: 6/15/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/21/99

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	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
95-48-7	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
106-44-5	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
95-95-4	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

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-240

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4533.34

Sample wt/vol: 10.68 (g/ml) G Lab File ID: BN03524.D

Level: (low/med) LOW Date Received: 6/4/99

% Moisture: 9.52 decanted:(Y/N) N Date Extracted: 6/15/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/21/99

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	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	240	J
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	700	JB
206-44-0	Fluoranthene	310	J
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	310	J
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	170	J
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	400	J
117-81-7	bis(2-Ethylhexyl)phthalate	170	J
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	170	J
207-08-9	Benzo[k]fluoranthene	160	J
50-32-8	Benzo[a]pyrene	150	J
193-39-5	Indeno[1,2,3-cd]pyrene	120	J
53-70-3	Dibenz[a,h]anthracene	1000	U
191-24-2	Benzo[g,h,i]perylene	130	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

B-240

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4533.34

Sample wt/vol: 10.68 (g/ml) G Lab File ID: BN03524.D

Level: (low/med) LOW Date Received: 6/4/99

% Moisture: 9.52 decanted: (Y/N) N Date Extracted: 6/15/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/21/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 19 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	18.12	1700	J
2. 074685-29-3	9-Eicosene, (E)-	21.90	520	JN
3. 000638-66-4	Octadecanal	23.04	900	JN
4. 001454-84-8	1-Nonadecanol	23.55	7400	JN
5. 015965-99-8	Oxirane, [(hexadecyloxy)methyl]-	24.32	780	JN
6. 000124-25-4	Tetradecanal	24.59	570	JN
7. 006971-40-0	17-Pentatriacontene	25.06	32000	JN
8. 056554-87-1	16-Octadecenal	26.04	11000	JN
9. 013287-24-6	Nonadecane, 9-methyl-	26.44	23000	JN
10.	unknown	26.58	4200	J
11. 000629-80-1	Hexadecanal	27.39	13000	JN
12. 006912-07-8	Hexadecane, 5-butyl-	27.73	16000	JN
13. 000112-88-9	1-Octadecene	27.79	13000	JN
14.	unknown	27.90	8700	J
15. 056554-90-6	13-Octadecenal	28.65	16000	JN
16.	unknown	29.13	9800	J
17.	unknown	29.35	8600	J
18. 056554-86-0	17-Octadecenal	29.93	9200	JN
19.	unknown	30.84	14000	J

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-241

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4533.36

Sample wt/vol: 10.64 (g/ml) G Lab File ID: BN03512.D

Level: (low/med) LOW Date Received: 6/4/99

% Moisture: 9.98 decanted:(Y/N) N Date Extracted: 6/15/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/17/99

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	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
95-48-7	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
106-44-5	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
95-95-4	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

002483

1C

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-241

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4533.36

Sample wt/vol: 10.64 (g/ml) G Lab File ID: BN03512.D

Level: (low/med) LOW Date Received: 6/4/99

% Moisture: 9.98 decanted:(Y/N) N Date Extracted: 6/15/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/17/99

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	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	210	J
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	800	JB
206-44-0	Fluoranthene	360	J
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	280	J
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	160	J
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	340	J
117-81-7	bis(2-Ethylhexyl)phthalate	150	J
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	170	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	120	J
53-70-3	Dibenz[a,h]anthracene	1000	U
191-24-2	Benzo[g,h,i]perylene	130	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

B-241

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4533.36

Sample wt/vol: 10.64 (g/ml) G Lab File ID: BN03512.D

Level: (low/med) LOW Date Received: 6/4/99

% Moisture: 9.98 decanted: (Y/N) N Date Extracted: 6/15/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/17/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 11 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	15.19	560	J
2. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.12	1900	JN
3. 001454-84-8	1-Nonadecanol	23.55	6000	JN
4.	unknown	25.05	990	J
5. 000629-99-2	Pentacosane	26.43	660	JN
6. 056554-90-6	13-Octadecenal	27.38	430	JN
7. 000630-07-9	Pentatriacontane	27.73	730	JN
8. 000629-96-9	1-Eicosanol	27.78	880	JN
9. 002765-11-9	Pentadecanal-	28.64	500	JN
10.	unknown	30.61	1000	J
11.	unknown	30.82	560	J

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-242

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4533.38

Sample wt/vol: 10.34 (g/ml) G Lab File ID: BN03520.D

Level: (low/med) LOW Date Received: 6/4/99

% Moisture: 5.76 decanted:(Y/N) N Date Extracted: 6/15/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/21/99

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	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
95-48-7	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
106-44-5	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	530	J
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
95-95-4	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

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-242

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4533.38

Sample wt/vol: 10.34 (g/ml) G Lab File ID: BN03520.D

Level: (low/med) LOW Date Received: 6/4/99

% Moisture: 5.76 decanted:(Y/N) N Date Extracted: 6/15/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/21/99

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	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	160	JB
206-44-0	Fluoranthene	110	J
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	100	J
117-81-7	bis(2-Ethylhexyl)phthalate	1000	U
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	1000	U
207-08-9	Benzo[k]fluoranthene	1000	U
50-32-8	Benzo[a]pyrene	1000	U
193-39-5	Indeno[1,2,3-cd]pyrene	1000	U
53-70-3	Dibenz[a,h]anthracene	1000	U
191-24-2	Benzo[g,h,i]perylene	1000	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
B-242

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4533.38

Sample wt/vol: 10.34 (g/ml) G Lab File ID: BN03520.D

Level: (low/med) LOW Date Received: 6/4/99

% Moisture: 5.76 decanted: (Y/N) N Date Extracted: 6/15/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/21/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 18 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000469-61-4	1H-3a,7-Methanoazulene, 2,3,4,7	12.99	450	JN
2. 000511-15-9	2-Phenanthrenol, 4b,5,6,7,8,8a,9,	22.20	950	JN
3. 001599-67-3	1-Docosene	23.55	7100	JN
4. 006971-40-0	17-Pentatriacontene	24.31	550	JN
5. 001454-84-8	1-Nonadecanol	25.05	2200	JN
6.	unknown	25.77	460	J
7. 000544-85-4	Dotriacontane	26.43	1100	JN
8. 000629-80-1	Hexadecanal	27.38	480	JN
9. 000638-68-6	Triacontane	27.72	1000	JN
10. 000629-96-9	1-Eicosanol	27.79	1400	JN
11.	unknown	27.89	690	J
12.	unknown	28.41	600	J
13.	unknown	28.64	500	J
14. 006624-79-9	1-Dotriacontanol	29.02	540	JN
15.	unknown	29.11	630	J
16.	unknown	30.51	420	J
17.	unknown	30.61	930	J
18.	unknown	30.81	940	J

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-243

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4533.40

Sample wt/vol: 10.25 (g/ml) G Lab File ID: BN03521.D

Level: (low/med) LOW Date Received: 6/4/99

% Moisture: 9.73 decanted:(Y/N) N Date Extracted: 6/15/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/21/99

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
95-48-7	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
106-44-5	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
95-95-4	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

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-243

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4533.40

Sample wt/vol: 10.25 (g/ml) G Lab File ID: BN03521.D

Level: (low/med) LOW Date Received: 6/4/99

% Moisture: 9.73 decanted:(Y/N) N Date Extracted: 6/15/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/21/99

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	210	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

EPA SAMPLE NO.
B-243

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4533.40

Sample wt/vol: 10.25 (g/ml) G Lab File ID: BN03521.D

Level: (low/med) LOW Date Received: 6/4/99

% Moisture: 9.73 decanted: (Y/N) N Date Extracted: 6/15/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/21/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 24 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 001454-84-8	1-Nonadecanol	23.55	6600	JN
2. 002461-18-9	Oxirane, [(dodecyloxy)methyl]-	25.05	25000	JN
3. 005076-20-0	Oxirane, tetramethyl-	25.18	1700	JN
4.	unknown	25.76	5300	J
5.	unknown	25.98	1800	J
6. 000638-66-4	Octadecanal	26.04	17000	JN
7. 000544-85-4	Dotriacontane	26.43	21000	JN
8.	unknown	26.58	4300	J
9. 000630-06-8	Hexatriacontane	27.08	2900	JN
10. 000629-80-1	Hexadecanal	27.38	14000	JN
11. 000629-97-0	Docosane	27.72	29000	JN
12. 000629-96-9	1-Eicosanol	27.78	17000	JN
13.	unknown	27.89	7900	J
14.	unknown	28.42	13000	J
15. 056554-90-6	13-Octadecenal	28.64	12000	JN
16.	unknown	28.72	13000	J
17. 000112-95-8	Eicosane	28.94	8500	JN
18. 000506-52-5	1-Hexacosanol	29.03	6300	JN
19.	unknown	29.12	8700	J
20. 000083-47-6	.gamma.-Sitosterol	29.22	10000	JN
21. 001058-61-3	Stigmast-4-en-3-one	30.15	5400	JN
22.	unknown	30.40	7700	J
23.	unknown	30.61	17000	J
24.	unknown	30.82	11000	J

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-244

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4533.42

Sample wt/vol: 9.93 (g/ml) G Lab File ID: BN03527.D

Level: (low/med) LOW Date Received: 6/4/99

% Moisture: 11.89 decanted:(Y/N) N Date Extracted: 6/15/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/21/99

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
95-48-7	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
106-44-5	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
95-95-4	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	180	J
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-244

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4533.42

Sample wt/vol: 9.93 (g/ml) G Lab File ID: BN03527.D

Level: (low/med) LOW Date Received: 6/4/99

% Moisture: 11.89 decanted:(Y/N) N Date Extracted: 6/15/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/21/99

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	350	J
120-12-7	Anthracene	270	J
84-74-2	Di-n-butylphthalate	190	JB
206-44-0	Fluoranthene	810	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	680	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	690	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1700	
117-81-7	bis(2-Ethylhexyl)phthalate	170	J
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	900	J
207-08-9	Benzo[k]fluoranthene	650	J
50-32-8	Benzo[a]pyrene	590	J
193-39-5	Indeno[1,2,3-cd]pyrene	390	J
53-70-3	Dibenz[a,h]anthracene	150	J
191-24-2	Benzo[g,h,i]perylene	330	J

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
B-244

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4533.42

Sample wt/vol: 9.93 (g/ml) G Lab File ID: BN03527.D

Level: (low/med) LOW Date Received: 6/4/99

% Moisture: 11.89 decanted: (Y/N) N Date Extracted: 6/15/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/21/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 16 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		unknown	15.18	480	J
2.		unknown	23.05	690	J
3.	018435-45-5	1-Nonadecene	23.55	5100	JN
4.	002461-18-9	Oxirane, [(dodecyloxy)methyl]-	25.06	2400	JN
5.	000638-66-4	Octadecanal	26.05	1600	JN
6.		unknown	26.49	4600	J
7.	056554-90-6	13-Octadecenal	27.40	2700	JN
8.	007098-22-8	Tetratetracontane	27.75	2400	JN
9.	074685-33-9	3-Eicosene, (E)-	27.81	1700	JN
10.	000629-80-1	Hexadecanal	28.68	1600	JN
11.	000112-95-8	Eicosane	28.97	860	JN
12.		unknown	29.62	890	J
13.		unknown	29.83	1700	J
14.		unknown	30.21	2400	J
15.		unknown	30.67	2100	J
16.		unknown	30.88	2700	J

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-245

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4533.44

Sample wt/vol: 10.21 (g/ml) G Lab File ID: BN03523.D

Level: (low/med) LOW Date Received: 6/4/99

% Moisture: 4 decanted:(Y/N) N Date Extracted: 6/15/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/21/99

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	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
95-48-7	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
106-44-5	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
95-95-4	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

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-245

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4533.44

Sample wt/vol: 10.21 (g/ml) G Lab File ID: BN03523.D

Level: (low/med) LOW Date Received: 6/4/99

% Moisture: 4 decanted:(Y/N) N Date Extracted: 6/15/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/21/99

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	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	330	JB
206-44-0	Fluoranthene	230	J
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	200	J
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	120	J
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	250	J
117-81-7	bis(2-Ethylhexyl)phthalate	1000	U
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	150	J
207-08-9	Benzo[k]fluoranthene	120	J
50-32-8	Benzo[a]pyrene	150	J
193-39-5	Indeno[1,2,3-cd]pyrene	120	J
53-70-3	Dibenz[a,h]anthracene	1000	U
191-24-2	Benzo[g,h,i]perylene	140	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

B-245

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4533.44

Sample wt/vol: 10.21 (g/ml) G Lab File ID: BN03523.D

Level: (low/med) LOW Date Received: 6/4/99

% Moisture: 4 decanted: (Y/N) N Date Extracted: 6/15/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/21/99

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. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.12	990	JN
2. 000112-92-5	1-Octadecanol	23.54	5500	JN
3. 002461-18-9	Oxirane, [(dodecyloxy)methyl]-	25.05	790	JN
4. 000124-25-4	Tetradecanal	26.03	530	JN
5. 056554-90-6	13-Octadecenal	27.38	1100	JN
6. 000629-78-7	Heptadecane	27.73	550	JN
7. 036653-82-4	1-Hexadecanol	27.79	840	JN
8. 000638-66-4	Octadecanal	28.64	420	JN

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-246

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4533.46

Sample wt/vol: 10.76 (g/ml) G Lab File ID: BN03532.D

Level: (low/med) LOW Date Received: 6/4/99

% Moisture: 5.95 decanted:(Y/N) N Date Extracted: 6/15/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/21/99

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	990	U
62-75-9	N-nitroso-dimethylamine	990	U
62-53-3	Aniline	990	U
108-95-2	Phenol	990	U
111-44-4	bis(2-Chloroethyl)ether	990	U
95-57-8	2-Chlorophenol	990	U
541-73-1	1,3-Dichlorobenzene	990	U
106-46-7	1,4-Dichlorobenzene	990	U
100-51-6	Benzyl alcohol	990	U
95-50-1	1,2-Dichlorobenzene	990	U
95-48-7	2-Methylphenol	990	U
108-60-1	bis(2-chloroisopropyl)ether	990	U
106-44-5	4-Methylphenol	990	U
621-64-7	n-Nitroso-di-n-propylamine	990	U
67-72-1	Hexachloroethane	990	U
98-95-3	Nitrobenzene	990	U
78-59-1	Isophorone	990	U
88-75-5	2-Nitrophenol	990	U
105-67-9	2,4-Dimethylphenol	990	U
111-91-1	bis(2-Chloroethoxy)methane	990	U
120-83-2	2,4-Dichlorophenol	990	U
65-85-0	Benzoic Acid	990	U
120-82-1	1,2,4-Trichlorobenzene	990	U
91-20-3	Naphthalene	990	U
106-47-8	4-Chloroaniline	990	U
87-68-3	Hexachlorobutadiene	990	U
59-50-7	4-Chloro-3-methylphenol	990	U
91-57-6	2-Methylnaphthalene	990	U
77-47-4	Hexachlorocyclopentadiene	990	U
88-06-2	2,4,6-Trichlorophenol	990	U
95-95-4	2,4,5-Trichlorophenol	990	U
91-58-7	2-Chloronaphthalene	990	U
88-74-4	2-Nitroaniline	990	U
131-11-3	Dimethylphthalate	990	U
208-96-8	Acenaphthylene	990	U
606-20-2	2,6-Dinitrotoluene	990	U
99-09-2	3-Nitroaniline	990	U

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EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-246

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4533.46

Sample wt/vol: 10.76 (g/ml) G Lab File ID: BN03532.D

Level: (low/med) LOW Date Received: 6/4/99

% Moisture: 5.95 decanted:(Y/N) N Date Extracted: 6/15/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/21/99

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	990	U
51-28-5	2,4-Dinitrophenol	990	U
132-64-9	Dibenzofuran	990	U
100-02-7	4-Nitrophenol	990	U
121-14-2	2,4-Dinitrotoluene	990	U
84-66-2	Diethylphthalate	990	U
86-73-7	Fluorene	990	U
7005-72-3	4-Chlorophenyl-phenylether	990	U
100-01-6	4-Nitroaniline	990	U
534-52-1	4,6-Dinitro-2-methylphenol	990	U
86-30-6	n-Nitrosodiphenylamine	990	U
103-33-3	Azobenzene	990	U
101-55-3	4-Bromophenyl-phenylether	990	U
118-74-1	Hexachlorobenzene	990	U
87-86-5	Pentachlorophenol	990	U
85-01-8	Phenanthrene	140	J
120-12-7	Anthracene	990	U
84-74-2	Di-n-butylphthalate	440	JB
206-44-0	Fluoranthene	290	J
92-87-5	Benzidine	990	U
129-00-0	Pyrene	260	J
85-68-7	Butylbenzylphthalate	990	U
56-55-3	Benzo[a]anthracene	150	J
91-94-1	3,3'-Dichlorobenzidine	990	U
218-01-9	Chrysene	370	J
117-81-7	bis(2-Ethylhexyl)phthalate	400	J
117-84-0	Di-n-octylphthalate	990	U
205-99-2	Benzo[b]fluoranthene	310	J
207-08-9	Benzo[k]fluoranthene	280	J
50-32-8	Benzo[a]pyrene	220	J
193-39-5	Indeno[1,2,3-cd]pyrene	140	J
53-70-3	Dibenz[a,h]anthracene	990	U
191-24-2	Benzo[g,h,i]perylene	170	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

B-246

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4533.46

Sample wt/vol: 10.76 (g/ml) G Lab File ID: BN03532.D

Level: (low/med) LOW Date Received: 6/4/99

% Moisture: 5.95 decanted: (Y/N) N Date Extracted: 6/15/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/21/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 5 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	18.13	1100	J
2. 074685-30-6	5-Eicosene, (E)-	23.58	6500	JN
3. 001599-67-3	1-Docosene	25.09	2200	JN
4. 000124-25-4	Tetradecanal	26.08	4000	JN
5. 000629-80-1	Hexadecanal	27.43	5700	JN

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-247

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4533.48

Sample wt/vol: 10.94 (g/ml) G Lab File ID: BN03522.D

Level: (low/med) LOW Date Received: 6/4/99

% Moisture: 7.27 decanted:(Y/N) N Date Extracted: 6/15/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/21/99

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	980	U
62-75-9	N-nitroso-dimethylamine	980	U
62-53-3	Aniline	980	U
108-95-2	Phenol	980	U
111-44-4	bis(2-Chloroethyl)ether	980	U
95-57-8	2-Chlorophenol	980	U
541-73-1	1,3-Dichlorobenzene	980	U
106-46-7	1,4-Dichlorobenzene	980	U
100-51-6	Benzyl alcohol	980	U
95-50-1	1,2-Dichlorobenzene	980	U
95-48-7	2-Methylphenol	980	U
108-60-1	bis(2-chloroisopropyl)ether	980	U
106-44-5	4-Methylphenol	980	U
621-64-7	n-Nitroso-di-n-propylamine	980	U
67-72-1	Hexachloroethane	980	U
98-95-3	Nitrobenzene	980	U
78-59-1	Isophorone	980	U
88-75-5	2-Nitrophenol	980	U
105-67-9	2,4-Dimethylphenol	980	U
111-91-1	bis(2-Chloroethoxy)methane	980	U
120-83-2	2,4-Dichlorophenol	980	U
65-85-0	Benzoic Acid	980	U
120-82-1	1,2,4-Trichlorobenzene	980	U
91-20-3	Naphthalene	980	U
106-47-8	4-Chloroaniline	980	U
87-68-3	Hexachlorobutadiene	980	U
59-50-7	4-Chloro-3-methylphenol	980	U
91-57-6	2-Methylnaphthalene	980	U
77-47-4	Hexachlorocyclopentadiene	980	U
88-06-2	2,4,6-Trichlorophenol	980	U
95-95-4	2,4,5-Trichlorophenol	980	U
91-58-7	2-Chloronaphthalene	980	U
88-74-4	2-Nitroaniline	980	U
131-11-3	Dimethylphthalate	980	U
208-96-8	Acenaphthylene	980	U
606-20-2	2,6-Dinitrotoluene	980	U
99-09-2	3-Nitroaniline	980	U

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EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-247

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4533.48

Sample wt/vol: 10.94 (g/ml) G Lab File ID: BN03522.D

Level: (low/med) LOW Date Received: 6/4/99

% Moisture: 7.27 decanted:(Y/N) N Date Extracted: 6/15/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/21/99

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	980	U
51-28-5	2,4-Dinitrophenol	980	U
132-64-9	Dibenzofuran	980	U
100-02-7	4-Nitrophenol	980	U
121-14-2	2,4-Dinitrotoluene	980	U
84-66-2	Diethylphthalate	980	U
86-73-7	Fluorene	980	U
7005-72-3	4-Chlorophenyl-phenylether	980	U
100-01-6	4-Nitroaniline	980	U
534-52-1	4,6-Dinitro-2-methylphenol	980	U
86-30-6	n-Nitrosodiphenylamine	980	U
103-33-3	Azobenzene	980	U
101-55-3	4-Bromophenyl-phenylether	980	U
118-74-1	Hexachlorobenzene	980	U
87-86-5	Pentachlorophenol	980	U
85-01-8	Phenanthrene	980	U
120-12-7	Anthracene	980	U
84-74-2	Di-n-butylphthalate	380	JB
206-44-0	Fluoranthene	980	U
92-87-5	Benzidine	980	U
129-00-0	Pyrene	980	U
85-68-7	Butylbenzylphthalate	980	U
56-55-3	Benzo[a]anthracene	980	U
91-94-1	3,3'-Dichlorobenzidine	980	U
218-01-9	Chrysene	980	U
117-81-7	bis(2-Ethylhexyl)phthalate	150	J
117-84-0	Di-n-octylphthalate	980	U
205-99-2	Benzo[b]fluoranthene	980	U
207-08-9	Benzo[k]fluoranthene	980	U
50-32-8	Benzo[a]pyrene	980	U
193-39-5	Indeno[1,2,3-cd]pyrene	980	U
53-70-3	Dibenz[a,h]anthracene	980	U
191-24-2	Benzo[g,h,i]perylene	980	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

B-247

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4533.48

Sample wt/vol: 10.94 (g/ml) G Lab File ID: BN03522.D

Level: (low/med) LOW Date Received: 6/4/99

% Moisture: 7.27 decanted: (Y/N) N Date Extracted: 6/15/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/21/99

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. 000089-19-0	1,2-Benzenedicarboxylic acid, but	18.11	770	JN
2. 001454-84-8	1-Nonadecanol	23.55	5700	JN
3. 006971-40-0	17-Pentatriacontene	25.05	910	JN
4. 000112-95-8	Eicosane	26.43	530	JN
5. 000629-97-0	Docosane	27.72	600	JN
6.	unknown	27.78	730	J
7.	unknown	28.41	740	J
8. 056554-87-1	16-Octadecenal	28.64	400	JN
9.	unknown	30.60	510	J
10.	unknown	30.81	700	J

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-248

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4533.50

Sample wt/vol: 9.84 (g/ml) G Lab File ID: BN03528.D

Level: (low/med) LOW Date Received: 6/4/99

% Moisture: 8.55 decanted:(Y/N) N Date Extracted: 6/15/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/21/99

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
95-48-7	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
106-44-5	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
95-95-4	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

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-248

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4533.50

Sample wt/vol: 9.84 (g/ml) G Lab File ID: BN03528.D

Level: (low/med) LOW Date Received: 6/4/99

% Moisture: 8.55 decanted:(Y/N) N Date Extracted: 6/15/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/21/99

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	250	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	1000	JB
206-44-0	Fluoranthene	740	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	590	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	370	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	600	J
117-81-7	bis(2-Ethylhexyl)phthalate	120	J
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	320	J
207-08-9	Benzo[k]fluoranthene	280	J
50-32-8	Benzo[a]pyrene	360	J
193-39-5	Indeno[1,2,3-cd]pyrene	230	J
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	230	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

B-248

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4533.50

Sample wt/vol: 9.84 (g/ml) G Lab File ID: BN03528.D

Level: (low/med) LOW Date Received: 6/4/99

% Moisture: 8.55 decanted: (Y/N) N Date Extracted: 6/15/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/21/99

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. 000084-64-0	1,2-Benzenedicarboxylic acid, but	18.13	2500	JN
2.	unknown	22.20	490	J
3. 001454-84-8	1-Nonadecanol	23.56	4700	JN
4.	unknown	25.06	2800	J
5. 000638-66-4	Octadecanal	26.05	2300	JN
6. 000544-85-4	Dotriacontane	26.45	2100	JN
7. 000000-00-0	1-Hexacosanal	27.40	3600	JN
8. 013287-24-6	Nonadecane, 9-methyl-	27.74	2300	JN
9. 000629-76-5	1-Pentadecanol	27.80	1600	JN
10. 056554-86-0	17-Octadecenal	28.66	1300	JN

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-249

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4533.52

Sample wt/vol: 9.9 (g/ml) G Lab File ID: BN03534.D

Level: (low/med) LOW Date Received: 6/4/99

% Moisture: 11.2 decanted:(Y/N) N Date Extracted: 6/15/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/21/99

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	330	J
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
95-48-7	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
106-44-5	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
95-95-4	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

002507

1C

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-249

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4533.52

Sample wt/vol: 9.9 (g/ml) G Lab File ID: BN03534.D

Level: (low/med) LOW Date Received: 6/4/99

% Moisture: 11.2 decanted:(Y/N) N Date Extracted: 6/15/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/21/99

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	370	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	690	JB
206-44-0	Fluoranthene	700	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	690	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	340	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	500	J
117-81-7	bis(2-Ethylhexyl)phthalate	120	J
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	410	J
207-08-9	Benzo[k]fluoranthene	330	J
50-32-8	Benzo[a]pyrene	360	J
193-39-5	Indeno[1,2,3-cd]pyrene	150	J
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	130	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

B-249

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4533.52

Sample wt/vol: 9.9 (g/ml) G Lab File ID: BN03534.D

Level: (low/med) LOW Date Received: 6/4/99

% Moisture: 11.2 decanted: (Y/N) N Date Extracted: 6/15/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/21/99

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. 000080-56-8	.alpha.-Pinene	5.49	620	JN
2.	unknown	5.90	540	J
3.	unknown	17.37	490	J
4.	unknown	18.13	1800	J
5.	unknown	19.92	570	J
6.	unknown	20.14	570	J
7. 000112-80-1	Oleic Acid	20.70	790	JN
8. 000057-11-4	Octadecanoic acid	20.90	630	JN
9.	unknown	21.03	460	J
10.	unknown	21.57	1800	J
11.	unknown	22.25	3700	J
12. 001740-19-8	1-Phenanthrenecarboxylic acid, 1	22.47	2200	JN
13. 000638-66-4	Octadecanal	23.07	860	JN
14. 000629-96-9	1-Eicosanol	23.59	4500	JN
15. 000629-80-1	Hexadecanal	26.08	4500	JN

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-250

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4533.54

Sample wt/vol: 9.98 (g/ml) G Lab File ID: BN03535.D

Level: (low/med) LOW Date Received: 6/4/99

% Moisture: 7.7 decanted:(Y/N) N Date Extracted: 6/15/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/21/99

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
95-48-7	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
106-44-5	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
95-95-4	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	250	J
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-250

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4533.54

Sample wt/vol: 9.98 (g/ml) G Lab File ID: BN03535.D

Level: (low/med) LOW Date Received: 6/4/99

% Moisture: 7.7 decanted:(Y/N) N Date Extracted: 6/15/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/21/99

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	440	J
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	130	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	440	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	5100	
120-12-7	Anthracene	2200	
84-74-2	Di-n-butylphthalate	310	JB
206-44-0	Fluoranthene	12000	E
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	12000	E
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	8100	E
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	12000	E
117-81-7	bis(2-Ethylhexyl)phthalate	120	J
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	9700	E
207-08-9	Benzo[k]fluoranthene	5000	
50-32-8	Benzo[a]pyrene	7200	E
193-39-5	Indeno[1,2,3-cd]pyrene	3100	
53-70-3	Dibenz[a,h]anthracene	1400	
191-24-2	Benzo[g,h,i]perylene	2600	

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

B-250

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4533.54

Sample wt/vol: 9.98 (g/ml) G Lab File ID: BN03535.D

Level: (low/med) LOW Date Received: 6/4/99

% Moisture: 7.7 decanted: (Y/N) N Date Extracted: 6/15/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/21/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 18 (ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		unknown	18.13	810	J
2.	000610-48-0	Anthracene, 1-methyl-	18.45	570	JN
3.	000613-12-7	Anthracene, 2-methyl-	18.51	780	JN
4.		unknown	18.68	1800	J
5.	000612-94-2	Naphthalene, 2-phenyl-	19.19	710	JN
6.	000243-17-4	11H-Benzo[b]fluorene	21.43	890	JN
7.		unknown	21.58	770	J
8.	000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	22.84	450	JN
9.		unknown	22.93	960	J
10.		unknown	23.68	970	J
11.		unknown	25.08	1000	J
12.	000205-82-3	Benzo[j]fluoranthene	26.01	2300	JN
13.	000629-80-1	Hexadecanal	26.07	1200	JN
14.		unknown	26.23	900	J
15.	000192-97-2	Benzo[e]pyrene	26.36	5600	JN
16.		unknown	27.40	2100	J
17.	000629-59-4	Tetradecane	27.75	1200	JN
18.	000193-39-5	Indeno[1,2,3-cd]pyrene	28.34	900	JN

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-250

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4533.54 (1:5)

Sample wt/vol: 9.98 (g/ml) G Lab File ID: BN03538.D

Level: (low/med) LOW Date Received: 6/4/99

% Moisture: 7.7 decanted:(Y/N) N Date Extracted: 6/15/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/22/99

Injection Volume: 1.0 (uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (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
95-48-7	2-Methylphenol	5400	U
108-60-1	bis(2-chloroisopropyl)ether	5400	U
106-44-5	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
95-95-4	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

002513

1C

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-250

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4533 Location: M-8 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4533.54 (1:5)

Sample wt/vol: 9.98 (g/ml) G Lab File ID: BN03538.D

Level: (low/med) LOW Date Received: 6/4/99

% Moisture: 7.7 decanted:(Y/N) N Date Extracted: 6/15/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/22/99

Injection Volume: 1.0 (uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (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	5700	D
120-12-7	Anthracene	2000	JD
84-74-2	Di-n-butylphthalate	5400	U
206-44-0	Fluoranthene	16000	D
92-87-5	Benzidine	5400	U
129-00-0	Pyrene	14000	D
85-68-7	Butylbenzylphthalate	5400	U
56-55-3	Benzo[a]anthracene	7900	D
91-94-1	3,3'-Dichlorobenzidine	5400	U
218-01-9	Chrysene	13000	D
117-81-7	bis(2-Ethylhexyl)phthalate	5400	U
117-84-0	Di-n-octylphthalate	5400	U
205-99-2	Benzo[b]fluoranthene	7200	D
207-08-9	Benzo[k]fluoranthene	4900	JD
50-32-8	Benzo[a]pyrene	7300	D
193-39-5	Indeno[1,2,3-cd]pyrene	4800	JD
53-70-3	Dibenz[a,h]anthracene	2000	JD
191-24-2	Benzo[g,h,i]perylene	4900	JD

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS

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

WET-CHEM - METALS - ORGANICS - FIELD SAMPLING

CERTIFICATIONS: NJDEP #13461, NYSDOH #11699

ANALYTICAL DATA REPORT
Fort Monmouth Environmental Laboratory
ENVIRONMENTAL DIVISION
Fort Monmouth, New Jersey
PROJECT: M-8 Landfill

M-8/Landfill
Volume IV

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PEST/PCB'S

METHOD BLANKS

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	BLK 241
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	11/12/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/16/98
Analysis:	SW-846 Method 8081/8082	**Location :**	
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	100.00	0.0003	ND	NLE
beta-BHC	1	100.00	0.0003	ND	NLE
gamma-BHC	1	100.00	0.0004	ND	0.52
delta-BHC	1	100.00	0.0004	ND	NLE
Heptachlor	1	100.00	0.0003	ND	0.15
Aldrin	1	100.00	0.0004	ND	0.04
Heptachlor Epoxide	1	100.00	0.0006	ND	NLE
Endosulfan I	1	100.00	0.0005	ND	NLE
4,4'-DDE	1	100.00	0.0004	ND	2
Dieldrin	1	100.00	0.0005	ND	0.042
Endrin	1	100.00	0.0005	ND	17
Endosulfan II	1	100.00	0.0004	ND	NLE
4,4'-DDD	1	100.00	0.0006	ND	3
Endrin Aldehyde	1	100.00	0.0005	ND	NLE
4,4'-DDT	1	100.00	0.0011	ND	2
Endosulfan-Sulfate	1	100.00	0.0004	ND	NLE
gamma -Chlordane	1	100.00	0.0005	ND	NLE
alpha-Chlordane	1	100.00	0.0005	ND	NLE
Toxaphene	1	100.00	0.0003	ND	0.1
Arochlor 1016	1	100.00	0.0112	ND	0.49
Arochlor 1221	1	100.00	0.0206	ND	0.49
Arochlor 1232	1	100.00	0.0140	ND	0.49
Arochlor 1242	1	100.00	0.0160	ND	0.49
Arochlor 1248	1	100.00	0.0064	ND	0.49
Arochlor 1254	1	100.00	0.0040	ND	0.49
Arochlor 1260	1	100.00	0.0036	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002517

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	BLK255
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	12/1/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/29/98
Analysis:	SW-846 Method 8081/8082	**Location :**	
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	100.00	0.0003	ND	NLE
beta-BHC	1	100.00	0.0003	ND	NLE
gamma-BHC	1	100.00	0.0004	ND	0.52
delta-BHC	1	100.00	0.0004	ND	NLE
Heptachlor	1	100.00	0.0003	ND	0.15
Aldrin	1	100.00	0.0004	ND	0.04
Heptachlor Epoxide	1	100.00	0.0006	ND	NLE
Endosulfan I	1	100.00	0.0005	ND	NLE
4,4'-DDE	1	100.00	0.0004	ND	2
Dieldrin	1	100.00	0.0005	ND	0.042
Endrin	1	100.00	0.0005	ND	17
Endosulfan II	1	100.00	0.0004	ND	NLE
4,4'-DDD	1	100.00	0.0006	ND	3
Endrin Aldehyde	1	100.00	0.0005	ND	NLE
4,4'-DDT	1	100.00	0.0011	ND	2
Endosulfan-Sulfate	1	100.00	0.0004	ND	NLE
gamma -Chlordane	1	100.00	0.0005	ND	NLE
alpha-Chlordane	1	100.00	0.0005	ND	NLE
Toxaphene	1	100.00	0.0003	ND	0.1
Arochlor 1016	1	100.00	0.0112	ND	0.49
Arochlor 1221	1	100.00	0.0206	ND	0.49
Arochlor 1232	1	100.00	0.0140	ND	0.49
Arochlor 1242	1	100.00	0.0160	ND	0.49
Arochlor 1248	1	100.00	0.0064	ND	0.49
Arochlor 1254	1	100.00	0.0040	ND	0.49
Arochlor 1260	1	100.00	0.0036	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	BLK262
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	12/18/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/8/99
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 # :**	BLK263
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	12/21/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/21/99
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 # :**	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 # :**	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

002522

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	BLK224
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	1/21/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/6/99
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 # :**	BLK310
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	3/17/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/29/99
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
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

002524

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	BLK311
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	3/18/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/29/99
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
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 # :**	BLK312
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	3/22/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/29/99
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
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

002526

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	BLK314
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	3/30/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	4/27/99
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 # :**	BLK315
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	3/30/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	4/29/99
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	10	100.00	0.0030	ND	NLE
beta-BHC	10	100.00	0.0030	ND	NLE
gamma-BHC	10	100.00	0.0040	ND	0.52
delta-BHC	10	100.00	0.0040	ND	NLE
Heptachlor	10	100.00	0.0030	ND	0.15
Aldrin	10	100.00	0.0040	ND	0.04
Heptachlor Epoxide	10	100.00	0.0060	ND	NLE
Endosulfan I	10	100.00	0.0050	ND	NLE
4,4'-DDE	10	100.00	0.0040	ND	2
Dieldrin	10	100.00	0.0050	ND	0.042
Endrin	10	100.00	0.0050	ND	17
Endosulfan II	10	100.00	0.0040	ND	NLE
4,4'-DDD	10	100.00	0.0060	ND	3
Endrin Aldehyde	10	100.00	0.0050	ND	NLE
4,4'-DDT	10	100.00	0.0110	ND	2
Endosulfan-Sulfate	10	100.00	0.0040	ND	NLE
gamma -Chlordane	10	100.00	0.0050	ND	NLE
alpha-Chlordane	10	100.00	0.0050	ND	NLE
Toxaphene	10	100.00	0.0030	ND	0.1
Arochlor 1016	10	100.00	0.1120	ND	0.49
Arochlor 1221	10	100.00	0.2060	ND	0.49
Arochlor 1232	10	100.00	0.1400	ND	0.49
Arochlor 1242	10	100.00	0.1600	ND	0.49
Arochlor 1248	10	100.00	0.0640	ND	0.49
Arochlor 1254	10	100.00	0.0400	ND	0.49
Arochlor 1260	10	100.00	0.0360	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002528

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	BLK316
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	4/1/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	4/30/99
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/.25ur

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	BLK317
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	4/2/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/4/99
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

002530

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	BLK318
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/1/99
	Bldg. 173	**Extraction Date:**	4/6/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/6/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
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 # :**	BLK319
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	4/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/7/99
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/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	BLK320
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	4/12/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/6/99
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/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	BLK321
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	4/12/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/7/99
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

002534

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	BLK322
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	4/15/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/13/99
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 # :**	BLK334
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	5/12/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/19/99
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 # :**	BLK335
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	5/14/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/20/99
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

002537

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	BLK336
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	5/18/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/21/99
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/.25ur

002538

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	BLK337
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	5/19/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/25/99
Analysis:	SW-846 Method 8081/8082	**Location :**	
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	

	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-CLPesticide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPesticide2 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	BLK338
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	5/19/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/27/99
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/.25ur

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	BLK339
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	5/21/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/1/99
Analysis:	SW-846 Method 8081/8082	**Location :**	
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	

	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-CLPesticide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPesticide2 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	BLK348
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	6/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/25/99
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/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002542

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	BLK353
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	6/14/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	7/9/99
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/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	BLK355
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	6/14/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	7/10/99
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
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/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002544

FIELD DUPLICATES

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4145.36
	DPW. SELFM-PW-EV	**Date Rec'd:**	12/16/98
	Bldg. 173	**Extraction Date:**	12/24/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/22/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
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	76.68	0.0071	ND	NLE
beta-BHC	20	76.68	0.0071	ND	NLE
gamma-BHC	20	76.68	0.0094	ND	0.52
delta-BHC	20	76.68	0.0094	ND	NLE
Heptachlor	20	76.68	0.0071	ND	0.15
Aldrin	20	76.68	0.0094	ND	0.04
Heptachlor Epoxide	20	76.68	0.0141	ND	NLE
Endosulfan I	20	76.68	0.0118	ND	NLE
4,4'-DDE	20	76.68	0.0094	0.101	2
Dieldrin	20	76.68	0.0118	ND	0.042
Endrin	20	76.68	0.0118	ND	17
Endosulfan II	20	76.68	0.0094	ND	NLE
4,4'-DDD	20	76.68	0.0141	0.250	3
Endrin Aldehyde	20	76.68	0.0118	ND	NLE
4,4'-DDT	20	76.68	0.0259	0.035	2
Endosulfan-Sulfate	20	76.68	0.0094	ND	NLE
gamma -Chlordane	20	76.68	0.0118	0.051	NLE
alpha-Chlordane	20	76.68	0.0118	0.016	NLE
Toxaphene	20	76.68	0.0071	ND	0.1
Arochlor 1016	20	76.68	0.2639	ND	0.49
Arochlor 1221	20	76.68	0.4854	ND	0.49
Arochlor 1232	20	76.68	0.3299	ND	0.49
Arochlor 1242	20	76.68	0.3770	ND	0.49
Arochlor 1248	20	76.68	0.1508	ND	0.49
Arochlor 1254	20	76.68	0.0942	ND	0.49
Arochlor 1260	20	76.68	0.0848	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4382.26
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/30/99
	Bldg. 173	**Extraction Date:**	4/1/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/4/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
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	20	74.53	0.0079	ND	NLE
beta-BHC	20	74.53	0.0079	ND	NLE
gamma-BHC	20	74.53	0.0106	ND	0.52
delta-BHC	20	74.53	0.0106	ND	NLE
Heptachlor	20	74.53	0.0079	ND	0.15
Aldrin	20	74.53	0.0106	ND	0.04
Heptachlor Epoxide	20	74.53	0.0158	ND	NLE
Endosulfan I	20	74.53	0.0132	ND	NLE
4,4'-DDE	20	74.53	0.0106	0.127	2
Dieldrin	20	74.53	0.0132	ND	0.042
Endrin	20	74.53	0.0132	ND	17
Endosulfan II	20	74.53	0.0106	ND	NLE
4,4'-DDD	20	74.53	0.0158	0.160	3
Endrin Aldehyde	20	74.53	0.0132	ND	NLE
4,4'-DDT	20	74.53	0.0290	0.044	2
Endosulfan-Sulfate	20	74.53	0.0106	ND	NLE
gamma -Chlordane	20	74.53	0.0132	0.072	NLE
alpha-Chlordane	20	74.53	0.0132	0.045	NLE
Toxaphene	20	74.53	0.0079	ND	0.1
Arochlor 1016	1	74.53	0.0148	ND	0.49
Arochlor 1221	1	74.53	0.0272	ND	0.49
Arochlor 1232	1	74.53	0.0185	ND	0.49
Arochlor 1242	50	74.53	1.0555	20.585	0.49
Arochlor 1248	1	74.53	0.0084	ND	0.49
Arochlor 1254	1	74.53	0.0053	ND	0.49
Arochlor 1260	1	74.53	0.0047	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4382.36
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/30/99
	Bldg. 173	**Extraction Date:**	4/2/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/4/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
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	20	95.34	0.0058	ND	NLE
beta-BHC	20	95.34	0.0058	ND	NLE
gamma-BHC	20	95.34	0.0078	ND	0.52
delta-BHC	20	95.34	0.0078	ND	NLE
Heptachlor	20	95.34	0.0058	ND	0.15
Aldrin	20	95.34	0.0078	ND	0.04
Heptachlor Epoxide	20	95.34	0.0117	ND	NLE
Endosulfan I	20	95.34	0.0097	ND	NLE
4,4'-DDE	20	95.34	0.0078	0.019	2
Dieldrin	20	95.34	0.0097	ND	0.042
Endrin	20	95.34	0.0097	ND	17
Endosulfan II	20	95.34	0.0078	ND	NLE
4,4'-DDD	20	95.34	0.0117	0.018	3
Endrin Aldehyde	20	95.34	0.0097	ND	NLE
4,4'-DDT	20	95.34	0.0214	0.062	2
Endosulfan-Sulfate	20	95.34	0.0078	ND	NLE
gamma -Chlordane	20	95.34	0.0097	0.012	NLE
alpha-Chlordane	20	95.34	0.0097	ND	NLE
Toxaphene	20	95.34	0.0058	ND	0.1
Arochlor 1016	20	95.34	0.2182	ND	0.49
Arochlor 1221	20	95.34	0.4012	ND	0.49
Arochlor 1232	20	95.34	0.2727	ND	0.49
Arochlor 1242	20	95.34	0.3116	ND	0.49
Arochlor 1248	20	95.34	0.1247	ND	0.49
Arochlor 1254	20	95.34	0.0779	ND	0.49
Arochlor 1260	20	95.34	0.0701	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002548

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4394.24
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/5/99
	Bldg. 173	**Extraction Date:**	4/6/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/7/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
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	20	84.03	0.0071	ND	NLE
beta-BHC	20	84.03	0.0071	ND	NLE
gamma-BHC	20	84.03	0.0094	ND	0.52
delta-BHC	20	84.03	0.0094	ND	NLE
Heptachlor	20	84.03	0.0071	ND	0.15
Aldrin	20	84.03	0.0094	ND	0.04
Heptachlor Epoxide	20	84.03	0.0141	ND	NLE
Endosulfan I	20	84.03	0.0118	ND	NLE
4,4'-DDE	20	84.03	0.0094	0.030	2
Dieldrin	20	84.03	0.0118	ND	0.042
Endrin	20	84.03	0.0118	ND	17
Endosulfan II	20	84.03	0.0094	ND	NLE
4,4'-DDD	20	84.03	0.0141	0.022	3
Endrin Aldehyde	20	84.03	0.0118	ND	NLE
4,4'-DDT	20	84.03	0.0259	0.065	2
Endosulfan-Sulfate	20	84.03	0.0094	ND	NLE
gamma -Chlordane	20	84.03	0.0118	0.018	NLE
alpha-Chlordane	20	84.03	0.0118	ND	NLE
Toxaphene	20	84.03	0.0071	ND	0.1
Arochlor 1016	20	84.03	0.2637	ND	0.49
Arochlor 1221	20	84.03	0.4850	ND	0.49
Arochlor 1232	20	84.03	0.3296	ND	0.49
Arochlor 1242	20	84.03	0.3767	ND	0.49
Arochlor 1248	20	84.03	0.1507	ND	0.49
Arochlor 1254	20	84.03	0.0942	ND	0.49
Arochlor 1260	20	84.03	0.0848	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002549

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4394.46
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/5/99
	Bldg. 173	**Extraction Date:**	4/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/7/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	Dupe II

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	90.53	0.0064	ND	NLE
beta-BHC	20	90.53	0.0064	ND	NLE
gamma-BHC	20	90.53	0.0086	ND	0.52
delta-BHC	20	90.53	0.0086	ND	NLE
Heptachlor	20	90.53	0.0064	ND	0.15
Aldrin	20	90.53	0.0086	ND	0.04
Heptachlor Epoxide	20	90.53	0.0129	ND	NLE
Endosulfan I	20	90.53	0.0107	ND	NLE
4,4'-DDE	20	90.53	0.0086	0.019	2
Dieldrin	20	90.53	0.0107	ND	0.042
Endrin	20	90.53	0.0107	ND	17
Endosulfan II	20	90.53	0.0086	ND	NLE
4,4'-DDD	20	90.53	0.0129	0.015	3
Endrin Aldehyde	20	90.53	0.0107	ND	NLE
4,4'-DDT	20	90.53	0.0236	0.025	2
Endosulfan-Sulfate	20	90.53	0.0086	ND	NLE
gamma -Chlordane	20	90.53	0.0107	ND	NLE
alpha-Chlordane	20	90.53	0.0107	ND	NLE
Toxaphene	20	90.53	0.0064	ND	0.1
Arochlor 1016	20	90.53	0.2405	ND	0.49
Arochlor 1221	20	90.53	0.4423	ND	0.49
Arochlor 1232	20	90.53	0.3006	ND	0.49
Arochlor 1242	20	90.53	0.3435	ND	0.49
Arochlor 1248	20	90.53	0.1374	ND	0.49
Arochlor 1254	20	90.53	0.0859	ND	0.49
Arochlor 1260	20	90.53	0.0773	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

002550

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4401.38
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/8/99
	Bldg. 173	**Extraction Date:**	4/12/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/7/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
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	20	91.52	0.0063	ND	NLE
beta-BHC	20	91.52	0.0063	ND	NLE
gamma-BHC	20	91.52	0.0084	ND	0.52
delta-BHC	20	91.52	0.0084	ND	NLE
Heptachlor	20	91.52	0.0063	ND	0.15
Aldrin	20	91.52	0.0084	ND	0.04
Heptachlor Epoxide	20	91.52	0.0126	ND	NLE
Endosulfan I	20	91.52	0.0105	ND	NLE
4,4'-DDE	20	91.52	0.0084	0.010	2
Dieldrin	20	91.52	0.0105	ND	0.042
Endrin	20	91.52	0.0105	ND	17
Endosulfan II	20	91.52	0.0084	ND	NLE
4,4'-DDD	20	91.52	0.0126	ND	3
Endrin Aldehyde	20	91.52	0.0105	ND	NLE
4,4'-DDT	20	91.52	0.0231	ND	2
Endosulfan-Sulfate	20	91.52	0.0084	ND	NLE
gamma -Chlordane	20	91.52	0.0105	ND	NLE
alpha-Chlordane	20	91.52	0.0105	ND	NLE
Toxaphene	20	91.52	0.0063	ND	0.1
Arochlor 1016	20	91.52	0.2356	ND	0.49
Arochlor 1221	20	91.52	0.4333	ND	0.49
Arochlor 1232	20	91.52	0.2945	ND	0.49
Arochlor 1242	20	91.52	0.3365	ND	0.49
Arochlor 1248	20	91.52	0.1346	ND	0.49
Arochlor 1254	20	91.52	0.0841	ND	0.49
Arochlor 1260	20	91.52	0.0757	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4401.40
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/8/99
	Bldg. 173	**Extraction Date:**	4/12/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/7/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	DupeII

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	86.87	0.0069	ND	NLE
beta-BHC	20	86.87	0.0069	ND	NLE
gamma-BHC	20	86.87	0.0092	ND	0.52
delta-BHC	20	86.87	0.0092	ND	NLE
Heptachlor	20	86.87	0.0069	ND	0.15
Aldrin	20	86.87	0.0092	ND	0.04
Heptachlor Epoxide	20	86.87	0.0137	ND	NLE
Endosulfan I	20	86.87	0.0115	ND	NLE
4,4'-DDE	20	86.87	0.0092	ND	2
Dieldrin	20	86.87	0.0115	ND	0.042
Endrin	20	86.87	0.0115	ND	17
Endosulfan II	20	86.87	0.0092	ND	NLE
4,4'-DDD	20	86.87	0.0137	ND	3
Endrin Aldehyde	20	86.87	0.0115	ND	NLE
4,4'-DDT	20	86.87	0.0252	ND	2
Endosulfan-Sulfate	20	86.87	0.0092	ND	NLE
gamma -Chlordane	20	86.87	0.0115	ND	NLE
alpha-Chlordane	20	86.87	0.0115	ND	NLE
Toxaphene	20	86.87	0.0069	ND	0.1
Arochlor 1016	20	86.87	0.2566	ND	0.49
Arochlor 1221	20	86.87	0.4719	ND	0.49
Arochlor 1232	20	86.87	0.3207	ND	0.49
Arochlor 1242	20	86.87	0.3665	ND	0.49
Arochlor 1248	20	86.87	0.1466	ND	0.49
Arochlor 1254	20	86.87	0.0916	ND	0.49
Arochlor 1260	20	86.87	0.0825	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002552

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4405.26
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/9/99
	Bldg. 173	**Extraction Date:**	4/12/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/11/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
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	20	84.03	0.0071	ND	NLE
beta-BHC	20	84.03	0.0071	ND	NLE
gamma-BHC	20	84.03	0.0094	ND	0.52
delta-BHC	20	84.03	0.0094	ND	NLE
Heptachlor	20	84.03	0.0071	ND	0.15
Aldrin	20	84.03	0.0094	ND	0.04
Heptachlor Epoxide	20	84.03	0.0142	ND	NLE
Endosulfan I	20	84.03	0.0118	ND	NLE
4,4'-DDE	20	84.03	0.0094	0.098	2
Dieldrin	20	84.03	0.0118	0.027	0.042
Endrin	20	84.03	0.0118	ND	17
Endosulfan II	20	84.03	0.0094	ND	NLE
4,4'-DDD	20	84.03	0.0142	0.104	3
Endrin Aldehyde	20	84.03	0.0118	ND	NLE
4,4'-DDT	20	84.03	0.0259	0.044	2
Endosulfan-Sulfate	20	84.03	0.0094	ND	NLE
gamma -Chlordane	20	84.03	0.0118	0.046	NLE
alpha-Chlordane	20	84.03	0.0118	0.027	NLE
Toxaphene	20	84.03	0.0071	ND	0.1
Arochlor 1016	20	84.03	0.2642	ND	0.49
Arochlor 1221	20	84.03	0.4859	ND	0.49
Arochlor 1232	20	84.03	0.3302	ND	0.49
Arochlor 1242	20	84.03	0.3774	ND	0.49
Arochlor 1248	20	84.03	0.1510	ND	0.49
Arochlor 1254	20	84.03	0.0944	ND	0.49
Arochlor 1260	20	84.03	0.0849	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4413.28
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/13/99
	Bldg. 173	**Extraction Date:**	4/15/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/14/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
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	20	80.53	0.0072	ND	NLE
beta-BHC	20	80.53	0.0072	ND	NLE
gamma-BHC	20	80.53	0.0096	ND	0.52
delta-BHC	20	80.53	0.0096	ND	NLE
Heptachlor	20	80.53	0.0072	ND	0.15
Aldrin	20	80.53	0.0096	ND	0.04
Heptachlor Epoxide	20	80.53	0.0144	ND	NLE
Endosulfan I	20	80.53	0.0120	ND	NLE
4,4'-DDE	20	80.53	0.0096	0.029	2
Dieldrin	20	80.53	0.0120	ND	0.042
Endrin	20	80.53	0.0120	ND	17
Endosulfan II	20	80.53	0.0096	ND	NLE
4,4'-DDD	20	80.53	0.0144	0.089	3
Endrin Aldehyde	20	80.53	0.0120	ND	NLE
4,4'-DDT	20	80.53	0.0264	0.036	2
Endosulfan-Sulfate	20	80.53	0.0096	ND	NLE
gamma -Chlordane	20	80.53	0.0120	0.034	NLE
alpha-Chlordane	20	80.53	0.0120	0.019	NLE
Toxaphene	20	80.53	0.0072	ND	0.1
Arochlor 1016	5	80.53	0.0673	ND	0.49
Arochlor 1221	5	80.53	0.1238	ND	0.49
Arochlor 1232	5	80.53	0.0841	ND	0.49
Arochlor 1242	5	80.53	0.0962	ND	0.49
Arochlor 1248	5	80.53	0.0385	ND	0.49
Arochlor 1254	5	80.53	0.0240	ND	0.49
Arochlor 1260	5	80.53	0.0216	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002554

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4469.12
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/7/99
	Bldg. 173	**Extraction Date:**	5/12/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/19/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
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	20	85.13	0.0069	ND	NLE
beta-BHC	20	85.13	0.0069	ND	NLE
gamma-BHC	20	85.13	0.0092	ND	0.52
delta-BHC	20	85.13	0.0092	ND	NLE
Heptachlor	20	85.13	0.0069	ND	0.15
Aldrin	20	85.13	0.0092	ND	0.04
Heptachlor Epoxide	20	85.13	0.0138	ND	NLE
Endosulfan I	20	85.13	0.0115	ND	NLE
4,4'-DDE	20	85.13	0.0092	0.013	2
Dieldrin	20	85.13	0.0115	ND	0.042
Endrin	20	85.13	0.0115	ND	17
Endosulfan II	20	85.13	0.0092	ND	NLE
4,4'-DDD	20	85.13	0.0138	0.030	3
Endrin Aldehyde	20	85.13	0.0115	ND	NLE
4,4'-DDT	20	85.13	0.0253	ND	2
Endosulfan-Sulfate	20	85.13	0.0092	ND	NLE
gamma -Chlordane	20	85.13	0.0115	ND	NLE
alpha-Chlordane	20	85.13	0.0115	ND	NLE
Toxaphene	20	85.13	0.0069	ND	0.1
Arochlor 1016	20	85.13	0.2575	ND	0.49
Arochlor 1221	20	85.13	0.4735	ND	0.49
Arochlor 1232	20	85.13	0.3218	ND	0.49
Arochlor 1242	20	85.13	0.3678	ND	0.49
Arochlor 1248	20	85.13	0.1471	ND	0.49
Arochlor 1254	20	85.13	0.0920	ND	0.49
Arochlor 1260	20	85.13	0.0828	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002555

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4473.12
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/10/99
	Bldg. 173	**Extraction Date:**	5/14/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/20/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
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	20	93.33	0.0063	ND	NLE
beta-BHC	20	93.33	0.0063	ND	NLE
gamma-BHC	20	93.33	0.0084	ND	0.52
delta-BHC	20	93.33	0.0084	ND	NLE
Heptachlor	20	93.33	0.0063	ND	0.15
Aldrin	20	93.33	0.0084	ND	0.04
Heptachlor Epoxide	20	93.33	0.0126	ND	NLE
Endosulfan I	20	93.33	0.0105	ND	NLE
4,4'-DDE	20	93.33	0.0084	0.097	2
Dieldrin	20	93.33	0.0105	ND	0.042
Endrin	20	93.33	0.0105	ND	17
Endosulfan II	20	93.33	0.0084	ND	NLE
4,4'-DDD	20	93.33	0.0126	0.181	3
Endrin Aldehyde	20	93.33	0.0105	ND	NLE
4,4'-DDT	20	93.33	0.0231	0.234	2
Endosulfan-Sulfate	20	93.33	0.0084	ND	NLE
gamma -Chlordane	20	93.33	0.0105	0.021	NLE
alpha-Chlordane	20	93.33	0.0105	0.018	NLE
Toxaphene	20	93.33	0.0063	ND	0.1
Arochlor 1016	20	93.33	0.2355	ND	0.49
Arochlor 1221	20	93.33	0.4332	ND	0.49
Arochlor 1232	20	93.33	0.2944	ND	0.49
Arochlor 1242	20	93.33	0.3365	ND	0.49
Arochlor 1248	20	93.33	0.1346	ND	0.49
Arochlor 1254	20	93.33	0.0841	ND	0.49
Arochlor 1260	20	93.33	0.0757	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002556

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4474.12
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/11/99
	Bldg. 173	**Extraction Date:**	5/14/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/21/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
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	20	89.66	0.0066	ND	NLE
beta-BHC	20	89.66	0.0066	ND	NLE
gamma-BHC	20	89.66	0.0088	ND	0.52
delta-BHC	20	89.66	0.0088	ND	NLE
Heptachlor	20	89.66	0.0066	ND	0.15
Aldrin	20	89.66	0.0088	ND	0.04
Heptachlor Epoxide	20	89.66	0.0133	ND	NLE
Endosulfan I	20	89.66	0.0111	ND	NLE
4,4'-DDE	20	89.66	0.0088	ND	2
Dieldrin	20	89.66	0.0111	ND	0.042
Endrin	20	89.66	0.0111	ND	17
Endosulfan II	20	89.66	0.0088	ND	NLE
4,4'-DDD	20	89.66	0.0133	ND	3
Endrin Aldehyde	20	89.66	0.0111	ND	NLE
4,4'-DDT	20	89.66	0.0243	ND	2
Endosulfan-Sulfate	20	89.66	0.0088	ND	NLE
gamma -Chlordane	20	89.66	0.0111	ND	NLE
alpha-Chlordane	20	89.66	0.0111	ND	NLE
Toxaphene	20	89.66	0.0066	ND	0.1
Arochlor 1016	20	89.66	0.2476	ND	0.49
Arochlor 1221	20	89.66	0.4554	ND	0.49
Arochlor 1232	20	89.66	0.3095	ND	0.49
Arochlor 1242	20	89.66	0.3537	ND	0.49
Arochlor 1248	20	89.66	0.1415	ND	0.49
Arochlor 1254	20	89.66	0.0884	ND	0.49
Arochlor 1260	20	89.66	0.0796	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4481.12
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/13/99
	Bldg. 173	**Extraction Date:**	5/19/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/25/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M8
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	Dupe

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	77.59	0.0076	ND	NLE
beta-BHC	20	77.59	0.0076	ND	NLE
gamma-BHC	20	77.59	0.0101	ND	0.52
delta-BHC	20	77.59	0.0101	ND	NLE
Heptachlor	20	77.59	0.0076	ND	0.15
Aldrin	20	77.59	0.0101	ND	0.04
Heptachlor Epoxide	20	77.59	0.0152	ND	NLE
Endosulfan I	20	77.59	0.0126	ND	NLE
4,4'-DDE	20	77.59	0.0101	0.155	2
Dieldrin	20	77.59	0.0126	ND	0.042
Endrin	20	77.59	0.0126	ND	17
Endosulfan II	20	77.59	0.0101	ND	NLE
4,4'-DDD	20	77.59	0.0152	0.176	3
Endrin Aldehyde	20	77.59	0.0126	ND	NLE
4,4'-DDT	20	77.59	0.0278	0.085	2
Endosulfan-Sulfate	20	77.59	0.0101	ND	NLE
gamma -Chlordane	20	77.59	0.0126	ND	NLE
alpha-Chlordane	20	77.59	0.0126	ND	NLE
Toxaphene	20	77.59	0.0076	ND	0.1
Arochlor 1016	5	77.59	0.0708	ND	0.49
Arochlor 1221	5	77.59	0.1303	ND	0.49
Arochlor 1232	5	77.59	0.0885	ND	0.49
Arochlor 1242	5	77.59	0.1012	ND	0.49
Arochlor 1248	5	77.59	0.0405	ND	0.49
Arochlor 1254	5	77.59	0.0253	ND	0.49
Arochlor 1260	5	77.59	0.0228	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPesticide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPesticide2 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4484.12
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/14/99
	Bldg. 173	**Extraction Date:**	5/19/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/27/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
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	20	86.36	0.0067	ND	NLE
beta-BHC	20	86.36	0.0067	ND	NLE
gamma-BHC	20	86.36	0.0089	ND	0.52
delta-BHC	20	86.36	0.0089	ND	NLE
Heptachlor	20	86.36	0.0067	ND	0.15
Aldrin	20	86.36	0.0089	ND	0.04
Heptachlor Epoxide	20	86.36	0.0133	ND	NLE
Endosulfan I	20	86.36	0.0111	ND	NLE
4,4'-DDE	20	86.36	0.0089	0.034	2
Dieldrin	20	86.36	0.0111	ND	0.042
Endrin	20	86.36	0.0111	ND	17
Endosulfan II	20	86.36	0.0089	ND	NLE
4,4'-DDD	20	86.36	0.0133	0.054	3
Endrin Aldehyde	20	86.36	0.0111	ND	NLE
4,4'-DDT	20	86.36	0.0244	ND	2
Endosulfan-Sulfate	20	86.36	0.0089	ND	NLE
gamma -Chlordane	20	86.36	0.0111	ND	NLE
alpha-Chlordane	20	86.36	0.0111	ND	NLE
Toxaphene	20	86.36	0.0067	ND	0.1
Arochlor 1016	20	86.36	0.2484	ND	0.49
Arochlor 1221	20	86.36	0.4570	ND	0.49
Arochlor 1232	20	86.36	0.3106	ND	0.49
Arochlor 1242	20	86.36	0.3549	ND	0.49
Arochlor 1248	20	86.36	0.1420	ND	0.49
Arochlor 1254	20	86.36	0.0887	ND	0.49
Arochlor 1260	20	86.36	0.0799	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4490.12
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/17/99
	Bldg. 173	**Extraction Date:**	5/21/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/1/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M8
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	Dupe

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	**20**	**96.28**	**0.0058**	**ND**	**NLE**
beta-BHC	**20**	**96.28**	**0.0058**	**ND**	**NLE**
gamma-BHC	**20**	**96.28**	**0.0077**	**ND**	**0.52**
delta-BHC	**20**	**96.28**	**0.0077**	**ND**	**NLE**
Heptachlor	**20**	**96.28**	**0.0058**	**ND**	**0.15**
Aldrin	**20**	**96.28**	**0.0077**	**ND**	**0.04**
Heptachlor Epoxide	**20**	**96.28**	**0.0115**	**ND**	**NLE**
Endosulfan I	**20**	**96.28**	**0.0096**	**ND**	**NLE**
4,4'-DDE	**20**	**96.28**	**0.0077**	**ND**	**2**
Dieldrin	**20**	**96.28**	**0.0096**	**ND**	**0.042**
Endrin	**20**	**96.28**	**0.0096**	**ND**	**17**
Endosulfan II	**20**	**96.28**	**0.0077**	**ND**	**NLE**
4,4'-DDD	**20**	**96.28**	**0.0115**	**0.027**	**3**
Endrin Aldehyde	**20**	**96.28**	**0.0096**	**ND**	**NLE**
4,4'-DDT	**20**	**96.28**	**0.0211**	**0.027**	**2**
Endosulfan-Sulfate	**20**	**96.28**	**0.0077**	**ND**	**NLE**
gamma -Chlordane	**20**	**96.28**	**0.0096**	**ND**	**NLE**
alpha-Chlordane	**20**	**96.28**	**0.0096**	**ND**	**NLE**
Toxaphene	**20**	**96.28**	**0.0058**	**ND**	**0.1**
Arochlor 1016	**20**	**96.28**	**0.2150**	**ND**	**0.49**
Arochlor 1221	**20**	**96.28**	**0.3955**	**ND**	**0.49**
Arochlor 1232	**20**	**96.28**	**0.2688**	**ND**	**0.49**
Arochlor 1242	**20**	**96.28**	**0.3072**	**ND**	**0.49**
Arochlor 1248	**20**	**96.28**	**0.1229**	**ND**	**0.49**
Arochlor 1254	**20**	**96.28**	**0.0768**	**ND**	**0.49**
Arochlor 1260	**20**	**96.28**	**0.0691**	**ND**	**0.49**

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPesticide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPesticide2 30m/.32mmID/.25um

002560

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4533.12
	DPW. SELFM-PW-EV	**Date Rec'd:**	6/4/99
	Bldg. 173	**Extraction Date:**	6/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/26/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
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	20	91.72	0.0065	ND	NLE
beta-BHC	20	91.72	0.0065	ND	NLE
gamma-BHC	20	91.72	0.0086	ND	0.52
delta-BHC	20	91.72	0.0086	ND	NLE
Heptachlor	20	91.72	0.0065	ND	0.15
Aldrin	20	91.72	0.0086	ND	0.04
Heptachlor Epoxide	20	91.72	0.0129	ND	NLE
Endosulfan I	20	91.72	0.0108	ND	NLE
4,4'-DDE	20	91.72	0.0086	0.024	2
Dieldrin	20	91.72	0.0108	ND	0.042
Endrin	20	91.72	0.0108	ND	17
Endosulfan II	20	91.72	0.0086	ND	NLE
4,4'-DDD	20	91.72	0.0129	0.024	3
Endrin Aldehyde	20	91.72	0.0108	ND	NLE
4,4'-DDT	20	91.72	0.0237	0.035	2
Endosulfan-Sulfate	20	91.72	0.0086	ND	NLE
gamma -Chlordane	20	91.72	0.0108	ND	NLE
alpha-Chlordane	20	91.72	0.0108	ND	NLE
Toxaphene	20	91.72	0.0065	ND	0.1
Arochlor 1016	20	91.72	0.2411	ND	0.49
Arochlor 1221	20	91.72	0.4434	ND	0.49
Arochlor 1232	20	91.72	0.3014	ND	0.49
Arochlor 1242	20	91.72	0.3444	ND	0.49
Arochlor 1248	20	91.72	0.1378	ND	0.49
Arochlor 1254	20	91.72	0.0861	ND	0.49
Arochlor 1260	20	91.72	0.0775	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002561

SAMPLES

002562

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4045.02
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/10/98
	Bldg. 173	**Extraction Date:**	11/12/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/16/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B1

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	5	92.96	0.0016	ND	NLE
beta-BHC	5	92.96	0.0016	ND	NLE
gamma-BHC	5	92.96	0.0021	ND	0.52
delta-BHC	5	92.96	0.0021	ND	NLE
Heptachlor	5	92.96	0.0016	ND	0.15
Aldrin	5	92.96	0.0021	ND	0.04
Heptachlor Epoxide	5	92.96	0.0032	ND	NLE
Endosulfan I	5	92.96	0.0026	ND	NLE
4,4'-DDE	5	92.96	0.0021	0.036	2
Dieldrin	5	92.96	0.0026	ND	0.042
Endrin	5	92.96	0.0026	ND	17
Endosulfan II	5	92.96	0.0021	ND	NLE
4,4'-DDD	5	92.96	0.0032	0.046	3
Endrin Aldehyde	5	92.96	0.0026	ND	NLE
4,4'-DDT	5	92.96	0.0058	0.061	2
Endosulfan-Sulfate	5	92.96	0.0021	ND	NLE
gamma -Chlordane	5	92.96	0.0026	ND	NLE
alpha-Chlordane	5	92.96	0.0026	ND	NLE
Toxaphene	5	92.96	0.0016	ND	0.1
Arochlor 1016	5	92.96	0.0594	ND	0.49
Arochlor 1221	5	92.96	0.1092	ND	0.49
Arochlor 1232	5	92.96	0.0742	ND	0.49
Arochlor 1242	5	92.96	0.0848	ND	0.49
Arochlor 1248	5	92.96	0.0339	ND	0.49
Arochlor 1254	5	92.96	0.0212	ND	0.49
Arochlor 1260	5	92.96	0.0191	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

002563

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4045.04
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/10/98
	Bldg. 173	**Extraction Date:**	11/12/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/16/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B2

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	5	95.19	0.0015	ND	NLE
beta-BHC	5	95.19	0.0015	ND	NLE
gamma-BHC	5	95.19	0.0021	ND	0.52
delta-BHC	5	95.19	0.0021	ND	NLE
Heptachlor	5	95.19	0.0015	ND	0.15
Aldrin	5	95.19	0.0021	ND	0.04
Heptachlor Epoxide	5	95.19	0.0031	ND	NLE
Endosulfan I	5	95.19	0.0026	ND	NLE
4,4'-DDE	5	95.19	0.0021	0.040	2
Dieldrin	5	95.19	0.0026	ND	0.042
Endrin	5	95.19	0.0026	ND	17
Endosulfan II	5	95.19	0.0021	ND	NLE
4,4'-DDD	5	95.19	0.0031	0.051	3
Endrin Aldehyde	5	95.19	0.0026	ND	NLE
4,4'-DDT	5	95.19	0.0056	0.036	2
Endosulfan-Sulfate	5	95.19	0.0021	ND	NLE
gamma -Chlordane	5	95.19	0.0026	0.003	NLE
alpha-Chlordane	5	95.19	0.0026	ND	NLE
Toxaphene	5	95.19	0.0015	ND	0.1
Arochlor 1016	5	95.19	0.0575	ND	0.49
Arochlor 1221	5	95.19	0.1057	ND	0.49
Arochlor 1232	5	95.19	0.0718	ND	0.49
Arochlor 1242	5	95.19	0.0821	ND	0.49
Arochlor 1248	5	95.19	0.0328	ND	0.49
Arochlor 1254	5	95.19	0.0205	ND	0.49
Arochlor 1260	5	95.19	0.0185	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4045.06
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/10/98
	Bldg. 173	**Extraction Date:**	11/12/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/19/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B3

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	5	94.26	0.0016	ND	NLE
beta-BHC	5	94.26	0.0016	ND	NLE
gamma-BHC	5	94.26	0.0021	ND	0.52
delta-BHC	5	94.26	0.0021	ND	NLE
Heptachlor	5	94.26	0.0016	ND	0.15
Aldrin	5	94.26	0.0021	ND	0.04
Heptachlor Epoxide	5	94.26	0.0032	ND	NLE
Endosulfan I	5	94.26	0.0027	ND	NLE
4,4'-DDE	5	94.26	0.0021	0.017	2
Dieldrin	5	94.26	0.0027	ND	0.042
Endrin	5	94.26	0.0027	ND	17
Endosulfan II	5	94.26	0.0021	ND	NLE
4,4'-DDD	5	94.26	0.0032	0.033	3
Endrin Aldehyde	5	94.26	0.0027	ND	NLE
4,4'-DDT	5	94.26	0.0058	0.038	2
Endosulfan-Sulfate	5	94.26	0.0021	ND	NLE
gamma -Chlordane	5	94.26	0.0027	0.005	NLE
alpha-Chlordane	5	94.26	0.0027	0.005	NLE
Toxaphene	5	94.26	0.0016	ND	0.1
Arochlor 1016	5	94.26	0.0595	ND	0.49
Arochlor 1221	5	94.26	0.1095	ND	0.49
Arochlor 1232	5	94.26	0.0744	ND	0.49
Arochlor 1242	5	94.26	0.0850	ND	0.49
Arochlor 1248	5	94.26	0.0340	ND	0.49
Arochlor 1254	5	94.26	0.0213	ND	0.49
Arochlor 1260	5	94.26	0.0191	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4045.08
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/10/98
	Bldg. 173	**Extraction Date:**	11/12/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/19/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B4

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	5	92.49	0.0016	ND	NLE
beta-BHC	5	92.49	0.0016	ND	NLE
gamma-BHC	5	92.49	0.0021	ND	0.52
delta-BHC	5	92.49	0.0021	ND	NLE
Heptachlor	5	92.49	0.0016	ND	0.15
Aldrin	5	92.49	0.0021	ND	0.04
Heptachlor Epoxide	5	92.49	0.0032	0.014	NLE
Endosulfan I	5	92.49	0.0027	ND	NLE
4,4'-DDE	5	92.49	0.0021	0.089	2
Dieldrin	5	92.49	0.0027	ND	0.042
Endrin	5	92.49	0.0027	ND	17
Endosulfan II	5	92.49	0.0021	ND	NLE
4,4'-DDD	5	92.49	0.0032	0.427	3
Endrin Aldehyde	5	92.49	0.0027	ND	NLE
4,4'-DDT	5	92.49	0.0059	0.117	2
Endosulfan-Sulfate	5	92.49	0.0021	ND	NLE
gamma -Chlordane	5	92.49	0.0027	0.030	NLE
alpha-Chlordane	5	92.49	0.0027	0.020	NLE
Toxaphene	5	92.49	0.0016	ND	0.1
Arochlor 1016	5	92.49	0.0598	ND	0.49
Arochlor 1221	5	92.49	0.1099	ND	0.49
Arochlor 1232	5	92.49	0.0747	ND	0.49
Arochlor 1242	5	92.49	0.0854	ND	0.49
Arochlor 1248	5	92.49	0.0342	ND	0.49
Arochlor 1254	5	92.49	0.0213	ND	0.49
Arochlor 1260	5	92.49	0.0192	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4045.10
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/10/98
	Bldg. 173	**Extraction Date:**	11/12/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/19/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B5

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	5	94.26	0.0016	ND	NLE
beta-BHC	5	94.26	0.0016	ND	NLE
gamma-BHC	5	94.26	0.0021	ND	0.52
delta-BHC	5	94.26	0.0021	ND	NLE
Heptachlor	5	94.26	0.0016	ND	0.15
Aldrin	5	94.26	0.0021	ND	0.04
Heptachlor Epoxide	5	94.26	0.0032	ND	NLE
Endosulfan I	5	94.26	0.0026	ND	NLE
4,4'-DDE	5	94.26	0.0021	0.044	2
Dieldrin	5	94.26	0.0026	ND	0.042
Endrin	5	94.26	0.0026	ND	17
Endosulfan II	5	94.26	0.0021	ND	NLE
4,4'-DDD	5	94.26	0.0032	0.070	3
Endrin Aldehyde	5	94.26	0.0026	ND	NLE
4,4'-DDT	5	94.26	0.0058	0.093	2
Endosulfan-Sulfate	5	94.26	0.0021	ND	NLE
gamma -Chlordane	5	94.26	0.0026	0.005	NLE
alpha-Chlordane	5	94.26	0.0026	0.003	NLE
Toxaphene	5	94.26	0.0016	ND	0.1
Arochlor 1016	5	94.26	0.0589	ND	0.49
Arochlor 1221	5	94.26	0.1084	ND	0.49
Arochlor 1232	5	94.26	0.0737	ND	0.49
Arochlor 1242	5	94.26	0.0842	ND	0.49
Arochlor 1248	5	94.26	0.0337	ND	0.49
Arochlor 1254	5	94.26	0.0210	ND	0.49
Arochlor 1260	5	94.26	0.0189	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4095.02
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/30/98
	Bldg. 173	**Extraction Date:**	12/1/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/30/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-6

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	10	92.51	0.0032	ND	NLE
beta-BHC	10	92.51	0.0032	ND	NLE
gamma-BHC	10	92.51	0.0043	ND	0.52
delta-BHC	10	92.51	0.0043	ND	NLE
Heptachlor	10	92.51	0.0032	ND	0.15
Aldrin	10	92.51	0.0043	ND	0.04
Heptachlor Epoxide	10	92.51	0.0065	ND	NLE
Endosulfan I	10	92.51	0.0054	ND	NLE
4,4'-DDE	10	92.51	0.0043	0.049	2
Dieldrin	10	92.51	0.0054	ND	0.042
Endrin	10	92.51	0.0054	ND	17
Endosulfan II	10	92.51	0.0043	ND	NLE
4,4'-DDD	10	92.51	0.0065	0.066	3
Endrin Aldehyde	10	92.51	0.0054	ND	NLE
4,4'-DDT	10	92.51	0.0119	0.145	2
Endosulfan-Sulfate	10	92.51	0.0043	ND	NLE
gamma -Chlordane	10	92.51	0.0054	ND	NLE
alpha-Chlordane	10	92.51	0.0054	ND	NLE
Toxaphene	10	92.51	0.0032	ND	0.1
Arochlor 1016	10	92.51	0.1211	ND	0.49
Arochlor 1221	10	92.51	0.2227	ND	0.49
Arochlor 1232	10	92.51	0.1513	ND	0.49
Arochlor 1242	10	92.51	0.1730	ND	0.49
Arochlor 1248	10	92.51	0.0692	ND	0.49
Arochlor 1254	10	92.51	0.0432	ND	0.49
Arochlor 1260	10	92.51	0.0389	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4095.04
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/30/98
	Bldg. 173	**Extraction Date:**	12/1/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/30/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-7

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	10	89.30	0.0033	ND	NLE
beta-BHC	10	89.30	0.0033	ND	NLE
gamma-BHC	10	89.30	0.0045	ND	0.52
delta-BHC	10	89.30	0.0045	ND	NLE
Heptachlor	10	89.30	0.0033	ND	0.15
Aldrin	10	89.30	0.0045	ND	0.04
Heptachlor Epoxide	10	89.30	0.0067	ND	NLE
Endosulfan I	10	89.30	0.0056	ND	NLE
4,4'-DDE	10	89.30	0.0045	0.057	2
Dieldrin	10	89.30	0.0056	ND	0.042
Endrin	10	89.30	0.0056	ND	17
Endosulfan II	10	89.30	0.0045	ND	NLE
4,4'-DDD	10	89.30	0.0067	0.094	3
Endrin Aldehyde	10	89.30	0.0056	ND	NLE
4,4'-DDT	10	89.30	0.0123	0.179	2
Endosulfan-Sulfate	10	89.30	0.0045	ND	NLE
gamma -Chlordane	10	89.30	0.0056	ND	NLE
alpha-Chlordane	10	89.30	0.0056	ND	NLE
Toxaphene	10	89.30	0.0033	ND	0.1
Arochlor 1016	10	89.30	0.1249	ND	0.49
Arochlor 1221	10	89.30	0.2298	ND	0.49
Arochlor 1232	10	89.30	0.1562	ND	0.49
Arochlor 1242	10	89.30	0.1785	ND	0.49
Arochlor 1248	10	89.30	0.0714	ND	0.49
Arochlor 1254	10	89.30	0.0446	ND	0.49
Arochlor 1260	10	89.30	0.0402	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4095.06
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/30/98
	Bldg. 173	**Extraction Date:**	12/1/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/30/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-8

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	10	86.43	0.0035	ND	NLE
beta-BHC	10	86.43	0.0035	ND	NLE
gamma-BHC	10	86.43	0.0046	ND	0.52
delta-BHC	10	86.43	0.0046	ND	NLE
Heptachlor	10	86.43	0.0035	ND	0.15
Aldrin	10	86.43	0.0046	ND	0.04
Heptachlor Epoxide	10	86.43	0.0069	ND	NLE
Endosulfan I	10	86.43	0.0058	ND	NLE
4,4'-DDE	10	86.43	0.0046	0.207	2
Dieldrin	10	86.43	0.0058	ND	0.042
Endrin	10	86.43	0.0058	ND	17
Endosulfan II	10	86.43	0.0046	ND	NLE
4,4'-DDD	10	86.43	0.0069	2.123	3
Endrin Aldehyde	10	86.43	0.0058	ND	NLE
4,4'-DDT	100	86.43	0.1266	0.175	2
Endosulfan-Sulfate	10	86.43	0.0046	ND	NLE
gamma -Chlordane	10	86.43	0.0058	0.094	NLE
alpha-Chlordane	10	86.43	0.0058	0.110	NLE
Toxaphene	10	86.43	0.0035	ND	0.1
Arochlor 1016	10	86.43	0.1289	ND	0.49
Arochlor 1221	10	86.43	0.2372	ND	0.49
Arochlor 1232	10	86.43	0.1612	ND	0.49
Arochlor 1242	10	86.43	0.1842	ND	0.49
Arochlor 1248	10	86.43	0.0737	ND	0.49
Arochlor 1254	10	86.43	0.0460	ND	0.49
Arochlor 1260	10	86.43	0.0414	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4095.08
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/30/98
	Bldg. 173	**Extraction Date:**	12/1/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/30/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-9

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	10	86.67	0.0034	ND	NLE
beta-BHC	10	86.67	0.0034	ND	NLE
gamma-BHC	10	86.67	0.0046	ND	0.52
delta-BHC	10	86.67	0.0046	ND	NLE
Heptachlor	10	86.67	0.0034	ND	0.15
Aldrin	10	86.67	0.0046	ND	0.04
Heptachlor Epoxide	10	86.67	0.0068	ND	NLE
Endosulfan I	10	86.67	0.0057	ND	NLE
4,4'-DDE	10	86.67	0.0046	0.379	2
Dieldrin	10	86.67	0.0057	ND	0.042
Endrin	10	86.67	0.0057	ND	17
Endosulfan II	10	86.67	0.0046	ND	NLE
4,4'-DDD	10	86.67	0.0068	0.364	3
Endrin Aldehyde	10	86.67	0.0057	ND	NLE
4,4'-DDT	10	86.67	0.0126	0.050	2
Endosulfan-Sulfate	10	86.67	0.0046	ND	NLE
gamma -Chlordane	10	86.67	0.0057	0.022	NLE
alpha-Chlordane	10	86.67	0.0057	0.017	NLE
Toxaphene	10	86.67	0.0034	ND	0.1
Arochlor 1016	10	86.67	0.1278	ND	0.49
Arochlor 1221	10	86.67	0.2351	ND	0.49
Arochlor 1232	10	86.67	0.1598	ND	0.49
Arochlor 1242	10	86.67	0.1826	ND	0.49
Arochlor 1248	10	86.67	0.0730	ND	0.49
Arochlor 1254	10	86.67	0.0456	ND	0.49
Arochlor 1260	10	86.67	0.0411	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4095.10
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/30/98
	Bldg. 173	**Extraction Date:**	12/1/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/30/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-10

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	10	83.03	0.0036	ND	NLE
beta-BHC	10	83.03	0.0036	ND	NLE
gamma-BHC	10	83.03	0.0048	ND	0.52
delta-BHC	10	83.03	0.0048	ND	NLE
Heptachlor	10	83.03	0.0036	ND	0.15
Aldrin	10	83.03	0.0048	ND	0.04
Heptachlor Epoxide	10	83.03	0.0072	ND	NLE
Endosulfan I	10	83.03	0.0060	ND	NLE
4,4'-DDE	10	83.03	0.0048	0.066	2
Dieldrin	10	83.03	0.0060	ND	0.042
Endrin	10	83.03	0.0060	ND	17
Endosulfan II	10	83.03	0.0048	ND	NLE
4,4'-DDD	10	83.03	0.0072	0.089	3
Endrin Aldehyde	10	83.03	0.0060	ND	NLE
4,4'-DDT	10	83.03	0.0132	0.029	2
Endosulfan-Sulfate	10	83.03	0.0048	ND	NLE
gamma -Chlordane	10	83.03	0.0060	ND	NLE
alpha-Chlordane	10	83.03	0.0060	ND	NLE
Toxaphene	10	83.03	0.0036	ND	0.1
Arochlor 1016	10	83.03	0.1346	ND	0.49
Arochlor 1221	10	83.03	0.2476	ND	0.49
Arochlor 1232	10	83.03	0.1683	ND	0.49
Arochlor 1242	10	83.03	0.1923	ND	0.49
Arochlor 1248	10	83.03	0.0769	ND	0.49
Arochlor 1254	10	83.03	0.0481	ND	0.49
Arochlor 1260	10	83.03	0.0433	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002572

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4095.12
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/30/98
	Bldg. 173	**Extraction Date:**	12/1/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/30/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	B-11

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	10	90.71	0.0033	ND	NLE
beta-BHC	10	90.71	0.0033	ND	NLE
gamma-BHC	10	90.71	0.0044	ND	0.52
delta-BHC	10	90.71	0.0044	ND	NLE
Heptachlor	10	90.71	0.0033	ND	0.15
Aldrin	10	90.71	0.0044	ND	0.04
Heptachlor Epoxide	10	90.71	0.0066	ND	NLE
Endosulfan I	10	90.71	0.0055	ND	NLE
4,4'-DDE	10	90.71	0.0044	0.074	2
Dieldrin	10	90.71	0.0055	ND	0.042
Endrin	10	90.71	0.0055	ND	17
Endosulfan II	10	90.71	0.0044	ND	NLE
4,4'-DDD	10	90.71	0.0066	0.176	3
Endrin Aldehyde	10	90.71	0.0055	ND	NLE
4,4'-DDT	10	90.71	0.0120	0.038	2
Endosulfan-Sulfate	10	90.71	0.0044	ND	NLE
gamma -Chlordane	10	90.71	0.0055	0.024	NLE
alpha-Chlordane	10	90.71	0.0055	0.026	NLE
Toxaphene	10	90.71	0.0033	ND	0.1
Arochlor 1016	10	90.71	0.1225	ND	0.49
Arochlor 1221	10	90.71	0.2253	ND	0.49
Arochlor 1232	10	90.71	0.1531	ND	0.49
Arochlor 1242	10	90.71	0.1750	ND	0.49
Arochlor 1248	10	90.71	0.0700	ND	0.49
Arochlor 1254	10	90.71	0.0437	ND	0.49
Arochlor 1260	10	90.71	0.0394	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4145.02
	DPW. SELFM-PW-EV	**Date Rec'd:**	12/16/98
	Bldg. 173	**Extraction Date:**	12/18/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/13/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	12

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	5	91.46	0.0016	ND	NLE
beta-BHC	5	91.46	0.0016	ND	NLE
gamma-BHC	5	91.46	0.0022	ND	0.52
delta-BHC	5	91.46	0.0022	ND	NLE
Heptachlor	5	91.46	0.0016	ND	0.15
Aldrin	5	91.46	0.0022	ND	0.04
Heptachlor Epoxide	5	91.46	0.0033	ND	NLE
Endosulfan I	5	91.46	0.0027	ND	NLE
4,4'-DDE	5	91.46	0.0022	0.014	2
Dieldrin	5	91.46	0.0027	ND	0.042
Endrin	5	91.46	0.0027	ND	17
Endosulfan II	5	91.46	0.0022	ND	NLE
4,4'-DDD	5	91.46	0.0033	0.027	3
Endrin Aldehyde	5	91.46	0.0027	ND	NLE
4,4'-DDT	5	91.46	0.0060	0.015	2
Endosulfan-Sulfate	5	91.46	0.0022	ND	NLE
gamma -Chlordane	5	91.46	0.0027	0.011	NLE
alpha-Chlordane	5	91.46	0.0027	0.008	NLE
Toxaphene	5	91.46	0.0016	ND	0.1
Arochlor 1016	5	91.46	0.0612	ND	0.49
Arochlor 1221	5	91.46	0.1125	ND	0.49
Arochlor 1232	5	91.46	0.0765	ND	0.49
Arochlor 1242	5	91.46	0.0874	ND	0.49
Arochlor 1248	5	91.46	0.0350	ND	0.49
Arochlor 1254	5	91.46	0.0218	ND	0.49
Arochlor 1260	5	91.46	0.0197	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

002574

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4145.04
	DPW. SELFM-PW-EV	**Date Rec'd:**	12/16/98
	Bldg. 173	**Extraction Date:**	12/18/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/13/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
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	5	72.11	0.0020	ND	NLE
beta-BHC	5	72.11	0.0020	ND	NLE
gamma-BHC	5	72.11	0.0027	ND	0.52
delta-BHC	5	72.11	0.0027	ND	NLE
Heptachlor	5	72.11	0.0020	ND	0.15
Aldrin	5	72.11	0.0027	ND	0.04
Heptachlor Epoxide	5	72.11	0.0041	ND	NLE
Endosulfan I	5	72.11	0.0034	ND	NLE
4,4'-DDE	5	72.11	0.0027	0.040	2
Dieldrin	5	72.11	0.0034	ND	0.042
Endrin	5	72.11	0.0034	ND	17
Endosulfan II	5	72.11	0.0027	ND	NLE
4,4'-DDD	5	72.11	0.0041	0.131	3
Endrin Aldehyde	5	72.11	0.0034	ND	NLE
4,4'-DDT	5	72.11	0.0075	0.017	2
Endosulfan-Sulfate	5	72.11	0.0027	ND	NLE
gamma -Chlordane	5	72.11	0.0034	0.009	NLE
alpha-Chlordane	5	72.11	0.0034	ND	NLE
Toxaphene	5	72.11	0.0020	ND	0.1
Arochlor 1016	5	72.11	0.0760	ND	0.49
Arochlor 1221	5	72.11	0.1398	ND	0.49
Arochlor 1232	5	72.11	0.0950	ND	0.49
Arochlor 1242	5	72.11	0.1086	ND	0.49
Arochlor 1248	5	72.11	0.0434	ND	0.49
Arochlor 1254	5	72.11	0.0271	ND	0.49
Arochlor 1260	5	72.11	0.0244	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

002575

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4145.06
	DPW. SELFM-PW-EV	**Date Rec'd:**	12/16/98
	Bldg. 173	**Extraction Date:**	12/18/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/13/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
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	5	72.15	0.0021	ND	NLE
beta-BHC	5	72.15	0.0021	ND	NLE
gamma-BHC	5	72.15	0.0028	ND	0.52
delta-BHC	5	72.15	0.0028	ND	NLE
Heptachlor	5	72.15	0.0021	ND	0.15
Aldrin	5	72.15	0.0028	ND	0.04
Heptachlor Epoxide	5	72.15	0.0041	ND	NLE
Endosulfan I	5	72.15	0.0035	ND	NLE
4,4'-DDE	5	72.15	0.0028	0.053	2
Dieldrin	5	72.15	0.0035	ND	0.042
Endrin	5	72.15	0.0035	ND	17
Endosulfan II	5	72.15	0.0028	ND	NLE
4,4'-DDD	5	72.15	0.0041	0.191	3
Endrin Aldehyde	5	72.15	0.0035	ND	NLE
4,4'-DDT	5	72.15	0.0076	0.032	2
Endosulfan-Sulfate	5	72.15	0.0028	ND	NLE
gamma -Chlordane	5	72.15	0.0035	ND	NLE
alpha-Chlordane	5	72.15	0.0035	ND	NLE
Toxaphene	5	72.15	0.0021	ND	0.1
Arochlor 1016	5	72.15	0.0774	ND	0.49
Arochlor 1221	5	72.15	0.1423	ND	0.49
Arochlor 1232	5	72.15	0.0967	ND	0.49
Arochlor 1242	5	72.15	0.1105	ND	0.49
Arochlor 1248	5	72.15	0.0442	ND	0.49
Arochlor 1254	5	72.15	0.0276	ND	0.49
Arochlor 1260	5	72.15	0.0249	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 # :**	4145.08
	DPW. SELFM-PW-EV	**Date Rec'd:**	12/16/98
	Bldg. 173	**Extraction Date:**	12/18/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/13/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
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	5	78.22	0.0019	ND	NLE
beta-BHC	5	78.22	0.0019	ND	NLE
gamma-BHC	5	78.22	0.0025	ND	0.52
delta-BHC	5	78.22	0.0025	ND	NLE
Heptachlor	5	78.22	0.0019	ND	0.15
Aldrin	5	78.22	0.0025	ND	0.04
Heptachlor Epoxide	5	78.22	0.0038	ND	NLE
Endosulfan I	5	78.22	0.0032	ND	NLE
4,4'-DDE	5	78.22	0.0025	0.071	2
Dieldrin	5	78.22	0.0032	ND	0.042
Endrin	5	78.22	0.0032	ND	17
Endosulfan II	5	78.22	0.0025	ND	NLE
4,4'-DDD	5	78.22	0.0038	0.307	3
Endrin Aldehyde	5	78.22	0.0032	ND	NLE
4,4'-DDT	5	78.22	0.0070	0.051	2
Endosulfan-Sulfate	5	78.22	0.0025	ND	NLE
gamma -Chlordane	5	78.22	0.0032	ND	NLE
alpha-Chlordane	5	78.22	0.0032	ND	NLE
Toxaphene	5	78.22	0.0019	ND	0.1
Arochlor 1016	5	78.22	0.0712	ND	0.49
Arochlor 1221	5	78.22	0.1309	ND	0.49
Arochlor 1232	5	78.22	0.0890	ND	0.49
Arochlor 1242	5	78.22	0.1017	ND	0.49
Arochlor 1248	5	78.22	0.0407	ND	0.49
Arochlor 1254	5	78.22	0.0254	ND	0.49
Arochlor 1260	5	78.22	0.0229	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

002577

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4145.10
	DPW. SELFM-PW-EV	**Date Rec'd:**	12/16/98
	Bldg. 173	**Extraction Date:**	12/18/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/21/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
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	5	82.53	0.0018	ND	NLE
beta-BHC	5	82.53	0.0018	ND	NLE
gamma-BHC	5	82.53	0.0024	ND	0.52
delta-BHC	5	82.53	0.0024	ND	NLE
Heptachlor	5	82.53	0.0018	ND	0.15
Aldrin	5	82.53	0.0024	ND	0.04
Heptachlor Epoxide	5	82.53	0.0036	ND	NLE
Endosulfan I	5	82.53	0.0030	ND	NLE
4,4'-DDE	5	82.53	0.0024	0.070	2
Dieldrin	5	82.53	0.0030	0.023	0.042
Endrin	5	82.53	0.0030	ND	17
Endosulfan II	5	82.53	0.0024	ND	NLE
4,4'-DDD	5	82.53	0.0036	0.268	3
Endrin Aldehyde	5	82.53	0.0030	ND	NLE
4,4'-DDT	5	82.53	0.0067	0.287	2
Endosulfan-Sulfate	5	82.53	0.0024	ND	NLE
gamma -Chlordane	5	82.53	0.0030	0.056	NLE
alpha-Chlordane	5	82.53	0.0030	0.071	NLE
Toxaphene	5	82.53	0.0018	ND	0.1
Arochlor 1016	5	82.53	0.0678	ND	0.49
Arochlor 1221	5	82.53	0.1247	ND	0.49
Arochlor 1232	5	82.53	0.0847	ND	0.49
Arochlor 1242	5	82.53	0.0968	ND	0.49
Arochlor 1248	5	82.53	0.0387	ND	0.49
Arochlor 1254	5	82.53	0.0242	ND	0.49
Arochlor 1260	5	82.53	0.0218	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

002578

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4145.12
	DPW. SELFM-PW-EV	**Date Rec'd:**	12/16/98
	Bldg. 173	**Extraction Date:**	12/21/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/21/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
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	5	88.72	0.0016	ND	NLE
beta-BHC	5	88.72	0.0016	ND	NLE
gamma-BHC	5	88.72	0.0022	ND	0.52
delta-BHC	5	88.72	0.0022	ND	NLE
Heptachlor	5	88.72	0.0016	ND	0.15
Aldrin	5	88.72	0.0022	ND	0.04
Heptachlor Epoxide	5	88.72	0.0033	ND	NLE
Endosulfan I	5	88.72	0.0027	ND	NLE
4,4'-DDE	5	88.72	0.0022	0.015	2
Dieldrin	5	88.72	0.0027	0.006	0.042
Endrin	5	88.72	0.0027	ND	17
Endosulfan II	5	88.72	0.0022	ND	NLE
4,4'-DDD	5	88.72	0.0033	0.040	3
Endrin Aldehyde	5	88.72	0.0027	ND	NLE
4,4'-DDT	5	88.72	0.0060	0.013	2
Endosulfan-Sulfate	5	88.72	0.0022	ND	NLE
gamma -Chlordane	5	88.72	0.0027	ND	NLE
alpha-Chlordane	5	88.72	0.0027	ND	NLE
Toxaphene	5	88.72	0.0016	ND	0.1
Arochlor 1016	5	88.72	0.0609	ND	0.49
Arochlor 1221	5	88.72	0.1120	ND	0.49
Arochlor 1232	5	88.72	0.0761	ND	0.49
Arochlor 1242	5	88.72	0.0870	ND	0.49
Arochlor 1248	5	88.72	0.0348	ND	0.49
Arochlor 1254	5	88.72	0.0217	ND	0.49
Arochlor 1260	5	88.72	0.0196	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 # :**	4145.14
	DPW. SELFM-PW-EV	**Date Rec'd:**	12/16/98
	Bldg. 173	**Extraction Date:**	12/21/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/21/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
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	5	74.51	0.0020	ND	NLE
beta-BHC	5	74.51	0.0020	ND	NLE
gamma-BHC	5	74.51	0.0026	ND	0.52
delta-BHC	5	74.51	0.0026	ND	NLE
Heptachlor	5	74.51	0.0020	ND	0.15
Aldrin	5	74.51	0.0026	ND	0.04
Heptachlor Epoxide	5	74.51	0.0040	0.017	NLE
Endosulfan I	5	74.51	0.0033	ND	NLE
4,4'-DDE	5	74.51	0.0026	0.181	2
Dieldrin	5	74.51	0.0033	0.023	0.042
Endrin	5	74.51	0.0033	ND	17
Endosulfan II	5	74.51	0.0026	ND	NLE
4,4'-DDD	5	74.51	0.0040	0.604	3
Endrin Aldehyde	5	74.51	0.0033	ND	NLE
4,4'-DDT	5	74.51	0.0073	0.090	2
Endosulfan-Sulfate	5	74.51	0.0026	ND	NLE
gamma -Chlordane	5	74.51	0.0033	0.045	NLE
alpha-Chlordane	5	74.51	0.0033	0.023	NLE
Toxaphene	5	74.51	0.0020	ND	0.1
Arochlor 1016	5	74.51	0.0738	ND	0.49
Arochlor 1221	5	74.51	0.1358	ND	0.49
Arochlor 1232	5	74.51	0.0923	ND	0.49
Arochlor 1242	5	74.51	0.1055	ND	0.49
Arochlor 1248	5	74.51	0.0422	ND	0.49
Arochlor 1254	5	74.51	0.0264	ND	0.49
Arochlor 1260	5	74.51	0.0237	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 # :**	4145.16
	DPW. SELFM-PW-EV	**Date Rec'd:**	12/16/98
	Bldg. 173	**Extraction Date:**	12/21/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/21/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
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	5	92.58	0.0014	ND	NLE
beta-BHC	5	92.58	0.0014	ND	NLE
gamma-BHC	5	92.58	0.0019	ND	0.52
delta-BHC	5	92.58	0.0019	ND	NLE
Heptachlor	5	92.58	0.0014	ND	0.15
Aldrin	5	92.58	0.0019	ND	0.04
Heptachlor Epoxide	5	92.58	0.0029	ND	NLE
Endosulfan I	5	92.58	0.0024	ND	NLE
4,4'-DDE	5	92.58	0.0019	0.050	2
Dieldrin	5	92.58	0.0024	ND	0.042
Endrin	5	92.58	0.0024	ND	17
Endosulfan II	5	92.58	0.0019	ND	NLE
4,4'-DDD	5	92.58	0.0029	0.041	3
Endrin Aldehyde	5	92.58	0.0024	ND	NLE
4,4'-DDT	5	92.58	0.0053	0.021	2
Endosulfan-Sulfate	5	92.58	0.0019	ND	NLE
gamma -Chlordane	5	92.58	0.0024	0.055	NLE
alpha-Chlordane	5	92.58	0.0024	0.050	NLE
Toxaphene	5	92.58	0.0014	ND	0.1
Arochlor 1016	5	92.58	0.0537	ND	0.49
Arochlor 1221	5	92.58	0.0988	ND	0.49
Arochlor 1232	5	92.58	0.0671	ND	0.49
Arochlor 1242	5	92.58	0.0767	ND	0.49
Arochlor 1248	5	92.58	0.0307	ND	0.49
Arochlor 1254	5	92.58	0.0192	ND	0.49
Arochlor 1260	5	92.58	0.0173	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

002581

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4145.18
	DPW. SELFM-PW-EV	**Date Rec'd:**	12/16/98
	Bldg. 173	**Extraction Date:**	12/21/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/21/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	20

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	5	91.24	0.0017	ND	NLE
beta-BHC	5	91.24	0.0017	ND	NLE
gamma-BHC	5	91.24	0.0022	ND	0.52
delta-BHC	5	91.24	0.0022	ND	NLE
Heptachlor	5	91.24	0.0017	ND	0.15
Aldrin	5	91.24	0.0022	ND	0.04
Heptachlor Epoxide	5	91.24	0.0033	ND	NLE
Endosulfan I	5	91.24	0.0028	ND	NLE
4,4'-DDE	5	91.24	0.0022	0.110	2
Dieldrin	5	91.24	0.0028	ND	0.042
Endrin	5	91.24	0.0028	ND	17
Endosulfan II	5	91.24	0.0022	ND	NLE
4,4'-DDD	5	91.24	0.0033	0.071	3
Endrin Aldehyde	5	91.24	0.0028	ND	NLE
4,4'-DDT	5	91.24	0.0061	0.044	2
Endosulfan-Sulfate	5	91.24	0.0022	ND	NLE
gamma -Chlordane	5	91.24	0.0028	ND	NLE
alpha-Chlordane	5	91.24	0.0028	ND	NLE
Toxaphene	5	91.24	0.0017	ND	0.1
Arochlor 1016	5	91.24	0.0623	ND	0.49
Arochlor 1221	5	91.24	0.1146	ND	0.49
Arochlor 1232	5	91.24	0.0779	ND	0.49
Arochlor 1242	5	91.24	0.0890	ND	0.49
Arochlor 1248	5	91.24	0.0356	ND	0.49
Arochlor 1254	5	91.24	0.0223	ND	0.49
Arochlor 1260	5	91.24	0.0200	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 # :**	4145.20
	DPW. SELFM-PW-EV	**Date Rec'd:**	12/16/98
	Bldg. 173	**Extraction Date:**	12/21/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/21/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
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	5	91.10	0.0016	ND	NLE
beta-BHC	5	91.10	0.0016	ND	NLE
gamma-BHC	5	91.10	0.0022	ND	0.52
delta-BHC	5	91.10	0.0022	ND	NLE
Heptachlor	5	91.10	0.0016	ND	0.15
Aldrin	5	91.10	0.0022	ND	0.04
Heptachlor Epoxide	5	91.10	0.0033	ND	NLE
Endosulfan I	5	91.10	0.0027	ND	NLE
4,4'-DDE	5	91.10	0.0022	0.105	2
Dieldrin	5	91.10	0.0027	ND	0.042
Endrin	5	91.10	0.0027	ND	17
Endosulfan II	5	91.10	0.0022	ND	NLE
4,4'-DDD	5	91.10	0.0033	0.187	3
Endrin Aldehyde	5	91.10	0.0027	ND	NLE
4,4'-DDT	5	91.10	0.0060	0.040	2
Endosulfan-Sulfate	5	91.10	0.0022	ND	NLE
gamma -Chlordane	5	91.10	0.0027	0.026	NLE
alpha-Chlordane	5	91.10	0.0027	0.022	NLE
Toxaphene	5	91.10	0.0016	ND	0.1
Arochlor 1016	5	91.10	0.0612	ND	0.49
Arochlor 1221	5	91.10	0.1125	ND	0.49
Arochlor 1232	5	91.10	0.0765	ND	0.49
Arochlor 1242	5	91.10	0.0874	ND	0.49
Arochlor 1248	5	91.10	0.0350	ND	0.49
Arochlor 1254	5	91.10	0.0218	ND	0.49
Arochlor 1260	5	91.10	0.0197	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

002593

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4145.22
	DPW. SELFM-PW-EV	**Date Rec'd:**	12/16/98
	Bldg. 173	**Extraction Date:**	12/21/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/22/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
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	20	80.85	0.0066	ND	NLE
beta-BHC	20	80.85	0.0066	ND	NLE
gamma-BHC	20	80.85	0.0088	ND	0.52
delta-BHC	20	80.85	0.0088	ND	NLE
Heptachlor	20	80.85	0.0066	ND	0.15
Aldrin	20	80.85	0.0088	ND	0.04
Heptachlor Epoxide	20	80.85	0.0132	ND	NLE
Endosulfan I	20	80.85	0.0110	ND	NLE
4,4'-DDE	20	80.85	0.0088	0.061	2
Dieldrin	20	80.85	0.0110	ND	0.042
Endrin	20	80.85	0.0110	ND	17
Endosulfan II	20	80.85	0.0088	ND	NLE
4,4'-DDD	20	80.85	0.0132	0.160	3
Endrin Aldehyde	20	80.85	0.0110	ND	NLE
4,4'-DDT	20	80.85	0.0241	ND	2
Endosulfan-Sulfate	20	80.85	0.0088	ND	NLE
gamma -Chlordane	20	80.85	0.0110	0.027	NLE
alpha-Chlordane	20	80.85	0.0110	0.022	NLE
Toxaphene	20	80.85	0.0066	ND	0.1
Arochlor 1016	20	80.85	0.2456	ND	0.49
Arochlor 1221	20	80.85	0.4518	ND	0.49
Arochlor 1232	20	80.85	0.3070	ND	0.49
Arochlor 1242	20	80.85	0.3509	ND	0.49
Arochlor 1248	20	80.85	0.1404	ND	0.49
Arochlor 1254	20	80.85	0.0877	ND	0.49
Arochlor 1260	20	80.85	0.0789	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 # :**	4145.24
	DPW. SELFM-PW-EV	**Date Rec'd:**	12/16/98
	Bldg. 173	**Extraction Date:**	12/21/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/22/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
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	20	75.75	0.0069	ND	NLE
beta-BHC	20	75.75	0.0069	ND	NLE
gamma-BHC	20	75.75	0.0092	ND	0.52
delta-BHC	20	75.75	0.0092	ND	NLE
Heptachlor	20	75.75	0.0069	ND	0.15
Aldrin	20	75.75	0.0092	ND	0.04
Heptachlor Epoxide	20	75.75	0.0138	ND	NLE
Endosulfan I	20	75.75	0.0115	ND	NLE
4,4'-DDE	20	75.75	0.0092	0.082	2
Dieldrin	20	75.75	0.0115	ND	0.042
Endrin	20	75.75	0.0115	ND	17
Endosulfan II	20	75.75	0.0092	ND	NLE
4,4'-DDD	20	75.75	0.0138	0.199	3
Endrin Aldehyde	20	75.75	0.0115	ND	NLE
4,4'-DDT	20	75.75	0.0253	0.027	2
Endosulfan-Sulfate	20	75.75	0.0092	ND	NLE
gamma -Chlordane	20	75.75	0.0115	0.044	NLE
alpha-Chlordane	20	75.75	0.0115	0.015	NLE
Toxaphene	20	75.75	0.0069	ND	0.1
Arochlor 1016	20	75.75	0.2574	ND	0.49
Arochlor 1221	20	75.75	0.4734	ND	0.49
Arochlor 1232	20	75.75	0.3217	ND	0.49
Arochlor 1242	20	75.75	0.3677	ND	0.49
Arochlor 1248	20	75.75	0.1471	ND	0.49
Arochlor 1254	20	75.75	0.0919	ND	0.49
Arochlor 1260	20	75.75	0.0827	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4145.26
	DPW. SELFM-PW-EV	**Date Rec'd:**	12/16/98
	Bldg. 173	**Extraction Date:**	12/21/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/22/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
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	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	0.036	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	0.080	3
Endrin Aldehyde	20	83.10	0.0120	ND	NLE
4,4'-DDT	20	83.10	0.0263	0.030	2
Endosulfan-Sulfate	20	83.10	0.0096	ND	NLE
gamma -Chlordane	20	83.10	0.0120	0.022	NLE
alpha-Chlordane	20	83.10	0.0120	0.021	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 # :**	4145.28
	DPW. SELFM-PW-EV	**Date Rec'd:**	12/16/98
	Bldg. 173	**Extraction Date:**	12/21/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/22/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
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	20	81.31	0.0072	ND	NLE
beta-BHC	20	81.31	0.0072	ND	NLE
gamma-BHC	20	81.31	0.0096	ND	0.52
delta-BHC	20	81.31	0.0096	ND	NLE
Heptachlor	20	81.31	0.0072	ND	0.15
Aldrin	20	81.31	0.0096	ND	0.04
Heptachlor Epoxide	20	81.31	0.0144	ND	NLE
Endosulfan I	20	81.31	0.0120	ND	NLE
4,4'-DDE	20	81.31	0.0096	0.048	2
Dieldrin	20	81.31	0.0120	ND	0.042
Endrin	20	81.31	0.0120	ND	17
Endosulfan II	20	81.31	0.0096	ND	NLE
4,4'-DDD	20	81.31	0.0144	0.099	3
Endrin Aldehyde	20	81.31	0.0120	ND	NLE
4,4'-DDT	20	81.31	0.0264	0.241	2
Endosulfan-Sulfate	20	81.31	0.0096	ND	NLE
gamma -Chlordane	20	81.31	0.0120	0.026	NLE
alpha-Chlordane	20	81.31	0.0120	0.018	NLE
Toxaphene	20	81.31	0.0072	ND	0.1
Arochlor 1016	20	81.31	0.2685	ND	0.49
Arochlor 1221	20	81.31	0.4939	ND	0.49
Arochlor 1232	20	81.31	0.3356	ND	0.49
Arochlor 1242	20	81.31	0.3836	ND	0.49
Arochlor 1248	20	81.31	0.1534	ND	0.49
Arochlor 1254	20	81.31	0.0959	ND	0.49
Arochlor 1260	20	81.31	0.0863	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

002587

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4145.30
	DPW. SELFM-PW-EV	**Date Rec'd:**	12/16/98
	Bldg. 173	**Extraction Date:**	12/24/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/22/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
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	20	84.33	0.0069	ND	NLE
beta-BHC	20	84.33	0.0069	ND	NLE
gamma-BHC	20	84.33	0.0092	ND	0.52
delta-BHC	20	84.33	0.0092	ND	NLE
Heptachlor	20	84.33	0.0069	ND	0.15
Aldrin	20	84.33	0.0092	ND	0.04
Heptachlor Epoxide	20	84.33	0.0138	ND	NLE
Endosulfan I	20	84.33	0.0115	ND	NLE
4,4'-DDE	20	84.33	0.0092	0.044	2
Dieldrin	20	84.33	0.0115	0.013	0.042
Endrin	20	84.33	0.0115	ND	17
Endosulfan II	20	84.33	0.0092	ND	NLE
4,4'-DDD	20	84.33	0.0138	0.128	3
Endrin Aldehyde	20	84.33	0.0115	ND	NLE
4,4'-DDT	20	84.33	0.0254	ND	2
Endosulfan-Sulfate	20	84.33	0.0092	ND	NLE
gamma -Chlordane	20	84.33	0.0115	0.039	NLE
alpha-Chlordane	20	84.33	0.0115	0.035	NLE
Toxaphene	20	84.33	0.0069	ND	0.1
Arochlor 1016	20	84.33	0.2581	ND	0.49
Arochlor 1221	20	84.33	0.4748	ND	0.49
Arochlor 1232	20	84.33	0.3227	ND	0.49
Arochlor 1242	20	84.33	0.3688	ND	0.49
Arochlor 1248	20	84.33	0.1475	ND	0.49
Arochlor 1254	20	84.33	0.0922	ND	0.49
Arochlor 1260	20	84.33	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 # :**	4145.32
	DPW. SELFM-PW-EV	**Date Rec'd:**	12/16/98
	Bldg. 173	**Extraction Date:**	12/24/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/22/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
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	20	84.90	0.0071	ND	NLE
beta-BHC	20	84.90	0.0071	ND	NLE
gamma-BHC	20	84.90	0.0094	ND	0.52
delta-BHC	20	84.90	0.0094	ND	NLE
Heptachlor	20	84.90	0.0071	ND	0.15
Aldrin	20	84.90	0.0094	ND	0.04
Heptachlor Epoxide	20	84.90	0.0141	ND	NLE
Endosulfan I	20	84.90	0.0118	ND	NLE
4,4'-DDE	20	84.90	0.0094	0.090	2
Dieldrin	20	84.90	0.0118	ND	0.042
Endrin	20	84.90	0.0118	ND	17
Endosulfan II	20	84.90	0.0094	ND	NLE
4,4'-DDD	20	84.90	0.0141	0.215	3
Endrin Aldehyde	20	84.90	0.0118	ND	NLE
4,4'-DDT	20	84.90	0.0259	0.086	2
Endosulfan-Sulfate	20	84.90	0.0094	ND	NLE
gamma -Chlordane	20	84.90	0.0118	0.075	NLE
alpha-Chlordane	20	84.90	0.0118	0.059	NLE
Toxaphene	20	84.90	0.0071	ND	0.1
Arochlor 1016	20	84.90	0.2633	ND	0.49
Arochlor 1221	20	84.90	0.4843	ND	0.49
Arochlor 1232	20	84.90	0.3291	ND	0.49
Arochlor 1242	20	84.90	0.3762	ND	0.49
Arochlor 1248	20	84.90	0.1505	ND	0.49
Arochlor 1254	20	84.90	0.0940	ND	0.49
Arochlor 1260	20	84.90	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

002589

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4145.34
	DPW. SELFM-PW-EV	**Date Rec'd:**	12/16/98
	Bldg. 173	**Extraction Date:**	12/24/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/22/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
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	20	84.33	0.0071	ND	NLE
beta-BHC	20	84.33	0.0071	ND	NLE
gamma-BHC	20	84.33	0.0095	ND	0.52
delta-BHC	20	84.33	0.0095	ND	NLE
Heptachlor	20	84.33	0.0071	ND	0.15
Aldrin	20	84.33	0.0095	ND	0.04
Heptachlor Epoxide	20	84.33	0.0142	ND	NLE
Endosulfan I	20	84.33	0.0118	ND	NLE
4,4'-DDE	20	84.33	0.0095	ND	2
Dieldrin	20	84.33	0.0118	ND	0.042
Endrin	20	84.33	0.0118	ND	17
Endosulfan II	20	84.33	0.0095	ND	NLE
4,4'-DDD	20	84.33	0.0142	ND	3
Endrin Aldehyde	20	84.33	0.0118	ND	NLE
4,4'-DDT	20	84.33	0.0260	ND	2
Endosulfan-Sulfate	20	84.33	0.0095	ND	NLE
gamma -Chlordane	20	84.33	0.0118	ND	NLE
alpha-Chlordane	20	84.33	0.0118	ND	NLE
Toxaphene	20	84.33	0.0071	ND	0.1
Arochlor 1016	20	84.33	0.2648	ND	0.49
Arochlor 1221	20	84.33	0.4871	ND	0.49
Arochlor 1232	20	84.33	0.3310	ND	0.49
Arochlor 1242	20	84.33	0.3783	ND	0.49
Arochlor 1248	20	84.33	0.1513	ND	0.49
Arochlor 1254	20	84.33	0.0946	ND	0.49
Arochlor 1260	20	84.33	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

002590

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4194.02
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/19/99
	Bldg. 173	**Extraction Date:**	1/20/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/25/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	29

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	85.21	0.0069	ND	NLE
beta-BHC	20	85.21	0.0069	ND	NLE
gamma-BHC	20	85.21	0.0092	ND	0.52
delta-BHC	20	85.21	0.0092	ND	NLE
Heptachlor	20	85.21	0.0069	ND	0.15
Aldrin	20	85.21	0.0092	ND	0.04
Heptachlor Epoxide	20	85.21	0.0138	ND	NLE
Endosulfan I	20	85.21	0.0115	ND	NLE
4,4'-DDE	20	85.21	0.0092	0.065	2
Dieldrin	20	85.21	0.0115	0.013	0.042
Endrin	20	85.21	0.0115	ND	17
Endosulfan II	20	85.21	0.0092	ND	NLE
4,4'-DDD	20	85.21	0.0138	0.050	3
Endrin Aldehyde	20	85.21	0.0115	ND	NLE
4,4'-DDT	20	85.21	0.0253	0.144	2
Endosulfan-Sulfate	20	85.21	0.0092	ND	NLE
gamma -Chlordane	20	85.21	0.0115	0.032	NLE
alpha-Chlordane	20	85.21	0.0115	0.024	NLE
Toxaphene	20	85.21	0.0069	ND	0.1
Arochlor 1016	20	85.21	0.2572	ND	0.49
Arochlor 1221	20	85.21	0.4731	ND	0.49
Arochlor 1232	20	85.21	0.3215	ND	0.49
Arochlor 1242	20	85.21	0.3675	ND	0.49
Arochlor 1248	20	85.21	0.1470	ND	0.49
Arochlor 1254	20	85.21	0.0919	ND	0.49
Arochlor 1260	20	85.21	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

002591

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4194.04
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/19/99
	Bldg. 173	**Extraction Date:**	1/20/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/25/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	30

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	87.26	0.0069	ND	NLE
beta-BHC	20	87.26	0.0069	ND	NLE
gamma-BHC	20	87.26	0.0092	ND	0.52
delta-BHC	20	87.26	0.0092	ND	NLE
Heptachlor	20	87.26	0.0069	ND	0.15
Aldrin	20	87.26	0.0092	ND	0.04
Heptachlor Epoxide	20	87.26	0.0137	ND	NLE
Endosulfan I	20	87.26	0.0114	ND	NLE
4,4'-DDE	20	87.26	0.0092	0.023	2
Dieldrin	20	87.26	0.0114	0.026	0.042
Endrin	20	87.26	0.0114	ND	17
Endosulfan II	20	87.26	0.0092	ND	NLE
4,4'-DDD	20	87.26	0.0137	0.022	3
Endrin Aldehyde	20	87.26	0.0114	ND	NLE
4,4'-DDT	20	87.26	0.0252	0.075	2
Endosulfan-Sulfate	20	87.26	0.0092	ND	NLE
gamma -Chlordane	20	87.26	0.0114	ND	NLE
alpha-Chlordane	20	87.26	0.0114	ND	NLE
Toxaphene	20	87.26	0.0069	ND	0.1
Arochlor 1016	20	87.26	0.2564	ND	0.49
Arochlor 1221	20	87.26	0.4717	ND	0.49
Arochlor 1232	20	87.26	0.3206	ND	0.49
Arochlor 1242	20	87.26	0.3664	ND	0.49
Arochlor 1248	20	87.26	0.1465	ND	0.49
Arochlor 1254	20	87.26	0.0916	ND	0.49
Arochlor 1260	20	87.26	0.0824	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 # :**	4194.06
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/19/99
	Bldg. 173	**Extraction Date:**	1/20/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/25/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
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	87.11	0.0068	ND	NLE
beta-BHC	20	87.11	0.0068	ND	NLE
gamma-BHC	20	87.11	0.0091	ND	0.52
delta-BHC	20	87.11	0.0091	ND	NLE
Heptachlor	20	87.11	0.0068	ND	0.15
Aldrin	20	87.11	0.0091	ND	0.04
Heptachlor Epoxide	20	87.11	0.0136	ND	NLE
Endosulfan I	20	87.11	0.0113	ND	NLE
4,4'-DDE	20	87.11	0.0091	0.207	2
Dieldrin	20	87.11	0.0113	ND	0.042
Endrin	20	87.11	0.0113	ND	17
Endosulfan II	20	87.11	0.0091	ND	NLE
4,4'-DDD	20	87.11	0.0136	0.062	3
Endrin Aldehyde	20	87.11	0.0113	ND	NLE
4,4'-DDT	20	87.11	0.0249	0.739	2
Endosulfan-Sulfate	20	87.11	0.0091	ND	NLE
gamma -Chlordane	20	87.11	0.0113	ND	NLE
alpha-Chlordane	20	87.11	0.0113	ND	NLE
Toxaphene	20	87.11	0.0068	ND	0.1
Arochlor 1016	20	87.11	0.2538	ND	0.49
Arochlor 1221	20	87.11	0.4669	ND	0.49
Arochlor 1232	20	87.11	0.3173	ND	0.49
Arochlor 1242	20	87.11	0.3626	ND	0.49
Arochlor 1248	20	87.11	0.1451	ND	0.49
Arochlor 1254	20	87.11	0.0907	ND	0.49
Arochlor 1260	20	87.11	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 # :**	4194.08
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/19/99
	Bldg. 173	**Extraction Date:**	1/20/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/25/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
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	89.85	0.0066	ND	NLE
beta-BHC	20	89.85	0.0066	ND	NLE
gamma-BHC	20	89.85	0.0088	ND	0.52
delta-BHC	20	89.85	0.0088	ND	NLE
Heptachlor	20	89.85	0.0066	ND	0.15
Aldrin	20	89.85	0.0088	ND	0.04
Heptachlor Epoxide	20	89.85	0.0132	ND	NLE
Endosulfan I	20	89.85	0.0110	ND	NLE
4,4'-DDE	20	89.85	0.0088	0.141	2
Dieldrin	20	89.85	0.0110	ND	0.042
Endrin	20	89.85	0.0110	ND	17
Endosulfan II	20	89.85	0.0088	ND	NLE
4,4'-DDD	20	89.85	0.0132	0.043	3
Endrin Aldehyde	20	89.85	0.0110	ND	NLE
4,4'-DDT	20	89.85	0.0241	0.332	2
Endosulfan-Sulfate	20	89.85	0.0088	ND	NLE
gamma -Chlordane	20	89.85	0.0110	ND	NLE
alpha-Chlordane	20	89.85	0.0110	ND	NLE
Toxaphene	20	89.85	0.0066	ND	0.1
Arochlor 1016	20	89.85	0.2456	ND	0.49
Arochlor 1221	20	89.85	0.4518	ND	0.49
Arochlor 1232	20	89.85	0.3070	ND	0.49
Arochlor 1242	20	89.85	0.3509	ND	0.49
Arochlor 1248	20	89.85	0.1404	ND	0.49
Arochlor 1254	20	89.85	0.0877	ND	0.49
Arochlor 1260	20	89.85	0.0789	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

002594

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4194.10
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/19/99
	Bldg. 173	**Extraction Date:**	1/20/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/25/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
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	87.84	0.0068	ND	NLE
beta-BHC	20	87.84	0.0068	ND	NLE
gamma-BHC	20	87.84	0.0091	ND	0.52
delta-BHC	20	87.84	0.0091	ND	NLE
Heptachlor	20	87.84	0.0068	ND	0.15
Aldrin	20	87.84	0.0091	ND	0.04
Heptachlor Epoxide	20	87.84	0.0136	ND	NLE
Endosulfan I	20	87.84	0.0114	ND	NLE
4,4'-DDE	20	87.84	0.0091	0.141	2
Dieldrin	20	87.84	0.0114	ND	0.042
Endrin	20	87.84	0.0114	ND	17
Endosulfan II	20	87.84	0.0091	ND	NLE
4,4'-DDD	20	87.84	0.0136	0.097	3
Endrin Aldehyde	20	87.84	0.0114	ND	NLE
4,4'-DDT	20	87.84	0.0250	0.662	2
Endosulfan-Sulfate	20	87.84	0.0091	ND	NLE
gamma -Chlordane	20	87.84	0.0114	ND	NLE
alpha-Chlordane	20	87.84	0.0114	ND	NLE
Toxaphene	20	87.84	0.0068	ND	0.1
Arochlor 1016	20	87.84	0.2548	ND	0.49
Arochlor 1221	20	87.84	0.4686	ND	0.49
Arochlor 1232	20	87.84	0.3184	ND	0.49
Arochlor 1242	20	87.84	0.3639	ND	0.49
Arochlor 1248	20	87.84	0.1456	ND	0.49
Arochlor 1254	20	87.84	0.0910	ND	0.49
Arochlor 1260	20	87.84	0.0819	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

002595

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4194.12
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/19/99
	Bldg. 173	**Extraction Date:**	1/20/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/25/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
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	84.51	0.0071	ND	NLE
beta-BHC	20	84.51	0.0071	ND	NLE
gamma-BHC	20	84.51	0.0094	ND	0.52
delta-BHC	20	84.51	0.0094	ND	NLE
Heptachlor	20	84.51	0.0071	ND	0.15
Aldrin	20	84.51	0.0094	ND	0.04
Heptachlor Epoxide	20	84.51	0.0141	ND	NLE
Endosulfan I	20	84.51	0.0118	ND	NLE
4,4'-DDE	20	84.51	0.0094	0.088	2
Dieldrin	20	84.51	0.0118	ND	0.042
Endrin	20	84.51	0.0118	ND	17
Endosulfan II	20	84.51	0.0094	ND	NLE
4,4'-DDD	20	84.51	0.0141	0.043	3
Endrin Aldehyde	20	84.51	0.0118	ND	NLE
4,4'-DDT	20	84.51	0.0259	0.182	2
Endosulfan-Sulfate	20	84.51	0.0094	ND	NLE
gamma -Chlordane	20	84.51	0.0118	0.025	NLE
alpha-Chlordane	20	84.51	0.0118	0.025	NLE
Toxaphene	20	84.51	0.0071	ND	0.1
Arochlor 1016	20	84.51	0.2637	ND	0.49
Arochlor 1221	20	84.51	0.4851	ND	0.49
Arochlor 1232	20	84.51	0.3297	ND	0.49
Arochlor 1242	20	84.51	0.3768	ND	0.49
Arochlor 1248	20	84.51	0.1507	ND	0.49
Arochlor 1254	20	84.51	0.0942	ND	0.49
Arochlor 1260	20	84.51	0.0848	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

002596

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4194.14
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/19/99
	Bldg. 173	**Extraction Date:**	1/20/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/25/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
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	90.28	0.0065	ND	NLE
beta-BHC	20	90.28	0.0065	ND	NLE
gamma-BHC	20	90.28	0.0087	ND	0.52
delta-BHC	20	90.28	0.0087	ND	NLE
Heptachlor	20	90.28	0.0065	ND	0.15
Aldrin	20	90.28	0.0087	ND	0.04
Heptachlor Epoxide	20	90.28	0.0130	ND	NLE
Endosulfan I	20	90.28	0.0109	ND	NLE
4,4'-DDE	20	90.28	0.0087	0.136	2
Dieldrin	20	90.28	0.0109	ND	0.042
Endrin	20	90.28	0.0109	ND	17
Endosulfan II	20	90.28	0.0087	ND	NLE
4,4'-DDD	20	90.28	0.0130	0.145	3
Endrin Aldehyde	20	90.28	0.0109	ND	NLE
4,4'-DDT	20	90.28	0.0239	0.253	2
Endosulfan-Sulfate	20	90.28	0.0087	ND	NLE
gamma -Chlordane	20	90.28	0.0109	0.020	NLE
alpha-Chlordane	20	90.28	0.0109	0.017	NLE
Toxaphene	20	90.28	0.0065	ND	0.1
Arochlor 1016	20	90.28	0.2433	ND	0.49
Arochlor 1221	20	90.28	0.4474	ND	0.49
Arochlor 1232	20	90.28	0.3041	ND	0.49
Arochlor 1242	20	90.28	0.3475	ND	0.49
Arochlor 1248	20	90.28	0.1390	ND	0.49
Arochlor 1254	20	90.28	0.0869	ND	0.49
Arochlor 1260	20	90.28	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

002597

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4194.16
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/19/99
	Bldg. 173	**Extraction Date:**	1/20/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/25/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
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	64.43	0.0092	ND	NLE
beta-BHC	20	64.43	0.0092	ND	NLE
gamma-BHC	20	64.43	0.0123	ND	0.52
delta-BHC	20	64.43	0.0123	ND	NLE
Heptachlor	20	64.43	0.0092	ND	0.15
Aldrin	20	64.43	0.0123	ND	0.04
Heptachlor Epoxide	20	64.43	0.0184	ND	NLE
Endosulfan I	20	64.43	0.0154	ND	NLE
4,4'-DDE	20	64.43	0.0123	0.081	2
Dieldrin	20	64.43	0.0154	ND	0.042
Endrin	20	64.43	0.0154	ND	17
Endosulfan II	20	64.43	0.0123	ND	NLE
4,4'-DDD	20	64.43	0.0184	0.049	3
Endrin Aldehyde	20	64.43	0.0154	ND	NLE
4,4'-DDT	20	64.43	0.0338	0.276	2
Endosulfan-Sulfate	20	64.43	0.0123	ND	NLE
gamma -Chlordane	20	64.43	0.0154	0.015	NLE
alpha-Chlordane	20	64.43	0.0154	ND	NLE
Toxaphene	20	64.43	0.0092	ND	0.1
Arochlor 1016	20	64.43	0.3439	ND	0.49
Arochlor 1221	20	64.43	0.4919	ND	0.49
Arochlor 1232	20	64.43	0.4299	ND	0.49
Arochlor 1242	20	64.43	0.4913	ND	0.49
Arochlor 1248	20	64.43	0.1965	ND	0.49
Arochlor 1254	20	64.43	0.1228	ND	0.49
Arochlor 1260	20	64.43	0.1105	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002598

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4194.18
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/19/99
	Bldg. 173	**Extraction Date:**	1/20/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/25/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
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	88.60	0.0067	ND	NLE
beta-BHC	20	88.60	0.0067	ND	NLE
gamma-BHC	20	88.60	0.0090	ND	0.52
delta-BHC	20	88.60	0.0090	ND	NLE
Heptachlor	20	88.60	0.0067	ND	0.15
Aldrin	20	88.60	0.0090	ND	0.04
Heptachlor Epoxide	20	88.60	0.0135	ND	NLE
Endosulfan I	20	88.60	0.0112	ND	NLE
4,4'-DDE	20	88.60	0.0090	0.064	2
Dieldrin	20	88.60	0.0112	ND	0.042
Endrin	20	88.60	0.0112	ND	17
Endosulfan II	20	88.60	0.0090	ND	NLE
4,4'-DDD	20	88.60	0.0135	0.042	3
Endrin Aldehyde	20	88.60	0.0112	ND	NLE
4,4'-DDT	20	88.60	0.0247	0.246	2
Endosulfan-Sulfate	20	88.60	0.0090	ND	NLE
gamma -Chlordane	20	88.60	0.0112	0.020	NLE
alpha-Chlordane	20	88.60	0.0112	0.013	NLE
Toxaphene	20	88.60	0.0067	ND	0.1
Arochlor 1016	20	88.60	0.2513	ND	0.49
Arochlor 1221	20	88.60	0.4622	ND	0.49
Arochlor 1232	20	88.60	0.3141	ND	0.49
Arochlor 1242	20	88.60	0.3590	ND	0.49
Arochlor 1248	20	88.60	0.1436	ND	0.49
Arochlor 1254	20	88.60	0.0898	ND	0.49
Arochlor 1260	20	88.60	0.0808	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

002599

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4194.20
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/19/99
	Bldg. 173	**Extraction Date:**	1/20/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/25/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
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	88.59	0.0067	ND	NLE
beta-BHC	20	88.59	0.0067	ND	NLE
gamma-BHC	20	88.59	0.0089	ND	0.52
delta-BHC	20	88.59	0.0089	ND	NLE
Heptachlor	20	88.59	0.0067	ND	0.15
Aldrin	20	88.59	0.0089	ND	0.04
Heptachlor Epoxide	20	88.59	0.0134	ND	NLE
Endosulfan I	20	88.59	0.0112	ND	NLE
4,4'-DDE	20	88.59	0.0089	0.072	2
Dieldrin	20	88.59	0.0112	ND	0.042
Endrin	20	88.59	0.0112	ND	17
Endosulfan II	20	88.59	0.0089	ND	NLE
4,4'-DDD	20	88.59	0.0134	0.030	3
Endrin Aldehyde	20	88.59	0.0112	ND	NLE
4,4'-DDT	20	88.59	0.0246	0.138	2
Endosulfan-Sulfate	20	88.59	0.0089	ND	NLE
gamma -Chlordane	20	88.59	0.0112	0.013	NLE
alpha-Chlordane	20	88.59	0.0112	ND	NLE
Toxaphene	20	88.59	0.0067	ND	0.1
Arochlor 1016	20	88.59	0.2501	ND	0.49
Arochlor 1221	20	88.59	0.4600	ND	0.49
Arochlor 1232	20	88.59	0.3126	ND	0.49
Arochlor 1242	20	88.59	0.3573	ND	0.49
Arochlor 1248	20	88.59	0.1429	ND	0.49
Arochlor 1254	20	88.59	0.0893	ND	0.49
Arochlor 1260	20	88.59	0.0804	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

002600

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4194.22
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/19/99
	Bldg. 173	**Extraction Date:**	1/20/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/25/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
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	92.74	0.0064	ND	NLE
beta-BHC	20	92.74	0.0064	ND	NLE
gamma-BHC	20	92.74	0.0086	ND	0.52
delta-BHC	20	92.74	0.0086	ND	NLE
Heptachlor	20	92.74	0.0064	ND	0.15
Aldrin	20	92.74	0.0086	ND	0.04
Heptachlor Epoxide	20	92.74	0.0128	ND	NLE
Endosulfan I	20	92.74	0.0107	ND	NLE
4,4'-DDE	20	92.74	0.0086	0.097	2
Dieldrin	20	92.74	0.0107	ND	0.042
Endrin	20	92.74	0.0107	ND	17
Endosulfan II	20	92.74	0.0086	ND	NLE
4,4'-DDD	20	92.74	0.0128	0.053	3
Endrin Aldehyde	20	92.74	0.0107	ND	NLE
4,4'-DDT	20	92.74	0.0236	0.133	2
Endosulfan-Sulfate	20	92.74	0.0086	ND	NLE
gamma -Chlordane	20	92.74	0.0107	ND	NLE
alpha-Chlordane	20	92.74	0.0107	ND	NLE
Toxaphene	20	92.74	0.0064	ND	0.1
Arochlor 1016	20	92.74	0.2399	ND	0.49
Arochlor 1221	20	92.74	0.4412	ND	0.49
Arochlor 1232	20	92.74	0.2998	ND	0.49
Arochlor 1242	20	92.74	0.3427	ND	0.49
Arochlor 1248	20	92.74	0.1371	ND	0.49
Arochlor 1254	20	92.74	0.0857	ND	0.49
Arochlor 1260	20	92.74	0.0771	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 # :**	4194.24
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/19/99
	Bldg. 173	**Extraction Date:**	1/21/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/25/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
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	87.11	0.0069	ND	NLE
beta-BHC	20	87.11	0.0069	ND	NLE
gamma-BHC	20	87.11	0.0092	ND	0.52
delta-BHC	20	87.11	0.0092	ND	NLE
Heptachlor	20	87.11	0.0069	ND	0.15
Aldrin	20	87.11	0.0092	ND	0.04
Heptachlor Epoxide	20	87.11	0.0137	ND	NLE
Endosulfan I	20	87.11	0.0114	ND	NLE
4,4'-DDE	20	87.11	0.0092	0.011	2
Dieldrin	20	87.11	0.0114	ND	0.042
Endrin	20	87.11	0.0114	ND	17
Endosulfan II	20	87.11	0.0092	ND	NLE
4,4'-DDD	20	87.11	0.0137	ND	3
Endrin Aldehyde	20	87.11	0.0114	ND	NLE
4,4'-DDT	20	87.11	0.0252	ND	2
Endosulfan-Sulfate	20	87.11	0.0092	ND	NLE
gamma -Chlordane	20	87.11	0.0114	ND	NLE
alpha-Chlordane	20	87.11	0.0114	ND	NLE
Toxaphene	20	87.11	0.0069	ND	0.1
Arochlor 1016	20	87.11	0.2564	ND	0.49
Arochlor 1221	20	87.11	0.4716	ND	0.49
Arochlor 1232	20	87.11	0.3205	ND	0.49
Arochlor 1242	20	87.11	0.3663	ND	0.49
Arochlor 1248	20	87.11	0.1465	ND	0.49
Arochlor 1254	20	87.11	0.0916	ND	0.49
Arochlor 1260	20	87.11	0.0824	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

002602

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4194.26
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/19/99
	Bldg. 173	**Extraction Date:**	1/21/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/25/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
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	84.85	0.0070	ND	NLE
beta-BHC	20	84.85	0.0070	ND	NLE
gamma-BHC	20	84.85	0.0094	ND	0.52
delta-BHC	20	84.85	0.0094	ND	NLE
Heptachlor	20	84.85	0.0070	ND	0.15
Aldrin	20	84.85	0.0094	ND	0.04
Heptachlor Epoxide	20	84.85	0.0140	ND	NLE
Endosulfan I	20	84.85	0.0117	ND	NLE
4,4'-DDE	20	84.85	0.0094	0.021	2
Dieldrin	20	84.85	0.0117	ND	0.042
Endrin	20	84.85	0.0117	ND	17
Endosulfan II	20	84.85	0.0094	ND	NLE
4,4'-DDD	20	84.85	0.0140	ND	3
Endrin Aldehyde	20	84.85	0.0117	ND	NLE
4,4'-DDT	20	84.85	0.0257	0.051	2
Endosulfan-Sulfate	20	84.85	0.0094	ND	NLE
gamma -Chlordane	20	84.85	0.0117	0.017	NLE
alpha-Chlordane	20	84.85	0.0117	0.017	NLE
Toxaphene	20	84.85	0.0070	ND	0.1
Arochlor 1016	20	84.85	0.2619	ND	0.49
Arochlor 1221	20	84.85	0.4817	ND	0.49
Arochlor 1232	20	84.85	0.3274	ND	0.49
Arochlor 1242	20	84.85	0.3741	ND	0.49
Arochlor 1248	20	84.85	0.1497	ND	0.49
Arochlor 1254	20	84.85	0.0935	ND	0.49
Arochlor 1260	20	84.85	0.0842	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

002603

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4351.02
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/16/99
	Bldg. 173	**Extraction Date:**	3/17/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/30/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	1A

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	73.03	0.0080	ND	NLE
beta-BHC	20	73.03	0.0080	ND	NLE
gamma-BHC	20	73.03	0.0107	ND	0.52
delta-BHC	20	73.03	0.0107	ND	NLE
Heptachlor	20	73.03	0.0080	ND	0.15
Aldrin	20	73.03	0.0107	ND	0.04
Heptachlor Epoxide	20	73.03	0.0160	ND	NLE
Endosulfan I	20	73.03	0.0133	ND	NLE
4,4'-DDE	20	73.03	0.0107	0.022	2
Dieldrin	20	73.03	0.0133	ND	0.042
Endrin	20	73.03	0.0133	ND	17
Endosulfan II	20	73.03	0.0107	ND	NLE
4,4'-DDD	20	73.03	0.0160	0.073	3
Endrin Aldehyde	20	73.03	0.0133	ND	NLE
4,4'-DDT	20	73.03	0.0293	0.100	2
Endosulfan-Sulfate	20	73.03	0.0107	ND	NLE
gamma -Chlordane	20	73.03	0.0133	0.034	NLE
alpha-Chlordane	20	73.03	0.0133	0.021	NLE
Toxaphene	20	73.03	0.0080	ND	0.1
Arochlor 1016	1	73.03	0.0149	ND	0.49
Arochlor 1221	1	73.03	0.0275	ND	0.49
Arochlor 1232	1	73.03	0.0187	ND	0.49
Arochlor 1242	1	73.03	0.0213	ND	0.49
Arochlor 1248	1	73.03	0.0085	ND	0.49
Arochlor 1254	1	73.03	0.0053	ND	0.49
Arochlor 1260	1	73.03	0.0048	0.727	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002604

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4351.04
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/16/99
	Bldg. 173	**Extraction Date:**	3/17/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/30/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	2B

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	82.29	0.0072	ND	NLE
beta-BHC	20	82.29	0.0072	ND	NLE
gamma-BHC	20	82.29	0.0096	ND	0.52
delta-BHC	20	82.29	0.0096	ND	NLE
Heptachlor	20	82.29	0.0072	ND	0.15
Aldrin	20	82.29	0.0096	ND	0.04
Heptachlor Epoxide	20	82.29	0.0144	ND	NLE
Endosulfan I	20	82.29	0.0120	ND	NLE
4,4'-DDE	20	82.29	0.0096	0.020	2
Dieldrin	20	82.29	0.0120	ND	0.042
Endrin	20	82.29	0.0120	ND	17
Endosulfan II	20	82.29	0.0096	ND	NLE
4,4'-DDD	20	82.29	0.0144	ND	3
Endrin Aldehyde	20	82.29	0.0120	ND	NLE
4,4'-DDT	20	82.29	0.0263	ND	2
Endosulfan-Sulfate	20	82.29	0.0096	ND	NLE
gamma -Chlordane	20	82.29	0.0120	ND	NLE
alpha-Chlordane	20	82.29	0.0120	ND	NLE
Toxaphene	20	82.29	0.0072	ND	0.1
Arochlor 1016	20	82.29	0.2682	ND	0.49
Arochlor 1221	20	82.29	0.4933	ND	0.49
Arochlor 1232	20	82.29	0.3352	ND	0.49
Arochlor 1242	20	82.29	0.3831	ND	0.49
Arochlor 1248	20	82.29	0.1532	ND	0.49
Arochlor 1254	20	82.29	0.0958	ND	0.49
Arochlor 1260	20	82.29	0.0862	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4351.06
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/16/99
	Bldg. 173	**Extraction Date:**	3/17/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/30/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	3C

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	86.15	0.0069	ND	NLE
beta-BHC	20	86.15	0.0069	ND	NLE
gamma-BHC	20	86.15	0.0091	ND	0.52
delta-BHC	20	86.15	0.0091	ND	NLE
Heptachlor	20	86.15	0.0069	ND	0.15
Aldrin	20	86.15	0.0091	ND	0.04
Heptachlor Epoxide	20	86.15	0.0137	ND	NLE
Endosulfan I	20	86.15	0.0114	ND	NLE
4,4'-DDE	20	86.15	0.0091	0.054	2
Dieldrin	20	86.15	0.0114	0.030	0.042
Endrin	20	86.15	0.0114	ND	17
Endosulfan II	20	86.15	0.0091	ND	NLE
4,4'-DDD	20	86.15	0.0137	0.043	3
Endrin Aldehyde	20	86.15	0.0114	ND	NLE
4,4'-DDT	20	86.15	0.0252	0.209	2
Endosulfan-Sulfate	20	86.15	0.0091	ND	NLE
gamma -Chlordane	20	86.15	0.0114	ND	NLE
alpha-Chlordane	20	86.15	0.0114	ND	NLE
Toxaphene	20	86.15	0.0069	ND	0.1
Arochlor 1016	1	86.15	0.0128	ND	0.49
Arochlor 1221	1	86.15	0.0236	ND	0.49
Arochlor 1232	1	86.15	0.0160	ND	0.49
Arochlor 1242	1	86.15	0.0183	ND	0.49
Arochlor 1248	1	86.15	0.0073	ND	0.49
Arochlor 1254	1	86.15	0.0046	ND	0.49
Arochlor 1260	1	86.15	0.0041	0.445	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4351.08
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/16/99
	Bldg. 173	**Extraction Date:**	3/17/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/30/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	4D

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	86.12	0.0067	ND	NLE
beta-BHC	20	86.12	0.0067	ND	NLE
gamma-BHC	20	86.12	0.0089	ND	0.52
delta-BHC	20	86.12	0.0089	ND	NLE
Heptachlor	20	86.12	0.0067	ND	0.15
Aldrin	20	86.12	0.0089	ND	0.04
Heptachlor Epoxide	20	86.12	0.0134	ND	NLE
Endosulfan I	20	86.12	0.0111	ND	NLE
4,4'-DDE	20	86.12	0.0089	0.073	2
Dieldrin	20	86.12	0.0111	0.022	0.042
Endrin	20	86.12	0.0111	ND	17
Endosulfan II	20	86.12	0.0089	ND	NLE
4,4'-DDD	20	86.12	0.0134	0.351	3
Endrin Aldehyde	20	86.12	0.0111	ND	NLE
4,4'-DDT	20	86.12	0.0245	0.042	2
Endosulfan-Sulfate	20	86.12	0.0089	ND	NLE
gamma -Chlordane	20	86.12	0.0111	0.035	NLE
alpha-Chlordane	20	86.12	0.0111	0.023	NLE
Toxaphene	20	86.12	0.0067	ND	0.1
Arochlor 1016	20	86.12	0.2494	ND	0.49
Arochlor 1221	20	86.12	0.4587	ND	0.49
Arochlor 1232	20	86.12	0.3117	ND	0.49
Arochlor 1242	20	86.12	0.3563	ND	0.49
Arochlor 1248	20	86.12	0.1425	ND	0.49
Arochlor 1254	20	86.12	0.0891	ND	0.49
Arochlor 1260	20	86.12	0.0802	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002607

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4351.10
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/16/99
	Bldg. 173	**Extraction Date:**	3/17/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/30/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	5E

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	71.99	0.0069	ND	NLE
beta-BHC	20	71.99	0.0069	ND	NLE
gamma-BHC	20	71.99	0.0092	ND	0.52
delta-BHC	20	71.99	0.0092	ND	NLE
Heptachlor	20	71.99	0.0069	ND	0.15
Aldrin	20	71.99	0.0092	ND	0.04
Heptachlor Epoxide	20	71.99	0.0139	ND	NLE
Endosulfan I	20	71.99	0.0116	ND	NLE
4,4'-DDE	20	71.99	0.0092	0.058	2
Dieldrin	20	71.99	0.0116	ND	0.042
Endrin	20	71.99	0.0116	ND	17
Endosulfan II	20	71.99	0.0092	ND	NLE
4,4'-DDD	20	71.99	0.0139	0.268	3
Endrin Aldehyde	20	71.99	0.0116	ND	NLE
4,4'-DDT	20	71.99	0.0254	0.050	2
Endosulfan-Sulfate	20	71.99	0.0092	ND	NLE
gamma -Chlordane	20	71.99	0.0116	0.033	NLE
alpha-Chlordane	20	71.99	0.0116	0.019	NLE
Toxaphene	20	71.99	0.0069	ND	0.1
Arochlor 1016	20	71.99	0.2589	ND	0.49
Arochlor 1221	20	71.99	0.4761	ND	0.49
Arochlor 1232	20	71.99	0.3236	ND	0.49
Arochlor 1242	20	71.99	0.3698	ND	0.49
Arochlor 1248	20	71.99	0.1479	ND	0.49
Arochlor 1254	20	71.99	0.0925	ND	0.49
Arochlor 1260	20	71.99	0.0832	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25ur

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4351.12
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/16/99
	Bldg. 173	**Extraction Date:**	3/17/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/30/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	6F

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	56.66	0.0105	ND	NLE
beta-BHC	20	56.66	0.0105	ND	NLE
gamma-BHC	20	56.66	0.0140	ND	0.52
delta-BHC	20	56.66	0.0140	ND	NLE
Heptachlor	20	56.66	0.0105	ND	0.15
Aldrin	20	56.66	0.0140	ND	0.04
Heptachlor Epoxide	20	56.66	0.0211	ND	NLE
Endosulfan I	20	56.66	0.0176	ND	NLE
4,4'-DDE	20	56.66	0.0140	0.046	2
Dieldrin	20	56.66	0.0176	ND	0.042
Endrin	20	56.66	0.0176	ND	17
Endosulfan II	20	56.66	0.0140	ND	NLE
4,4'-DDD	20	56.66	0.0211	0.070	3
Endrin Aldehyde	20	56.66	0.0176	ND	NLE
4,4'-DDT	20	56.66	0.0386	ND	2
Endosulfan-Sulfate	20	56.66	0.0140	ND	NLE
gamma -Chlordane	20	56.66	0.0176	ND	NLE
alpha-Chlordane	20	56.66	0.0176	ND	NLE
Toxaphene	20	56.66	0.0105	ND	0.1
Arochlor 1016	20	56.66	0.3934	ND	0.49
Arochlor 1221	20	56.66	0.7235	ND	0.49
Arochlor 1232	20	56.66	0.4917	ND	0.49
Arochlor 1242	20	56.66	0.5620	ND	0.49
Arochlor 1248	20	56.66	0.2248	ND	0.49
Arochlor 1254	20	56.66	0.1405	ND	0.49
Arochlor 1260	20	56.66	0.1264	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002609

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4351.14
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/16/99
	Bldg. 173	**Extraction Date:**	3/17/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/30/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	7G

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	87.77	0.0067	ND	NLE
beta-BHC	20	87.77	0.0067	ND	NLE
gamma-BHC	20	87.77	0.0090	ND	0.52
delta-BHC	20	87.77	0.0090	ND	NLE
Heptachlor	20	87.77	0.0067	ND	0.15
Aldrin	20	87.77	0.0090	ND	0.04
Heptachlor Epoxide	20	87.77	0.0135	ND	NLE
Endosulfan I	20	87.77	0.0112	ND	NLE
4,4'-DDE	20	87.77	0.0090	0.021	2
Dieldrin	20	87.77	0.0112	ND	0.042
Endrin	20	87.77	0.0112	ND	17
Endosulfan II	20	87.77	0.0090	ND	NLE
4,4'-DDD	20	87.77	0.0135	ND	3
Endrin Aldehyde	20	87.77	0.0112	ND	NLE
4,4'-DDT	20	87.77	0.0247	0.049	2
Endosulfan-Sulfate	20	87.77	0.0090	ND	NLE
gamma -Chlordane	20	87.77	0.0112	ND	NLE
alpha-Chlordane	20	87.77	0.0112	ND	NLE
Toxaphene	20	87.77	0.0067	ND	0.1
Arochlor 1016	20	87.77	0.2512	ND	0.49
Arochlor 1221	20	87.77	0.4620	ND	0.49
Arochlor 1232	20	87.77	0.3140	ND	0.49
Arochlor 1242	20	87.77	0.3588	ND	0.49
Arochlor 1248	20	87.77	0.1435	ND	0.49
Arochlor 1254	20	87.77	0.0897	ND	0.49
Arochlor 1260	20	87.77	0.0807	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4351.16
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/16/99
	Bldg. 173	**Extraction Date:**	3/17/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/30/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	8H

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	83.49	0.0071	ND	NLE
beta-BHC	20	83.49	0.0071	ND	NLE
gamma-BHC	20	83.49	0.0095	ND	0.52
delta-BHC	20	83.49	0.0095	ND	NLE
Heptachlor	20	83.49	0.0071	ND	0.15
Aldrin	20	83.49	0.0095	ND	0.04
Heptachlor Epoxide	20	83.49	0.0143	ND	NLE
Endosulfan I	20	83.49	0.0119	ND	NLE
4,4'-DDE	20	83.49	0.0095	0.033	2
Dieldrin	20	83.49	0.0119	ND	0.042
Endrin	20	83.49	0.0119	ND	17
Endosulfan II	20	83.49	0.0095	ND	NLE
4,4'-DDD	20	83.49	0.0143	0.049	3
Endrin Aldehyde	20	83.49	0.0119	ND	NLE
4,4'-DDT	20	83.49	0.0262	ND	2
Endosulfan-Sulfate	20	83.49	0.0095	ND	NLE
gamma -Chlordane	20	83.49	0.0119	ND	NLE
alpha-Chlordane	20	83.49	0.0119	ND	NLE
Toxaphene	20	83.49	0.0071	ND	0.1
Arochlor 1016	20	83.49	0.2667	ND	0.49
Arochlor 1221	20	83.49	0.4905	ND	0.49
Arochlor 1232	20	83.49	0.3334	ND	0.49
Arochlor 1242	20	83.49	0.3810	ND	0.49
Arochlor 1248	20	83.49	0.1524	ND	0.49
Arochlor 1254	20	83.49	0.0952	ND	0.49
Arochlor 1260	20	83.49	0.0857	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002611

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4351.18
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/16/99
	Bldg. 173	**Extraction Date:**	3/17/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/30/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	9I

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	71.25	0.0070	ND	NLE
beta-BHC	20	71.25	0.0070	ND	NLE
gamma-BHC	20	71.25	0.0093	ND	0.52
delta-BHC	20	71.25	0.0093	ND	NLE
Heptachlor	20	71.25	0.0070	ND	0.15
Aldrin	20	71.25	0.0093	ND	0.04
Heptachlor Epoxide	20	71.25	0.0140	ND	NLE
Endosulfan I	20	71.25	0.0117	ND	NLE
4,4'-DDE	20	71.25	0.0093	0.065	2
Dieldrin	20	71.25	0.0117	ND	0.042
Endrin	20	71.25	0.0117	ND	17
Endosulfan II	20	71.25	0.0093	ND	NLE
4,4'-DDD	20	71.25	0.0140	0.232	3
Endrin Aldehyde	20	71.25	0.0117	ND	NLE
4,4'-DDT	20	71.25	0.0257	0.965	2
Endosulfan-Sulfate	20	71.25	0.0093	ND	NLE
gamma -Chlordane	20	71.25	0.0117	0.040	NLE
alpha-Chlordane	20	71.25	0.0117	0.025	NLE
Toxaphene	20	71.25	0.0070	ND	0.1
Arochlor 1016	20	71.25	0.2616	ND	0.49
Arochlor 1221	20	71.25	0.4448	ND	0.49
Arochlor 1232	20	71.25	0.3269	ND	0.49
Arochlor 1242	20	71.25	0.3736	ND	0.49
Arochlor 1248	20	71.25	0.1495	ND	0.49
Arochlor 1254	20	71.25	0.0934	ND	0.49
Arochlor 1260	20	71.25	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

002612

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4351.20
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/16/99
	Bldg. 173	**Extraction Date:**	3/17/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/30/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	10J

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	85.63	0.0070	ND	NLE
beta-BHC	20	85.63	0.0070	ND	NLE
gamma-BHC	20	85.63	0.0093	ND	0.52
delta-BHC	20	85.63	0.0093	ND	NLE
Heptachlor	20	85.63	0.0070	ND	0.15
Aldrin	20	85.63	0.0093	ND	0.04
Heptachlor Epoxide	20	85.63	0.0140	ND	NLE
Endosulfan I	20	85.63	0.0117	ND	NLE
4,4'-DDE	20	85.63	0.0093	0.022	2
Dieldrin	20	85.63	0.0117	ND	0.042
Endrin	20	85.63	0.0117	ND	17
Endosulfan II	20	85.63	0.0093	ND	NLE
4,4'-DDD	20	85.63	0.0140	0.018	3
Endrin Aldehyde	20	85.63	0.0117	ND	NLE
4,4'-DDT	20	85.63	0.0257	0.027	2
Endosulfan-Sulfate	20	85.63	0.0093	ND	NLE
gamma -Chlordane	20	85.63	0.0117	ND	NLE
alpha-Chlordane	20	85.63	0.0117	ND	NLE
Toxaphene	20	85.63	0.0070	ND	0.1
Arochlor 1016	20	85.63	0.2613	ND	0.49
Arochlor 1221	20	85.63	0.4807	ND	0.49
Arochlor 1232	20	85.63	0.3267	ND	0.49
Arochlor 1242	20	85.63	0.3733	ND	0.49
Arochlor 1248	20	85.63	0.1493	ND	0.49
Arochlor 1254	20	85.63	0.0933	ND	0.49
Arochlor 1260	20	85.63	0.0840	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002613

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4351.22
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/16/99
	Bldg. 173	**Extraction Date:**	3/17/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/30/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	11K

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	67.94	0.0073	ND	NLE
beta-BHC	20	67.94	0.0073	ND	NLE
gamma-BHC	20	67.94	0.0098	ND	0.52
delta-BHC	20	67.94	0.0098	ND	NLE
Heptachlor	20	67.94	0.0073	ND	0.15
Aldrin	20	67.94	0.0098	ND	0.04
Heptachlor Epoxide	20	67.94	0.0147	ND	NLE
Endosulfan I	20	67.94	0.0122	ND	NLE
4,4'-DDE	20	67.94	0.0098	0.134	2
Dieldrin	20	67.94	0.0122	ND	0.042
Endrin	20	67.94	0.0122	ND	17
Endosulfan II	20	67.94	0.0098	ND	NLE
4,4'-DDD	20	67.94	0.0147	0.366	3
Endrin Aldehyde	20	67.94	0.0122	ND	NLE
4,4'-DDT	20	67.94	0.0269	ND	2
Endosulfan-Sulfate	20	67.94	0.0098	ND	NLE
gamma -Chlordane	20	67.94	0.0122	0.021	NLE
alpha-Chlordane	20	67.94	0.0122	0.016	NLE
Toxaphene	20	67.94	0.0073	ND	0.1
Arochlor 1016	20	67.94	0.2743	ND	0.49
Arochlor 1221	20	67.94	0.4665	ND	0.49
Arochlor 1232	20	67.94	0.3429	ND	0.49
Arochlor 1242	20	67.94	0.3919	ND	0.49
Arochlor 1248	20	67.94	0.1567	ND	0.49
Arochlor 1254	20	67.94	0.0980	ND	0.49
Arochlor 1260	20	67.94	0.0882	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

002614

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4351.24
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/16/99
	Bldg. 173	**Extraction Date:**	3/17/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/30/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	12L

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	71.48	0.0070	ND	NLE
beta-BHC	20	71.48	0.0070	ND	NLE
gamma-BHC	20	71.48	0.0093	ND	0.52
delta-BHC	20	71.48	0.0093	ND	NLE
Heptachlor	20	71.48	0.0070	ND	0.15
Aldrin	20	71.48	0.0093	ND	0.04
Heptachlor Epoxide	20	71.48	0.0140	ND	NLE
Endosulfan I	20	71.48	0.0116	ND	NLE
4,4'-DDE	20	71.48	0.0093	0.062	2
Dieldrin	20	71.48	0.0116	ND	0.042
Endrin	20	71.48	0.0116	ND	17
Endosulfan II	20	71.48	0.0093	ND	NLE
4,4'-DDD	20	71.48	0.0140	0.245	3
Endrin Aldehyde	20	71.48	0.0116	ND	NLE
4,4'-DDT	20	71.48	0.0256	0.032	2
Endosulfan-Sulfate	20	71.48	0.0093	ND	NLE
gamma -Chlordane	20	71.48	0.0116	0.016	NLE
alpha-Chlordane	20	71.48	0.0116	ND	NLE
Toxaphene	20	71.48	0.0070	ND	0.1
Arochlor 1016	20	71.48	0.2607	ND	0.49
Arochlor 1221	20	71.48	0.4434	ND	0.49
Arochlor 1232	20	71.48	0.3259	ND	0.49
Arochlor 1242	20	71.48	0.3724	ND	0.49
Arochlor 1248	20	71.48	0.1490	ND	0.49
Arochlor 1254	20	71.48	0.0931	ND	0.49
Arochlor 1260	20	71.48	0.0838	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25ur

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4351.26
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/16/99
	Bldg. 173	**Extraction Date:**	3/17/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/30/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	13M

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	75.27	0.0066	ND	NLE
beta-BHC	20	75.27	0.0066	ND	NLE
gamma-BHC	20	75.27	0.0088	ND	0.52
delta-BHC	20	75.27	0.0088	ND	NLE
Heptachlor	20	75.27	0.0066	ND	0.15
Aldrin	20	75.27	0.0088	ND	0.04
Heptachlor Epoxide	20	75.27	0.0133	ND	NLE
Endosulfan I	20	75.27	0.0111	ND	NLE
4,4'-DDE	20	75.27	0.0088	0.039	2
Dieldrin	20	75.27	0.0111	ND	0.042
Endrin	20	75.27	0.0111	ND	17
Endosulfan II	20	75.27	0.0088	ND	NLE
4,4'-DDD	20	75.27	0.0133	0.074	3
Endrin Aldehyde	20	75.27	0.0111	ND	NLE
4,4'-DDT	20	75.27	0.0243	0.065	2
Endosulfan-Sulfate	20	75.27	0.0088	ND	NLE
gamma -Chlordane	20	75.27	0.0111	0.016	NLE
alpha-Chlordane	20	75.27	0.0111	ND	NLE
Toxaphene	20	75.27	0.0066	ND	0.1
Arochlor 1016	20	75.27	0.2476	ND	0.49
Arochlor 1221	20	75.27	0.4210	ND	0.49
Arochlor 1232	20	75.27	0.3095	ND	0.49
Arochlor 1242	20	75.27	0.3537	ND	0.49
Arochlor 1248	20	75.27	0.1415	ND	0.49
Arochlor 1254	20	75.27	0.0884	ND	0.49
Arochlor 1260	20	75.27	0.0796	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 # :**	4354.02
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/17/99
	Bldg. 173	**Extraction Date:**	3/18/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	4/7/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	14N

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	83.65	0.0069	ND	NLE
beta-BHC	20	83.65	0.0069	ND	NLE
gamma-BHC	20	83.65	0.0092	ND	0.52
delta-BHC	20	83.65	0.0092	ND	NLE
Heptachlor	20	83.65	0.0069	ND	0.15
Aldrin	20	83.65	0.0092	ND	0.04
Heptachlor Epoxide	20	83.65	0.0138	ND	NLE
Endosulfan I	20	83.65	0.0115	ND	NLE
4,4'-DDE	20	83.65	0.0092	0.019	2
Dieldrin	20	83.65	0.0115	ND	0.042
Endrin	20	83.65	0.0115	ND	17
Endosulfan II	20	83.65	0.0092	ND	NLE
4,4'-DDD	20	83.65	0.0138	0.037	3
Endrin Aldehyde	20	83.65	0.0115	ND	NLE
4,4'-DDT	20	83.65	0.0253	ND	2
Endosulfan-Sulfate	20	83.65	0.0092	ND	NLE
gamma -Chlordane	20	83.65	0.0115	ND	NLE
alpha-Chlordane	20	83.65	0.0115	ND	NLE
Toxaphene	20	83.65	0.0069	ND	0.1
Arochlor 1016	20	83.65	0.2580	ND	0.49
Arochlor 1221	20	83.65	0.4745	ND	0.49
Arochlor 1232	20	83.65	0.3225	ND	0.49
Arochlor 1242	20	83.65	0.3685	ND	0.49
Arochlor 1248	20	83.65	0.1474	ND	0.49
Arochlor 1254	20	83.65	0.0921	ND	0.49
Arochlor 1260	20	83.65	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/.25u

002617

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4354.04
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/17/99
	Bldg. 173	**Extraction Date:**	3/18/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	4/7/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	15O

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	92.50	0.0062	ND	NLE
beta-BHC	20	92.50	0.0062	ND	NLE
gamma-BHC	20	92.50	0.0082	ND	0.52
delta-BHC	20	92.50	0.0082	ND	NLE
Heptachlor	20	92.50	0.0062	ND	0.15
Aldrin	20	92.50	0.0082	ND	0.04
Heptachlor Epoxide	20	92.50	0.0123	ND	NLE
Endosulfan I	20	92.50	0.0103	ND	NLE
4,4'-DDE	20	92.50	0.0082	ND	2
Dieldrin	20	92.50	0.0103	ND	0.042
Endrin	20	92.50	0.0103	ND	17
Endosulfan II	20	92.50	0.0082	ND	NLE
4,4'-DDD	20	92.50	0.0123	ND	3
Endrin Aldehyde	20	92.50	0.0103	ND	NLE
4,4'-DDT	20	92.50	0.0226	0.060	2
Endosulfan-Sulfate	20	92.50	0.0082	ND	NLE
gamma -Chlordane	20	92.50	0.0103	0.011	NLE
alpha-Chlordane	20	92.50	0.0103	ND	NLE
Toxaphene	20	92.50	0.0062	ND	0.1
Arochlor 1016	20	92.50	0.2300	ND	0.49
Arochlor 1221	20	92.50	0.4230	ND	0.49
Arochlor 1232	20	92.50	0.2875	ND	0.49
Arochlor 1242	20	92.50	0.3285	ND	0.49
Arochlor 1248	20	92.50	0.1314	ND	0.49
Arochlor 1254	20	92.50	0.0821	ND	0.49
Arochlor 1260	20	92.50	0.0739	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002618

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4354.06
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/17/99
	Bldg. 173	**Extraction Date:**	3/18/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	4/7/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	16P

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	83.72	0.0060	ND	NLE
beta-BHC	20	83.72	0.0060	ND	NLE
gamma-BHC	20	83.72	0.0079	ND	0.52
delta-BHC	20	83.72	0.0079	ND	NLE
Heptachlor	20	83.72	0.0060	ND	0.15
Aldrin	20	83.72	0.0079	ND	0.04
Heptachlor Epoxide	20	83.72	0.0119	ND	NLE
Endosulfan I	20	83.72	0.0099	ND	NLE
4,4'-DDE	20	83.72	0.0079	0.021	2
Dieldrin	20	83.72	0.0099	ND	0.042
Endrin	20	83.72	0.0099	ND	17
Endosulfan II	20	83.72	0.0079	ND	NLE
4,4'-DDD	20	83.72	0.0119	0.088	3
Endrin Aldehyde	20	83.72	0.0099	ND	NLE
4,4'-DDT	20	83.72	0.0219	0.162	2
Endosulfan-Sulfate	20	83.72	0.0079	ND	NLE
gamma -Chlordane	20	83.72	0.0099	0.201	NLE
alpha-Chlordane	20	83.72	0.0099	0.171	NLE
Toxaphene	20	83.72	0.0060	ND	0.1
Arochlor 1016	20	83.72	0.2226	ND	0.49
Arochlor 1221	20	83.72	0.3786	ND	0.49
Arochlor 1232	20	83.72	0.2782	ND	0.49
Arochlor 1242	20	83.72	0.3180	ND	0.49
Arochlor 1248	20	83.72	0.1272	ND	0.49
Arochlor 1254	20	83.72	0.0795	ND	0.49
Arochlor 1260	20	83.72	0.0715	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

002619

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4354.08
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/17/99
	Bldg. 173	**Extraction Date:**	3/18/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	4/7/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	17Q

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	83.93	0.0066	ND	NLE
beta-BHC	20	83.93	0.0066	ND	NLE
gamma-BHC	20	83.93	0.0088	ND	0.52
delta-BHC	20	83.93	0.0088	ND	NLE
Heptachlor	20	83.93	0.0066	ND	0.15
Aldrin	20	83.93	0.0088	ND	0.04
Heptachlor Epoxide	20	83.93	0.0133	ND	NLE
Endosulfan I	20	83.93	0.0111	ND	NLE
4,4'-DDE	20	83.93	0.0088	0.058	2
Dieldrin	20	83.93	0.0111	ND	0.042
Endrin	20	83.93	0.0111	ND	17
Endosulfan II	20	83.93	0.0088	ND	NLE
4,4'-DDD	20	83.93	0.0133	0.119	3
Endrin Aldehyde	20	83.93	0.0111	ND	NLE
4,4'-DDT	20	83.93	0.0243	0.043	2
Endosulfan-Sulfate	20	83.93	0.0088	ND	NLE
gamma -Chlordane	20	83.93	0.0111	0.045	NLE
alpha-Chlordane	20	83.93	0.0111	0.036	NLE
Toxaphene	20	83.93	0.0066	ND	0.1
Arochlor 1016	20	83.93	0.2476	ND	0.49
Arochlor 1221	20	83.93	0.4554	ND	0.49
Arochlor 1232	20	83.93	0.3095	ND	0.49
Arochlor 1242	20	83.93	0.3537	ND	0.49
Arochlor 1248	20	83.93	0.1415	ND	0.49
Arochlor 1254	20	83.93	0.0884	ND	0.49
Arochlor 1260	20	83.93	0.0796	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002620

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4354.10
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/17/99
	Bldg. 173	**Extraction Date:**	3/18/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	4/7/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	18R

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	81.70	0.0067	ND	NLE
beta-BHC	20	81.70	0.0067	ND	NLE
gamma-BHC	20	81.70	0.0089	ND	0.52
delta-BHC	20	81.70	0.0089	ND	NLE
Heptachlor	20	81.70	0.0067	ND	0.15
Aldrin	20	81.70	0.0089	ND	0.04
Heptachlor Epoxide	20	81.70	0.0134	ND	NLE
Endosulfan I	20	81.70	0.0111	ND	NLE
4,4'-DDE	20	81.70	0.0089	ND	2
Dieldrin	20	81.70	0.0111	ND	0.042
Endrin	20	81.70	0.0111	ND	17
Endosulfan II	20	81.70	0.0089	ND	NLE
4,4'-DDD	20	81.70	0.0134	ND	3
Endrin Aldehyde	20	81.70	0.0111	ND	NLE
4,4'-DDT	20	81.70	0.0245	ND	2
Endosulfan-Sulfate	20	81.70	0.0089	ND	NLE
gamma -Chlordane	20	81.70	0.0111	ND	NLE
alpha-Chlordane	20	81.70	0.0111	ND	NLE
Toxaphene	20	81.70	0.0067	ND	0.1
Arochlor 1016	20	81.70	0.2495	ND	0.49
Arochlor 1221	20	81.70	0.4589	ND	0.49
Arochlor 1232	20	81.70	0.3118	ND	0.49
Arochlor 1242	20	81.70	0.3564	ND	0.49
Arochlor 1248	20	81.70	0.1426	ND	0.49
Arochlor 1254	20	81.70	0.0891	ND	0.49
Arochlor 1260	20	81.70	0.0802	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002621

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4354.12
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/17/99
	Bldg. 173	**Extraction Date:**	3/18/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	4/7/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	19S

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	85.63	0.0064	ND	NLE
beta-BHC	20	85.63	0.0064	ND	NLE
gamma-BHC	20	85.63	0.0086	ND	0.52
delta-BHC	20	85.63	0.0086	ND	NLE
Heptachlor	20	85.63	0.0064	ND	0.15
Aldrin	20	85.63	0.0086	ND	0.04
Heptachlor Epoxide	20	85.63	0.0129	ND	NLE
Endosulfan I	20	85.63	0.0107	ND	NLE
4,4'-DDE	20	85.63	0.0086	0.206	2
Dieldrin	20	85.63	0.0107	ND	0.042
Endrin	20	85.63	0.0107	ND	17
Endosulfan II	20	85.63	0.0086	ND	NLE
4,4'-DDD	20	85.63	0.0129	0.077	3
Endrin Aldehyde	20	85.63	0.0107	ND	NLE
4,4'-DDT	20	85.63	0.0236	0.409	2
Endosulfan-Sulfate	20	85.63	0.0086	ND	NLE
gamma -Chlordane	20	85.63	0.0107	0.019	NLE
alpha-Chlordane	20	85.63	0.0107	0.015	NLE
Toxaphene	20	85.63	0.0064	ND	0.1
Arochlor 1016	1	85.63	0.0120	ND	0.49
Arochlor 1221	1	85.63	0.0221	ND	0.49
Arochlor 1232	1	85.63	0.0150	ND	0.49
Arochlor 1242	1	85.63	0.0171	ND	0.49
Arochlor 1248	1	85.63	0.0069	ND	0.49
Arochlor 1254	1	85.63	0.0043	ND	0.49
Arochlor 1260	1	85.63	0.0039	0.169	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002622

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4354.14
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/17/99
	Bldg. 173	**Extraction Date:**	3/18/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	4/7/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	20T

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	82.71	0.0067	ND	NLE
beta-BHC	20	82.71	0.0067	ND	NLE
gamma-BHC	20	82.71	0.0089	ND	0.52
delta-BHC	20	82.71	0.0089	ND	NLE
Heptachlor	20	82.71	0.0067	ND	0.15
Aldrin	20	82.71	0.0089	ND	0.04
Heptachlor Epoxide	20	82.71	0.0133	ND	NLE
Endosulfan I	20	82.71	0.0111	ND	NLE
4,4'-DDE	20	82.71	0.0089	0.035	2
Dieldrin	20	82.71	0.0111	ND	0.042
Endrin	20	82.71	0.0111	ND	17
Endosulfan II	20	82.71	0.0089	ND	NLE
4,4'-DDD	20	82.71	0.0133	0.060	3
Endrin Aldehyde	20	82.71	0.0111	ND	NLE
4,4'-DDT	20	82.71	0.0244	ND	2
Endosulfan-Sulfate	20	82.71	0.0089	ND	NLE
gamma -Chlordane	20	82.71	0.0111	ND	NLE
alpha-Chlordane	20	82.71	0.0111	ND	NLE
Toxaphene	20	82.71	0.0067	ND	0.1
Arochlor 1016	20	82.71	0.2485	ND	0.49
Arochlor 1221	20	82.71	0.4570	ND	0.49
Arochlor 1232	20	82.71	0.3106	ND	0.49
Arochlor 1242	20	82.71	0.3549	ND	0.49
Arochlor 1248	20	82.71	0.1420	ND	0.49
Arochlor 1254	20	82.71	0.0887	ND	0.49
Arochlor 1260	20	82.71	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/.25u

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4354.16
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/17/99
	Bldg. 173	**Extraction Date:**	3/18/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	4/7/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	21U

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	84.42	0.0065	ND	NLE
beta-BHC	20	84.42	0.0065	ND	NLE
gamma-BHC	20	84.42	0.0087	ND	0.52
delta-BHC	20	84.42	0.0087	ND	NLE
Heptachlor	20	84.42	0.0065	ND	0.15
Aldrin	20	84.42	0.0087	ND	0.04
Heptachlor Epoxide	20	84.42	0.0130	ND	NLE
Endosulfan I	20	84.42	0.0108	ND	NLE
4,4'-DDE	20	84.42	0.0087	0.096	2
Dieldrin	20	84.42	0.0108	ND	0.042
Endrin	20	84.42	0.0108	ND	17
Endosulfan II	20	84.42	0.0087	ND	NLE
4,4'-DDD	20	84.42	0.0130	0.083	3
Endrin Aldehyde	20	84.42	0.0108	ND	NLE
4,4'-DDT	20	84.42	0.0238	0.199	2
Endosulfan-Sulfate	20	84.42	0.0087	ND	NLE
gamma -Chlordane	20	84.42	0.0108	0.030	NLE
alpha-Chlordane	20	84.42	0.0108	0.017	NLE
Toxaphene	20	84.42	0.0065	ND	0.1
Arochlor 1016	20	84.42	0.2428	ND	0.49
Arochlor 1221	20	84.42	0.4465	ND	0.49
Arochlor 1232	20	84.42	0.3035	ND	0.49
Arochlor 1242	20	84.42	0.3468	ND	0.49
Arochlor 1248	20	84.42	0.1387	ND	0.49
Arochlor 1254	20	84.42	0.0867	ND	0.49
Arochlor 1260	20	84.42	0.0780	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4354.18
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/17/99
	Bldg. 173	**Extraction Date:**	3/18/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	4/7/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	22V

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	91.21	0.0062	ND	NLE
beta-BHC	20	91.21	0.0062	ND	NLE
gamma-BHC	20	91.21	0.0083	ND	0.52
delta-BHC	20	91.21	0.0083	ND	NLE
Heptachlor	20	91.21	0.0062	ND	0.15
Aldrin	20	91.21	0.0083	ND	0.04
Heptachlor Epoxide	20	91.21	0.0124	ND	NLE
Endosulfan I	20	91.21	0.0104	ND	NLE
4,4'-DDE	20	91.21	0.0083	0.083	2
Dieldrin	20	91.21	0.0104	ND	0.042
Endrin	20	91.21	0.0104	ND	17
Endosulfan II	20	91.21	0.0083	ND	NLE
4,4'-DDD	20	91.21	0.0124	0.018	3
Endrin Aldehyde	20	91.21	0.0104	ND	NLE
4,4'-DDT	20	91.21	0.0228	0.185	2
Endosulfan-Sulfate	20	91.21	0.0083	ND	NLE
gamma -Chlordane	20	91.21	0.0104	ND	NLE
alpha-Chlordane	20	91.21	0.0104	ND	NLE
Toxaphene	20	91.21	0.0062	ND	0.1
Arochlor 1016	20	91.21	0.2319	ND	0.49
Arochlor 1221	20	91.21	0.4265	ND	0.49
Arochlor 1232	20	91.21	0.2899	ND	0.49
Arochlor 1242	20	91.21	0.3313	ND	0.49
Arochlor 1248	20	91.21	0.1325	ND	0.49
Arochlor 1254	20	91.21	0.0828	ND	0.49
Arochlor 1260	20	91.21	0.0745	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

003625

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4354.20
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/17/99
	Bldg. 173	**Extraction Date:**	3/18/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	4/7/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	23W

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	90.27	0.0062	ND	NLE
beta-BHC	20	90.27	0.0062	ND	NLE
gamma-BHC	20	90.27	0.0082	ND	0.52
delta-BHC	20	90.27	0.0082	ND	NLE
Heptachlor	20	90.27	0.0062	ND	0.15
Aldrin	20	90.27	0.0082	ND	0.04
Heptachlor Epoxide	20	90.27	0.0123	ND	NLE
Endosulfan I	20	90.27	0.0103	ND	NLE
4,4'-DDE	20	90.27	0.0082	0.054	2
Dieldrin	20	90.27	0.0103	ND	0.042
Endrin	20	90.27	0.0103	ND	17
Endosulfan II	20	90.27	0.0082	ND	NLE
4,4'-DDD	20	90.27	0.0123	0.029	3
Endrin Aldehyde	20	90.27	0.0103	ND	NLE
4,4'-DDT	20	90.27	0.0226	0.159	2
Endosulfan-Sulfate	20	90.27	0.0082	ND	NLE
gamma -Chlordane	20	90.27	0.0103	0.012	NLE
alpha-Chlordane	20	90.27	0.0103	ND	NLE
Toxaphene	20	90.27	0.0062	ND	0.1
Arochlor 1016	20	90.27	0.2302	ND	0.49
Arochlor 1221	20	90.27	0.4234	ND	0.49
Arochlor 1232	20	90.27	0.2877	ND	0.49
Arochlor 1242	20	90.27	0.3288	ND	0.49
Arochlor 1248	20	90.27	0.1315	ND	0.49
Arochlor 1254	20	90.27	0.0822	ND	0.49
Arochlor 1260	20	90.27	0.0740	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002626

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4354.22
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/17/99
	Bldg. 173	**Extraction Date:**	3/18/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	4/7/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	24X

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	86.51	0.0063	ND	NLE
beta-BHC	20	86.51	0.0063	ND	NLE
gamma-BHC	20	86.51	0.0084	ND	0.52
delta-BHC	20	86.51	0.0084	ND	NLE
Heptachlor	20	86.51	0.0063	ND	0.15
Aldrin	20	86.51	0.0084	ND	0.04
Heptachlor Epoxide	20	86.51	0.0127	ND	NLE
Endosulfan I	20	86.51	0.0105	ND	NLE
4,4'-DDE	20	86.51	0.0084	0.033	2
Dieldrin	20	86.51	0.0105	ND	0.042
Endrin	20	86.51	0.0105	ND	17
Endosulfan II	20	86.51	0.0084	ND	NLE
4,4'-DDD	20	86.51	0.0127	0.047	3
Endrin Aldehyde	20	86.51	0.0105	ND	NLE
4,4'-DDT	20	86.51	0.0232	0.115	2
Endosulfan-Sulfate	20	86.51	0.0084	ND	NLE
gamma -Chlordane	20	86.51	0.0105	ND	NLE
alpha-Chlordane	20	86.51	0.0105	ND	NLE
Toxaphene	20	86.51	0.0063	ND	0.1
Arochlor 1016	20	86.51	0.2362	ND	0.49
Arochlor 1221	20	86.51	0.4345	ND	0.49
Arochlor 1232	20	86.51	0.2953	ND	0.49
Arochlor 1242	20	86.51	0.3375	ND	0.49
Arochlor 1248	20	86.51	0.1350	ND	0.49
Arochlor 1254	20	86.51	0.0844	ND	0.49
Arochlor 1260	20	86.51	0.0759	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002627

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4354.24
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/17/99
	Bldg. 173	**Extraction Date:**	3/18/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	4/7/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	25Y

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	82.76	0.0070	ND	NLE
beta-BHC	20	82.76	0.0070	ND	NLE
gamma-BHC	20	82.76	0.0094	ND	0.52
delta-BHC	20	82.76	0.0094	ND	NLE
Heptachlor	20	82.76	0.0070	ND	0.15
Aldrin	20	82.76	0.0094	ND	0.04
Heptachlor Epoxide	20	82.76	0.0141	ND	NLE
Endosulfan I	20	82.76	0.0117	ND	NLE
4,4'-DDE	20	82.76	0.0094	0.147	2
Dieldrin	20	82.76	0.0117	ND	0.042
Endrin	20	82.76	0.0117	ND	17
Endosulfan II	20	82.76	0.0094	ND	NLE
4,4'-DDD	20	82.76	0.0141	0.167	3
Endrin Aldehyde	20	82.76	0.0117	ND	NLE
4,4'-DDT	20	82.76	0.0258	0.254	2
Endosulfan-Sulfate	20	82.76	0.0094	ND	NLE
gamma -Chlordane	20	82.76	0.0117	ND	NLE
alpha-Chlordane	20	82.76	0.0117	ND	NLE
Toxaphene	20	82.76	0.0070	ND	0.1
Arochlor 1016	20	82.76	0.2630	ND	0.49
Arochlor 1221	20	82.76	0.4838	ND	0.49
Arochlor 1232	20	82.76	0.3288	ND	0.49
Arochlor 1242	20	82.76	0.3758	ND	0.49
Arochlor 1248	20	82.76	0.1503	ND	0.49
Arochlor 1254	20	82.76	0.0939	ND	0.49
Arochlor 1260	20	82.76	0.0845	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002628

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4354.26
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/17/99
	Bldg. 173	**Extraction Date:**	3/18/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	4/7/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	26Z

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	85.83	0.0070	ND	NLE
beta-BHC	20	85.83	0.0070	ND	NLE
gamma-BHC	20	85.83	0.0093	ND	0.52
delta-BHC	20	85.83	0.0093	ND	NLE
Heptachlor	20	85.83	0.0070	ND	0.15
Aldrin	20	85.83	0.0093	ND	0.04
Heptachlor Epoxide	20	85.83	0.0139	ND	NLE
Endosulfan I	20	85.83	0.0116	ND	NLE
4,4'-DDE	20	85.83	0.0093	ND	2
Dieldrin	20	85.83	0.0116	ND	0.042
Endrin	20	85.83	0.0116	ND	17
Endosulfan II	20	85.83	0.0093	ND	NLE
4,4'-DDD	20	85.83	0.0139	ND	3
Endrin Aldehyde	20	85.83	0.0116	ND	NLE
4,4'-DDT	20	85.83	0.0256	ND	2
Endosulfan-Sulfate	20	85.83	0.0093	ND	NLE
gamma -Chlordane	20	85.83	0.0116	ND	NLE
alpha-Chlordane	20	85.83	0.0116	ND	NLE
Toxaphene	20	85.83	0.0070	ND	0.1
Arochlor 1016	20	85.83	0.2602	ND	0.49
Arochlor 1221	20	85.83	0.4786	ND	0.49
Arochlor 1232	20	85.83	0.3253	ND	0.49
Arochlor 1242	20	85.83	0.3717	ND	0.49
Arochlor 1248	20	85.83	0.1487	ND	0.49
Arochlor 1254	20	85.83	0.0929	ND	0.49
Arochlor 1260	20	85.83	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/.25u

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4354.28
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/17/99
	Bldg. 173	**Extraction Date:**	3/18/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	4/7/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	27AA

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	75.79	0.0066	ND	NLE
beta-BHC	20	75.79	0.0066	ND	NLE
gamma-BHC	20	75.79	0.0088	ND	0.52
delta-BHC	20	75.79	0.0088	ND	NLE
Heptachlor	20	75.79	0.0066	ND	0.15
Aldrin	20	75.79	0.0088	ND	0.04
Heptachlor Epoxide	20	75.79	0.0132	ND	NLE
Endosulfan I	20	75.79	0.0110	ND	NLE
4,4'-DDE	20	75.79	0.0088	0.039	2
Dieldrin	20	75.79	0.0110	ND	0.042
Endrin	20	75.79	0.0110	ND	17
Endosulfan II	20	75.79	0.0088	ND	NLE
4,4'-DDD	20	75.79	0.0132	0.134	3
Endrin Aldehyde	20	75.79	0.0110	ND	NLE
4,4'-DDT	20	75.79	0.0241	0.043	2
Endosulfan-Sulfate	20	75.79	0.0088	ND	NLE
gamma -Chlordane	20	75.79	0.0110	0.034	NLE
alpha-Chlordane	20	75.79	0.0110	0.022	NLE
Toxaphene	20	75.79	0.0066	ND	0.1
Arochlor 1016	20	75.79	0.2459	ND	0.49
Arochlor 1221	20	75.79	0.4182	ND	0.49
Arochlor 1232	20	75.79	0.3074	ND	0.49
Arochlor 1242	20	75.79	0.3513	ND	0.49
Arochlor 1248	20	75.79	0.1405	ND	0.49
Arochlor 1254	20	75.79	0.0878	ND	0.49
Arochlor 1260	20	75.79	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

002630

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4357.02
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/18/99
	Bldg. 173	**Extraction Date:**	3/22/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	4/7/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	28BB

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	77.81	0.0069	ND	NLE
beta-BHC	20	77.81	0.0069	ND	NLE
gamma-BHC	20	77.81	0.0091	ND	0.52
delta-BHC	20	77.81	0.0091	ND	NLE
Heptachlor	20	77.81	0.0069	ND	0.15
Aldrin	20	77.81	0.0091	ND	0.04
Heptachlor Epoxide	20	77.81	0.0137	ND	NLE
Endosulfan I	20	77.81	0.0114	ND	NLE
4,4'-DDE	20	77.81	0.0091	0.025	2
Dieldrin	20	77.81	0.0114	ND	0.042
Endrin	20	77.81	0.0114	ND	17
Endosulfan II	20	77.81	0.0091	ND	NLE
4,4'-DDD	20	77.81	0.0137	0.048	3
Endrin Aldehyde	20	77.81	0.0114	ND	NLE
4,4'-DDT	20	77.81	0.0252	0.070	2
Endosulfan-Sulfate	20	77.81	0.0091	ND	NLE
gamma -Chlordane	20	77.81	0.0114	ND	NLE
alpha-Chlordane	20	77.81	0.0114	ND	NLE
Toxaphene	20	77.81	0.0069	ND	0.1
Arochlor 1016	20	77.81	0.2561	ND	0.49
Arochlor 1221	20	77.81	0.4711	ND	0.49
Arochlor 1232	20	77.81	0.3202	ND	0.49
Arochlor 1242	20	77.81	0.3659	ND	0.49
Arochlor 1248	20	77.81	0.1464	ND	0.49
Arochlor 1254	20	77.81	0.0915	ND	0.49
Arochlor 1260	20	77.81	0.0823	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4357.04
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/18/99
	Bldg. 173	**Extraction Date:**	3/22/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	4/7/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	29CC

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	85.70	0.0068	ND	NLE
beta-BHC	20	85.70	0.0068	ND	NLE
gamma-BHC	20	85.70	0.0091	ND	0.52
delta-BHC	20	85.70	0.0091	ND	NLE
Heptachlor	20	85.70	0.0068	ND	0.15
Aldrin	20	85.70	0.0091	ND	0.04
Heptachlor Epoxide	20	85.70	0.0136	ND	NLE
Endosulfan I	20	85.70	0.0114	ND	NLE
4,4'-DDE	20	85.70	0.0091	0.126	2
Dieldrin	20	85.70	0.0114	ND	0.042
Endrin	20	85.70	0.0114	ND	17
Endosulfan II	20	85.70	0.0091	ND	NLE
4,4'-DDD	20	85.70	0.0136	0.135	3
Endrin Aldehyde	20	85.70	0.0114	ND	NLE
4,4'-DDT	20	85.70	0.0250	0.340	2
Endosulfan-Sulfate	20	85.70	0.0091	ND	NLE
gamma -Chlordane	20	85.70	0.0114	0.017	NLE
alpha-Chlordane	20	85.70	0.0114	0.012	NLE
Toxaphene	20	85.70	0.0068	ND	0.1
Arochlor 1016	20	85.70	0.2543	ND	0.49
Arochlor 1221	20	85.70	0.4677	ND	0.49
Arochlor 1232	20	85.70	0.3178	ND	0.49
Arochlor 1242	20	85.70	0.3632	ND	0.49
Arochlor 1248	20	85.70	0.1453	ND	0.49
Arochlor 1254	20	85.70	0.0908	ND	0.49
Arochlor 1260	20	85.70	0.0817	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4357.06
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/18/99
	Bldg. 173	**Extraction Date:**	3/22/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	4/8/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	30DD

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	88.07	0.0066	ND	NLE
beta-BHC	20	88.07	0.0066	ND	NLE
gamma-BHC	20	88.07	0.0088	ND	0.52
delta-BHC	20	88.07	0.0088	ND	NLE
Heptachlor	20	88.07	0.0066	ND	0.15
Aldrin	20	88.07	0.0088	ND	0.04
Heptachlor Epoxide	20	88.07	0.0132	ND	NLE
Endosulfan I	20	88.07	0.0110	ND	NLE
4,4'-DDE	20	88.07	0.0088	0.049	2
Dieldrin	20	88.07	0.0110	ND	0.042
Endrin	20	88.07	0.0110	ND	17
Endosulfan II	20	88.07	0.0088	ND	NLE
4,4'-DDD	20	88.07	0.0132	0.018	3
Endrin Aldehyde	20	88.07	0.0110	ND	NLE
4,4'-DDT	20	88.07	0.0242	0.161	2
Endosulfan-Sulfate	20	88.07	0.0088	ND	NLE
gamma -Chlordane	20	88.07	0.0110	ND	NLE
alpha-Chlordane	20	88.07	0.0110	ND	NLE
Toxaphene	20	88.07	0.0066	ND	0.1
Arochlor 1016	20	88.07	0.2460	ND	0.49
Arochlor 1221	20	88.07	0.4524	ND	0.49
Arochlor 1232	20	88.07	0.3075	ND	0.49
Arochlor 1242	20	88.07	0.3514	ND	0.49
Arochlor 1248	20	88.07	0.1406	ND	0.49
Arochlor 1254	20	88.07	0.0878	ND	0.49
Arochlor 1260	20	88.07	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/.25u

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4357.08
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/18/99
	Bldg. 173	**Extraction Date:**	3/22/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	4/8/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	31EE

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	83.35	0.0071	ND	NLE
beta-BHC	20	83.35	0.0071	ND	NLE
gamma-BHC	20	83.35	0.0095	ND	0.52
delta-BHC	20	83.35	0.0095	ND	NLE
Heptachlor	20	83.35	0.0071	ND	0.15
Aldrin	20	83.35	0.0095	ND	0.04
Heptachlor Epoxide	20	83.35	0.0142	ND	NLE
Endosulfan I	20	83.35	0.0118	ND	NLE
4,4'-DDE	20	83.35	0.0095	0.026	2
Dieldrin	20	83.35	0.0118	ND	0.042
Endrin	20	83.35	0.0118	ND	17
Endosulfan II	20	83.35	0.0095	ND	NLE
4,4'-DDD	20	83.35	0.0142	0.018	3
Endrin Aldehyde	20	83.35	0.0118	ND	NLE
4,4'-DDT	20	83.35	0.0260	0.085	2
Endosulfan-Sulfate	20	83.35	0.0095	ND	NLE
gamma -Chlordane	20	83.35	0.0118	ND	NLE
alpha-Chlordane	20	83.35	0.0118	ND	NLE
Toxaphene	20	83.35	0.0071	ND	0.1
Arochlor 1016	20	83.35	0.2648	ND	0.49
Arochlor 1221	20	83.35	0.4870	ND	0.49
Arochlor 1232	20	83.35	0.3310	ND	0.49
Arochlor 1242	20	83.35	0.3782	ND	0.49
Arochlor 1248	20	83.35	0.1513	ND	0.49
Arochlor 1254	20	83.35	0.0946	ND	0.49
Arochlor 1260	20	83.35	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/.25u

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4357.10
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/18/99
	Bldg. 173	**Extraction Date:**	3/22/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	4/8/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	32FF

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	0.031	3
Endrin Aldehyde	20	85.25	0.0115	ND	NLE
4,4'-DDT	20	85.25	0.0253	0.099	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	0.2571	ND	0.49
Arochlor 1221	20	85.25	0.4729	ND	0.49
Arochlor 1232	20	85.25	0.3214	ND	0.49
Arochlor 1242	20	85.25	0.3673	ND	0.49
Arochlor 1248	20	85.25	0.1469	ND	0.49
Arochlor 1254	20	85.25	0.0918	ND	0.49
Arochlor 1260	20	85.25	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/.25u

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4357.12
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/18/99
	Bldg. 173	**Extraction Date:**	3/22/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	4/8/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	33GG

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	69.80	0.0072	ND	NLE
beta-BHC	20	69.80	0.0072	ND	NLE
gamma-BHC	20	69.80	0.0096	ND	0.52
delta-BHC	20	69.80	0.0096	ND	NLE
Heptachlor	20	69.80	0.0072	ND	0.15
Aldrin	20	69.80	0.0096	ND	0.04
Heptachlor Epoxide	20	69.80	0.0144	ND	NLE
Endosulfan I	20	69.80	0.0120	ND	NLE
4,4'-DDE	20	69.80	0.0096	0.046	2
Dieldrin	20	69.80	0.0120	ND	0.042
Endrin	20	69.80	0.0120	ND	17
Endosulfan II	20	69.80	0.0096	ND	NLE
4,4'-DDD	20	69.80	0.0144	0.093	3
Endrin Aldehyde	20	69.80	0.0120	ND	NLE
4,4'-DDT	20	69.80	0.0263	0.217	2
Endosulfan-Sulfate	20	69.80	0.0096	ND	NLE
gamma -Chlordane	20	69.80	0.0120	ND	NLE
alpha-Chlordane	20	69.80	0.0120	ND	NLE
Toxaphene	20	69.80	0.0072	ND	0.1
Arochlor 1016	20	69.80	0.2679	ND	0.49
Arochlor 1221	20	69.80	0.4927	ND	0.49
Arochlor 1232	20	69.80	0.3348	ND	0.49
Arochlor 1242	20	69.80	0.3827	ND	0.49
Arochlor 1248	20	69.80	0.1531	ND	0.49
Arochlor 1254	20	69.80	0.0957	ND	0.49
Arochlor 1260	20	69.80	0.0861	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4357.14
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/18/99
	Bldg. 173	**Extraction Date:**	3/22/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	4/8/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	34HH

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	86.12	0.0069	ND	NLE
beta-BHC	20	86.12	0.0069	ND	NLE
gamma-BHC	20	86.12	0.0093	ND	0.52
delta-BHC	20	86.12	0.0093	ND	NLE
Heptachlor	20	86.12	0.0069	ND	0.15
Aldrin	20	86.12	0.0093	ND	0.04
Heptachlor Epoxide	20	86.12	0.0139	ND	NLE
Endosulfan I	20	86.12	0.0116	ND	NLE
4,4'-DDE	20	86.12	0.0093	0.061	2
Dieldrin	20	86.12	0.0116	ND	0.042
Endrin	20	86.12	0.0116	ND	17
Endosulfan II	20	86.12	0.0093	ND	NLE
4,4'-DDD	20	86.12	0.0139	0.173	3
Endrin Aldehyde	20	86.12	0.0116	ND	NLE
4,4'-DDT	20	86.12	0.0254	0.038	2
Endosulfan-Sulfate	20	86.12	0.0093	ND	NLE
gamma -Chlordane	20	86.12	0.0116	0.021	NLE
alpha-Chlordane	20	86.12	0.0116	0.016	NLE
Toxaphene	20	86.12	0.0069	ND	0.1
Arochlor 1016	20	86.12	0.2591	ND	0.49
Arochlor 1221	20	86.12	0.4765	ND	0.49
Arochlor 1232	20	86.12	0.3238	ND	0.49
Arochlor 1242	20	86.12	0.3701	ND	0.49
Arochlor 1248	20	86.12	0.1480	ND	0.49
Arochlor 1254	20	86.12	0.0925	ND	0.49
Arochlor 1260	20	86.12	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/.25u

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4357.16
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/18/99
	Bldg. 173	**Extraction Date:**	3/22/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	4/8/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	35II

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	84.00	0.0071	ND	NLE
beta-BHC	20	84.00	0.0071	ND	NLE
gamma-BHC	20	84.00	0.0095	ND	0.52
delta-BHC	20	84.00	0.0095	ND	NLE
Heptachlor	20	84.00	0.0071	ND	0.15
Aldrin	20	84.00	0.0095	ND	0.04
Heptachlor Epoxide	20	84.00	0.0142	ND	NLE
Endosulfan I	20	84.00	0.0118	ND	NLE
4,4'-DDE	20	84.00	0.0095	ND	2
Dieldrin	20	84.00	0.0118	ND	0.042
Endrin	20	84.00	0.0118	ND	17
Endosulfan II	20	84.00	0.0095	ND	NLE
4,4'-DDD	20	84.00	0.0142	ND	3
Endrin Aldehyde	20	84.00	0.0118	ND	NLE
4,4'-DDT	20	84.00	0.0261	ND	2
Endosulfan-Sulfate	20	84.00	0.0095	ND	NLE
gamma -Chlordane	20	84.00	0.0118	ND	NLE
alpha-Chlordane	20	84.00	0.0118	ND	NLE
Toxaphene	20	84.00	0.0071	ND	0.1
Arochlor 1016	20	84.00	0.2653	ND	0.49
Arochlor 1221	20	84.00	0.4880	ND	0.49
Arochlor 1232	20	84.00	0.3317	ND	0.49
Arochlor 1242	20	84.00	0.3791	ND	0.49
Arochlor 1248	20	84.00	0.1516	ND	0.49
Arochlor 1254	20	84.00	0.0948	ND	0.49
Arochlor 1260	20	84.00	0.0853	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4357.18
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/18/99
	Bldg. 173	**Extraction Date:**	3/22/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	4/8/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	36JJ

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	82.95	0.0071	ND	NLE
beta-BHC	20	82.95	0.0071	ND	NLE
gamma-BHC	20	82.95	0.0095	ND	0.52
delta-BHC	20	82.95	0.0095	ND	NLE
Heptachlor	20	82.95	0.0071	ND	0.15
Aldrin	20	82.95	0.0095	ND	0.04
Heptachlor Epoxide	20	82.95	0.0143	ND	NLE
Endosulfan I	20	82.95	0.0119	ND	NLE
4,4'-DDE	20	82.95	0.0095	ND	2
Dieldrin	20	82.95	0.0119	ND	0.042
Endrin	20	82.95	0.0119	ND	17
Endosulfan II	20	82.95	0.0095	ND	NLE
4,4'-DDD	20	82.95	0.0143	ND	3
Endrin Aldehyde	20	82.95	0.0119	ND	NLE
4,4'-DDT	20	82.95	0.0262	ND	2
Endosulfan-Sulfate	20	82.95	0.0095	ND	NLE
gamma -Chlordane	20	82.95	0.0119	ND	NLE
alpha-Chlordane	20	82.95	0.0119	ND	NLE
Toxaphene	20	82.95	0.0071	ND	0.1
Arochlor 1016	20	82.95	0.2666	ND	0.49
Arochlor 1221	20	82.95	0.4903	ND	0.49
Arochlor 1232	20	82.95	0.3332	ND	0.49
Arochlor 1242	20	82.95	0.3808	ND	0.49
Arochlor 1248	20	82.95	0.1523	ND	0.49
Arochlor 1254	20	82.95	0.0952	ND	0.49
Arochlor 1260	20	82.95	0.0857	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002639

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4357.20
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/18/99
	Bldg. 173	**Extraction Date:**	3/22/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	4/8/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	37KK

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	82.69	0.0071	ND	NLE
beta-BHC	20	82.69	0.0071	ND	NLE
gamma-BHC	20	82.69	0.0095	ND	0.52
delta-BHC	20	82.69	0.0095	ND	NLE
Heptachlor	20	82.69	0.0071	ND	0.15
Aldrin	20	82.69	0.0095	ND	0.04
Heptachlor Epoxide	20	82.69	0.0142	ND	NLE
Endosulfan I	20	82.69	0.0118	ND	NLE
4,4'-DDE	20	82.69	0.0095	0.024	2
Dieldrin	20	82.69	0.0118	ND	0.042
Endrin	20	82.69	0.0118	ND	17
Endosulfan II	20	82.69	0.0095	ND	NLE
4,4'-DDD	20	82.69	0.0142	0.021	3
Endrin Aldehyde	20	82.69	0.0118	ND	NLE
4,4'-DDT	20	82.69	0.0260	0.051	2
Endosulfan-Sulfate	20	82.69	0.0095	ND	NLE
gamma -Chlordane	20	82.69	0.0118	ND	NLE
alpha-Chlordane	20	82.69	0.0118	ND	NLE
Toxaphene	20	82.69	0.0071	ND	0.1
Arochlor 1016	20	82.69	0.2651	ND	0.49
Arochlor 1221	20	82.69	0.4875	ND	0.49
Arochlor 1232	20	82.69	0.3313	ND	0.49
Arochlor 1242	20	82.69	0.3787	ND	0.49
Arochlor 1248	20	82.69	0.1515	ND	0.49
Arochlor 1254	20	82.69	0.0947	ND	0.49
Arochlor 1260	20	82.69	0.0852	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002640

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4357.22
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/18/99
	Bldg. 173	**Extraction Date:**	3/22/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	4/8/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	38LL

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	80.29	0.0067	ND	NLE
beta-BHC	20	80.29	0.0067	ND	NLE
gamma-BHC	20	80.29	0.0090	ND	0.52
delta-BHC	20	80.29	0.0090	ND	NLE
Heptachlor	20	80.29	0.0067	ND	0.15
Aldrin	20	80.29	0.0090	ND	0.04
Heptachlor Epoxide	20	80.29	0.0134	ND	NLE
Endosulfan I	20	80.29	0.0112	ND	NLE
4,4'-DDE	20	80.29	0.0090	0.029	2
Dieldrin	20	80.29	0.0112	ND	0.042
Endrin	20	80.29	0.0112	ND	17
Endosulfan II	20	80.29	0.0090	ND	NLE
4,4'-DDD	20	80.29	0.0134	0.137	3
Endrin Aldehyde	20	80.29	0.0112	ND	NLE
4,4'-DDT	20	80.29	0.0246	ND	2
Endosulfan-Sulfate	20	80.29	0.0090	ND	NLE
gamma -Chlordane	20	80.29	0.0112	0.018	NLE
alpha-Chlordane	20	80.29	0.0112	0.013	NLE
Toxaphene	20	80.29	0.0067	ND	0.1
Arochlor 1016	20	80.29	0.2507	ND	0.49
Arochlor 1221	20	80.29	0.4610	ND	0.49
Arochlor 1232	20	80.29	0.3133	ND	0.49
Arochlor 1242	20	80.29	0.3581	ND	0.49
Arochlor 1248	20	80.29	0.1432	ND	0.49
Arochlor 1254	20	80.29	0.0895	ND	0.49
Arochlor 1260	20	80.29	0.0806	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4357.24
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/18/99
	Bldg. 173	**Extraction Date:**	3/22/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	4/8/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	39MM

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	81.71	0.0066	ND	NLE
beta-BHC	20	81.71	0.0066	ND	NLE
gamma-BHC	20	81.71	0.0089	ND	0.52
delta-BHC	20	81.71	0.0089	ND	NLE
Heptachlor	20	81.71	0.0066	ND	0.15
Aldrin	20	81.71	0.0089	ND	0.04
Heptachlor Epoxide	20	81.71	0.0133	ND	NLE
Endosulfan I	20	81.71	0.0111	ND	NLE
4,4'-DDE	20	81.71	0.0089	0.078	2
Dieldrin	20	81.71	0.0111	ND	0.042
Endrin	20	81.71	0.0111	ND	17
Endosulfan II	20	81.71	0.0089	ND	NLE
4,4'-DDD	20	81.71	0.0133	0.302	3
Endrin Aldehyde	20	81.71	0.0111	ND	NLE
4,4'-DDT	20	81.71	0.0244	0.032	2
Endosulfan-Sulfate	20	81.71	0.0089	ND	NLE
gamma -Chlordane	20	81.71	0.0111	0.024	NLE
alpha-Chlordane	20	81.71	0.0111	0.022	NLE
Toxaphene	20	81.71	0.0066	ND	0.1
Arochlor 1016	20	81.71	0.2481	ND	0.49
Arochlor 1221	20	81.71	0.4563	ND	0.49
Arochlor 1232	20	81.71	0.3101	ND	0.49
Arochlor 1242	20	81.71	0.3544	ND	0.49
Arochlor 1248	20	81.71	0.1418	ND	0.49
Arochlor 1254	20	81.71	0.0886	ND	0.49
Arochlor 1260	20	81.71	0.0797	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002642

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4357.26
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/18/99
	Bldg. 173	**Extraction Date:**	3/22/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	4/8/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	40NN

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	69.57	0.0072	ND	NLE
beta-BHC	20	69.57	0.0072	ND	NLE
gamma-BHC	20	69.57	0.0096	ND	0.52
delta-BHC	20	69.57	0.0096	ND	NLE
Heptachlor	20	69.57	0.0072	ND	0.15
Aldrin	20	69.57	0.0096	ND	0.04
Heptachlor Epoxide	20	69.57	0.0144	ND	NLE
Endosulfan I	20	69.57	0.0120	ND	NLE
4,4'-DDE	20	69.57	0.0096	0.056	2
Dieldrin	20	69.57	0.0120	ND	0.042
Endrin	20	69.57	0.0120	ND	17
Endosulfan II	20	69.57	0.0096	ND	NLE
4,4'-DDD	20	69.57	0.0144	0.087	3
Endrin Aldehyde	20	69.57	0.0120	ND	NLE
4,4'-DDT	20	69.57	0.0264	ND	2
Endosulfan-Sulfate	20	69.57	0.0096	ND	NLE
gamma -Chlordane	20	69.57	0.0120	0.021	NLE
alpha-Chlordane	20	69.57	0.0120	0.029	NLE
Toxaphene	20	69.57	0.0072	ND	0.1
Arochlor 1016	20	69.57	0.2688	ND	0.49
Arochlor 1221	20	69.57	0.4943	ND	0.49
Arochlor 1232	20	69.57	0.3360	ND	0.49
Arochlor 1242	20	69.57	0.3839	ND	0.49
Arochlor 1248	20	69.57	0.1536	ND	0.49
Arochlor 1254	20	69.57	0.0960	ND	0.49
Arochlor 1260	20	69.57	0.0864	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002643

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4357.28
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/18/99
	Bldg. 173	**Extraction Date:**	3/22/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	4/8/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	4100

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	81.67	0.0066	ND	NLE
beta-BHC	20	81.67	0.0066	ND	NLE
gamma-BHC	20	81.67	0.0089	ND	0.52
delta-BHC	20	81.67	0.0089	ND	NLE
Heptachlor	20	81.67	0.0066	ND	0.15
Aldrin	20	81.67	0.0089	ND	0.04
Heptachlor Epoxide	20	81.67	0.0133	ND	NLE
Endosulfan I	20	81.67	0.0111	ND	NLE
4,4'-DDE	20	81.67	0.0089	0.014	2
Dieldrin	20	81.67	0.0111	ND	0.042
Endrin	20	81.67	0.0111	ND	17
Endosulfan II	20	81.67	0.0089	ND	NLE
4,4'-DDD	20	81.67	0.0133	ND	3
Endrin Aldehyde	20	81.67	0.0111	ND	NLE
4,4'-DDT	20	81.67	0.0244	0.036	2
Endosulfan-Sulfate	20	81.67	0.0089	ND	NLE
gamma -Chlordane	20	81.67	0.0111	ND	NLE
alpha-Chlordane	20	81.67	0.0111	ND	NLE
Toxaphene	20	81.67	0.0066	ND	0.1
Arochlor 1016	20	81.67	0.2482	ND	0.49
Arochlor 1221	20	81.67	0.4565	ND	0.49
Arochlor 1232	20	81.67	0.3103	ND	0.49
Arochlor 1242	20	81.67	0.3546	ND	0.49
Arochlor 1248	20	81.67	0.1418	ND	0.49
Arochlor 1254	20	81.67	0.0886	ND	0.49
Arochlor 1260	20	81.67	0.0798	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002644

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4357.30
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/18/99
	Bldg. 173	**Extraction Date:**	3/22/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	4/8/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	42PP

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	71.58	0.0072	ND	NLE
beta-BHC	20	71.58	0.0072	ND	NLE
gamma-BHC	20	71.58	0.0096	ND	0.52
delta-BHC	20	71.58	0.0096	ND	NLE
Heptachlor	20	71.58	0.0072	ND	0.15
Aldrin	20	71.58	0.0096	ND	0.04
Heptachlor Epoxide	20	71.58	0.0143	ND	NLE
Endosulfan I	20	71.58	0.0119	ND	NLE
4,4'-DDE	20	71.58	0.0096	0.042	2
Dieldrin	20	71.58	0.0119	ND	0.042
Endrin	20	71.58	0.0119	ND	17
Endosulfan II	20	71.58	0.0096	ND	NLE
4,4'-DDD	20	71.58	0.0143	0.119	3
Endrin Aldehyde	20	71.58	0.0119	ND	NLE
4,4'-DDT	20	71.58	0.0263	ND	2
Endosulfan-Sulfate	20	71.58	0.0096	ND	NLE
gamma -Chlordane	20	71.58	0.0119	ND	NLE
alpha-Chlordane	20	71.58	0.0119	ND	NLE
Toxaphene	20	71.58	0.0072	ND	0.1
Arochlor 1016	20	71.58	0.2675	ND	0.49
Arochlor 1221	20	71.58	0.4919	ND	0.49
Arochlor 1232	20	71.58	0.3343	ND	0.49
Arochlor 1242	20	71.58	0.3821	ND	0.49
Arochlor 1248	20	71.58	0.1528	ND	0.49
Arochlor 1254	20	71.58	0.0955	ND	0.49
Arochlor 1260	20	71.58	0.0860	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002645

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4372.02
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/26/99
	Bldg. 173	**Extraction Date:**	3/30/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	4/27/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	43

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	85.54	0.0069	ND	NLE
beta-BHC	20	85.54	0.0069	ND	NLE
gamma-BHC	20	85.54	0.0091	ND	0.52
delta-BHC	20	85.54	0.0091	ND	NLE
Heptachlor	20	85.54	0.0069	ND	0.15
Aldrin	20	85.54	0.0091	ND	0.04
Heptachlor Epoxide	20	85.54	0.0137	ND	NLE
Endosulfan I	20	85.54	0.0114	ND	NLE
4,4'-DDE	20	85.54	0.0091	0.097	2
Dieldrin	20	85.54	0.0114	ND	0.042
Endrin	20	85.54	0.0114	ND	17
Endosulfan II	20	85.54	0.0091	ND	NLE
4,4'-DDD	20	85.54	0.0137	0.350	3
Endrin Aldehyde	20	85.54	0.0114	ND	NLE
4,4'-DDT	20	85.54	0.0251	0.292	2
Endosulfan-Sulfate	20	85.54	0.0091	ND	NLE
gamma -Chlordane	20	85.54	0.0114	0.020	NLE
alpha-Chlordane	20	85.54	0.0114	0.015	NLE
Toxaphene	20	85.54	0.0069	ND	0.1
Arochlor 1016	20	85.54	0.2560	ND	0.49
Arochlor 1221	20	85.54	0.4708	ND	0.49
Arochlor 1232	20	85.54	0.3200	ND	0.49
Arochlor 1242	20	85.54	0.3657	ND	0.49
Arochlor 1248	20	85.54	0.1463	ND	0.49
Arochlor 1254	20	85.54	0.0914	ND	0.49
Arochlor 1260	20	85.54	0.0823	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002646

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4372.04
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/26/99
	Bldg. 173	**Extraction Date:**	3/30/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	4/27/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
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	89.72	0.0065	ND	NLE
beta-BHC	20	89.72	0.0065	ND	NLE
gamma-BHC	20	89.72	0.0087	ND	0.52
delta-BHC	20	89.72	0.0087	ND	NLE
Heptachlor	20	89.72	0.0065	ND	0.15
Aldrin	20	89.72	0.0087	ND	0.04
Heptachlor Epoxide	20	89.72	0.0131	ND	NLE
Endosulfan I	20	89.72	0.0109	ND	NLE
4,4'-DDE	20	89.72	0.0087	ND	2
Dieldrin	20	89.72	0.0109	ND	0.042
Endrin	20	89.72	0.0109	ND	17
Endosulfan II	20	89.72	0.0087	ND	NLE
4,4'-DDD	20	89.72	0.0131	ND	3
Endrin Aldehyde	20	89.72	0.0109	ND	NLE
4,4'-DDT	20	89.72	0.0240	ND	2
Endosulfan-Sulfate	20	89.72	0.0087	ND	NLE
gamma -Chlordane	20	89.72	0.0109	ND	NLE
alpha-Chlordane	20	89.72	0.0109	ND	NLE
Toxaphene	20	89.72	0.0065	ND	0.1
Arochlor 1016	20	89.72	0.2443	ND	0.49
Arochlor 1221	20	89.72	0.4493	ND	0.49
Arochlor 1232	20	89.72	0.3054	ND	0.49
Arochlor 1242	20	89.72	0.3490	ND	0.49
Arochlor 1248	20	89.72	0.1396	ND	0.49
Arochlor 1254	20	89.72	0.0872	ND	0.49
Arochlor 1260	20	89.72	0.0785	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4372.06
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/26/99
	Bldg. 173	**Extraction Date:**	3/30/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	4/28/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	45

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	83.46	0.0072	ND	NLE
beta-BHC	20	83.46	0.0072	ND	NLE
gamma-BHC	20	83.46	0.0096	ND	0.52
delta-BHC	20	83.46	0.0096	ND	NLE
Heptachlor	20	83.46	0.0072	ND	0.15
Aldrin	20	83.46	0.0096	ND	0.04
Heptachlor Epoxide	20	83.46	0.0144	ND	NLE
Endosulfan I	20	83.46	0.0120	ND	NLE
4,4'-DDE	20	83.46	0.0096	0.082	2
Dieldrin	20	83.46	0.0120	ND	0.042
Endrin	20	83.46	0.0120	ND	17
Endosulfan II	20	83.46	0.0096	ND	NLE
4,4'-DDD	20	83.46	0.0144	0.358	3
Endrin Aldehyde	20	83.46	0.0120	ND	NLE
4,4'-DDT	20	83.46	0.0264	0.042	2
Endosulfan-Sulfate	20	83.46	0.0096	ND	NLE
gamma -Chlordane	20	83.46	0.0120	0.016	NLE
alpha-Chlordane	20	83.46	0.0120	0.013	NLE
Toxaphene	20	83.46	0.0072	ND	0.1
Arochlor 1016	20	83.46	0.2684	ND	0.49
Arochlor 1221	20	83.46	0.4936	ND	0.49
Arochlor 1232	20	83.46	0.3355	ND	0.49
Arochlor 1242	20	83.46	0.3834	ND	0.49
Arochlor 1248	20	83.46	0.1534	ND	0.49
Arochlor 1254	20	83.46	0.0959	ND	0.49
Arochlor 1260	20	83.46	0.0863	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002648

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4372.08
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/26/99
	Bldg. 173	**Extraction Date:**	3/30/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	4/28/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
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	87.79	0.0067	ND	NLE
beta-BHC	20	87.79	0.0067	ND	NLE
gamma-BHC	20	87.79	0.0090	ND	0.52
delta-BHC	20	87.79	0.0090	ND	NLE
Heptachlor	20	87.79	0.0067	ND	0.15
Aldrin	20	87.79	0.0090	ND	0.04
Heptachlor Epoxide	20	87.79	0.0135	ND	NLE
Endosulfan I	20	87.79	0.0112	ND	NLE
4,4'-DDE	20	87.79	0.0090	0.024	2
Dieldrin	20	87.79	0.0112	ND	0.042
Endrin	20	87.79	0.0112	ND	17
Endosulfan II	20	87.79	0.0090	ND	NLE
4,4'-DDD	20	87.79	0.0135	0.108	3
Endrin Aldehyde	20	87.79	0.0112	ND	NLE
4,4'-DDT	20	87.79	0.0247	ND	2
Endosulfan-Sulfate	20	87.79	0.0090	ND	NLE
gamma -Chlordane	20	87.79	0.0112	0.012	NLE
alpha-Chlordane	20	87.79	0.0112	ND	NLE
Toxaphene	20	87.79	0.0067	ND	0.1
Arochlor 1016	20	87.79	0.2519	ND	0.49
Arochlor 1221	20	87.79	0.4633	ND	0.49
Arochlor 1232	20	87.79	0.3148	ND	0.49
Arochlor 1242	20	87.79	0.3598	ND	0.49
Arochlor 1248	20	87.79	0.1439	ND	0.49
Arochlor 1254	20	87.79	0.0900	ND	0.49
Arochlor 1260	20	87.79	0.0810	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4372.10
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/26/99
	Bldg. 173	**Extraction Date:**	3/30/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	4/28/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
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	79.55	0.0068	ND	NLE
beta-BHC	20	79.55	0.0068	ND	NLE
gamma-BHC	20	79.55	0.0091	ND	0.52
delta-BHC	20	79.55	0.0091	ND	NLE
Heptachlor	20	79.55	0.0068	ND	0.15
Aldrin	20	79.55	0.0091	ND	0.04
Heptachlor Epoxide	20	79.55	0.0137	ND	NLE
Endosulfan I	20	79.55	0.0114	ND	NLE
4,4'-DDE	20	79.55	0.0091	0.158	2
Dieldrin	20	79.55	0.0114	0.011	0.042
Endrin	20	79.55	0.0114	ND	17
Endosulfan II	20	79.55	0.0091	ND	NLE
4,4'-DDD	20	79.55	0.0137	0.309	3
Endrin Aldehyde	20	79.55	0.0114	ND	NLE
4,4'-DDT	20	79.55	0.0251	0.043	2
Endosulfan-Sulfate	20	79.55	0.0091	ND	NLE
gamma -Chlordane	20	79.55	0.0114	0.022	NLE
alpha-Chlordane	20	79.55	0.0114	0.014	NLE
Toxaphene	20	79.55	0.0068	ND	0.1
Arochlor 1016	20	79.55	0.2555	ND	0.49
Arochlor 1221	20	79.55	0.4700	ND	0.49
Arochlor 1232	20	79.55	0.3194	ND	0.49
Arochlor 1242	20	79.55	0.3650	ND	0.49
Arochlor 1248	20	79.55	0.1460	ND	0.49
Arochlor 1254	20	79.55	0.0913	ND	0.49
Arochlor 1260	20	79.55	0.0821	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002650

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4372.12
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/26/99
	Bldg. 173	**Extraction Date:**	3/30/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	4/28/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
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	85.03	0.0070	ND	NLE
beta-BHC	20	85.03	0.0070	ND	NLE
gamma-BHC	20	85.03	0.0093	ND	0.52
delta-BHC	20	85.03	0.0093	ND	NLE
Heptachlor	20	85.03	0.0070	ND	0.15
Aldrin	20	85.03	0.0093	ND	0.04
Heptachlor Epoxide	20	85.03	0.0139	ND	NLE
Endosulfan I	20	85.03	0.0116	ND	NLE
4,4'-DDE	20	85.03	0.0093	0.120	2
Dieldrin	20	85.03	0.0116	ND	0.042
Endrin	20	85.03	0.0116	ND	17
Endosulfan II	20	85.03	0.0093	ND	NLE
4,4'-DDD	20	85.03	0.0139	0.458	3
Endrin Aldehyde	20	85.03	0.0116	ND	NLE
4,4'-DDT	20	85.03	0.0256	ND	2
Endosulfan-Sulfate	20	85.03	0.0093	ND	NLE
gamma -Chlordane	20	85.03	0.0116	0.021	NLE
alpha-Chlordane	20	85.03	0.0116	0.012	NLE
Toxaphene	20	85.03	0.0070	ND	0.1
Arochlor 1016	20	85.03	0.2603	ND	0.49
Arochlor 1221	20	85.03	0.4788	ND	0.49
Arochlor 1232	20	85.03	0.3254	ND	0.49
Arochlor 1242	20	85.03	0.3719	ND	0.49
Arochlor 1248	20	85.03	0.1488	ND	0.49
Arochlor 1254	20	85.03	0.0930	ND	0.49
Arochlor 1260	20	85.03	0.0837	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002651

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4376.02
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/29/99
	Bldg. 173	**Extraction Date:**	3/30/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	4/29/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	49

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	62.00	0.0076	ND	NLE
beta-BHC	20	62.00	0.0076	ND	NLE
gamma-BHC	20	62.00	0.0101	ND	0.52
delta-BHC	20	62.00	0.0101	ND	NLE
Heptachlor	20	62.00	0.0076	ND	0.15
Aldrin	20	62.00	0.0101	ND	0.04
Heptachlor Epoxide	20	62.00	0.0151	ND	NLE
Endosulfan I	20	62.00	0.0126	ND	NLE
4,4'-DDE	20	62.00	0.0101	0.081	2
Dieldrin	20	62.00	0.0126	ND	0.042
Endrin	20	62.00	0.0126	ND	17
Endosulfan II	20	62.00	0.0101	ND	NLE
4,4'-DDD	20	62.00	0.0151	0.203	3
Endrin Aldehyde	20	62.00	0.0126	ND	NLE
4,4'-DDT	20	62.00	0.0278	ND	2
Endosulfan-Sulfate	20	62.00	0.0101	ND	NLE
gamma -Chlordane	20	62.00	0.0126	0.016	NLE
alpha-Chlordane	20	62.00	0.0126	ND	NLE
Toxaphene	20	62.00	0.0076	ND	0.1
Arochlor 1016	20	62.00	0.2827	ND	0.49
Arochlor 1221	20	62.00	0.4922	ND	0.49
Arochlor 1232	20	62.00	0.3534	ND	0.49
Arochlor 1242	20	62.00	0.4039	ND	0.49
Arochlor 1248	20	62.00	0.1615	ND	0.49
Arochlor 1254	20	62.00	0.1010	ND	0.49
Arochlor 1260	20	62.00	0.0909	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 # :**	4376.04
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/29/99
	Bldg. 173	**Extraction Date:**	3/30/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	4/29/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
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	79.37	0.0068	ND	NLE
beta-BHC	20	79.37	0.0068	ND	NLE
gamma-BHC	20	79.37	0.0091	ND	0.52
delta-BHC	20	79.37	0.0091	ND	NLE
Heptachlor	20	79.37	0.0068	ND	0.15
Aldrin	20	79.37	0.0091	ND	0.04
Heptachlor Epoxide	20	79.37	0.0136	ND	NLE
Endosulfan I	20	79.37	0.0114	ND	NLE
4,4'-DDE	20	79.37	0.0091	0.043	2
Dieldrin	20	79.37	0.0114	0.022	0.042
Endrin	20	79.37	0.0114	ND	17
Endosulfan II	20	79.37	0.0091	ND	NLE
4,4'-DDD	20	79.37	0.0136	0.071	3
Endrin Aldehyde	20	79.37	0.0114	ND	NLE
4,4'-DDT	20	79.37	0.0250	0.031	2
Endosulfan-Sulfate	20	79.37	0.0091	ND	NLE
gamma -Chlordane	20	79.37	0.0114	0.020	NLE
alpha-Chlordane	20	79.37	0.0114	0.018	NLE
Toxaphene	20	79.37	0.0068	ND	0.1
Arochlor 1016	20	79.37	0.2543	ND	0.49
Arochlor 1221	20	79.37	0.4676	ND	0.49
Arochlor 1232	20	79.37	0.3178	ND	0.49
Arochlor 1242	20	79.37	0.3632	ND	0.49
Arochlor 1248	20	79.37	0.1453	ND	0.49
Arochlor 1254	20	79.37	0.0908	ND	0.49
Arochlor 1260	20	79.37	0.0817	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002653

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4376.06
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/29/99
	Bldg. 173	**Extraction Date:**	3/30/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	4/29/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
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	84.83	0.0069	ND	NLE
beta-BHC	20	84.83	0.0069	ND	NLE
gamma-BHC	20	84.83	0.0092	ND	0.52
delta-BHC	20	84.83	0.0092	ND	NLE
Heptachlor	20	84.83	0.0069	ND	0.15
Aldrin	20	84.83	0.0092	ND	0.04
Heptachlor Epoxide	20	84.83	0.0138	ND	NLE
Endosulfan I	20	84.83	0.0115	ND	NLE
4,4'-DDE	20	84.83	0.0092	0.045	2
Dieldrin	20	84.83	0.0115	ND	0.042
Endrin	20	84.83	0.0115	ND	17
Endosulfan II	20	84.83	0.0092	ND	NLE
4,4'-DDD	20	84.83	0.0138	0.067	3
Endrin Aldehyde	20	84.83	0.0115	ND	NLE
4,4'-DDT	20	84.83	0.0252	0.280	2
Endosulfan-Sulfate	20	84.83	0.0092	ND	NLE
gamma -Chlordane	20	84.83	0.0115	ND	NLE
alpha-Chlordane	20	84.83	0.0115	ND	NLE
Toxaphene	20	84.83	0.0069	ND	0.1
Arochlor 1016	20	84.83	0.2569	ND	0.49
Arochlor 1221	20	84.83	0.4724	ND	0.49
Arochlor 1232	20	84.83	0.3211	ND	0.49
Arochlor 1242	20	84.83	0.3670	ND	0.49
Arochlor 1248	20	84.83	0.1468	ND	0.49
Arochlor 1254	20	84.83	0.0917	ND	0.49
Arochlor 1260	20	84.83	0.0826	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002654

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4376.08
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/29/99
	Bldg. 173	**Extraction Date:**	3/30/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	4/29/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
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	82.84	0.0066	ND	NLE
beta-BHC	20	82.84	0.0066	ND	NLE
gamma-BHC	20	82.84	0.0088	ND	0.52
delta-BHC	20	82.84	0.0088	ND	NLE
Heptachlor	20	82.84	0.0066	ND	0.15
Aldrin	20	82.84	0.0088	ND	0.04
Heptachlor Epoxide	20	82.84	0.0133	ND	NLE
Endosulfan I	20	82.84	0.0110	ND	NLE
4,4'-DDE	20	82.84	0.0088	ND	2
Dieldrin	20	82.84	0.0110	ND	0.042
Endrin	20	82.84	0.0110	ND	17
Endosulfan II	20	82.84	0.0088	ND	NLE
4,4'-DDD	20	82.84	0.0133	0.039	3
Endrin Aldehyde	20	82.84	0.0110	ND	NLE
4,4'-DDT	20	82.84	0.0243	ND	2
Endosulfan-Sulfate	20	82.84	0.0088	ND	NLE
gamma -Chlordane	20	82.84	0.0110	ND	NLE
alpha-Chlordane	20	82.84	0.0110	ND	NLE
Toxaphene	20	82.84	0.0066	ND	0.1
Arochlor 1016	20	82.84	0.2474	ND	0.49
Arochlor 1221	20	82.84	0.4550	ND	0.49
Arochlor 1232	20	82.84	0.3092	ND	0.49
Arochlor 1242	20	82.84	0.3534	ND	0.49
Arochlor 1248	20	82.84	0.1414	ND	0.49
Arochlor 1254	20	82.84	0.0884	ND	0.49
Arochlor 1260	20	82.84	0.0795	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4376.10
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/29/99
	Bldg. 173	**Extraction Date:**	3/30/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	4/29/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
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	83.74	0.0068	ND	NLE
beta-BHC	20	83.74	0.0068	ND	NLE
gamma-BHC	20	83.74	0.0091	ND	0.52
delta-BHC	20	83.74	0.0091	ND	NLE
Heptachlor	20	83.74	0.0068	ND	0.15
Aldrin	20	83.74	0.0091	ND	0.04
Heptachlor Epoxide	20	83.74	0.0137	ND	NLE
Endosulfan I	20	83.74	0.0114	ND	NLE
4,4'-DDE	20	83.74	0.0091	0.073	2
Dieldrin	20	83.74	0.0114	ND	0.042
Endrin	20	83.74	0.0114	ND	17
Endosulfan II	20	83.74	0.0091	ND	NLE
4,4'-DDD	20	83.74	0.0137	0.407	3
Endrin Aldehyde	20	83.74	0.0114	ND	NLE
4,4'-DDT	20	83.74	0.0251	0.047	2
Endosulfan-Sulfate	20	83.74	0.0091	ND	NLE
gamma -Chlordane	20	83.74	0.0114	0.023	NLE
alpha-Chlordane	20	83.74	0.0114	0.016	NLE
Toxaphene	20	83.74	0.0068	ND	0.1
Arochlor 1016	20	83.74	0.2557	ND	0.49
Arochlor 1221	20	83.74	0.4704	ND	0.49
Arochlor 1232	20	83.74	0.3197	ND	0.49
Arochlor 1242	20	83.74	0.3653	ND	0.49
Arochlor 1248	20	83.74	0.1461	ND	0.49
Arochlor 1254	20	83.74	0.0913	ND	0.49
Arochlor 1260	20	83.74	0.0822	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4376.12
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/29/99
	Bldg. 173	**Extraction Date:**	3/30/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	4/29/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	54

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	89.03	0.0066	ND	NLE
beta-BHC	20	89.03	0.0066	ND	NLE
gamma-BHC	20	89.03	0.0088	ND	0.52
delta-BHC	20	89.03	0.0088	ND	NLE
Heptachlor	20	89.03	0.0066	ND	0.15
Aldrin	20	89.03	0.0088	ND	0.04
Heptachlor Epoxide	20	89.03	0.0133	ND	NLE
Endosulfan I	20	89.03	0.0110	ND	NLE
4,4'-DDE	20	89.03	0.0088	0.015	2
Dieldrin	20	89.03	0.0110	ND	0.042
Endrin	20	89.03	0.0110	ND	17
Endosulfan II	20	89.03	0.0088	ND	NLE
4,4'-DDD	20	89.03	0.0133	ND	3
Endrin Aldehyde	20	89.03	0.0110	ND	NLE
4,4'-DDT	20	89.03	0.0243	0.055	2
Endosulfan-Sulfate	20	89.03	0.0088	ND	NLE
gamma -Chlordane	20	89.03	0.0110	0.013	NLE
alpha-Chlordane	20	89.03	0.0110	ND	NLE
Toxaphene	20	89.03	0.0066	ND	0.1
Arochlor 1016	20	89.03	0.2474	ND	0.49
Arochlor 1221	20	89.03	0.4550	ND	0.49
Arochlor 1232	20	89.03	0.3092	ND	0.49
Arochlor 1242	20	89.03	0.3534	ND	0.49
Arochlor 1248	20	89.03	0.1414	ND	0.49
Arochlor 1254	20	89.03	0.0884	ND	0.49
Arochlor 1260	20	89.03	0.0795	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002657

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4376.14
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/29/99
	Bldg. 173	**Extraction Date:**	4/1/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	4/30/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
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	81.37	0.0067	ND	NLE
beta-BHC	20	81.37	0.0067	ND	NLE
gamma-BHC	20	81.37	0.0090	ND	0.52
delta-BHC	20	81.37	0.0090	ND	NLE
Heptachlor	20	81.37	0.0067	ND	0.15
Aldrin	20	81.37	0.0090	ND	0.04
Heptachlor Epoxide	20	81.37	0.0135	ND	NLE
Endosulfan I	20	81.37	0.0112	ND	NLE
4,4'-DDE	20	81.37	0.0090	0.022	2
Dieldrin	20	81.37	0.0112	ND	0.042
Endrin	20	81.37	0.0112	ND	17
Endosulfan II	20	81.37	0.0090	ND	NLE
4,4'-DDD	20	81.37	0.0135	0.043	3
Endrin Aldehyde	20	81.37	0.0112	ND	NLE
4,4'-DDT	20	81.37	0.0247	ND	2
Endosulfan-Sulfate	20	81.37	0.0090	ND	NLE
gamma -Chlordane	20	81.37	0.0112	ND	NLE
alpha-Chlordane	20	81.37	0.0112	ND	NLE
Toxaphene	20	81.37	0.0067	ND	0.1
Arochlor 1016	20	81.37	0.2519	ND	0.49
Arochlor 1221	20	81.37	0.4632	ND	0.49
Arochlor 1232	20	81.37	0.3148	ND	0.49
Arochlor 1242	20	81.37	0.3598	ND	0.49
Arochlor 1248	20	81.37	0.1439	ND	0.49
Arochlor 1254	20	81.37	0.0900	ND	0.49
Arochlor 1260	20	81.37	0.0810	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4376.16
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/29/99
	Bldg. 173	**Extraction Date:**	3/30/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	4/29/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
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	84.70	0.0069	ND	NLE
beta-BHC	20	84.70	0.0069	ND	NLE
gamma-BHC	20	84.70	0.0092	ND	0.52
delta-BHC	20	84.70	0.0092	ND	NLE
Heptachlor	20	84.70	0.0069	ND	0.15
Aldrin	20	84.70	0.0092	ND	0.04
Heptachlor Epoxide	20	84.70	0.0138	ND	NLE
Endosulfan I	20	84.70	0.0115	ND	NLE
4,4'-DDE	20	84.70	0.0092	0.130	2
Dieldrin	20	84.70	0.0115	ND	0.042
Endrin	20	84.70	0.0115	ND	17
Endosulfan II	20	84.70	0.0092	ND	NLE
4,4'-DDD	20	84.70	0.0138	0.101	3
Endrin Aldehyde	20	84.70	0.0115	ND	NLE
4,4'-DDT	20	84.70	0.0254	0.247	2
Endosulfan-Sulfate	20	84.70	0.0092	ND	NLE
gamma -Chlordane	20	84.70	0.0115	0.012	NLE
alpha-Chlordane	20	84.70	0.0115	ND	NLE
Toxaphene	20	84.70	0.0069	ND	0.1
Arochlor 1016	20	84.70	0.2583	ND	0.49
Arochlor 1221	20	84.70	0.4750	ND	0.49
Arochlor 1232	20	84.70	0.3228	ND	0.49
Arochlor 1242	20	84.70	0.3689	ND	0.49
Arochlor 1248	20	84.70	0.1476	ND	0.49
Arochlor 1254	20	84.70	0.0922	ND	0.49
Arochlor 1260	20	84.70	0.0830	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002659

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4376.18
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/29/99
	Bldg. 173	**Extraction Date:**	3/30/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	4/30/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
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	78.36	0.0068	ND	NLE
beta-BHC	20	78.36	0.0068	ND	NLE
gamma-BHC	20	78.36	0.0091	ND	0.52
delta-BHC	20	78.36	0.0091	ND	NLE
Heptachlor	20	78.36	0.0068	ND	0.15
Aldrin	20	78.36	0.0091	ND	0.04
Heptachlor Epoxide	20	78.36	0.0137	ND	NLE
Endosulfan I	20	78.36	0.0114	ND	NLE
4,4'-DDE	20	78.36	0.0091	0.093	2
Dieldrin	20	78.36	0.0114	ND	0.042
Endrin	20	78.36	0.0114	ND	17
Endosulfan II	20	78.36	0.0091	ND	NLE
4,4'-DDD	20	78.36	0.0137	0.414	3
Endrin Aldehyde	20	78.36	0.0114	ND	NLE
4,4'-DDT	20	78.36	0.0251	0.057	2
Endosulfan-Sulfate	20	78.36	0.0091	ND	NLE
gamma -Chlordane	20	78.36	0.0114	0.028	NLE
alpha-Chlordane	20	78.36	0.0114	0.018	NLE
Toxaphene	20	78.36	0.0068	ND	0.1
Arochlor 1016	20	78.36	0.2557	ND	0.49
Arochlor 1221	20	78.36	0.4703	ND	0.49
Arochlor 1232	20	78.36	0.3196	ND	0.49
Arochlor 1242	20	78.36	0.3653	ND	0.49
Arochlor 1248	20	78.36	0.1461	ND	0.49
Arochlor 1254	20	78.36	0.0913	ND	0.49
Arochlor 1260	20	78.36	0.0822	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4376.20
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/29/99
	Bldg. 173	**Extraction Date:**	3/30/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	4/30/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
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	47.32	0.0123	ND	NLE
beta-BHC	20	47.32	0.0123	ND	NLE
gamma-BHC	20	47.32	0.0164	ND	0.52
delta-BHC	20	47.32	0.0164	ND	NLE
Heptachlor	20	47.32	0.0123	ND	0.15
Aldrin	20	47.32	0.0164	ND	0.04
Heptachlor Epoxide	20	47.32	0.0246	ND	NLE
Endosulfan I	20	47.32	0.0205	ND	NLE
4,4'-DDE	20	47.32	0.0164	ND	2
Dieldrin	20	47.32	0.0205	ND	0.042
Endrin	20	47.32	0.0205	ND	17
Endosulfan II	20	47.32	0.0164	ND	NLE
4,4'-DDD	20	47.32	0.0246	0.087	3
Endrin Aldehyde	20	47.32	0.0205	ND	NLE
4,4'-DDT	20	47.32	0.0451	ND	2
Endosulfan-Sulfate	20	47.32	0.0164	ND	NLE
gamma -Chlordane	20	47.32	0.0205	ND	NLE
alpha-Chlordane	20	47.32	0.0205	ND	NLE
Toxaphene	20	47.32	0.0123	ND	0.1
Arochlor 1016	20	47.32	0.4591	ND	0.49
Arochlor 1221	20	47.32	0.8445	ND	0.49
Arochlor 1232	20	47.32	0.5739	ND	0.49
Arochlor 1242	20	47.32	0.6559	ND	0.49
Arochlor 1248	20	47.32	0.2624	ND	0.49
Arochlor 1254	20	47.32	0.1640	ND	0.49
Arochlor 1260	20	47.32	0.1476	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002661

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4376.22
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/29/99
	Bldg. 173	**Extraction Date:**	3/30/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	4/30/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
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	76.52	0.0070	ND	NLE
beta-BHC	20	76.52	0.0070	ND	NLE
gamma-BHC	20	76.52	0.0094	ND	0.52
delta-BHC	20	76.52	0.0094	ND	NLE
Heptachlor	20	76.52	0.0070	ND	0.15
Aldrin	20	76.52	0.0094	ND	0.04
Heptachlor Epoxide	20	76.52	0.0140	ND	NLE
Endosulfan I	20	76.52	0.0117	ND	NLE
4,4'-DDE	20	76.52	0.0094	0.077	2
Dieldrin	20	76.52	0.0117	ND	0.042
Endrin	20	76.52	0.0117	ND	17
Endosulfan II	20	76.52	0.0094	ND	NLE
4,4'-DDD	20	76.52	0.0140	0.144	3
Endrin Aldehyde	20	76.52	0.0117	ND	NLE
4,4'-DDT	20	76.52	0.0257	0.078	2
Endosulfan-Sulfate	20	76.52	0.0094	ND	NLE
gamma -Chlordane	20	76.52	0.0117	ND	NLE
alpha-Chlordane	20	76.52	0.0117	ND	NLE
Toxaphene	20	76.52	0.0070	ND	0.1
Arochlor 1016	20	76.52	0.2621	ND	0.49
Arochlor 1221	20	76.52	0.4820	ND	0.49
Arochlor 1232	20	76.52	0.3276	ND	0.49
Arochlor 1242	20	76.52	0.3744	ND	0.49
Arochlor 1248	20	76.52	0.1498	ND	0.49
Arochlor 1254	20	76.52	0.0936	ND	0.49
Arochlor 1260	20	76.52	0.0842	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002662

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4376.24
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/29/99
	Bldg. 173	**Extraction Date:**	3/30/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	4/30/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
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	78.14	0.0068	ND	NLE
beta-BHC	20	78.14	0.0068	ND	NLE
gamma-BHC	20	78.14	0.0090	ND	0.52
delta-BHC	20	78.14	0.0090	ND	NLE
Heptachlor	20	78.14	0.0068	ND	0.15
Aldrin	20	78.14	0.0090	ND	0.04
Heptachlor Epoxide	20	78.14	0.0135	ND	NLE
Endosulfan I	20	78.14	0.0113	ND	NLE
4,4'-DDE	20	78.14	0.0090	0.072	2
Dieldrin	20	78.14	0.0113	0.022	0.042
Endrin	20	78.14	0.0113	ND	17
Endosulfan II	20	78.14	0.0090	ND	NLE
4,4'-DDD	20	78.14	0.0135	0.111	3
Endrin Aldehyde	20	78.14	0.0113	ND	NLE
4,4'-DDT	20	78.14	0.0248	0.145	2
Endosulfan-Sulfate	20	78.14	0.0090	ND	NLE
gamma -Chlordane	20	78.14	0.0113	0.019	NLE
alpha-Chlordane	20	78.14	0.0113	0.015	NLE
Toxaphene	20	78.14	0.0068	ND	0.1
Arochlor 1016	20	78.14	0.2526	ND	0.49
Arochlor 1221	20	78.14	0.4645	ND	0.49
Arochlor 1232	20	78.14	0.3157	ND	0.49
Arochlor 1242	20	78.14	0.3608	ND	0.49
Arochlor 1248	20	78.14	0.1443	ND	0.49
Arochlor 1254	20	78.14	0.0902	ND	0.49
Arochlor 1260	20	78.14	0.0812	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002663

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4376.26
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/29/99
	Bldg. 173	**Extraction Date:**	3/30/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	4/30/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
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	84.83	0.0070	ND	NLE
beta-BHC	20	84.83	0.0070	ND	NLE
gamma-BHC	20	84.83	0.0094	ND	0.52
delta-BHC	20	84.83	0.0094	ND	NLE
Heptachlor	20	84.83	0.0070	ND	0.15
Aldrin	20	84.83	0.0094	ND	0.04
Heptachlor Epoxide	20	84.83	0.0141	ND	NLE
Endosulfan I	20	84.83	0.0117	ND	NLE
4,4'-DDE	20	84.83	0.0094	0.045	2
Dieldrin	20	84.83	0.0117	ND	0.042
Endrin	20	84.83	0.0117	ND	17
Endosulfan II	20	84.83	0.0094	ND	NLE
4,4'-DDD	20	84.83	0.0141	0.124	3
Endrin Aldehyde	20	84.83	0.0117	ND	NLE
4,4'-DDT	20	84.83	0.0258	0.079	2
Endosulfan-Sulfate	20	84.83	0.0094	ND	NLE
gamma -Chlordane	20	84.83	0.0117	ND	NLE
alpha-Chlordane	20	84.83	0.0117	ND	NLE
Toxaphene	20	84.83	0.0070	ND	0.1
Arochlor 1016	20	84.83	0.2630	ND	0.49
Arochlor 1221	20	84.83	0.4837	ND	0.49
Arochlor 1232	20	84.83	0.3288	ND	0.49
Arochlor 1242	20	84.83	0.3757	ND	0.49
Arochlor 1248	20	84.83	0.1503	ND	0.49
Arochlor 1254	20	84.83	0.0939	ND	0.49
Arochlor 1260	20	84.83	0.0845	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002664

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4376.28
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/29/99
	Bldg. 173	**Extraction Date:**	3/30/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	4/30/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
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	70.54	0.0069	ND	NLE
beta-BHC	20	70.54	0.0069	ND	NLE
gamma-BHC	20	70.54	0.0092	ND	0.52
delta-BHC	20	70.54	0.0092	ND	NLE
Heptachlor	20	70.54	0.0069	ND	0.15
Aldrin	20	70.54	0.0092	ND	0.04
Heptachlor Epoxide	20	70.54	0.0138	ND	NLE
Endosulfan I	20	70.54	0.0115	ND	NLE
4,4'-DDE	20	70.54	0.0092	0.054	2
Dieldrin	20	70.54	0.0115	ND	0.042
Endrin	20	70.54	0.0115	ND	17
Endosulfan II	20	70.54	0.0092	ND	NLE
4,4'-DDD	20	70.54	0.0138	0.272	3
Endrin Aldehyde	20	70.54	0.0115	ND	NLE
4,4'-DDT	20	70.54	0.0254	ND	2
Endosulfan-Sulfate	20	70.54	0.0092	ND	NLE
gamma -Chlordane	20	70.54	0.0115	ND	NLE
alpha-Chlordane	20	70.54	0.0115	ND	NLE
Toxaphene	20	70.54	0.0069	ND	0.1
Arochlor 1016	20	70.54	0.2584	ND	0.49
Arochlor 1221	20	70.54	0.4752	ND	0.49
Arochlor 1232	20	70.54	0.3230	ND	0.49
Arochlor 1242	20	70.54	0.3691	ND	0.49
Arochlor 1248	20	70.54	0.1476	ND	0.49
Arochlor 1254	20	70.54	0.0923	ND	0.49
Arochlor 1260	20	70.54	0.0831	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4376.30
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/29/99
	Bldg. 173	**Extraction Date:**	3/30/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	4/30/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
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	85.64	0.0070	ND	NLE
beta-BHC	20	85.64	0.0070	ND	NLE
gamma-BHC	20	85.64	0.0093	ND	0.52
delta-BHC	20	85.64	0.0093	ND	NLE
Heptachlor	20	85.64	0.0070	ND	0.15
Aldrin	20	85.64	0.0093	ND	0.04
Heptachlor Epoxide	20	85.64	0.0139	ND	NLE
Endosulfan I	20	85.64	0.0116	ND	NLE
4,4'-DDE	20	85.64	0.0093	0.080	2
Dieldrin	20	85.64	0.0116	ND	0.042
Endrin	20	85.64	0.0116	ND	17
Endosulfan II	20	85.64	0.0093	ND	NLE
4,4'-DDD	20	85.64	0.0139	0.043	3
Endrin Aldehyde	20	85.64	0.0116	ND	NLE
4,4'-DDT	20	85.64	0.0256	0.214	2
Endosulfan-Sulfate	20	85.64	0.0093	ND	NLE
gamma -Chlordane	20	85.64	0.0116	ND	NLE
alpha-Chlordane	20	85.64	0.0116	ND	NLE
Toxaphene	20	85.64	0.0070	ND	0.1
Arochlor 1016	20	85.64	0.2603	ND	0.49
Arochlor 1221	20	85.64	0.4787	ND	0.49
Arochlor 1232	20	85.64	0.3253	ND	0.49
Arochlor 1242	20	85.64	0.3718	ND	0.49
Arochlor 1248	20	85.64	0.1487	ND	0.49
Arochlor 1254	20	85.64	0.0929	ND	0.49
Arochlor 1260	20	85.64	0.0837	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002666

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4376.32
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/29/99
	Bldg. 173	**Extraction Date:**	3/30/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	4/30/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
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	77.04	0.0076	ND	NLE
beta-BHC	20	77.04	0.0076	ND	NLE
gamma-BHC	20	77.04	0.0101	ND	0.52
delta-BHC	20	77.04	0.0101	ND	NLE
Heptachlor	20	77.04	0.0076	ND	0.15
Aldrin	20	77.04	0.0101	ND	0.04
Heptachlor Epoxide	20	77.04	0.0152	ND	NLE
Endosulfan I	20	77.04	0.0127	ND	NLE
4,4'-DDE	20	77.04	0.0101	0.073	2
Dieldrin	20	77.04	0.0127	ND	0.042
Endrin	20	77.04	0.0127	ND	17
Endosulfan II	20	77.04	0.0101	ND	NLE
4,4'-DDD	20	77.04	0.0152	0.100	3
Endrin Aldehyde	20	77.04	0.0127	ND	NLE
4,4'-DDT	20	77.04	0.0279	ND	2
Endosulfan-Sulfate	20	77.04	0.0101	ND	NLE
gamma -Chlordane	20	77.04	0.0127	ND	NLE
alpha-Chlordane	20	77.04	0.0127	ND	NLE
Toxaphene	20	77.04	0.0076	ND	0.1
Arochlor 1016	1	77.04	0.0142	4.763	0.49
Arochlor 1221	1	77.04	0.0261	ND	0.49
Arochlor 1232	1	77.04	0.0177	ND	0.49
Arochlor 1242	1	77.04	0.0203	ND	0.49
Arochlor 1248	1	77.04	0.0081	ND	0.49
Arochlor 1254	1	77.04	0.0051	ND	0.49
Arochlor 1260	1	77.04	0.0046	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002667

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4376.34
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/29/99
	Bldg. 173	**Extraction Date:**	3/30/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	4/30/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
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	47.59	0.0124	ND	NLE
beta-BHC	20	47.59	0.0124	ND	NLE
gamma-BHC	20	47.59	0.0165	ND	0.52
delta-BHC	20	47.59	0.0165	ND	NLE
Heptachlor	20	47.59	0.0124	ND	0.15
Aldrin	20	47.59	0.0165	ND	0.04
Heptachlor Epoxide	20	47.59	0.0248	ND	NLE
Endosulfan I	20	47.59	0.0206	ND	NLE
4,4'-DDE	20	47.59	0.0165	ND	2
Dieldrin	20	47.59	0.0206	ND	0.042
Endrin	20	47.59	0.0206	ND	17
Endosulfan II	20	47.59	0.0165	ND	NLE
4,4'-DDD	20	47.59	0.0248	0.144	3
Endrin Aldehyde	20	47.59	0.0206	ND	NLE
4,4'-DDT	20	47.59	0.0454	0.658	2
Endosulfan-Sulfate	20	47.59	0.0165	ND	NLE
gamma -Chlordane	20	47.59	0.0206	ND	NLE
alpha-Chlordane	20	47.59	0.0206	ND	NLE
Toxaphene	20	47.59	0.0124	ND	0.1
Arochlor 1016	20	47.59	0.4624	ND	0.49
Arochlor 1221	20	47.59	0.8504	ND	0.49
Arochlor 1232	20	47.59	0.5780	ND	0.49
Arochlor 1242	20	47.59	0.6605	ND	0.49
Arochlor 1248	20	47.59	0.2642	ND	0.49
Arochlor 1254	20	47.59	0.1651	ND	0.49
Arochlor 1260	20	47.59	0.1486	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4376.36
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/29/99
	Bldg. 173	**Extraction Date:**	3/30/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	4/30/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
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	84.50	0.0069	ND	NLE
beta-BHC	20	84.50	0.0069	ND	NLE
gamma-BHC	20	84.50	0.0092	ND	0.52
delta-BHC	20	84.50	0.0092	ND	NLE
Heptachlor	20	84.50	0.0069	ND	0.15
Aldrin	20	84.50	0.0092	ND	0.04
Heptachlor Epoxide	20	84.50	0.0138	ND	NLE
Endosulfan I	20	84.50	0.0115	ND	NLE
4,4'-DDE	20	84.50	0.0092	0.052	2
Dieldrin	20	84.50	0.0115	ND	0.042
Endrin	20	84.50	0.0115	ND	17
Endosulfan II	20	84.50	0.0092	ND	NLE
4,4'-DDD	20	84.50	0.0138	0.173	3
Endrin Aldehyde	20	84.50	0.0115	ND	NLE
4,4'-DDT	20	84.50	0.0253	ND	2
Endosulfan-Sulfate	20	84.50	0.0092	ND	NLE
gamma -Chlordane	20	84.50	0.0115	0.014	NLE
alpha-Chlordane	20	84.50	0.0115	ND	NLE
Toxaphene	20	84.50	0.0069	ND	0.1
Arochlor 1016	20	84.50	0.2571	ND	0.49
Arochlor 1221	20	84.50	0.4729	ND	0.49
Arochlor 1232	20	84.50	0.3214	ND	0.49
Arochlor 1242	20	84.50	0.3673	ND	0.49
Arochlor 1248	20	84.50	0.1469	ND	0.49
Arochlor 1254	20	84.50	0.0918	ND	0.49
Arochlor 1260	20	84.50	0.0826	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002669

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4382.02
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/30/99
	Bldg. 173	**Extraction Date:**	4/1/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/3/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	67

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	82.51	0.0068	ND	NLE
beta-BHC	20	82.51	0.0068	ND	NLE
gamma-BHC	20	82.51	0.0091	ND	0.52
delta-BHC	20	82.51	0.0091	ND	NLE
Heptachlor	20	82.51	0.0068	ND	0.15
Aldrin	20	82.51	0.0091	ND	0.04
Heptachlor Epoxide	20	82.51	0.0137	ND	NLE
Endosulfan I	20	82.51	0.0114	ND	NLE
4,4'-DDE	20	82.51	0.0091	0.153	2
Dieldrin	20	82.51	0.0114	0.033	0.042
Endrin	20	82.51	0.0114	ND	17
Endosulfan II	20	82.51	0.0091	ND	NLE
4,4'-DDD	20	82.51	0.0137	0.737	3
Endrin Aldehyde	20	82.51	0.0114	ND	NLE
4,4'-DDT	20	82.51	0.0251	0.093	2
Endosulfan-Sulfate	20	82.51	0.0091	ND	NLE
gamma -Chlordane	20	82.51	0.0114	0.080	NLE
alpha-Chlordane	20	82.51	0.0114	0.062	NLE
Toxaphene	20	82.51	0.0068	ND	0.1
Arochlor 1016	20	82.51	0.2552	ND	0.49
Arochlor 1221	20	82.51	0.4693	ND	0.49
Arochlor 1232	20	82.51	0.3189	ND	0.49
Arochlor 1242	20	82.51	0.3645	ND	0.49
Arochlor 1248	20	82.51	0.1458	ND	0.49
Arochlor 1254	20	82.51	0.0911	ND	0.49
Arochlor 1260	20	82.51	0.0820	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002670

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4382.04
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/30/99
	Bldg. 173	**Extraction Date:**	4/1/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/3/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
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	85.62	0.0065	ND	NLE
beta-BHC	20	85.62	0.0065	ND	NLE
gamma-BHC	20	85.62	0.0087	ND	0.52
delta-BHC	20	85.62	0.0087	ND	NLE
Heptachlor	20	85.62	0.0065	ND	0.15
Aldrin	20	85.62	0.0087	ND	0.04
Heptachlor Epoxide	20	85.62	0.0131	ND	NLE
Endosulfan I	20	85.62	0.0109	ND	NLE
4,4'-DDE	20	85.62	0.0087	0.074	2
Dieldrin	20	85.62	0.0109	ND	0.042
Endrin	20	85.62	0.0109	ND	17
Endosulfan II	20	85.62	0.0087	ND	NLE
4,4'-DDD	20	85.62	0.0131	0.030	3
Endrin Aldehyde	20	85.62	0.0109	ND	NLE
4,4'-DDT	20	85.62	0.0239	0.104	2
Endosulfan-Sulfate	20	85.62	0.0087	ND	NLE
gamma -Chlordane	20	85.62	0.0109	0.021	NLE
alpha-Chlordane	20	85.62	0.0109	0.023	NLE
Toxaphene	20	85.62	0.0065	ND	0.1
Arochlor 1016	20	85.62	0.2438	ND	0.49
Arochlor 1221	20	85.62	0.4485	ND	0.49
Arochlor 1232	20	85.62	0.3048	ND	0.49
Arochlor 1242	20	85.62	0.3483	ND	0.49
Arochlor 1248	20	85.62	0.1393	ND	0.49
Arochlor 1254	20	85.62	0.0871	ND	0.49
Arochlor 1260	20	85.62	0.0784	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002671

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4382.06
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/30/99
	Bldg. 173	**Extraction Date:**	4/1/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/3/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
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	85.21	0.0068	ND	NLE
beta-BHC	20	85.21	0.0068	ND	NLE
gamma-BHC	20	85.21	0.0091	ND	0.52
delta-BHC	20	85.21	0.0091	ND	NLE
Heptachlor	20	85.21	0.0068	ND	0.15
Aldrin	20	85.21	0.0091	ND	0.04
Heptachlor Epoxide	20	85.21	0.0137	ND	NLE
Endosulfan I	20	85.21	0.0114	ND	NLE
4,4'-DDE	20	85.21	0.0091	ND	2
Dieldrin	20	85.21	0.0114	ND	0.042
Endrin	20	85.21	0.0114	ND	17
Endosulfan II	20	85.21	0.0091	ND	NLE
4,4'-DDD	20	85.21	0.0137	ND	3
Endrin Aldehyde	20	85.21	0.0114	ND	NLE
4,4'-DDT	20	85.21	0.0251	ND	2
Endosulfan-Sulfate	20	85.21	0.0091	ND	NLE
gamma -Chlordane	20	85.21	0.0114	ND	NLE
alpha-Chlordane	20	85.21	0.0114	ND	NLE
Toxaphene	20	85.21	0.0068	ND	0.1
Arochlor 1016	20	85.21	0.2555	ND	0.49
Arochlor 1221	20	85.21	0.4699	ND	0.49
Arochlor 1232	20	85.21	0.3193	ND	0.49
Arochlor 1242	20	85.21	0.3650	ND	0.49
Arochlor 1248	20	85.21	0.1460	ND	0.49
Arochlor 1254	20	85.21	0.0912	ND	0.49
Arochlor 1260	20	85.21	0.0821	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002672

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4382.08
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/30/99
	Bldg. 173	**Extraction Date:**	4/1/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/3/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
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	86.94	0.0064	ND	NLE
beta-BHC	20	86.94	0.0064	ND	NLE
gamma-BHC	20	86.94	0.0085	ND	0.52
delta-BHC	20	86.94	0.0085	ND	NLE
Heptachlor	20	86.94	0.0064	ND	0.15
Aldrin	20	86.94	0.0085	ND	0.04
Heptachlor Epoxide	20	86.94	0.0128	ND	NLE
Endosulfan I	20	86.94	0.0107	ND	NLE
4,4'-DDE	20	86.94	0.0085	0.040	2
Dieldrin	20	86.94	0.0107	ND	0.042
Endrin	20	86.94	0.0107	ND	17
Endosulfan II	20	86.94	0.0085	ND	NLE
4,4'-DDD	20	86.94	0.0128	0.058	3
Endrin Aldehyde	20	86.94	0.0107	ND	NLE
4,4'-DDT	20	86.94	0.0235	0.029	2
Endosulfan-Sulfate	20	86.94	0.0085	ND	NLE
gamma -Chlordane	20	86.94	0.0107	0.011	NLE
alpha-Chlordane	20	86.94	0.0107	ND	NLE
Toxaphene	20	86.94	0.0064	ND	0.1
Arochlor 1016	20	86.94	0.2388	ND	0.49
Arochlor 1221	20	86.94	0.4392	ND	0.49
Arochlor 1232	20	86.94	0.2985	ND	0.49
Arochlor 1242	20	86.94	0.3411	ND	0.49
Arochlor 1248	20	86.94	0.1364	ND	0.49
Arochlor 1254	20	86.94	0.0853	ND	0.49
Arochlor 1260	20	86.94	0.0768	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4382.10
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/30/99
	Bldg. 173	**Extraction Date:**	4/1/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/3/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
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	93.63	0.0063	ND	NLE
beta-BHC	20	93.63	0.0063	ND	NLE
gamma-BHC	20	93.63	0.0084	ND	0.52
delta-BHC	20	93.63	0.0084	ND	NLE
Heptachlor	20	93.63	0.0063	ND	0.15
Aldrin	20	93.63	0.0084	ND	0.04
Heptachlor Epoxide	20	93.63	0.0126	ND	NLE
Endosulfan I	20	93.63	0.0105	ND	NLE
4,4'-DDE	20	93.63	0.0084	0.010	2
Dieldrin	20	93.63	0.0105	ND	0.042
Endrin	20	93.63	0.0105	ND	17
Endosulfan II	20	93.63	0.0084	ND	NLE
4,4'-DDD	20	93.63	0.0126	ND	3
Endrin Aldehyde	20	93.63	0.0105	ND	NLE
4,4'-DDT	20	93.63	0.0230	0.048	2
Endosulfan-Sulfate	20	93.63	0.0084	ND	NLE
gamma -Chlordane	20	93.63	0.0105	ND	NLE
alpha-Chlordane	20	93.63	0.0105	ND	NLE
Toxaphene	20	93.63	0.0063	ND	0.1
Arochlor 1016	20	93.63	0.2343	ND	0.49
Arochlor 1221	20	93.63	0.4310	ND	0.49
Arochlor 1232	20	93.63	0.2929	ND	0.49
Arochlor 1242	20	93.63	0.3347	ND	0.49
Arochlor 1248	20	93.63	0.1339	ND	0.49
Arochlor 1254	20	93.63	0.0837	ND	0.49
Arochlor 1260	20	93.63	0.0753	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4382.12
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/30/99
	Bldg. 173	**Extraction Date:**	4/1/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/3/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	72

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	83.96	0.0070	ND	NLE
beta-BHC	20	83.96	0.0070	ND	NLE
gamma-BHC	20	83.96	0.0094	ND	0.52
delta-BHC	20	83.96	0.0094	ND	NLE
Heptachlor	20	83.96	0.0070	ND	0.15
Aldrin	20	83.96	0.0094	ND	0.04
Heptachlor Epoxide	20	83.96	0.0140	ND	NLE
Endosulfan I	20	83.96	0.0117	ND	NLE
4,4'-DDE	20	83.96	0.0094	0.045	2
Dieldrin	20	83.96	0.0117	ND	0.042
Endrin	20	83.96	0.0117	ND	17
Endosulfan II	20	83.96	0.0094	ND	NLE
4,4'-DDD	20	83.96	0.0140	0.174	3
Endrin Aldehyde	20	83.96	0.0117	ND	NLE
4,4'-DDT	20	83.96	0.0257	ND	2
Endosulfan-Sulfate	20	83.96	0.0094	ND	NLE
gamma -Chlordane	20	83.96	0.0117	0.022	NLE
alpha-Chlordane	20	83.96	0.0117	0.018	NLE
Toxaphene	20	83.96	0.0070	ND	0.1
Arochlor 1016	20	83.96	0.2621	ND	0.49
Arochlor 1221	20	83.96	0.4820	ND	0.49
Arochlor 1232	20	83.96	0.3276	ND	0.49
Arochlor 1242	20	83.96	0.3744	ND	0.49
Arochlor 1248	20	83.96	0.1498	ND	0.49
Arochlor 1254	20	83.96	0.0936	ND	0.49
Arochlor 1260	20	83.96	0.0842	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002675

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4382.14
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/30/99
	Bldg. 173	**Extraction Date:**	4/1/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/3/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
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	20	83.85	0.0071	ND	NLE
beta-BHC	20	83.85	0.0071	ND	NLE
gamma-BHC	20	83.85	0.0094	ND	0.52
delta-BHC	20	83.85	0.0094	ND	NLE
Heptachlor	20	83.85	0.0071	ND	0.15
Aldrin	20	83.85	0.0094	ND	0.04
Heptachlor Epoxide	20	83.85	0.0142	ND	NLE
Endosulfan I	20	83.85	0.0118	ND	NLE
4,4'-DDE	20	83.85	0.0094	0.023	2
Dieldrin	20	83.85	0.0118	ND	0.042
Endrin	20	83.85	0.0118	ND	17
Endosulfan II	20	83.85	0.0094	ND	NLE
4,4'-DDD	20	83.85	0.0142	0.042	3
Endrin Aldehyde	20	83.85	0.0118	ND	NLE
4,4'-DDT	20	83.85	0.0260	ND	2
Endosulfan-Sulfate	20	83.85	0.0094	ND	NLE
gamma -Chlordane	20	83.85	0.0118	ND	NLE
alpha-Chlordane	20	83.85	0.0118	ND	NLE
Toxaphene	20	83.85	0.0071	ND	0.1
Arochlor 1016	20	83.85	0.2642	ND	0.49
Arochlor 1221	20	83.85	0.4860	ND	0.49
Arochlor 1232	20	83.85	0.3303	ND	0.49
Arochlor 1242	20	83.85	0.3775	ND	0.49
Arochlor 1248	20	83.85	0.1510	ND	0.49
Arochlor 1254	20	83.85	0.0944	ND	0.49
Arochlor 1260	20	83.85	0.0849	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002676

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4382.16
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/30/99
	Bldg. 173	**Extraction Date:**	4/1/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/3/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
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	20	77.35	0.0070	ND	NLE
beta-BHC	20	77.35	0.0070	ND	NLE
gamma-BHC	20	77.35	0.0093	ND	0.52
delta-BHC	20	77.35	0.0093	ND	NLE
Heptachlor	20	77.35	0.0070	ND	0.15
Aldrin	20	77.35	0.0093	ND	0.04
Heptachlor Epoxide	20	77.35	0.0139	ND	NLE
Endosulfan I	20	77.35	0.0116	ND	NLE
4,4'-DDE	20	77.35	0.0093	0.200	2
Dieldrin	20	77.35	0.0116	0.120	0.042
Endrin	20	77.35	0.0116	ND	17
Endosulfan II	20	77.35	0.0093	ND	NLE
4,4'-DDD	20	77.35	0.0139	2.173	3
Endrin Aldehyde	20	77.35	0.0116	ND	NLE
4,4'-DDT	20	77.35	0.0255	0.121	2
Endosulfan-Sulfate	20	77.35	0.0093	ND	NLE
gamma -Chlordane	20	77.35	0.0116	0.209	NLE
alpha-Chlordane	20	77.35	0.0116	0.204	NLE
Toxaphene	20	77.35	0.0070	ND	0.1
Arochlor 1016	20	77.35	0.2595	ND	0.49
Arochlor 1221	20	77.35	0.4773	ND	0.49
Arochlor 1232	20	77.35	0.3244	ND	0.49
Arochlor 1242	20	77.35	0.3707	ND	0.49
Arochlor 1248	20	77.35	0.1483	ND	0.49
Arochlor 1254	20	77.35	0.0927	ND	0.49
Arochlor 1260	20	77.35	0.0834	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002677

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4382.18
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/30/99
	Bldg. 173	**Extraction Date:**	4/1/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/3/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
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	20	88.40	0.0066	ND	NLE
beta-BHC	20	88.40	0.0066	ND	NLE
gamma-BHC	20	88.40	0.0088	ND	0.52
delta-BHC	20	88.40	0.0088	ND	NLE
Heptachlor	20	88.40	0.0066	ND	0.15
Aldrin	20	88.40	0.0088	ND	0.04
Heptachlor Epoxide	20	88.40	0.0131	ND	NLE
Endosulfan I	20	88.40	0.0109	ND	NLE
4,4'-DDE	20	88.40	0.0088	0.020	2
Dieldrin	20	88.40	0.0109	ND	0.042
Endrin	20	88.40	0.0109	ND	17
Endosulfan II	20	88.40	0.0088	ND	NLE
4,4'-DDD	20	88.40	0.0131	0.025	3
Endrin Aldehyde	20	88.40	0.0109	ND	NLE
4,4'-DDT	20	88.40	0.0241	ND	2
Endosulfan-Sulfate	20	88.40	0.0088	ND	NLE
gamma -Chlordane	20	88.40	0.0109	ND	NLE
alpha-Chlordane	20	88.40	0.0109	ND	NLE
Toxaphene	20	88.40	0.0066	ND	0.1
Arochlor 1016	20	88.40	0.2451	ND	0.49
Arochlor 1221	20	88.40	0.4507	ND	0.49
Arochlor 1232	20	88.40	0.3063	ND	0.49
Arochlor 1242	20	88.40	0.3501	ND	0.49
Arochlor 1248	20	88.40	0.1400	ND	0.49
Arochlor 1254	20	88.40	0.0875	ND	0.49
Arochlor 1260	20	88.40	0.0788	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002678

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4382.20
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/30/99
	Bldg. 173	**Extraction Date:**	4/1/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/3/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
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	20	78.89	0.0069	ND	NLE
beta-BHC	20	78.89	0.0069	ND	NLE
gamma-BHC	20	78.89	0.0092	ND	0.52
delta-BHC	20	78.89	0.0092	ND	NLE
Heptachlor	20	78.89	0.0069	ND	0.15
Aldrin	20	78.89	0.0092	ND	0.04
Heptachlor Epoxide	20	78.89	0.0138	ND	NLE
Endosulfan I	20	78.89	0.0115	ND	NLE
4,4'-DDE	20	78.89	0.0092	0.198	2
Dieldrin	20	78.89	0.0115	0.121	0.042
Endrin	20	78.89	0.0115	ND	17
Endosulfan II	20	78.89	0.0092	ND	NLE
4,4'-DDD	20	78.89	0.0138	1.108	3
Endrin Aldehyde	20	78.89	0.0115	ND	NLE
4,4'-DDT	20	78.89	0.0253	0.846	2
Endosulfan-Sulfate	20	78.89	0.0092	ND	NLE
gamma -Chlordane	20	78.89	0.0115	0.065	NLE
alpha-Chlordane	20	78.89	0.0115	0.042	NLE
Toxaphene	20	78.89	0.0069	ND	0.1
Arochlor 1016	20	78.89	0.2572	ND	0.49
Arochlor 1221	20	78.89	0.4730	ND	0.49
Arochlor 1232	20	78.89	0.3215	ND	0.49
Arochlor 1242	20	78.89	0.3674	ND	0.49
Arochlor 1248	20	78.89	0.1470	ND	0.49
Arochlor 1254	20	78.89	0.0919	ND	0.49
Arochlor 1260	20	78.89	0.0827	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002679

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4382.22
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/30/99
	Bldg. 173	**Extraction Date:**	4/1/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/4/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
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	20	88.85	0.0067	ND	NLE
beta-BHC	20	88.85	0.0067	ND	NLE
gamma-BHC	20	88.85	0.0089	ND	0.52
delta-BHC	20	88.85	0.0089	ND	NLE
Heptachlor	20	88.85	0.0067	ND	0.15
Aldrin	20	88.85	0.0089	ND	0.04
Heptachlor Epoxide	20	88.85	0.0133	ND	NLE
Endosulfan I	20	88.85	0.0111	ND	NLE
4,4'-DDE	20	88.85	0.0089	0.208	2
Dieldrin	20	88.85	0.0111	0.128	0.042
Endrin	20	88.85	0.0111	ND	17
Endosulfan II	20	88.85	0.0089	ND	NLE
4,4'-DDD	20	88.85	0.0133	0.973	3
Endrin Aldehyde	20	88.85	0.0111	ND	NLE
4,4'-DDT	20	88.85	0.0244	0.344	2
Endosulfan-Sulfate	20	88.85	0.0089	ND	NLE
gamma -Chlordane	20	88.85	0.0111	0.045	NLE
alpha-Chlordane	20	88.85	0.0111	0.034	NLE
Toxaphene	20	88.85	0.0067	ND	0.1
Arochlor 1016	20	88.85	0.2486	ND	0.49
Arochlor 1221	20	88.85	0.4573	ND	0.49
Arochlor 1232	20	88.85	0.3108	ND	0.49
Arochlor 1242	20	88.85	0.3552	ND	0.49
Arochlor 1248	20	88.85	0.1421	ND	0.49
Arochlor 1254	20	88.85	0.0888	ND	0.49
Arochlor 1260	20	88.85	0.0799	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002680

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4382.24
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/30/99
	Bldg. 173	**Extraction Date:**	4/1/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/4/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
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	20	69.66	0.0085	ND	NLE
beta-BHC	20	69.66	0.0085	ND	NLE
gamma-BHC	20	69.66	0.0113	ND	0.52
delta-BHC	20	69.66	0.0113	ND	NLE
Heptachlor	20	69.66	0.0085	ND	0.15
Aldrin	20	69.66	0.0113	ND	0.04
Heptachlor Epoxide	20	69.66	0.0169	ND	NLE
Endosulfan I	20	69.66	0.0141	ND	NLE
4,4'-DDE	20	69.66	0.0113	0.122	2
Dieldrin	20	69.66	0.0141	ND	0.042
Endrin	20	69.66	0.0141	ND	17
Endosulfan II	20	69.66	0.0113	ND	NLE
4,4'-DDD	20	69.66	0.0169	0.099	3
Endrin Aldehyde	20	69.66	0.0141	ND	NLE
4,4'-DDT	20	69.66	0.0310	0.080	2
Endosulfan-Sulfate	20	69.66	0.0113	ND	NLE
gamma -Chlordane	20	69.66	0.0141	0.043	NLE
alpha-Chlordane	20	69.66	0.0141	0.034	NLE
Toxaphene	20	69.66	0.0085	ND	0.1
Arochlor 1016	1	69.66	0.0158	ND	0.49
Arochlor 1221	1	69.66	0.0290	ND	0.49
Arochlor 1232	1	69.66	0.0197	ND	0.49
Arochlor 1242	50	69.66	1.1270	21.554	0.49
Arochlor 1248	1	69.66	0.0090	ND	0.49
Arochlor 1254	1	69.66	0.0056	ND	0.49
Arochlor 1260	1	69.66	0.0051	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002681

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4382.28
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/30/99
	Bldg. 173	**Extraction Date:**	4/1/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/4/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
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	20	78.23	0.0069	ND	NLE
beta-BHC	20	78.23	0.0069	ND	NLE
gamma-BHC	20	78.23	0.0092	ND	0.52
delta-BHC	20	78.23	0.0092	ND	NLE
Heptachlor	20	78.23	0.0069	ND	0.15
Aldrin	20	78.23	0.0092	ND	0.04
Heptachlor Epoxide	20	78.23	0.0138	ND	NLE
Endosulfan I	20	78.23	0.0115	ND	NLE
4,4'-DDE	20	78.23	0.0092	0.025	2
Dieldrin	20	78.23	0.0115	0.015	0.042
Endrin	20	78.23	0.0115	ND	17
Endosulfan II	20	78.23	0.0092	ND	NLE
4,4'-DDD	20	78.23	0.0138	0.037	3
Endrin Aldehyde	20	78.23	0.0115	ND	NLE
4,4'-DDT	20	78.23	0.0253	0.039	2
Endosulfan-Sulfate	20	78.23	0.0092	ND	NLE
gamma -Chlordane	20	78.23	0.0115	0.020	NLE
alpha-Chlordane	20	78.23	0.0115	0.016	NLE
Toxaphene	20	78.23	0.0069	ND	0.1
Arochlor 1016	20	78.23	0.2573	ND	0.49
Arochlor 1221	20	78.23	0.4732	ND	0.49
Arochlor 1232	20	78.23	0.3216	ND	0.49
Arochlor 1242	20	78.23	0.3675	ND	0.49
Arochlor 1248	20	78.23	0.1470	ND	0.49
Arochlor 1254	20	78.23	0.0919	ND	0.49
Arochlor 1260	20	78.23	0.0827	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002682

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4382.30
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/30/99
	Bldg. 173	**Extraction Date:**	4/2/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/4/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
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	20	92.67	0.0063	ND	NLE
beta-BHC	20	92.67	0.0063	ND	NLE
gamma-BHC	20	92.67	0.0084	ND	0.52
delta-BHC	20	92.67	0.0084	ND	NLE
Heptachlor	20	92.67	0.0063	ND	0.15
Aldrin	20	92.67	0.0084	ND	0.04
Heptachlor Epoxide	20	92.67	0.0125	ND	NLE
Endosulfan I	20	92.67	0.0105	ND	NLE
4,4'-DDE	20	92.67	0.0084	0.075	2
Dieldrin	20	92.67	0.0105	ND	0.042
Endrin	20	92.67	0.0105	ND	17
Endosulfan II	20	92.67	0.0084	ND	NLE
4,4'-DDD	20	92.67	0.0125	0.102	3
Endrin Aldehyde	20	92.67	0.0105	ND	NLE
4,4'-DDT	20	92.67	0.0230	0.045	2
Endosulfan-Sulfate	20	92.67	0.0084	ND	NLE
gamma -Chlordane	20	92.67	0.0105	0.031	NLE
alpha-Chlordane	20	92.67	0.0105	0.019	NLE
Toxaphene	20	92.67	0.0063	ND	0.1
Arochlor 1016	20	92.67	0.2342	ND	0.49
Arochlor 1221	20	92.67	0.4308	ND	0.49
Arochlor 1232	20	92.67	0.2928	ND	0.49
Arochlor 1242	20	92.67	0.3346	ND	0.49
Arochlor 1248	20	92.67	0.1338	ND	0.49
Arochlor 1254	20	92.67	0.0837	ND	0.49
Arochlor 1260	20	92.67	0.0753	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002683

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4382.32
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/30/99
	Bldg. 173	**Extraction Date:**	4/2/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/4/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
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	20	82.08	0.0067	ND	NLE
beta-BHC	20	82.08	0.0067	ND	NLE
gamma-BHC	20	82.08	0.0089	ND	0.52
delta-BHC	20	82.08	0.0089	ND	NLE
Heptachlor	20	82.08	0.0067	ND	0.15
Aldrin	20	82.08	0.0089	ND	0.04
Heptachlor Epoxide	20	82.08	0.0133	ND	NLE
Endosulfan I	20	82.08	0.0111	ND	NLE
4,4'-DDE	20	82.08	0.0089	0.071	2
Dieldrin	20	82.08	0.0111	ND	0.042
Endrin	20	82.08	0.0111	ND	17
Endosulfan II	20	82.08	0.0089	ND	NLE
4,4'-DDD	20	82.08	0.0133	0.306	3
Endrin Aldehyde	20	82.08	0.0111	ND	NLE
4,4'-DDT	20	82.08	0.0245	0.058	2
Endosulfan-Sulfate	20	82.08	0.0089	ND	NLE
gamma -Chlordane	20	82.08	0.0111	0.016	NLE
alpha-Chlordane	20	82.08	0.0111	0.018	NLE
Toxaphene	20	82.08	0.0067	ND	0.1
Arochlor 1016	20	82.08	0.2490	ND	0.49
Arochlor 1221	20	82.08	0.4580	ND	0.49
Arochlor 1232	20	82.08	0.3113	ND	0.49
Arochlor 1242	20	82.08	0.3557	ND	0.49
Arochlor 1248	20	82.08	0.1423	ND	0.49
Arochlor 1254	20	82.08	0.0889	ND	0.49
Arochlor 1260	20	82.08	0.0800	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002684

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4382.34
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/30/99
	Bldg. 173	**Extraction Date:**	4/2/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/4/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
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	20	93.11	0.0059	ND	NLE
beta-BHC	20	93.11	0.0059	ND	NLE
gamma-BHC	20	93.11	0.0078	ND	0.52
delta-BHC	20	93.11	0.0078	ND	NLE
Heptachlor	20	93.11	0.0059	ND	0.15
Aldrin	20	93.11	0.0078	ND	0.04
Heptachlor Epoxide	20	93.11	0.0117	ND	NLE
Endosulfan I	20	93.11	0.0098	ND	NLE
4,4'-DDE	20	93.11	0.0078	0.009	2
Dieldrin	20	93.11	0.0098	ND	0.042
Endrin	20	93.11	0.0098	ND	17
Endosulfan II	20	93.11	0.0078	ND	NLE
4,4'-DDD	20	93.11	0.0117	0.012	3
Endrin Aldehyde	20	93.11	0.0098	ND	NLE
4,4'-DDT	20	93.11	0.0215	0.026	2
Endosulfan-Sulfate	20	93.11	0.0078	ND	NLE
gamma -Chlordane	20	93.11	0.0098	ND	NLE
alpha-Chlordane	20	93.11	0.0098	ND	NLE
Toxaphene	20	93.11	0.0059	ND	0.1
Arochlor 1016	20	93.11	0.2193	ND	0.49
Arochlor 1221	20	93.11	0.4034	ND	0.49
Arochlor 1232	20	93.11	0.2741	ND	0.49
Arochlor 1242	20	93.11	0.3133	ND	0.49
Arochlor 1248	20	93.11	0.1253	ND	0.49
Arochlor 1254	20	93.11	0.0783	ND	0.49
Arochlor 1260	20	93.11	0.0705	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002685

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4382.38
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/30/99
	Bldg. 173	**Extraction Date:**	4/2/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/4/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
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	20	83.06	0.0066	ND	NLE
beta-BHC	20	83.06	0.0066	ND	NLE
gamma-BHC	20	83.06	0.0088	ND	0.52
delta-BHC	20	83.06	0.0088	ND	NLE
Heptachlor	20	83.06	0.0066	ND	0.15
Aldrin	20	83.06	0.0088	ND	0.04
Heptachlor Epoxide	20	83.06	0.0133	ND	NLE
Endosulfan I	20	83.06	0.0111	ND	NLE
4,4'-DDE	20	83.06	0.0088	0.016	2
Dieldrin	20	83.06	0.0111	ND	0.042
Endrin	20	83.06	0.0111	ND	17
Endosulfan II	20	83.06	0.0088	ND	NLE
4,4'-DDD	20	83.06	0.0133	0.021	3
Endrin Aldehyde	20	83.06	0.0111	ND	NLE
4,4'-DDT	20	83.06	0.0243	0.037	2
Endosulfan-Sulfate	20	83.06	0.0088	ND	NLE
gamma -Chlordane	20	83.06	0.0111	ND	NLE
alpha-Chlordane	20	83.06	0.0111	ND	NLE
Toxaphene	20	83.06	0.0066	ND	0.1
Arochlor 1016	20	83.06	0.2476	ND	0.49
Arochlor 1221	20	83.06	0.4555	ND	0.49
Arochlor 1232	20	83.06	0.3096	ND	0.49
Arochlor 1242	20	83.06	0.3538	ND	0.49
Arochlor 1248	20	83.06	0.1415	ND	0.49
Arochlor 1254	20	83.06	0.0884	ND	0.49
Arochlor 1260	20	83.06	0.0796	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002686

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4382.40
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/30/99
	Bldg. 173	**Extraction Date:**	4/2/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/4/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
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	20	86.47	0.0065	ND	NLE
beta-BHC	20	86.47	0.0065	ND	NLE
gamma-BHC	20	86.47	0.0087	ND	0.52
delta-BHC	20	86.47	0.0087	ND	NLE
Heptachlor	20	86.47	0.0065	ND	0.15
Aldrin	20	86.47	0.0087	ND	0.04
Heptachlor Epoxide	20	86.47	0.0131	ND	NLE
Endosulfan I	20	86.47	0.0109	ND	NLE
4,4'-DDE	20	86.47	0.0087	0.056	2
Dieldrin	20	86.47	0.0109	ND	0.042
Endrin	20	86.47	0.0109	ND	17
Endosulfan II	20	86.47	0.0087	ND	NLE
4,4'-DDD	20	86.47	0.0131	0.090	3
Endrin Aldehyde	20	86.47	0.0109	ND	NLE
4,4'-DDT	20	86.47	0.0239	0.057	2
Endosulfan-Sulfate	20	86.47	0.0087	ND	NLE
gamma -Chlordane	20	86.47	0.0109	0.018	NLE
alpha-Chlordane	20	86.47	0.0109	0.014	NLE
Toxaphene	20	86.47	0.0065	ND	0.1
Arochlor 1016	20	86.47	0.2437	ND	0.49
Arochlor 1221	20	86.47	0.4482	ND	0.49
Arochlor 1232	20	86.47	0.3046	ND	0.49
Arochlor 1242	20	86.47	0.3481	ND	0.49
Arochlor 1248	20	86.47	0.1393	ND	0.49
Arochlor 1254	20	86.47	0.0870	ND	0.49
Arochlor 1260	20	86.47	0.0783	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002687

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4382.42
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/30/99
	Bldg. 173	**Extraction Date:**	4/2/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/4/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
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	20	84.92	0.0070	ND	NLE
beta-BHC	20	84.92	0.0070	ND	NLE
gamma-BHC	20	84.92	0.0093	ND	0.52
delta-BHC	20	84.92	0.0093	ND	NLE
Heptachlor	20	84.92	0.0070	ND	0.15
Aldrin	20	84.92	0.0093	ND	0.04
Heptachlor Epoxide	20	84.92	0.0139	ND	NLE
Endosulfan I	20	84.92	0.0116	ND	NLE
4,4'-DDE	20	84.92	0.0093	0.058	2
Dieldrin	20	84.92	0.0116	ND	0.042
Endrin	20	84.92	0.0116	ND	17
Endosulfan II	20	84.92	0.0093	ND	NLE
4,4'-DDD	20	84.92	0.0139	0.069	3
Endrin Aldehyde	20	84.92	0.0116	ND	NLE
4,4'-DDT	20	84.92	0.0255	ND	2
Endosulfan-Sulfate	20	84.92	0.0093	ND	NLE
gamma -Chlordane	20	84.92	0.0116	0.020	NLE
alpha-Chlordane	20	84.92	0.0116	0.012	NLE
Toxaphene	20	84.92	0.0070	ND	0.1
Arochlor 1016	20	84.92	0.2596	ND	0.49
Arochlor 1221	20	84.92	0.4775	ND	0.49
Arochlor 1232	20	84.92	0.3245	ND	0.49
Arochlor 1242	20	84.92	0.3709	ND	0.49
Arochlor 1248	20	84.92	0.1484	ND	0.49
Arochlor 1254	20	84.92	0.0927	ND	0.49
Arochlor 1260	20	84.92	0.0835	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4382.44
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/30/99
	Bldg. 173	**Extraction Date:**	4/2/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/5/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
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	20	68.82	0.0068	ND	NLE
beta-BHC	20	68.82	0.0068	ND	NLE
gamma-BHC	20	68.82	0.0091	ND	0.52
delta-BHC	20	68.82	0.0091	ND	NLE
Heptachlor	20	68.82	0.0068	ND	0.15
Aldrin	20	68.82	0.0091	ND	0.04
Heptachlor Epoxide	20	68.82	0.0136	ND	NLE
Endosulfan I	20	68.82	0.0113	ND	NLE
4,4'-DDE	20	68.82	0.0091	0.051	2
Dieldrin	20	68.82	0.0113	0.017	0.042
Endrin	20	68.82	0.0113	ND	17
Endosulfan II	20	68.82	0.0091	ND	NLE
4,4'-DDD	20	68.82	0.0136	0.096	3
Endrin Aldehyde	20	68.82	0.0113	ND	NLE
4,4'-DDT	20	68.82	0.0249	0.029	2
Endosulfan-Sulfate	20	68.82	0.0091	ND	NLE
gamma -Chlordane	20	68.82	0.0113	0.012	NLE
alpha-Chlordane	20	68.82	0.0113	ND	NLE
Toxaphene	20	68.82	0.0068	ND	0.1
Arochlor 1016	20	68.82	0.2537	ND	0.49
Arochlor 1221	20	68.82	0.4666	ND	0.49
Arochlor 1232	20	68.82	0.3171	ND	0.49
Arochlor 1242	20	68.82	0.3624	ND	0.49
Arochlor 1248	20	68.82	0.1450	ND	0.49
Arochlor 1254	20	68.82	0.0906	ND	0.49
Arochlor 1260	20	68.82	0.0815	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002689

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4382.46
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/30/99
	Bldg. 173	**Extraction Date:**	4/2/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/5/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	87

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	38.19	0.0153	ND	NLE
beta-BHC	20	38.19	0.0153	ND	NLE
gamma-BHC	20	38.19	0.0204	ND	0.52
delta-BHC	20	38.19	0.0204	ND	NLE
Heptachlor	20	38.19	0.0153	ND	0.15
Aldrin	20	38.19	0.0204	ND	0.04
Heptachlor Epoxide	20	38.19	0.0306	ND	NLE
Endosulfan I	20	38.19	0.0255	ND	NLE
4,4'-DDE	20	38.19	0.0204	ND	2
Dieldrin	20	38.19	0.0255	ND	0.042
Endrin	20	38.19	0.0255	ND	17
Endosulfan II	20	38.19	0.0204	ND	NLE
4,4'-DDD	20	38.19	0.0306	ND	3
Endrin Aldehyde	20	38.19	0.0255	ND	NLE
4,4'-DDT	20	38.19	0.0560	ND	2
Endosulfan-Sulfate	20	38.19	0.0204	ND	NLE
gamma -Chlordane	20	38.19	0.0255	ND	NLE
alpha-Chlordane	20	38.19	0.0255	ND	NLE
Toxaphene	20	38.19	0.0153	ND	0.1
Arochlor 1016	1	38.19	0.0285	ND	0.49
Arochlor 1221	1	38.19	0.0525	ND	0.49
Arochlor 1232	1	38.19	0.0357	ND	0.49
Arochlor 1242	20	38.19	0.8151	12.604	0.49
Arochlor 1248	1	38.19	0.0163	ND	0.49
Arochlor 1254	1	38.19	0.0102	ND	0.49
Arochlor 1260	1	38.19	0.0092	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002690

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4382.48
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/30/99
	Bldg. 173	**Extraction Date:**	4/2/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/5/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	88

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	88.60	0.0062	ND	NLE
beta-BHC	20	88.60	0.0062	ND	NLE
gamma-BHC	20	88.60	0.0083	ND	0.52
delta-BHC	20	88.60	0.0083	ND	NLE
Heptachlor	20	88.60	0.0062	ND	0.15
Aldrin	20	88.60	0.0083	ND	0.04
Heptachlor Epoxide	20	88.60	0.0125	ND	NLE
Endosulfan I	20	88.60	0.0104	ND	NLE
4,4'-DDE	20	88.60	0.0083	0.069	2
Dieldrin	20	88.60	0.0104	ND	0.042
Endrin	20	88.60	0.0104	ND	17
Endosulfan II	20	88.60	0.0083	ND	NLE
4,4'-DDD	20	88.60	0.0125	0.199	3
Endrin Aldehyde	20	88.60	0.0104	ND	NLE
4,4'-DDT	20	88.60	0.0228	0.038	2
Endosulfan-Sulfate	20	88.60	0.0083	ND	NLE
gamma -Chlordane	20	88.60	0.0104	0.082	NLE
alpha-Chlordane	20	88.60	0.0104	0.055	NLE
Toxaphene	20	88.60	0.0062	ND	0.1
Arochlor 1016	20	88.60	0.2326	ND	0.49
Arochlor 1221	20	88.60	0.4278	ND	0.49
Arochlor 1232	20	88.60	0.2907	ND	0.49
Arochlor 1242	20	88.60	0.3323	ND	0.49
Arochlor 1248	20	88.60	0.1329	ND	0.49
Arochlor 1254	20	88.60	0.0831	ND	0.49
Arochlor 1260	20	88.60	0.0748	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002691

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4389.02
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/1/99
	Bldg. 173	**Extraction Date:**	4/2/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/4/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	89

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	82.12	0.0074	ND	NLE
beta-BHC	20	82.12	0.0074	ND	NLE
gamma-BHC	20	82.12	0.0099	ND	0.52
delta-BHC	20	82.12	0.0099	ND	NLE
Heptachlor	20	82.12	0.0074	ND	0.15
Aldrin	20	82.12	0.0099	ND	0.04
Heptachlor Epoxide	20	82.12	0.0148	ND	NLE
Endosulfan I	20	82.12	0.0123	ND	NLE
4,4'-DDE	20	82.12	0.0099	0.290	2
Dieldrin	20	82.12	0.0123	0.085	0.042
Endrin	20	82.12	0.0123	ND	17
Endosulfan II	20	82.12	0.0099	ND	NLE
4,4'-DDD	20	82.12	0.0148	0.594	3
Endrin Aldehyde	20	82.12	0.0123	ND	NLE
4,4'-DDT	20	82.12	0.0271	1.811	2
Endosulfan-Sulfate	20	82.12	0.0099	ND	NLE
gamma -Chlordane	20	82.12	0.0123	0.045	NLE
alpha-Chlordane	20	82.12	0.0123	0.038	NLE
Toxaphene	20	82.12	0.0074	ND	0.1
Arochlor 1016	1	82.12	0.0138	ND	0.49
Arochlor 1221	1	82.12	0.0254	ND	0.49
Arochlor 1232	1	82.12	0.0173	ND	0.49
Arochlor 1242	1	82.12	0.0197	ND	0.49
Arochlor 1248	1	82.12	0.0079	ND	0.49
Arochlor 1254	1	82.12	0.0049	ND	0.49
Arochlor 1260	1	82.12	0.0044	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002692

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4389.04
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/1/99
	Bldg. 173	**Extraction Date:**	4/6/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/6/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	90

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	85.53	0.0064	ND	NLE
beta-BHC	20	85.53	0.0064	ND	NLE
gamma-BHC	20	85.53	0.0085	ND	0.52
delta-BHC	20	85.53	0.0085	ND	NLE
Heptachlor	20	85.53	0.0064	ND	0.15
Aldrin	20	85.53	0.0085	ND	0.04
Heptachlor Epoxide	20	85.53	0.0128	ND	NLE
Endosulfan I	20	85.53	0.0107	ND	NLE
4,4'-DDE	20	85.53	0.0085	0.023	2
Dieldrin	20	85.53	0.0107	ND	0.042
Endrin	20	85.53	0.0107	ND	17
Endosulfan II	20	85.53	0.0085	ND	NLE
4,4'-DDD	20	85.53	0.0128	0.030	3
Endrin Aldehyde	20	85.53	0.0107	ND	NLE
4,4'-DDT	20	85.53	0.0235	0.027	2
Endosulfan-Sulfate	20	85.53	0.0085	ND	NLE
gamma -Chlordane	20	85.53	0.0107	0.019	NLE
alpha-Chlordane	20	85.53	0.0107	0.015	NLE
Toxaphene	20	85.53	0.0064	ND	0.1
Arochlor 1016	20	85.53	0.2392	ND	0.49
Arochlor 1221	20	85.53	0.4399	ND	0.49
Arochlor 1232	20	85.53	0.2990	ND	0.49
Arochlor 1242	20	85.53	0.3417	ND	0.49
Arochlor 1248	20	85.53	0.1367	ND	0.49
Arochlor 1254	20	85.53	0.0854	ND	0.49
Arochlor 1260	20	85.53	0.0769	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002693

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4389.06
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/1/99
	Bldg. 173	**Extraction Date:**	4/2/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/4/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	91

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	56.23	0.0105	ND	NLE
beta-BHC	20	56.23	0.0105	ND	NLE
gamma-BHC	20	56.23	0.0140	ND	0.52
delta-BHC	20	56.23	0.0140	ND	NLE
Heptachlor	20	56.23	0.0105	ND	0.15
Aldrin	20	56.23	0.0140	ND	0.04
Heptachlor Epoxide	20	56.23	0.0210	ND	NLE
Endosulfan I	20	56.23	0.0175	ND	NLE
4,4'-DDE	20	56.23	0.0140	ND	2
Dieldrin	20	56.23	0.0175	ND	0.042
Endrin	20	56.23	0.0175	ND	17
Endosulfan II	20	56.23	0.0140	ND	NLE
4,4'-DDD	20	56.23	0.0210	0.032	3
Endrin Aldehyde	20	56.23	0.0175	ND	NLE
4,4'-DDT	20	56.23	0.0385	ND	2
Endosulfan-Sulfate	20	56.23	0.0140	ND	NLE
gamma -Chlordane	20	56.23	0.0175	ND	NLE
alpha-Chlordane	20	56.23	0.0175	ND	NLE
Toxaphene	20	56.23	0.0105	ND	0.1
Arochlor 1016	1	56.23	0.0196	ND	0.49
Arochlor 1221	1	56.23	0.0361	ND	0.49
Arochlor 1232	1	56.23	0.0245	ND	0.49
Arochlor 1242	20	56.23	0.5601	50.742	0.49
Arochlor 1248	1	56.23	0.0112	ND	0.49
Arochlor 1254	1	56.23	0.0070	ND	0.49
Arochlor 1260	1	56.23	0.0063	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002694

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4389.08
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/1/99
	Bldg. 173	**Extraction Date:**	4/6/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/6/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	92

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	36.98	0.0151	ND	NLE
beta-BHC	20	36.98	0.0151	ND	NLE
gamma-BHC	20	36.98	0.0201	ND	0.52
delta-BHC	20	36.98	0.0201	ND	NLE
Heptachlor	20	36.98	0.0151	ND	0.15
Aldrin	20	36.98	0.0201	ND	0.04
Heptachlor Epoxide	20	36.98	0.0301	ND	NLE
Endosulfan I	20	36.98	0.0251	ND	NLE
4,4'-DDE	20	36.98	0.0201	0.093	2
Dieldrin	20	36.98	0.0251	ND	0.042
Endrin	20	36.98	0.0251	ND	17
Endosulfan II	20	36.98	0.0201	ND	NLE
4,4'-DDD	20	36.98	0.0301	0.499	3
Endrin Aldehyde	20	36.98	0.0251	ND	NLE
4,4'-DDT	20	36.98	0.0552	0.159	2
Endosulfan-Sulfate	20	36.98	0.0201	ND	NLE
gamma -Chlordane	20	36.98	0.0251	0.039	NLE
alpha-Chlordane	20	36.98	0.0251	0.032	NLE
Toxaphene	20	36.98	0.0151	ND	0.1
Arochlor 1016	1	36.98	0.0281	ND	0.49
Arochlor 1221	1	36.98	0.0517	ND	0.49
Arochlor 1232	1	36.98	0.0351	ND	0.49
Arochlor 1242	1	36.98	0.0401	ND	0.49
Arochlor 1248	1	36.98	0.0161	ND	0.49
Arochlor 1254	1	36.98	0.0100	ND	0.49
Arochlor 1260	1	36.98	0.0090	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002695

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4389.10
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/1/99
	Bldg. 173	**Extraction Date:**	4/2/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/4/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	93

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	86.94	0.0068	ND	NLE
beta-BHC	20	86.94	0.0068	ND	NLE
gamma-BHC	20	86.94	0.0091	ND	0.52
delta-BHC	20	86.94	0.0091	ND	NLE
Heptachlor	20	86.94	0.0068	ND	0.15
Aldrin	20	86.94	0.0091	ND	0.04
Heptachlor Epoxide	20	86.94	0.0136	ND	NLE
Endosulfan I	20	86.94	0.0114	ND	NLE
4,4'-DDE	20	86.94	0.0091	0.037	2
Dieldrin	20	86.94	0.0114	ND	0.042
Endrin	20	86.94	0.0114	ND	17
Endosulfan II	20	86.94	0.0091	ND	NLE
4,4'-DDD	20	86.94	0.0136	0.052	3
Endrin Aldehyde	20	86.94	0.0114	ND	NLE
4,4'-DDT	20	86.94	0.0250	ND	2
Endosulfan-Sulfate	20	86.94	0.0091	ND	NLE
gamma -Chlordane	20	86.94	0.0114	ND	NLE
alpha-Chlordane	20	86.94	0.0114	ND	NLE
Toxaphene	20	86.94	0.0068	ND	0.1
Arochlor 1016	20	86.94	0.2546	ND	0.49
Arochlor 1221	20	86.94	0.4683	ND	0.49
Arochlor 1232	20	86.94	0.3182	ND	0.49
Arochlor 1242	20	86.94	0.3637	ND	0.49
Arochlor 1248	20	86.94	0.1455	ND	0.49
Arochlor 1254	20	86.94	0.0909	ND	0.49
Arochlor 1260	20	86.94	0.0818	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002696

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4389.12
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/1/99
	Bldg. 173	**Extraction Date:**	4/2/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/4/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	94

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	83.70	0.0071	ND	NLE
beta-BHC	20	83.70	0.0071	ND	NLE
gamma-BHC	20	83.70	0.0094	ND	0.52
delta-BHC	20	83.70	0.0094	ND	NLE
Heptachlor	20	83.70	0.0071	ND	0.15
Aldrin	20	83.70	0.0094	ND	0.04
Heptachlor Epoxide	20	83.70	0.0141	ND	NLE
Endosulfan I	20	83.70	0.0118	ND	NLE
4,4'-DDE	20	83.70	0.0094	0.109	2
Dieldrin	20	83.70	0.0118	0.017	0.042
Endrin	20	83.70	0.0118	ND	17
Endosulfan II	20	83.70	0.0094	ND	NLE
4,4'-DDD	20	83.70	0.0141	0.943	3
Endrin Aldehyde	20	83.70	0.0118	ND	NLE
4,4'-DDT	20	83.70	0.0259	0.030	2
Endosulfan-Sulfate	20	83.70	0.0094	ND	NLE
gamma -Chlordane	20	83.70	0.0118	0.054	NLE
alpha-Chlordane	20	83.70	0.0118	0.033	NLE
Toxaphene	20	83.70	0.0071	ND	0.1
Arochlor 1016	20	83.70	0.2634	ND	0.49
Arochlor 1221	20	83.70	0.4845	ND	0.49
Arochlor 1232	20	83.70	0.3293	ND	0.49
Arochlor 1242	20	83.70	0.3763	ND	0.49
Arochlor 1248	20	83.70	0.1505	ND	0.49
Arochlor 1254	20	83.70	0.0941	ND	0.49
Arochlor 1260	20	83.70	0.0847	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4389.14
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/1/99
	Bldg. 173	**Extraction Date:**	4/2/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/4/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	95

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	89.68	0.0067	ND	NLE
beta-BHC	20	89.68	0.0067	ND	NLE
gamma-BHC	20	89.68	0.0089	ND	0.52
delta-BHC	20	89.68	0.0089	ND	NLE
Heptachlor	20	89.68	0.0067	ND	0.15
Aldrin	20	89.68	0.0089	ND	0.04
Heptachlor Epoxide	20	89.68	0.0134	ND	NLE
Endosulfan I	20	89.68	0.0111	ND	NLE
4,4'-DDE	20	89.68	0.0089	0.016	2
Dieldrin	20	89.68	0.0111	ND	0.042
Endrin	20	89.68	0.0111	ND	17
Endosulfan II	20	89.68	0.0089	ND	NLE
4,4'-DDD	20	89.68	0.0134	0.027	3
Endrin Aldehyde	20	89.68	0.0111	ND	NLE
4,4'-DDT	20	89.68	0.0245	ND	2
Endosulfan-Sulfate	20	89.68	0.0089	ND	NLE
gamma -Chlordane	20	89.68	0.0111	ND	NLE
alpha-Chlordane	20	89.68	0.0111	ND	NLE
Toxaphene	20	89.68	0.0067	ND	0.1
Arochlor 1016	20	89.68	0.2493	ND	0.49
Arochlor 1221	20	89.68	0.4585	ND	0.49
Arochlor 1232	20	89.68	0.3116	ND	0.49
Arochlor 1242	20	89.68	0.3561	ND	0.49
Arochlor 1248	20	89.68	0.1424	ND	0.49
Arochlor 1254	20	89.68	0.0890	ND	0.49
Arochlor 1260	20	89.68	0.0801	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002698

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4389.16
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/1/99
	Bldg. 173	**Extraction Date:**	4/2/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/4/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	96

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	87.59	0.0069	ND	NLE
beta-BHC	20	87.59	0.0069	ND	NLE
gamma-BHC	20	87.59	0.0091	ND	0.52
delta-BHC	20	87.59	0.0091	ND	NLE
Heptachlor	20	87.59	0.0069	ND	0.15
Aldrin	20	87.59	0.0091	ND	0.04
Heptachlor Epoxide	20	87.59	0.0137	ND	NLE
Endosulfan I	20	87.59	0.0114	ND	NLE
4,4'-DDE	20	87.59	0.0091	0.018	2
Dieldrin	20	87.59	0.0114	ND	0.042
Endrin	20	87.59	0.0114	ND	17
Endosulfan II	20	87.59	0.0091	ND	NLE
4,4'-DDD	20	87.59	0.0137	0.028	3
Endrin Aldehyde	20	87.59	0.0114	ND	NLE
4,4'-DDT	20	87.59	0.0251	ND	2
Endosulfan-Sulfate	20	87.59	0.0091	ND	NLE
gamma -Chlordane	20	87.59	0.0114	ND	NLE
alpha-Chlordane	20	87.59	0.0114	ND	NLE
Toxaphene	20	87.59	0.0069	ND	0.1
Arochlor 1016	20	87.59	0.2557	ND	0.49
Arochlor 1221	20	87.59	0.4704	ND	0.49
Arochlor 1232	20	87.59	0.3197	ND	0.49
Arochlor 1242	20	87.59	0.3653	ND	0.49
Arochlor 1248	20	87.59	0.1461	ND	0.49
Arochlor 1254	20	87.59	0.0913	ND	0.49
Arochlor 1260	20	87.59	0.0822	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002699

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4389.18
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/1/99
	Bldg. 173	**Extraction Date:**	4/2/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/4/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
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	20	81.84	0.0070	ND	NLE
beta-BHC	20	81.84	0.0070	ND	NLE
gamma-BHC	20	81.84	0.0094	ND	0.52
delta-BHC	20	81.84	0.0094	ND	NLE
Heptachlor	20	81.84	0.0070	ND	0.15
Aldrin	20	81.84	0.0094	ND	0.04
Heptachlor Epoxide	20	81.84	0.0140	ND	NLE
Endosulfan I	20	81.84	0.0117	ND	NLE
4,4'-DDE	20	81.84	0.0094	0.031	2
Dieldrin	20	81.84	0.0117	ND	0.042
Endrin	20	81.84	0.0117	ND	17
Endosulfan II	20	81.84	0.0094	ND	NLE
4,4'-DDD	20	81.84	0.0140	0.060	3
Endrin Aldehyde	20	81.84	0.0117	ND	NLE
4,4'-DDT	20	81.84	0.0257	ND	2
Endosulfan-Sulfate	20	81.84	0.0094	ND	NLE
gamma -Chlordane	20	81.84	0.0117	0.015	NLE
alpha-Chlordane	20	81.84	0.0117	0.014	NLE
Toxaphene	20	81.84	0.0070	ND	0.1
Arochlor 1016	20	81.84	0.2622	ND	0.49
Arochlor 1221	20	81.84	0.4822	ND	0.49
Arochlor 1232	20	81.84	0.3277	ND	0.49
Arochlor 1242	20	81.84	0.3745	ND	0.49
Arochlor 1248	20	81.84	0.1498	ND	0.49
Arochlor 1254	20	81.84	0.0936	ND	0.49
Arochlor 1260	20	81.84	0.0843	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002700

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4389.20
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/1/99
	Bldg. 173	**Extraction Date:**	4/2/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/4/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
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	20	87.60	0.0068	ND	NLE
beta-BHC	20	87.60	0.0068	ND	NLE
gamma-BHC	20	87.60	0.0091	ND	0.52
delta-BHC	20	87.60	0.0091	ND	NLE
Heptachlor	20	87.60	0.0068	ND	0.15
Aldrin	20	87.60	0.0091	ND	0.04
Heptachlor Epoxide	20	87.60	0.0137	ND	NLE
Endosulfan I	20	87.60	0.0114	ND	NLE
4,4'-DDE	20	87.60	0.0091	0.122	2
Dieldrin	20	87.60	0.0114	0.016	0.042
Endrin	20	87.60	0.0114	ND	17
Endosulfan II	20	87.60	0.0091	ND	NLE
4,4'-DDD	20	87.60	0.0137	0.172	3
Endrin Aldehyde	20	87.60	0.0114	ND	NLE
4,4'-DDT	20	87.60	0.0250	0.081	2
Endosulfan-Sulfate	20	87.60	0.0091	ND	NLE
gamma -Chlordane	20	87.60	0.0114	0.031	NLE
alpha-Chlordane	20	87.60	0.0114	0.028	NLE
Toxaphene	20	87.60	0.0068	ND	0.1
Arochlor 1016	20	87.60	0.2549	ND	0.49
Arochlor 1221	20	87.60	0.4689	ND	0.49
Arochlor 1232	20	87.60	0.3187	ND	0.49
Arochlor 1242	20	87.60	0.3642	ND	0.49
Arochlor 1248	20	87.60	0.1457	ND	0.49
Arochlor 1254	20	87.60	0.0911	ND	0.49
Arochlor 1260	20	87.60	0.0819	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4389.22
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/1/99
	Bldg. 173	**Extraction Date:**	4/6/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/6/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
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	20	77.08	0.0078	ND	NLE
beta-BHC	20	77.08	0.0078	ND	NLE
gamma-BHC	20	77.08	0.0103	ND	0.52
delta-BHC	20	77.08	0.0103	ND	NLE
Heptachlor	20	77.08	0.0078	ND	0.15
Aldrin	20	77.08	0.0103	ND	0.04
Heptachlor Epoxide	20	77.08	0.0155	ND	NLE
Endosulfan I	20	77.08	0.0129	ND	NLE
4,4'-DDE	20	77.08	0.0103	ND	2
Dieldrin	20	77.08	0.0129	ND	0.042
Endrin	20	77.08	0.0129	ND	17
Endosulfan II	20	77.08	0.0103	ND	NLE
4,4'-DDD	20	77.08	0.0155	ND	3
Endrin Aldehyde	20	77.08	0.0129	ND	NLE
4,4'-DDT	20	77.08	0.0284	ND	2
Endosulfan-Sulfate	20	77.08	0.0103	ND	NLE
gamma -Chlordane	20	77.08	0.0129	ND	NLE
alpha-Chlordane	20	77.08	0.0129	ND	NLE
Toxaphene	20	77.08	0.0078	ND	0.1
Arochlor 1016	1	77.08	0.0145	ND	0.49
Arochlor 1221	1	77.08	0.0266	ND	0.49
Arochlor 1232	1	77.08	0.0181	ND	0.49
Arochlor 1242	1	77.08	0.0207	ND	0.49
Arochlor 1248	1	77.08	0.0083	ND	0.49
Arochlor 1254	1	77.08	0.0052	ND	0.49
Arochlor 1260	1	77.08	0.0047	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002702

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4389.24
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/1/99
	Bldg. 173	**Extraction Date:**	4/6/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/6/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
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	20	87.57	0.0065	ND	NLE
beta-BHC	20	87.57	0.0065	ND	NLE
gamma-BHC	20	87.57	0.0087	ND	0.52
delta-BHC	20	87.57	0.0087	ND	NLE
Heptachlor	20	87.57	0.0065	ND	0.15
Aldrin	20	87.57	0.0087	ND	0.04
Heptachlor Epoxide	20	87.57	0.0130	ND	NLE
Endosulfan I	20	87.57	0.0109	ND	NLE
4,4'-DDE	20	87.57	0.0087	0.025	2
Dieldrin	20	87.57	0.0109	ND	0.042
Endrin	20	87.57	0.0109	ND	17
Endosulfan II	20	87.57	0.0087	ND	NLE
4,4'-DDD	20	87.57	0.0130	0.049	3
Endrin Aldehyde	20	87.57	0.0109	ND	NLE
4,4'-DDT	20	87.57	0.0239	0.024	2
Endosulfan-Sulfate	20	87.57	0.0087	ND	NLE
gamma -Chlordane	20	87.57	0.0109	ND	NLE
alpha-Chlordane	20	87.57	0.0109	ND	NLE
Toxaphene	20	87.57	0.0065	ND	0.1
Arochlor 1016	20	87.57	0.2432	ND	0.49
Arochlor 1221	20	87.57	0.4472	ND	0.49
Arochlor 1232	20	87.57	0.3039	ND	0.49
Arochlor 1242	20	87.57	0.3474	ND	0.49
Arochlor 1248	20	87.57	0.1389	ND	0.49
Arochlor 1254	20	87.57	0.0868	ND	0.49
Arochlor 1260	20	87.57	0.0782	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002703

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4389.26
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/1/99
	Bldg. 173	**Extraction Date:**	4/6/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/6/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
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	20	85.81	0.0067	ND	NLE
beta-BHC	20	85.81	0.0067	ND	NLE
gamma-BHC	20	85.81	0.0089	ND	0.52
delta-BHC	20	85.81	0.0089	ND	NLE
Heptachlor	20	85.81	0.0067	ND	0.15
Aldrin	20	85.81	0.0089	ND	0.04
Heptachlor Epoxide	20	85.81	0.0134	ND	NLE
Endosulfan I	20	85.81	0.0112	ND	NLE
4,4'-DDE	20	85.81	0.0089	0.029	2
Dieldrin	20	85.81	0.0112	ND	0.042
Endrin	20	85.81	0.0112	ND	17
Endosulfan II	20	85.81	0.0089	ND	NLE
4,4'-DDD	20	85.81	0.0134	0.024	3
Endrin Aldehyde	20	85.81	0.0112	ND	NLE
4,4'-DDT	20	85.81	0.0245	ND	2
Endosulfan-Sulfate	20	85.81	0.0089	ND	NLE
gamma -Chlordane	20	85.81	0.0112	ND	NLE
alpha-Chlordane	20	85.81	0.0112	ND	NLE
Toxaphene	20	85.81	0.0067	ND	0.1
Arochlor 1016	20	85.81	0.2498	ND	0.49
Arochlor 1221	20	85.81	0.4595	ND	0.49
Arochlor 1232	20	85.81	0.3123	ND	0.49
Arochlor 1242	20	85.81	0.3569	ND	0.49
Arochlor 1248	20	85.81	0.1427	ND	0.49
Arochlor 1254	20	85.81	0.0892	ND	0.49
Arochlor 1260	20	85.81	0.0803	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002704

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4389.28
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/1/99
	Bldg. 173	**Extraction Date:**	4/6/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/6/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
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	20	88.43	0.0067	ND	NLE
beta-BHC	20	88.43	0.0067	ND	NLE
gamma-BHC	20	88.43	0.0089	ND	0.52
delta-BHC	20	88.43	0.0089	ND	NLE
Heptachlor	20	88.43	0.0067	ND	0.15
Aldrin	20	88.43	0.0089	ND	0.04
Heptachlor Epoxide	20	88.43	0.0134	ND	NLE
Endosulfan I	20	88.43	0.0111	ND	NLE
4,4'-DDE	20	88.43	0.0089	0.012	2
Dieldrin	20	88.43	0.0111	0.026	0.042
Endrin	20	88.43	0.0111	ND	17
Endosulfan II	20	88.43	0.0089	ND	NLE
4,4'-DDD	20	88.43	0.0134	ND	3
Endrin Aldehyde	20	88.43	0.0111	ND	NLE
4,4'-DDT	20	88.43	0.0245	ND	2
Endosulfan-Sulfate	20	88.43	0.0089	ND	NLE
gamma -Chlordane	20	88.43	0.0111	ND	NLE
alpha-Chlordane	20	88.43	0.0111	ND	NLE
Toxaphene	20	88.43	0.0067	ND	0.1
Arochlor 1016	20	88.43	0.2493	ND	0.49
Arochlor 1221	20	88.43	0.4586	ND	0.49
Arochlor 1232	20	88.43	0.3116	ND	0.49
Arochlor 1242	20	88.43	0.3562	ND	0.49
Arochlor 1248	20	88.43	0.1425	ND	0.49
Arochlor 1254	20	88.43	0.0890	ND	0.49
Arochlor 1260	20	88.43	0.0801	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002705

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4389.30
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/1/99
	Bldg. 173	**Extraction Date:**	4/6/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/6/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
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	20	70.71	0.0083	ND	NLE
beta-BHC	20	70.71	0.0083	ND	NLE
gamma-BHC	20	70.71	0.0110	ND	0.52
delta-BHC	20	70.71	0.0110	ND	NLE
Heptachlor	20	70.71	0.0083	ND	0.15
Aldrin	20	70.71	0.0110	ND	0.04
Heptachlor Epoxide	20	70.71	0.0166	ND	NLE
Endosulfan I	20	70.71	0.0138	ND	NLE
4,4'-DDE	20	70.71	0.0110	0.107	2
Dieldrin	20	70.71	0.0138	0.019	0.042
Endrin	20	70.71	0.0138	ND	17
Endosulfan II	20	70.71	0.0110	ND	NLE
4,4'-DDD	20	70.71	0.0166	0.118	3
Endrin Aldehyde	20	70.71	0.0138	ND	NLE
4,4'-DDT	20	70.71	0.0304	0.131	2
Endosulfan-Sulfate	20	70.71	0.0110	ND	NLE
gamma -Chlordane	20	70.71	0.0138	0.019	NLE
alpha-Chlordane	20	70.71	0.0138	0.016	NLE
Toxaphene	20	70.71	0.0083	ND	0.1
Arochlor 1016	1	70.71	0.0155	ND	0.49
Arochlor 1221	1	70.71	0.0284	ND	0.49
Arochlor 1232	1	70.71	0.0193	ND	0.49
Arochlor 1242	1	70.71	0.0221	ND	0.49
Arochlor 1248	1	70.71	0.0088	ND	0.49
Arochlor 1254	1	70.71	0.0055	ND	0.49
Arochlor 1260	1	70.71	0.0050	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002706

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4394.02
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/5/99
	Bldg. 173	**Extraction Date:**	4/6/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/6/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	104

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	60.53	0.0094	ND	NLE
beta-BHC	20	60.53	0.0094	ND	NLE
gamma-BHC	20	60.53	0.0125	ND	0.52
delta-BHC	20	60.53	0.0125	ND	NLE
Heptachlor	20	60.53	0.0094	ND	0.15
Aldrin	20	60.53	0.0125	ND	0.04
Heptachlor Epoxide	20	60.53	0.0187	ND	NLE
Endosulfan I	20	60.53	0.0156	ND	NLE
4,4'-DDE	20	60.53	0.0125	0.013	2
Dieldrin	20	60.53	0.0156	ND	0.042
Endrin	20	60.53	0.0156	ND	17
Endosulfan II	20	60.53	0.0125	ND	NLE
4,4'-DDD	20	60.53	0.0187	ND	3
Endrin Aldehyde	20	60.53	0.0156	ND	NLE
4,4'-DDT	20	60.53	0.0343	0.066	2
Endosulfan-Sulfate	20	60.53	0.0125	ND	NLE
gamma -Chlordane	20	60.53	0.0156	ND	NLE
alpha-Chlordane	20	60.53	0.0156	ND	NLE
Toxaphene	20	60.53	0.0094	ND	0.1
Arochlor 1016	5	60.53	0.0874	ND	0.49
Arochlor 1221	5	60.53	0.1607	ND	0.49
Arochlor 1232	5	60.53	0.1092	ND	0.49
Arochlor 1242	5	60.53	0.1248	ND	0.49
Arochlor 1248	5	60.53	0.0499	ND	0.49
Arochlor 1254	5	60.53	0.0312	ND	0.49
Arochlor 1260	5	60.53	0.0281	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002707

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4394.04
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/5/99
	Bldg. 173	**Extraction Date:**	4/6/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/6/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
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	20	80.85	0.0069	ND	NLE
beta-BHC	20	80.85	0.0069	ND	NLE
gamma-BHC	20	80.85	0.0092	ND	0.52
delta-BHC	20	80.85	0.0092	ND	NLE
Heptachlor	20	80.85	0.0069	ND	0.15
Aldrin	20	80.85	0.0092	ND	0.04
Heptachlor Epoxide	20	80.85	0.0138	ND	NLE
Endosulfan I	20	80.85	0.0115	ND	NLE
4,4'-DDE	20	80.85	0.0092	0.074	2
Dieldrin	20	80.85	0.0115	0.020	0.042
Endrin	20	80.85	0.0115	ND	17
Endosulfan II	20	80.85	0.0092	ND	NLE
4,4'-DDD	20	80.85	0.0138	0.054	3
Endrin Aldehyde	20	80.85	0.0115	ND	NLE
4,4'-DDT	20	80.85	0.0253	0.191	2
Endosulfan-Sulfate	20	80.85	0.0092	ND	NLE
gamma -Chlordane	20	80.85	0.0115	0.040	NLE
alpha-Chlordane	20	80.85	0.0115	0.035	NLE
Toxaphene	20	80.85	0.0069	ND	0.1
Arochlor 1016	20	80.85	0.2575	ND	0.49
Arochlor 1221	20	80.85	0.4736	ND	0.49
Arochlor 1232	20	80.85	0.3219	ND	0.49
Arochlor 1242	20	80.85	0.3678	ND	0.49
Arochlor 1248	20	80.85	0.1471	ND	0.49
Arochlor 1254	20	80.85	0.0920	ND	0.49
Arochlor 1260	20	80.85	0.0828	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002708

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4394.06
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/5/99
	Bldg. 173	**Extraction Date:**	4/6/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/6/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
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	20	85.63	0.0066	ND	NLE
beta-BHC	20	85.63	0.0066	ND	NLE
gamma-BHC	20	85.63	0.0088	ND	0.52
delta-BHC	20	85.63	0.0088	ND	NLE
Heptachlor	20	85.63	0.0066	ND	0.15
Aldrin	20	85.63	0.0088	ND	0.04
Heptachlor Epoxide	20	85.63	0.0132	ND	NLE
Endosulfan I	20	85.63	0.0110	ND	NLE
4,4'-DDE	20	85.63	0.0088	0.129	2
Dieldrin	20	85.63	0.0110	0.014	0.042
Endrin	20	85.63	0.0110	ND	17
Endosulfan II	20	85.63	0.0088	ND	NLE
4,4'-DDD	20	85.63	0.0132	0.071	3
Endrin Aldehyde	20	85.63	0.0110	ND	NLE
4,4'-DDT	20	85.63	0.0243	0.169	2
Endosulfan-Sulfate	20	85.63	0.0088	ND	NLE
gamma -Chlordane	20	85.63	0.0110	0.024	NLE
alpha-Chlordane	20	85.63	0.0110	0.021	NLE
Toxaphene	20	85.63	0.0066	ND	0.1
Arochlor 1016	20	85.63	0.2470	ND	0.49
Arochlor 1221	20	85.63	0.4543	ND	0.49
Arochlor 1232	20	85.63	0.3088	ND	0.49
Arochlor 1242	20	85.63	0.3529	ND	0.49
Arochlor 1248	20	85.63	0.1412	ND	0.49
Arochlor 1254	20	85.63	0.0882	ND	0.49
Arochlor 1260	20	85.63	0.0794	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4394.08
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/5/99
	Bldg. 173	**Extraction Date:**	4/6/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/6/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	107

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	82.02	0.0072	ND	NLE
beta-BHC	20	82.02	0.0072	ND	NLE
gamma-BHC	20	82.02	0.0096	ND	0.52
delta-BHC	20	82.02	0.0096	ND	NLE
Heptachlor	20	82.02	0.0072	ND	0.15
Aldrin	20	82.02	0.0096	ND	0.04
Heptachlor Epoxide	20	82.02	0.0143	ND	NLE
Endosulfan I	20	82.02	0.0120	ND	NLE
4,4'-DDE	20	82.02	0.0096	ND	2
Dieldrin	20	82.02	0.0120	ND	0.042
Endrin	20	82.02	0.0120	ND	17
Endosulfan II	20	82.02	0.0096	ND	NLE
4,4'-DDD	20	82.02	0.0143	ND	3
Endrin Aldehyde	20	82.02	0.0120	ND	NLE
4,4'-DDT	20	82.02	0.0263	0.029	2
Endosulfan-Sulfate	20	82.02	0.0096	ND	NLE
gamma -Chlordane	20	82.02	0.0120	0.013	NLE
alpha-Chlordane	20	82.02	0.0120	ND	NLE
Toxaphene	20	82.02	0.0072	ND	0.1
Arochlor 1016	5	82.02	0.0669	ND	0.49
Arochlor 1221	5	82.02	0.1231	ND	0.49
Arochlor 1232	5	82.02	0.0837	ND	0.49
Arochlor 1242	5	82.02	0.0956	ND	0.49
Arochlor 1248	5	82.02	0.0382	ND	0.49
Arochlor 1254	5	82.02	0.0239	ND	0.49
Arochlor 1260	5	82.02	0.0215	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002710

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4394.10
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/5/99
	Bldg. 173	**Extraction Date:**	4/6/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/6/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
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	20	78.62	0.0073	ND	NLE
beta-BHC	20	78.62	0.0073	ND	NLE
gamma-BHC	20	78.62	0.0098	ND	0.52
delta-BHC	20	78.62	0.0098	ND	NLE
Heptachlor	20	78.62	0.0073	ND	0.15
Aldrin	20	78.62	0.0098	ND	0.04
Heptachlor Epoxide	20	78.62	0.0147	ND	NLE
Endosulfan I	20	78.62	0.0122	ND	NLE
4,4'-DDE	20	78.62	0.0098	0.171	2
Dieldrin	20	78.62	0.0122	ND	0.042
Endrin	20	78.62	0.0122	ND	17
Endosulfan II	20	78.62	0.0098	ND	NLE
4,4'-DDD	20	78.62	0.0147	0.156	3
Endrin Aldehyde	20	78.62	0.0122	ND	NLE
4,4'-DDT	20	78.62	0.0269	0.244	2
Endosulfan-Sulfate	20	78.62	0.0098	ND	NLE
gamma -Chlordane	20	78.62	0.0122	0.026	NLE
alpha-Chlordane	20	78.62	0.0122	0.025	NLE
Toxaphene	20	78.62	0.0073	ND	0.1
Arochlor 1016	5	78.62	0.0686	ND	0.49
Arochlor 1221	5	78.62	0.1261	ND	0.49
Arochlor 1232	5	78.62	0.0857	ND	0.49
Arochlor 1242	5	78.62	0.0979	ND	0.49
Arochlor 1248	5	78.62	0.0392	ND	0.49
Arochlor 1254	5	78.62	0.0245	ND	0.49
Arochlor 1260	5	78.62	0.0220	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002711

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4394.12
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/5/99
	Bldg. 173	**Extraction Date:**	4/6/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/6/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
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	20	86.76	0.0067	ND	NLE
beta-BHC	20	86.76	0.0067	ND	NLE
gamma-BHC	20	86.76	0.0089	ND	0.52
delta-BHC	20	86.76	0.0089	ND	NLE
Heptachlor	20	86.76	0.0067	ND	0.15
Aldrin	20	86.76	0.0089	ND	0.04
Heptachlor Epoxide	20	86.76	0.0134	ND	NLE
Endosulfan I	20	86.76	0.0112	ND	NLE
4,4'-DDE	20	86.76	0.0089	0.040	2
Dieldrin	20	86.76	0.0112	ND	0.042
Endrin	20	86.76	0.0112	ND	17
Endosulfan II	20	86.76	0.0089	ND	NLE
4,4'-DDD	20	86.76	0.0134	0.046	3
Endrin Aldehyde	20	86.76	0.0112	ND	NLE
4,4'-DDT	20	86.76	0.0245	0.078	2
Endosulfan-Sulfate	20	86.76	0.0089	ND	NLE
gamma -Chlordane	20	86.76	0.0112	0.027	NLE
alpha-Chlordane	20	86.76	0.0112	0.021	NLE
Toxaphene	20	86.76	0.0067	ND	0.1
Arochlor 1016	20	86.76	0.2499	ND	0.49
Arochlor 1221	20	86.76	0.4597	ND	0.49
Arochlor 1232	20	86.76	0.3124	ND	0.49
Arochlor 1242	20	86.76	0.3571	ND	0.49
Arochlor 1248	20	86.76	0.1428	ND	0.49
Arochlor 1254	20	86.76	0.0893	ND	0.49
Arochlor 1260	20	86.76	0.0803	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002712

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4394.14
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/5/99
	Bldg. 173	**Extraction Date:**	4/6/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/6/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
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	20	86.35	0.0069	ND	NLE
beta-BHC	20	86.35	0.0069	ND	NLE
gamma-BHC	20	86.35	0.0092	ND	0.52
delta-BHC	20	86.35	0.0092	ND	NLE
Heptachlor	20	86.35	0.0069	ND	0.15
Aldrin	20	86.35	0.0092	ND	0.04
Heptachlor Epoxide	20	86.35	0.0138	ND	NLE
Endosulfan I	20	86.35	0.0115	ND	NLE
4,4'-DDE	20	86.35	0.0092	0.031	2
Dieldrin	20	86.35	0.0115	0.017	0.042
Endrin	20	86.35	0.0115	ND	17
Endosulfan II	20	86.35	0.0092	ND	NLE
4,4'-DDD	20	86.35	0.0138	0.089	3
Endrin Aldehyde	20	86.35	0.0115	ND	NLE
4,4'-DDT	20	86.35	0.0253	0.052	2
Endosulfan-Sulfate	20	86.35	0.0092	ND	NLE
gamma -Chlordane	20	86.35	0.0115	0.018	NLE
alpha-Chlordane	20	86.35	0.0115	ND	NLE
Toxaphene	20	86.35	0.0069	ND	0.1
Arochlor 1016	20	86.35	0.2571	ND	0.49
Arochlor 1221	20	86.35	0.4729	ND	0.49
Arochlor 1232	20	86.35	0.3214	ND	0.49
Arochlor 1242	20	86.35	0.3673	ND	0.49
Arochlor 1248	20	86.35	0.1469	ND	0.49
Arochlor 1254	20	86.35	0.0918	ND	0.49
Arochlor 1260	20	86.35	0.0826	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002713

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4394.16
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/5/99
	Bldg. 173	**Extraction Date:**	4/6/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/7/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
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	20	88.45	0.0068	ND	NLE
beta-BHC	20	88.45	0.0068	ND	NLE
gamma-BHC	20	88.45	0.0090	ND	0.52
delta-BHC	20	88.45	0.0090	ND	NLE
Heptachlor	20	88.45	0.0068	ND	0.15
Aldrin	20	88.45	0.0090	ND	0.04
Heptachlor Epoxide	20	88.45	0.0135	ND	NLE
Endosulfan I	20	88.45	0.0113	ND	NLE
4,4'-DDE	20	88.45	0.0090	0.040	2
Dieldrin	20	88.45	0.0113	ND	0.042
Endrin	20	88.45	0.0113	ND	17
Endosulfan II	20	88.45	0.0090	ND	NLE
4,4'-DDD	20	88.45	0.0135	0.043	3
Endrin Aldehyde	20	88.45	0.0113	ND	NLE
4,4'-DDT	20	88.45	0.0248	0.036	2
Endosulfan-Sulfate	20	88.45	0.0090	ND	NLE
gamma -Chlordane	20	88.45	0.0113	ND	NLE
alpha-Chlordane	20	88.45	0.0113	ND	NLE
Toxaphene	20	88.45	0.0068	ND	0.1
Arochlor 1016	20	88.45	0.2527	ND	0.49
Arochlor 1221	20	88.45	0.4649	ND	0.49
Arochlor 1232	20	88.45	0.3159	ND	0.49
Arochlor 1242	20	88.45	0.3611	ND	0.49
Arochlor 1248	20	88.45	0.1444	ND	0.49
Arochlor 1254	20	88.45	0.0903	ND	0.49
Arochlor 1260	20	88.45	0.0812	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002714

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4394.18
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/5/99
	Bldg. 173	**Extraction Date:**	4/6/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/7/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
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	20	90.30	0.0066	ND	NLE
beta-BHC	20	90.30	0.0066	ND	NLE
gamma-BHC	20	90.30	0.0087	ND	0.52
delta-BHC	20	90.30	0.0087	ND	NLE
Heptachlor	20	90.30	0.0066	ND	0.15
Aldrin	20	90.30	0.0087	ND	0.04
Heptachlor Epoxide	20	90.30	0.0131	ND	NLE
Endosulfan I	20	90.30	0.0109	ND	NLE
4,4'-DDE	20	90.30	0.0087	0.379	2
Dieldrin	20	90.30	0.0109	0.034	0.042
Endrin	20	90.30	0.0109	ND	17
Endosulfan II	20	90.30	0.0087	ND	NLE
4,4'-DDD	20	90.30	0.0131	0.213	3
Endrin Aldehyde	20	90.30	0.0109	ND	NLE
4,4'-DDT	20	90.30	0.0241	0.120	2
Endosulfan-Sulfate	20	90.30	0.0087	ND	NLE
gamma -Chlordane	20	90.30	0.0109	0.025	NLE
alpha-Chlordane	20	90.30	0.0109	0.022	NLE
Toxaphene	20	90.30	0.0066	ND	0.1
Arochlor 1016	20	90.30	0.2449	ND	0.49
Arochlor 1221	20	90.30	0.4504	ND	0.49
Arochlor 1232	20	90.30	0.3061	ND	0.49
Arochlor 1242	20	90.30	0.3498	ND	0.49
Arochlor 1248	20	90.30	0.1399	ND	0.49
Arochlor 1254	20	90.30	0.0875	ND	0.49
Arochlor 1260	20	90.30	0.0787	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002715

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4394.20
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/5/99
	Bldg. 173	**Extraction Date:**	4/6/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/7/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	113

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	87.62	0.0067	ND	NLE
beta-BHC	20	87.62	0.0067	ND	NLE
gamma-BHC	20	87.62	0.0090	ND	0.52
delta-BHC	20	87.62	0.0090	ND	NLE
Heptachlor	20	87.62	0.0067	ND	0.15
Aldrin	20	87.62	0.0090	ND	0.04
Heptachlor Epoxide	20	87.62	0.0135	ND	NLE
Endosulfan I	20	87.62	0.0112	ND	NLE
4,4'-DDE	20	87.62	0.0090	0.076	2
Dieldrin	20	87.62	0.0112	ND	0.042
Endrin	20	87.62	0.0112	ND	17
Endosulfan II	20	87.62	0.0090	ND	NLE
4,4'-DDD	20	87.62	0.0135	0.089	3
Endrin Aldehyde	20	87.62	0.0112	ND	NLE
4,4'-DDT	20	87.62	0.0247	ND	2
Endosulfan-Sulfate	20	87.62	0.0090	ND	NLE
gamma -Chlordane	20	87.62	0.0112	0.016	NLE
alpha-Chlordane	20	87.62	0.0112	ND	NLE
Toxaphene	20	87.62	0.0067	ND	0.1
Arochlor 1016	20	87.62	0.2511	ND	0.49
Arochlor 1221	20	87.62	0.4619	ND	0.49
Arochlor 1232	20	87.62	0.3139	ND	0.49
Arochlor 1242	20	87.62	0.3588	ND	0.49
Arochlor 1248	20	87.62	0.1435	ND	0.49
Arochlor 1254	20	87.62	0.0897	ND	0.49
Arochlor 1260	20	87.62	0.0807	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002716

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4394.22
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/5/99
	Bldg. 173	**Extraction Date:**	4/6/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/7/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
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	88.15	0.0068	ND	NLE
beta-BHC	20	88.15	0.0068	ND	NLE
gamma-BHC	20	88.15	0.0090	ND	0.52
delta-BHC	20	88.15	0.0090	ND	NLE
Heptachlor	20	88.15	0.0068	ND	0.15
Aldrin	20	88.15	0.0090	ND	0.04
Heptachlor Epoxide	20	88.15	0.0135	ND	NLE
Endosulfan I	20	88.15	0.0113	ND	NLE
4,4'-DDE	20	88.15	0.0090	0.053	2
Dieldrin	20	88.15	0.0113	0.019	0.042
Endrin	20	88.15	0.0113	ND	17
Endosulfan II	20	88.15	0.0090	ND	NLE
4,4'-DDD	20	88.15	0.0135	0.039	3
Endrin Aldehyde	20	88.15	0.0113	ND	NLE
4,4'-DDT	20	88.15	0.0248	0.110	2
Endosulfan-Sulfate	20	88.15	0.0090	ND	NLE
gamma -Chlordane	20	88.15	0.0113	0.018	NLE
alpha-Chlordane	20	88.15	0.0113	0.014	NLE
Toxaphene	20	88.15	0.0068	ND	0.1
Arochlor 1016	20	88.15	0.2521	ND	0.49
Arochlor 1221	20	88.15	0.4637	ND	0.49
Arochlor 1232	20	88.15	0.3151	ND	0.49
Arochlor 1242	20	88.15	0.3601	ND	0.49
Arochlor 1248	20	88.15	0.1441	ND	0.49
Arochlor 1254	20	88.15	0.0900	ND	0.49
Arochlor 1260	20	88.15	0.0810	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002717

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4394.26
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/5/99
	Bldg. 173	**Extraction Date:**	4/6/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/7/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
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	77.94	0.0076	ND	NLE
beta-BHC	20	77.94	0.0076	ND	NLE
gamma-BHC	20	77.94	0.0101	ND	0.52
delta-BHC	20	77.94	0.0101	ND	NLE
Heptachlor	20	77.94	0.0076	ND	0.15
Aldrin	20	77.94	0.0101	ND	0.04
Heptachlor Epoxide	20	77.94	0.0151	ND	NLE
Endosulfan I	20	77.94	0.0126	ND	NLE
4,4'-DDE	20	77.94	0.0101	0.069	2
Dieldrin	20	77.94	0.0126	0.018	0.042
Endrin	20	77.94	0.0126	ND	17
Endosulfan II	20	77.94	0.0101	ND	NLE
4,4'-DDD	20	77.94	0.0151	0.035	3
Endrin Aldehyde	20	77.94	0.0126	ND	NLE
4,4'-DDT	20	77.94	0.0277	0.039	2
Endosulfan-Sulfate	20	77.94	0.0101	ND	NLE
gamma -Chlordane	20	77.94	0.0126	ND	NLE
alpha-Chlordane	20	77.94	0.0126	ND	NLE
Toxaphene	20	77.94	0.0076	ND	0.1
Arochlor 1016	5	77.94	0.0706	ND	0.49
Arochlor 1221	5	77.94	0.1298	ND	0.49
Arochlor 1232	5	77.94	0.0882	ND	0.49
Arochlor 1242	5	77.94	0.1008	ND	0.49
Arochlor 1248	5	77.94	0.0403	ND	0.49
Arochlor 1254	5	77.94	0.0252	ND	0.49
Arochlor 1260	5	77.94	0.0227	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002718

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4349.28
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/5/99
	Bldg. 173	**Extraction Date:**	4/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/7/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
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	85.93	0.0069	ND	NLE
beta-BHC	20	85.93	0.0069	ND	NLE
gamma-BHC	20	85.93	0.0092	ND	0.52
delta-BHC	20	85.93	0.0092	ND	NLE
Heptachlor	20	85.93	0.0069	ND	0.15
Aldrin	20	85.93	0.0092	ND	0.04
Heptachlor Epoxide	20	85.93	0.0138	ND	NLE
Endosulfan I	20	85.93	0.0115	ND	NLE
4,4'-DDE	20	85.93	0.0092	0.032	2
Dieldrin	20	85.93	0.0115	ND	0.042
Endrin	20	85.93	0.0115	ND	17
Endosulfan II	20	85.93	0.0092	ND	NLE
4,4'-DDD	20	85.93	0.0138	0.015	3
Endrin Aldehyde	20	85.93	0.0115	ND	NLE
4,4'-DDT	20	85.93	0.0252	0.048	2
Endosulfan-Sulfate	20	85.93	0.0092	ND	NLE
gamma -Chlordane	20	85.93	0.0115	ND	NLE
alpha-Chlordane	20	85.93	0.0115	ND	NLE
Toxaphene	20	85.93	0.0069	ND	0.1
Arochlor 1016	20	85.93	0.2571	ND	0.49
Arochlor 1221	20	85.93	0.4728	ND	0.49
Arochlor 1232	20	85.93	0.3213	ND	0.49
Arochlor 1242	20	85.93	0.3673	ND	0.49
Arochlor 1248	20	85.93	0.1469	ND	0.49
Arochlor 1254	20	85.93	0.0918	ND	0.49
Arochlor 1260	20	85.93	0.0826	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002719

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4394.30
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/5/99
	Bldg. 173	**Extraction Date:**	4/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/7/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
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	86.35	0.0069	ND	NLE
beta-BHC	20	86.35	0.0069	ND	NLE
gamma-BHC	20	86.35	0.0092	0.013	0.52
delta-BHC	20	86.35	0.0092	ND	NLE
Heptachlor	20	86.35	0.0069	1.267	0.15
Aldrin	20	86.35	0.0092	ND	0.04
Heptachlor Epoxide	20	86.35	0.0138	0.482	NLE
Endosulfan I	20	86.35	0.0115	ND	NLE
4,4'-DDE	20	86.35	0.0092	0.071	2
Dieldrin	20	86.35	0.0115	ND	0.042
Endrin	20	86.35	0.0115	0.290	17
Endosulfan II	20	86.35	0.0092	ND	NLE
4,4'-DDD	20	86.35	0.0138	0.156	3
Endrin Aldehyde	20	86.35	0.0115	ND	NLE
4,4'-DDT	20	86.35	0.0253	1.025	2
Endosulfan-Sulfate	20	86.35	0.0092	ND	NLE
gamma -Chlordane	100	86.35	0.0574	7.144	NLE
alpha-Chlordane	100	86.35	0.0574	7.929	NLE
Toxaphene	20	86.35	0.0069	ND	0.1
Arochlor 1016	20	86.35	0.2571	ND	0.49
Arochlor 1221	20	86.35	0.4729	ND	0.49
Arochlor 1232	20	86.35	0.3214	ND	0.49
Arochlor 1242	20	86.35	0.3673	ND	0.49
Arochlor 1248	20	86.35	0.1469	ND	0.49
Arochlor 1254	20	86.35	0.0918	ND	0.49
Arochlor 1260	20	86.35	0.0826	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002720

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4394.32
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/5/99
	Bldg. 173	**Extraction Date:**	4/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/7/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
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	87.10	0.0068	ND	NLE
beta-BHC	20	87.10	0.0068	ND	NLE
gamma-BHC	20	87.10	0.0090	ND	0.52
delta-BHC	20	87.10	0.0090	ND	NLE
Heptachlor	20	87.10	0.0068	ND	0.15
Aldrin	20	87.10	0.0090	ND	0.04
Heptachlor Epoxide	20	87.10	0.0135	ND	NLE
Endosulfan I	20	87.10	0.0113	ND	NLE
4,4'-DDE	20	87.10	0.0090	0.197	2
Dieldrin	20	87.10	0.0113	ND	0.042
Endrin	20	87.10	0.0113	ND	17
Endosulfan II	20	87.10	0.0090	ND	NLE
4,4'-DDD	20	87.10	0.0135	0.056	3
Endrin Aldehyde	20	87.10	0.0113	ND	NLE
4,4'-DDT	20	87.10	0.0248	0.257	2
Endosulfan-Sulfate	20	87.10	0.0090	ND	NLE
gamma -Chlordane	20	87.10	0.0113	0.021	NLE
alpha-Chlordane	20	87.10	0.0113	0.020	NLE
Toxaphene	20	87.10	0.0068	ND	0.1
Arochlor 1016	20	87.10	0.2521	ND	0.49
Arochlor 1221	20	87.10	0.4637	ND	0.49
Arochlor 1232	20	87.10	0.3152	ND	0.49
Arochlor 1242	20	87.10	0.3602	ND	0.49
Arochlor 1248	20	87.10	0.1441	ND	0.49
Arochlor 1254	20	87.10	0.0900	ND	0.49
Arochlor 1260	20	87.10	0.0810	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002721

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4394.34
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/5/99
	Bldg. 173	**Extraction Date:**	4/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/7/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
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	89.59	0.0066	ND	NLE
beta-BHC	20	89.59	0.0066	ND	NLE
gamma-BHC	20	89.59	0.0088	ND	0.52
delta-BHC	20	89.59	0.0088	ND	NLE
Heptachlor	20	89.59	0.0066	ND	0.15
Aldrin	20	89.59	0.0088	ND	0.04
Heptachlor Epoxide	20	89.59	0.0132	ND	NLE
Endosulfan I	20	89.59	0.0110	ND	NLE
4,4'-DDE	20	89.59	0.0088	0.044	2
Dieldrin	20	89.59	0.0110	ND	0.042
Endrin	20	89.59	0.0110	ND	17
Endosulfan II	20	89.59	0.0088	ND	NLE
4,4'-DDD	20	89.59	0.0132	0.080	3
Endrin Aldehyde	20	89.59	0.0110	ND	NLE
4,4'-DDT	20	89.59	0.0242	0.181	2
Endosulfan-Sulfate	20	89.59	0.0088	ND	NLE
gamma -Chlordane	20	89.59	0.0110	0.028	NLE
alpha-Chlordane	20	89.59	0.0110	0.018	NLE
Toxaphene	20	89.59	0.0066	ND	0.1
Arochlor 1016	20	89.59	0.2468	ND	0.49
Arochlor 1221	20	89.59	0.4540	ND	0.49
Arochlor 1232	20	89.59	0.3085	ND	0.49
Arochlor 1242	20	89.59	0.3526	ND	0.49
Arochlor 1248	20	89.59	0.1410	ND	0.49
Arochlor 1254	20	89.59	0.0881	ND	0.49
Arochlor 1260	20	89.59	0.0793	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002722

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4394.36
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/5/99
	Bldg. 173	**Extraction Date:**	4/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/7/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	120

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	90.25	0.0065	ND	NLE
beta-BHC	20	90.25	0.0065	ND	NLE
gamma-BHC	20	90.25	0.0087	ND	0.52
delta-BHC	20	90.25	0.0087	ND	NLE
Heptachlor	20	90.25	0.0065	ND	0.15
Aldrin	20	90.25	0.0087	ND	0.04
Heptachlor Epoxide	20	90.25	0.0131	ND	NLE
Endosulfan I	20	90.25	0.0109	ND	NLE
4,4'-DDE	20	90.25	0.0087	ND	2
Dieldrin	20	90.25	0.0109	ND	0.042
Endrin	20	90.25	0.0109	ND	17
Endosulfan II	20	90.25	0.0087	ND	NLE
4,4'-DDD	20	90.25	0.0131	ND	3
Endrin Aldehyde	20	90.25	0.0109	ND	NLE
4,4'-DDT	20	90.25	0.0240	ND	2
Endosulfan-Sulfate	20	90.25	0.0087	ND	NLE
gamma -Chlordane	20	90.25	0.0109	ND	NLE
alpha-Chlordane	20	90.25	0.0109	ND	NLE
Toxaphene	20	90.25	0.0065	ND	0.1
Arochlor 1016	1	90.25	0.0122	ND	0.49
Arochlor 1221	1	90.25	0.0225	ND	0.49
Arochlor 1232	1	90.25	0.0153	ND	0.49
Arochlor 1242	1	90.25	0.0175	ND	0.49
Arochlor 1248	1	90.25	0.0070	ND	0.49
Arochlor 1254	1	90.25	0.0044	ND	0.49
Arochlor 1260	5	90.25	0.0196	3.406	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002723

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4394.38
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/5/99
	Bldg. 173	**Extraction Date:**	4/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/7/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	121

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	87.29	0.0068	ND	NLE
beta-BHC	20	87.29	0.0068	ND	NLE
gamma-BHC	20	87.29	0.0090	ND	0.52
delta-BHC	20	87.29	0.0090	ND	NLE
Heptachlor	20	87.29	0.0068	ND	0.15
Aldrin	20	87.29	0.0090	ND	0.04
Heptachlor Epoxide	20	87.29	0.0135	ND	NLE
Endosulfan I	20	87.29	0.0113	ND	NLE
4,4'-DDE	20	87.29	0.0090	0.030	2
Dieldrin	20	87.29	0.0113	0.012	0.042
Endrin	20	87.29	0.0113	ND	17
Endosulfan II	20	87.29	0.0090	ND	NLE
4,4'-DDD	20	87.29	0.0135	0.026	3
Endrin Aldehyde	20	87.29	0.0113	ND	NLE
4,4'-DDT	20	87.29	0.0248	ND	2
Endosulfan-Sulfate	20	87.29	0.0090	ND	NLE
gamma -Chlordane	20	87.29	0.0113	ND	NLE
alpha-Chlordane	20	87.29	0.0113	ND	NLE
Toxaphene	20	87.29	0.0068	ND	0.1
Arochlor 1016	20	87.29	0.2528	ND	0.49
Arochlor 1221	20	87.29	0.4650	ND	0.49
Arochlor 1232	20	87.29	0.3160	ND	0.49
Arochlor 1242	20	87.29	0.3612	ND	0.49
Arochlor 1248	20	87.29	0.1445	ND	0.49
Arochlor 1254	20	87.29	0.0903	ND	0.49
Arochlor 1260	20	87.29	0.0813	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002724

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4394.40
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/5/99
	Bldg. 173	**Extraction Date:**	4/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/7/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	122

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	91.21	0.0065	ND	NLE
beta-BHC	20	91.21	0.0065	ND	NLE
gamma-BHC	20	91.21	0.0087	ND	0.52
delta-BHC	20	91.21	0.0087	ND	NLE
Heptachlor	20	91.21	0.0065	ND	0.15
Aldrin	20	91.21	0.0087	ND	0.04
Heptachlor Epoxide	20	91.21	0.0130	ND	NLE
Endosulfan I	20	91.21	0.0109	ND	NLE
4,4'-DDE	20	91.21	0.0087	0.022	2
Dieldrin	20	91.21	0.0109	ND	0.042
Endrin	20	91.21	0.0109	ND	17
Endosulfan II	20	91.21	0.0087	ND	NLE
4,4'-DDD	20	91.21	0.0130	0.022	3
Endrin Aldehyde	20	91.21	0.0109	ND	NLE
4,4'-DDT	20	91.21	0.0239	0.074	2
Endosulfan-Sulfate	20	91.21	0.0087	ND	NLE
gamma -Chlordane	20	91.21	0.0109	ND	NLE
alpha-Chlordane	20	91.21	0.0109	ND	NLE
Toxaphene	20	91.21	0.0065	ND	0.1
Arochlor 1016	20	91.21	0.2434	ND	0.49
Arochlor 1221	20	91.21	0.4477	ND	0.49
Arochlor 1232	20	91.21	0.3042	ND	0.49
Arochlor 1242	20	91.21	0.3477	ND	0.49
Arochlor 1248	20	91.21	0.1391	ND	0.49
Arochlor 1254	20	91.21	0.0869	ND	0.49
Arochlor 1260	20	91.21	0.0782	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002725

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4394.42
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/5/99
	Bldg. 173	**Extraction Date:**	4/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/7/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	123

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	75.54	0.0078	ND	NLE
beta-BHC	20	75.54	0.0078	ND	NLE
gamma-BHC	20	75.54	0.0105	ND	0.52
delta-BHC	20	75.54	0.0105	ND	NLE
Heptachlor	20	75.54	0.0078	ND	0.15
Aldrin	20	75.54	0.0105	ND	0.04
Heptachlor Epoxide	20	75.54	0.0157	ND	NLE
Endosulfan I	20	75.54	0.0131	ND	NLE
4,4'-DDE	20	75.54	0.0105	0.036	2
Dieldrin	20	75.54	0.0131	ND	0.042
Endrin	20	75.54	0.0131	ND	17
Endosulfan II	20	75.54	0.0105	ND	NLE
4,4'-DDD	20	75.54	0.0157	0.059	3
Endrin Aldehyde	20	75.54	0.0131	ND	NLE
4,4'-DDT	20	75.54	0.0288	0.075	2
Endosulfan-Sulfate	20	75.54	0.0105	ND	NLE
gamma -Chlordane	20	75.54	0.0131	ND	NLE
alpha-Chlordane	20	75.54	0.0131	ND	NLE
Toxaphene	20	75.54	0.0078	ND	0.1
Arochlor 1016	5	75.54	0.0733	ND	0.49
Arochlor 1221	5	75.54	0.1347	ND	0.49
Arochlor 1232	5	75.54	0.0916	ND	0.49
Arochlor 1242	5	75.54	0.1046	ND	0.49
Arochlor 1248	5	75.54	0.0419	ND	0.49
Arochlor 1254	5	75.54	0.0262	ND	0.49
Arochlor 1260	5	75.54	0.0235	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002726

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4394.44
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/5/99
	Bldg. 173	**Extraction Date:**	4/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/7/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	124

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	89.21	0.0067	ND	NLE
beta-BHC	20	89.21	0.0067	ND	NLE
gamma-BHC	20	89.21	0.0090	ND	0.52
delta-BHC	20	89.21	0.0090	ND	NLE
Heptachlor	20	89.21	0.0067	ND	0.15
Aldrin	20	89.21	0.0090	ND	0.04
Heptachlor Epoxide	20	89.21	0.0134	ND	NLE
Endosulfan I	20	89.21	0.0112	ND	NLE
4,4'-DDE	20	89.21	0.0090	0.027	2
Dieldrin	20	89.21	0.0112	ND	0.042
Endrin	20	89.21	0.0112	ND	17
Endosulfan II	20	89.21	0.0090	ND	NLE
4,4'-DDD	20	89.21	0.0134	0.020	3
Endrin Aldehyde	20	89.21	0.0112	ND	NLE
4,4'-DDT	20	89.21	0.0246	0.062	2
Endosulfan-Sulfate	20	89.21	0.0090	ND	NLE
gamma -Chlordane	20	89.21	0.0112	ND	NLE
alpha-Chlordane	20	89.21	0.0112	ND	NLE
Toxaphene	20	89.21	0.0067	ND	0.1
Arochlor 1016	1	89.21	0.0125	ND	0.49
Arochlor 1221	1	89.21	0.0231	ND	0.49
Arochlor 1232	1	89.21	0.0157	ND	0.49
Arochlor 1242	1	89.21	0.0179	ND	0.49
Arochlor 1248	1	89.21	0.0072	ND	0.49
Arochlor 1254	1	89.21	0.0045	ND	0.49
Arochlor 1260	1	89.21	0.0040	0.665	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002727

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4401.02
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/8/99
	Bldg. 173	**Extraction Date:**	4/12/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/6/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	125

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	89.05	0.0067	ND	NLE
beta-BHC	20	89.05	0.0067	ND	NLE
gamma-BHC	20	89.05	0.0089	ND	0.52
delta-BHC	20	89.05	0.0089	ND	NLE
Heptachlor	20	89.05	0.0067	ND	0.15
Aldrin	20	89.05	0.0089	ND	0.04
Heptachlor Epoxide	20	89.05	0.0133	ND	NLE
Endosulfan I	20	89.05	0.0111	ND	NLE
4,4'-DDE	20	89.05	0.0089	0.079	2
Dieldrin	20	89.05	0.0111	ND	0.042
Endrin	20	89.05	0.0111	ND	17
Endosulfan II	20	89.05	0.0089	ND	NLE
4,4'-DDD	20	89.05	0.0133	0.031	3
Endrin Aldehyde	20	89.05	0.0111	ND	NLE
4,4'-DDT	20	89.05	0.0244	0.162	2
Endosulfan-Sulfate	20	89.05	0.0089	ND	NLE
gamma -Chlordane	20	89.05	0.0111	ND	NLE
alpha-Chlordane	20	89.05	0.0111	ND	NLE
Toxaphene	20	89.05	0.0067	ND	0.1
Arochlor 1016	20	89.05	0.2486	ND	0.49
Arochlor 1221	20	89.05	0.4572	ND	0.49
Arochlor 1232	20	89.05	0.3107	ND	0.49
Arochlor 1242	20	89.05	0.3551	ND	0.49
Arochlor 1248	20	89.05	0.1420	ND	0.49
Arochlor 1254	20	89.05	0.0888	ND	0.49
Arochlor 1260	20	89.05	0.0799	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002728

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4401.04
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/8/99
	Bldg. 173	**Extraction Date:**	4/12/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/6/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	126

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	88.78	0.0066	ND	NLE
beta-BHC	20	88.78	0.0066	ND	NLE
gamma-BHC	20	88.78	0.0088	ND	0.52
delta-BHC	20	88.78	0.0088	ND	NLE
Heptachlor	20	88.78	0.0066	ND	0.15
Aldrin	20	88.78	0.0088	ND	0.04
Heptachlor Epoxide	20	88.78	0.0132	ND	NLE
Endosulfan I	20	88.78	0.0110	ND	NLE
4,4'-DDE	20	88.78	0.0088	0.119	2
Dieldrin	20	88.78	0.0110	ND	0.042
Endrin	20	88.78	0.0110	ND	17
Endosulfan II	20	88.78	0.0088	ND	NLE
4,4'-DDD	20	88.78	0.0132	0.050	3
Endrin Aldehyde	20	88.78	0.0110	ND	NLE
4,4'-DDT	20	88.78	0.0242	0.194	2
Endosulfan-Sulfate	20	88.78	0.0088	ND	NLE
gamma -Chlordane	20	88.78	0.0110	0.019	NLE
alpha-Chlordane	20	88.78	0.0110	0.019	NLE
Toxaphene	20	88.78	0.0066	ND	0.1
Arochlor 1016	20	88.78	0.2466	ND	0.49
Arochlor 1221	20	88.78	0.4536	ND	0.49
Arochlor 1232	20	88.78	0.3083	ND	0.49
Arochlor 1242	20	88.78	0.3523	ND	0.49
Arochlor 1248	20	88.78	0.1409	ND	0.49
Arochlor 1254	20	88.78	0.0881	ND	0.49
Arochlor 1260	20	88.78	0.0793	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002729

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4401.06
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/8/99
	Bldg. 173	**Extraction Date:**	4/12/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/6/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	127

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	0.0087	ND	0.52
delta-BHC	20	91.63	0.0087	ND	NLE
Heptachlor	20	91.63	0.0065	ND	0.15
Aldrin	20	91.63	0.0087	ND	0.04
Heptachlor Epoxide	20	91.63	0.0130	ND	NLE
Endosulfan I	20	91.63	0.0108	ND	NLE
4,4'-DDE	20	91.63	0.0087	0.042	2
Dieldrin	20	91.63	0.0108	ND	0.042
Endrin	20	91.63	0.0108	ND	17
Endosulfan II	20	91.63	0.0087	ND	NLE
4,4'-DDD	20	91.63	0.0130	ND	3
Endrin Aldehyde	20	91.63	0.0108	ND	NLE
4,4'-DDT	20	91.63	0.0238	0.029	2
Endosulfan-Sulfate	20	91.63	0.0087	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	0.2425	ND	0.49
Arochlor 1221	20	91.63	0.4461	ND	0.49
Arochlor 1232	20	91.63	0.3032	ND	0.49
Arochlor 1242	20	91.63	0.3465	ND	0.49
Arochlor 1248	20	91.63	0.1386	ND	0.49
Arochlor 1254	20	91.63	0.0866	ND	0.49
Arochlor 1260	20	91.63	0.0780	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002730

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4401.08
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/8/99
	Bldg. 173	**Extraction Date:**	4/12/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/6/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	128

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	87.08	0.0068	ND	NLE
beta-BHC	20	87.08	0.0068	ND	NLE
gamma-BHC	20	87.08	0.0090	ND	0.52
delta-BHC	20	87.08	0.0090	ND	NLE
Heptachlor	20	87.08	0.0068	ND	0.15
Aldrin	20	87.08	0.0090	ND	0.04
Heptachlor Epoxide	20	87.08	0.0135	ND	NLE
Endosulfan I	20	87.08	0.0113	ND	NLE
4,4'-DDE	20	87.08	0.0090	0.275	2
Dieldrin	20	87.08	0.0113	ND	0.042
Endrin	20	87.08	0.0113	ND	17
Endosulfan II	20	87.08	0.0090	ND	NLE
4,4'-DDD	20	87.08	0.0135	0.184	3
Endrin Aldehyde	20	87.08	0.0113	ND	NLE
4,4'-DDT	20	87.08	0.0248	0.394	2
Endosulfan-Sulfate	20	87.08	0.0090	ND	NLE
gamma -Chlordane	20	87.08	0.0113	0.027	NLE
alpha-Chlordane	20	87.08	0.0113	0.022	NLE
Toxaphene	20	87.08	0.0068	ND	0.1
Arochlor 1016	20	87.08	0.2527	ND	0.49
Arochlor 1221	20	87.08	0.4648	ND	0.49
Arochlor 1232	20	87.08	0.3159	ND	0.49
Arochlor 1242	20	87.08	0.3610	ND	0.49
Arochlor 1248	20	87.08	0.1444	ND	0.49
Arochlor 1254	20	87.08	0.0902	ND	0.49
Arochlor 1260	20	87.08	0.0812	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002731

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4401.10
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/8/99
	Bldg. 173	**Extraction Date:**	4/12/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/6/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	129

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	87.26	0.0068	ND	NLE
beta-BHC	20	87.26	0.0068	ND	NLE
gamma-BHC	20	87.26	0.0090	ND	0.52
delta-BHC	20	87.26	0.0090	ND	NLE
Heptachlor	20	87.26	0.0068	ND	0.15
Aldrin	20	87.26	0.0090	ND	0.04
Heptachlor Epoxide	20	87.26	0.0135	ND	NLE
Endosulfan I	20	87.26	0.0113	ND	NLE
4,4'-DDE	20	87.26	0.0090	0.071	2
Dieldrin	20	87.26	0.0113	ND	0.042
Endrin	20	87.26	0.0113	ND	17
Endosulfan II	20	87.26	0.0090	ND	NLE
4,4'-DDD	20	87.26	0.0135	0.096	3
Endrin Aldehyde	20	87.26	0.0113	ND	NLE
4,4'-DDT	20	87.26	0.0248	0.040	2
Endosulfan-Sulfate	20	87.26	0.0090	ND	NLE
gamma -Chlordane	20	87.26	0.0113	0.031	NLE
alpha-Chlordane	20	87.26	0.0113	0.016	NLE
Toxaphene	20	87.26	0.0068	ND	0.1
Arochlor 1016	20	87.26	0.2527	ND	0.49
Arochlor 1221	20	87.26	0.4647	ND	0.49
Arochlor 1232	20	87.26	0.3158	ND	0.49
Arochlor 1242	20	87.26	0.3609	ND	0.49
Arochlor 1248	20	87.26	0.1444	ND	0.49
Arochlor 1254	20	87.26	0.0902	ND	0.49
Arochlor 1260	20	87.26	0.0812	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002732

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4401.12
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/8/99
	Bldg. 173	**Extraction Date:**	4/12/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/6/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	130

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	88.13	0.0068	ND	NLE
beta-BHC	20	88.13	0.0068	ND	NLE
gamma-BHC	20	88.13	0.0091	ND	0.52
delta-BHC	20	88.13	0.0091	ND	NLE
Heptachlor	20	88.13	0.0068	ND	0.15
Aldrin	20	88.13	0.0091	ND	0.04
Heptachlor Epoxide	20	88.13	0.0136	ND	NLE
Endosulfan I	20	88.13	0.0113	ND	NLE
4,4'-DDE	20	88.13	0.0091	0.093	2
Dieldrin	20	88.13	0.0113	ND	0.042
Endrin	20	88.13	0.0113	ND	17
Endosulfan II	20	88.13	0.0091	ND	NLE
4,4'-DDD	20	88.13	0.0136	0.038	3
Endrin Aldehyde	20	88.13	0.0113	ND	NLE
4,4'-DDT	20	88.13	0.0250	ND	2
Endosulfan-Sulfate	20	88.13	0.0091	ND	NLE
gamma -Chlordane	20	88.13	0.0113	ND	NLE
alpha-Chlordane	20	88.13	0.0113	ND	NLE
Toxaphene	20	88.13	0.0068	ND	0.1
Arochlor 1016	20	88.13	0.2542	ND	0.49
Arochlor 1221	20	88.13	0.4675	ND	0.49
Arochlor 1232	20	88.13	0.3177	ND	0.49
Arochlor 1242	20	88.13	0.3631	ND	0.49
Arochlor 1248	20	88.13	0.1452	ND	0.49
Arochlor 1254	20	88.13	0.0908	ND	0.49
Arochlor 1260	20	88.13	0.0817	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4401.14
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/8/99
	Bldg. 173	**Extraction Date:**	4/12/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/6/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	131

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	88.52	0.0066	ND	NLE
beta-BHC	20	88.52	0.0066	ND	NLE
gamma-BHC	20	88.52	0.0088	ND	0.52
delta-BHC	20	88.52	0.0088	ND	NLE
Heptachlor	20	88.52	0.0066	ND	0.15
Aldrin	20	88.52	0.0088	ND	0.04
Heptachlor Epoxide	20	88.52	0.0131	ND	NLE
Endosulfan I	20	88.52	0.0109	ND	NLE
4,4'-DDE	20	88.52	0.0088	0.041	2
Dieldrin	20	88.52	0.0109	ND	0.042
Endrin	20	88.52	0.0109	ND	17
Endosulfan II	20	88.52	0.0088	ND	NLE
4,4'-DDD	20	88.52	0.0131	0.025	3
Endrin Aldehyde	20	88.52	0.0109	ND	NLE
4,4'-DDT	20	88.52	0.0241	ND	2
Endosulfan-Sulfate	20	88.52	0.0088	ND	NLE
gamma -Chlordane	20	88.52	0.0109	0.089	NLE
alpha-Chlordane	20	88.52	0.0109	0.087	NLE
Toxaphene	20	88.52	0.0066	ND	0.1
Arochlor 1016	20	88.52	0.2452	ND	0.49
Arochlor 1221	20	88.52	0.4510	ND	0.49
Arochlor 1232	20	88.52	0.3065	ND	0.49
Arochlor 1242	20	88.52	0.3503	ND	0.49
Arochlor 1248	20	88.52	0.1401	ND	0.49
Arochlor 1254	20	88.52	0.0876	ND	0.49
Arochlor 1260	20	88.52	0.0788	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002734

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4401.16
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/8/99
	Bldg. 173	**Extraction Date:**	4/12/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/7/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	132

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	77.42	0.0076	ND	NLE
beta-BHC	20	77.42	0.0076	ND	NLE
gamma-BHC	20	77.42	0.0101	ND	0.52
delta-BHC	20	77.42	0.0101	ND	NLE
Heptachlor	20	77.42	0.0076	ND	0.15
Aldrin	20	77.42	0.0101	ND	0.04
Heptachlor Epoxide	20	77.42	0.0152	ND	NLE
Endosulfan I	20	77.42	0.0127	ND	NLE
4,4'-DDE	20	77.42	0.0101	0.011	2
Dieldrin	20	77.42	0.0127	ND	0.042
Endrin	20	77.42	0.0127	ND	17
Endosulfan II	20	77.42	0.0101	ND	NLE
4,4'-DDD	20	77.42	0.0152	ND	3
Endrin Aldehyde	20	77.42	0.0127	ND	NLE
4,4'-DDT	20	77.42	0.0279	ND	2
Endosulfan-Sulfate	20	77.42	0.0101	ND	NLE
gamma -Chlordane	20	77.42	0.0127	ND	NLE
alpha-Chlordane	20	77.42	0.0127	ND	NLE
Toxaphene	20	77.42	0.0076	ND	0.1
Arochlor 1016	5	77.42	0.0710	ND	0.49
Arochlor 1221	5	77.42	0.1306	ND	0.49
Arochlor 1232	5	77.42	0.0887	ND	0.49
Arochlor 1242	5	77.42	0.1014	ND	0.49
Arochlor 1248	5	77.42	0.0406	ND	0.49
Arochlor 1254	5	77.42	0.0254	ND	0.49
Arochlor 1260	5	77.42	0.0228	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002735

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4401.18
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/8/99
	Bldg. 173	**Extraction Date:**	4/12/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/7/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	133

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	91.42	0.0063	ND	NLE
beta-BHC	20	91.42	0.0063	ND	NLE
gamma-BHC	20	91.42	0.0084	ND	0.52
delta-BHC	20	91.42	0.0084	ND	NLE
Heptachlor	20	91.42	0.0063	ND	0.15
Aldrin	20	91.42	0.0084	ND	0.04
Heptachlor Epoxide	20	91.42	0.0126	ND	NLE
Endosulfan I	20	91.42	0.0105	ND	NLE
4,4'-DDE	20	91.42	0.0084	0.017	2
Dieldrin	20	91.42	0.0105	ND	0.042
Endrin	20	91.42	0.0105	ND	17
Endosulfan II	20	91.42	0.0084	ND	NLE
4,4'-DDD	20	91.42	0.0126	ND	3
Endrin Aldehyde	20	91.42	0.0105	ND	NLE
4,4'-DDT	20	91.42	0.0232	0.025	2
Endosulfan-Sulfate	20	91.42	0.0084	ND	NLE
gamma -Chlordane	20	91.42	0.0105	ND	NLE
alpha-Chlordane	20	91.42	0.0105	ND	NLE
Toxaphene	20	91.42	0.0063	ND	0.1
Arochlor 1016	20	91.42	0.2361	ND	0.49
Arochlor 1221	20	91.42	0.4342	ND	0.49
Arochlor 1232	20	91.42	0.2951	ND	0.49
Arochlor 1242	20	91.42	0.3372	ND	0.49
Arochlor 1248	20	91.42	0.1349	ND	0.49
Arochlor 1254	20	91.42	0.0843	ND	0.49
Arochlor 1260	20	91.42	0.0759	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide. 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4401.20
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/8/99
	Bldg. 173	**Extraction Date:**	4/12/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/7/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	134

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	80.66	0.0073	ND	NLE
beta-BHC	20	80.66	0.0073	ND	NLE
gamma-BHC	20	80.66	0.0097	ND	0.52
delta-BHC	20	80.66	0.0097	ND	NLE
Heptachlor	20	80.66	0.0073	ND	0.15
Aldrin	20	80.66	0.0097	ND	0.04
Heptachlor Epoxide	20	80.66	0.0146	ND	NLE
Endosulfan I	20	80.66	0.0121	ND	NLE
4,4'-DDE	20	80.66	0.0097	0.078	2
Dieldrin	20	80.66	0.0121	ND	0.042
Endrin	20	80.66	0.0121	ND	17
Endosulfan II	20	80.66	0.0097	ND	NLE
4,4'-DDD	20	80.66	0.0146	0.060	3
Endrin Aldehyde	20	80.66	0.0121	ND	NLE
4,4'-DDT	20	80.66	0.0267	0.091	2
Endosulfan-Sulfate	20	80.66	0.0097	ND	NLE
gamma -Chlordane	20	80.66	0.0121	0.018	NLE
alpha-Chlordane	20	80.66	0.0121	0.014	NLE
Toxaphene	20	80.66	0.0073	ND	0.1
Arochlor 1016	5	80.66	0.0679	ND	0.49
Arochlor 1221	5	80.66	0.1249	ND	0.49
Arochlor 1232	5	80.66	0.0849	ND	0.49
Arochlor 1242	5	80.66	0.0970	ND	0.49
Arochlor 1248	5	80.66	0.0388	ND	0.49
Arochlor 1254	5	80.66	0.0243	ND	0.49
Arochlor 1260	5	80.66	0.0218	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002737

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4401.22
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/8/99
	Bldg. 173	**Extraction Date:**	4/12/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/7/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	135

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	70.69	0.0082	ND	NLE
beta-BHC	20	70.69	0.0082	ND	NLE
gamma-BHC	20	70.69	0.0109	ND	0.52
delta-BHC	20	70.69	0.0109	ND	NLE
Heptachlor	20	70.69	0.0082	ND	0.15
Aldrin	20	70.69	0.0109	ND	0.04
Heptachlor Epoxide	20	70.69	0.0164	ND	NLE
Endosulfan I	20	70.69	0.0137	ND	NLE
4,4'-DDE	20	70.69	0.0109	0.697	2
Dieldrin	20	70.69	0.0137	ND	0.042
Endrin	20	70.69	0.0137	ND	17
Endosulfan II	20	70.69	0.0109	ND	NLE
4,4'-DDD	40	70.69	0.0328	3.857	3
Endrin Aldehyde	20	70.69	0.0137	ND	NLE
4,4'-DDT	20	70.69	0.0301	1.261	2
Endosulfan-Sulfate	20	70.69	0.0109	ND	NLE
gamma -Chlordane	20	70.69	0.0137	0.296	NLE
alpha-Chlordane	20	70.69	0.0137	0.200	NLE
Toxaphene	20	70.69	0.0082	ND	0.1
Arochlor 1016	5	70.69	0.0765	ND	0.49
Arochlor 1221	5	70.69	0.1408	ND	0.49
Arochlor 1232	5	70.69	0.0957	ND	0.49
Arochlor 1242	5	70.69	0.1093	ND	0.49
Arochlor 1248	5	70.69	0.0437	ND	0.49
Arochlor 1254	5	70.69	0.0273	ND	0.49
Arochlor 1260	5	70.69	0.0246	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002738

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4401.24
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/8/99
	Bldg. 173	**Extraction Date:**	4/12/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/7/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	136

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	90.23	0.0065	ND	NLE
beta-BHC	20	90.23	0.0065	ND	NLE
gamma-BHC	20	90.23	0.0087	ND	0.52
delta-BHC	20	90.23	0.0087	ND	NLE
Heptachlor	20	90.23	0.0065	ND	0.15
Aldrin	20	90.23	0.0087	ND	0.04
Heptachlor Epoxide	20	90.23	0.0130	ND	NLE
Endosulfan I	20	90.23	0.0108	ND	NLE
4,4'-DDE	20	90.23	0.0087	0.010	2
Dieldrin	20	90.23	0.0108	ND	0.042
Endrin	20	90.23	0.0108	ND	17
Endosulfan II	20	90.23	0.0087	ND	NLE
4,4'-DDD	20	90.23	0.0130	ND	3
Endrin Aldehyde	20	90.23	0.0108	ND	NLE
4,4'-DDT	20	90.23	0.0239	ND	2
Endosulfan-Sulfate	20	90.23	0.0087	ND	NLE
gamma -Chlordane	20	90.23	0.0108	ND	NLE
alpha-Chlordane	20	90.23	0.0108	ND	NLE
Toxaphene	20	90.23	0.0065	ND	0.1
Arochlor 1016	20	90.23	0.2429	ND	0.49
Arochlor 1221	20	90.23	0.4468	ND	0.49
Arochlor 1232	20	90.23	0.3036	ND	0.49
Arochlor 1242	20	90.23	0.3470	ND	0.49
Arochlor 1248	20	90.23	0.1388	ND	0.49
Arochlor 1254	20	90.23	0.0868	ND	0.49
Arochlor 1260	20	90.23	0.0781	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002739

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4401.26
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/8/99
	Bldg. 173	**Extraction Date:**	4/12/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/7/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	137

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	70.11	0.0083	ND	NLE
beta-BHC	20	70.11	0.0083	ND	NLE
gamma-BHC	20	70.11	0.0111	ND	0.52
delta-BHC	20	70.11	0.0111	ND	NLE
Heptachlor	20	70.11	0.0083	ND	0.15
Aldrin	20	70.11	0.0111	ND	0.04
Heptachlor Epoxide	20	70.11	0.0167	ND	NLE
Endosulfan I	20	70.11	0.0139	ND	NLE
4,4'-DDE	20	70.11	0.0111	0.402	2
Dieldrin	20	70.11	0.0139	ND	0.042
Endrin	20	70.11	0.0139	ND	17
Endosulfan II	20	70.11	0.0111	ND	NLE
4,4'-DDD	20	70.11	0.0167	1.179	3
Endrin Aldehyde	20	70.11	0.0139	ND	NLE
4,4'-DDT	20	70.11	0.0306	1.381	2
Endosulfan-Sulfate	20	70.11	0.0111	ND	NLE
gamma -Chlordane	20	70.11	0.0139	0.075	NLE
alpha-Chlordane	20	70.11	0.0139	0.055	NLE
Toxaphene	20	70.11	0.0083	ND	0.1
Arochlor 1016	5	70.11	0.0779	ND	0.49
Arochlor 1221	5	70.11	0.1433	ND	0.49
Arochlor 1232	5	70.11	0.0974	ND	0.49
Arochlor 1242	5	70.11	0.1113	ND	0.49
Arochlor 1248	5	70.11	0.0445	ND	0.49
Arochlor 1254	5	70.11	0.0278	ND	0.49
Arochlor 1260	5	70.11	0.0250	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002740

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4401.28
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/8/99
	Bldg. 173	**Extraction Date:**	4/12/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/7/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	138

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	86.38	0.0068	ND	NLE
beta-BHC	20	86.38	0.0068	ND	NLE
gamma-BHC	20	86.38	0.0091	ND	0.52
delta-BHC	20	86.38	0.0091	ND	NLE
Heptachlor	20	86.38	0.0068	ND	0.15
Aldrin	20	86.38	0.0091	ND	0.04
Heptachlor Epoxide	20	86.38	0.0136	ND	NLE
Endosulfan I	20	86.38	0.0113	ND	NLE
4,4'-DDE	20	86.38	0.0091	0.061	2
Dieldrin	20	86.38	0.0113	ND	0.042
Endrin	20	86.38	0.0113	ND	17
Endosulfan II	20	86.38	0.0091	ND	NLE
4,4'-DDD	20	86.38	0.0136	0.067	3
Endrin Aldehyde	20	86.38	0.0113	ND	NLE
4,4'-DDT	20	86.38	0.0249	0.027	2
Endosulfan-Sulfate	20	86.38	0.0091	ND	NLE
gamma -Chlordane	20	86.38	0.0113	ND	NLE
alpha-Chlordane	20	86.38	0.0113	ND	NLE
Toxaphene	20	86.38	0.0068	ND	0.1
Arochlor 1016	20	86.38	0.2535	ND	0.49
Arochlor 1221	20	86.38	0.4662	ND	0.49
Arochlor 1232	20	86.38	0.3169	ND	0.49
Arochlor 1242	20	86.38	0.3621	ND	0.49
Arochlor 1248	20	86.38	0.1449	ND	0.49
Arochlor 1254	20	86.38	0.0905	ND	0.49
Arochlor 1260	20	86.38	0.0815	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002741

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4401.30
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/8/99
	Bldg. 173	**Extraction Date:**	4/12/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/7/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	139

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	88.75	0.0066	ND	NLE
beta-BHC	20	88.75	0.0066	ND	NLE
gamma-BHC	20	88.75	0.0087	ND	0.52
delta-BHC	20	88.75	0.0087	ND	NLE
Heptachlor	20	88.75	0.0066	ND	0.15
Aldrin	20	88.75	0.0087	ND	0.04
Heptachlor Epoxide	20	88.75	0.0131	ND	NLE
Endosulfan I	20	88.75	0.0109	ND	NLE
4,4'-DDE	20	88.75	0.0087	0.113	2
Dieldrin	20	88.75	0.0109	ND	0.042
Endrin	20	88.75	0.0109	ND	17
Endosulfan II	20	88.75	0.0087	ND	NLE
4,4'-DDD	20	88.75	0.0131	0.194	3
Endrin Aldehyde	20	88.75	0.0109	ND	NLE
4,4'-DDT	20	88.75	0.0240	0.045	2
Endosulfan-Sulfate	20	88.75	0.0087	ND	NLE
gamma -Chlordane	20	88.75	0.0109	ND	NLE
alpha-Chlordane	20	88.75	0.0109	ND	NLE
Toxaphene	20	88.75	0.0066	ND	0.1
Arochlor 1016	20	88.75	0.2448	ND	0.49
Arochlor 1221	20	88.75	0.4503	ND	0.49
Arochlor 1232	20	88.75	0.3060	ND	0.49
Arochlor 1242	20	88.75	0.3497	ND	0.49
Arochlor 1248	20	88.75	0.1399	ND	0.49
Arochlor 1254	20	88.75	0.0874	ND	0.49
Arochlor 1260	20	88.75	0.0787	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002742

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4401.32
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/8/99
	Bldg. 173	**Extraction Date:**	4/12/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/7/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	140

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	79.15	0.0074	ND	NLE
beta-BHC	20	79.15	0.0074	ND	NLE
gamma-BHC	20	79.15	0.0098	ND	0.52
delta-BHC	20	79.15	0.0098	ND	NLE
Heptachlor	20	79.15	0.0074	ND	0.15
Aldrin	20	79.15	0.0098	ND	0.04
Heptachlor Epoxide	20	79.15	0.0148	ND	NLE
Endosulfan I	20	79.15	0.0123	ND	NLE
4,4'-DDE	20	79.15	0.0098	0.064	2
Dieldrin	20	79.15	0.0123	ND	0.042
Endrin	20	79.15	0.0123	ND	17
Endosulfan II	20	79.15	0.0098	ND	NLE
4,4'-DDD	20	79.15	0.0148	ND	3
Endrin Aldehyde	20	79.15	0.0123	ND	NLE
4,4'-DDT	20	79.15	0.0271	0.341	2
Endosulfan-Sulfate	20	79.15	0.0098	ND	NLE
gamma -Chlordane	20	79.15	0.0123	ND	NLE
alpha-Chlordane	20	79.15	0.0123	ND	NLE
Toxaphene	20	79.15	0.0074	ND	0.1
Arochlor 1016	1	79.15	0.0138	ND	0.49
Arochlor 1221	1	79.15	0.0253	ND	0.49
Arochlor 1232	1	79.15	0.0172	ND	0.49
Arochlor 1242	1	79.15	0.0197	ND	0.49
Arochlor 1248	1	79.15	0.0079	ND	0.49
Arochlor 1254	1	79.15	0.0049	ND	0.49
Arochlor 1260	1	79.15	0.0044	1.416	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002743

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4401.34
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/8/99
	Bldg. 173	**Extraction Date:**	4/12/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/7/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	141

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	84.51	0.0069	ND	NLE
beta-BHC	20	84.51	0.0069	ND	NLE
gamma-BHC	20	84.51	0.0092	ND	0.52
delta-BHC	20	84.51	0.0092	ND	NLE
Heptachlor	20	84.51	0.0069	ND	0.15
Aldrin	20	84.51	0.0092	ND	0.04
Heptachlor Epoxide	20	84.51	0.0139	ND	NLE
Endosulfan I	20	84.51	0.0116	ND	NLE
4,4'-DDE	20	84.51	0.0092	ND	2
Dieldrin	20	84.51	0.0116	ND	0.042
Endrin	20	84.51	0.0116	ND	17
Endosulfan II	20	84.51	0.0092	ND	NLE
4,4'-DDD	20	84.51	0.0139	ND	3
Endrin Aldehyde	20	84.51	0.0116	ND	NLE
4,4'-DDT	20	84.51	0.0254	ND	2
Endosulfan-Sulfate	20	84.51	0.0092	ND	NLE
gamma -Chlordane	20	84.51	0.0116	ND	NLE
alpha-Chlordane	20	84.51	0.0116	ND	NLE
Toxaphene	20	84.51	0.0069	ND	0.1
Arochlor 1016	20	84.51	0.2588	ND	0.49
Arochlor 1221	20	84.51	0.4761	ND	0.49
Arochlor 1232	20	84.51	0.3236	ND	0.49
Arochlor 1242	20	84.51	0.3698	ND	0.49
Arochlor 1248	20	84.51	0.1479	ND	0.49
Arochlor 1254	20	84.51	0.0924	ND	0.49
Arochlor 1260	20	84.51	0.0832	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002744

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4401.36
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/8/99
	Bldg. 173	**Extraction Date:**	4/12/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/7/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	142

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	86.36	0.0069	ND	NLE
beta-BHC	20	86.36	0.0069	ND	NLE
gamma-BHC	20	86.36	0.0091	ND	0.52
delta-BHC	20	86.36	0.0091	ND	NLE
Heptachlor	20	86.36	0.0069	ND	0.15
Aldrin	20	86.36	0.0091	ND	0.04
Heptachlor Epoxide	20	86.36	0.0137	ND	NLE
Endosulfan I	20	86.36	0.0114	ND	NLE
4,4'-DDE	20	86.36	0.0091	0.061	2
Dieldrin	20	86.36	0.0114	ND	0.042
Endrin	20	86.36	0.0114	ND	17
Endosulfan II	20	86.36	0.0091	ND	NLE
4,4'-DDD	20	86.36	0.0137	0.066	3
Endrin Aldehyde	20	86.36	0.0114	ND	NLE
4,4'-DDT	20	86.36	0.0251	0.056	2
Endosulfan-Sulfate	20	86.36	0.0091	ND	NLE
gamma -Chlordane	20	86.36	0.0114	0.038	NLE
alpha-Chlordane	20	86.36	0.0114	0.027	NLE
Toxaphene	20	86.36	0.0069	ND	0.1
Arochlor 1016	20	86.36	0.2558	ND	0.49
Arochlor 1221	20	86.36	0.4705	ND	0.49
Arochlor 1232	20	86.36	0.3197	ND	0.49
Arochlor 1242	20	86.36	0.3654	ND	0.49
Arochlor 1248	20	86.36	0.1462	ND	0.49
Arochlor 1254	20	86.36	0.0914	ND	0.49
Arochlor 1260	20	86.36	0.0822	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4401.42
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/8/99
	Bldg. 173	**Extraction Date:**	4/12/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/11/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	143

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	92.08	0.0064	ND	NLE
beta-BHC	20	92.08	0.0064	ND	NLE
gamma-BHC	20	92.08	0.0086	ND	0.52
delta-BHC	20	92.08	0.0086	ND	NLE
Heptachlor	20	92.08	0.0064	ND	0.15
Aldrin	20	92.08	0.0086	ND	0.04
Heptachlor Epoxide	20	92.08	0.0129	ND	NLE
Endosulfan I	20	92.08	0.0107	ND	NLE
4,4'-DDE	20	92.08	0.0086	0.020	2
Dieldrin	20	92.08	0.0107	0.017	0.042
Endrin	20	92.08	0.0107	ND	17
Endosulfan II	20	92.08	0.0086	ND	NLE
4,4'-DDD	20	92.08	0.0129	0.021	3
Endrin Aldehyde	20	92.08	0.0107	ND	NLE
4,4'-DDT	20	92.08	0.0236	ND	2
Endosulfan-Sulfate	20	92.08	0.0086	ND	NLE
gamma -Chlordane	20	92.08	0.0107	0.044	NLE
alpha-Chlordane	20	92.08	0.0107	0.038	NLE
Toxaphene	20	92.08	0.0064	ND	0.1
Arochlor 1016	20	92.08	0.2401	ND	0.49
Arochlor 1221	20	92.08	0.4417	ND	0.49
Arochlor 1232	20	92.08	0.3002	ND	0.49
Arochlor 1242	20	92.08	0.3431	ND	0.49
Arochlor 1248	20	92.08	0.1372	ND	0.49
Arochlor 1254	20	92.08	0.0858	ND	0.49
Arochlor 1260	20	92.08	0.0772	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002746

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4401.44
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/8/99
	Bldg. 173	**Extraction Date:**	4/12/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/12/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	144

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	89.24	0.0067	ND	NLE
beta-BHC	20	89.24	0.0067	ND	NLE
gamma-BHC	20	89.24	0.0089	ND	0.52
delta-BHC	20	89.24	0.0089	ND	NLE
Heptachlor	20	89.24	0.0067	ND	0.15
Aldrin	20	89.24	0.0089	ND	0.04
Heptachlor Epoxide	20	89.24	0.0134	ND	NLE
Endosulfan I	20	89.24	0.0111	ND	NLE
4,4'-DDE	20	89.24	0.0089	0.287	2
Dieldrin	20	89.24	0.0111	ND	0.042
Endrin	20	89.24	0.0111	ND	17
Endosulfan II	20	89.24	0.0089	ND	NLE
4,4'-DDD	20	89.24	0.0134	ND	3
Endrin Aldehyde	20	89.24	0.0111	ND	NLE
4,4'-DDT	20	89.24	0.0245	ND	2
Endosulfan-Sulfate	20	89.24	0.0089	ND	NLE
gamma -Chlordane	20	89.24	0.0111	ND	NLE
alpha-Chlordane	20	89.24	0.0111	ND	NLE
Toxaphene	20	89.24	0.0067	ND	0.1
Arochlor 1016	20	89.24	0.2495	ND	0.49
Arochlor 1221	20	89.24	0.4589	ND	0.49
Arochlor 1232	20	89.24	0.3119	ND	0.49
Arochlor 1242	20	89.24	0.3564	ND	0.49
Arochlor 1248	20	89.24	0.1426	ND	0.49
Arochlor 1254	20	89.24	0.0891	ND	0.49
Arochlor 1260	20	89.24	0.0802	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002747

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4401.46
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/8/99
	Bldg. 173	**Extraction Date:**	4/12/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/12/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	145

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	91.35	0.0064	ND	NLE
beta-BHC	20	91.35	0.0064	ND	NLE
gamma-BHC	20	91.35	0.0085	ND	0.52
delta-BHC	20	91.35	0.0085	ND	NLE
Heptachlor	20	91.35	0.0064	ND	0.15
Aldrin	20	91.35	0.0085	ND	0.04
Heptachlor Epoxide	20	91.35	0.0127	ND	NLE
Endosulfan I	20	91.35	0.0106	ND	NLE
4,4'-DDE	20	91.35	0.0085	0.032	2
Dieldrin	20	91.35	0.0106	ND	0.042
Endrin	20	91.35	0.0106	ND	17
Endosulfan II	20	91.35	0.0085	ND	NLE
4,4'-DDD	20	91.35	0.0127	0.054	3
Endrin Aldehyde	20	91.35	0.0106	ND	NLE
4,4'-DDT	20	91.35	0.0233	0.102	2
Endosulfan-Sulfate	20	91.35	0.0085	ND	NLE
gamma -Chlordane	20	91.35	0.0106	0.018	NLE
alpha-Chlordane	20	91.35	0.0106	0.024	NLE
Toxaphene	20	91.35	0.0064	ND	0.1
Arochlor 1016	20	91.35	0.2371	ND	0.49
Arochlor 1221	20	91.35	0.4362	ND	0.49
Arochlor 1232	20	91.35	0.2964	ND	0.49
Arochlor 1242	20	91.35	0.3388	ND	0.49
Arochlor 1248	20	91.35	0.1355	ND	0.49
Arochlor 1254	20	91.35	0.0847	ND	0.49
Arochlor 1260	20	91.35	0.0762	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002748

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4405.02
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/9/99
	Bldg. 173	**Extraction Date:**	4/12/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/13/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	146

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	89.06	0.0067	ND	NLE
beta-BHC	20	89.06	0.0067	ND	NLE
gamma-BHC	20	89.06	0.0090	ND	0.52
delta-BHC	20	89.06	0.0090	ND	NLE
Heptachlor	20	89.06	0.0067	ND	0.15
Aldrin	20	89.06	0.0090	ND	0.04
Heptachlor Epoxide	20	89.06	0.0134	ND	NLE
Endosulfan I	20	89.06	0.0112	ND	NLE
4,4'-DDE	20	89.06	0.0090	0.052	2
Dieldrin	20	89.06	0.0112	ND	0.042
Endrin	20	89.06	0.0112	ND	17
Endosulfan II	20	89.06	0.0090	ND	NLE
4,4'-DDD	20	89.06	0.0134	0.031	3
Endrin Aldehyde	20	89.06	0.0112	ND	NLE
4,4'-DDT	20	89.06	0.0247	0.136	2
Endosulfan-Sulfate	20	89.06	0.0090	ND	NLE
gamma -Chlordane	20	89.06	0.0112	ND	NLE
alpha-Chlordane	20	89.06	0.0112	ND	NLE
Toxaphene	20	89.06	0.0067	ND	0.1
Arochlor 1016	20	89.06	0.2510	ND	0.49
Arochlor 1221	20	89.06	0.4617	ND	0.49
Arochlor 1232	20	89.06	0.3138	ND	0.49
Arochlor 1242	20	89.06	0.3586	ND	0.49
Arochlor 1248	20	89.06	0.1434	ND	0.49
Arochlor 1254	20	89.06	0.0896	ND	0.49
Arochlor 1260	20	89.06	0.0807	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002749

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4405.04
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/9/99
	Bldg. 173	**Extraction Date:**	4/12/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/11/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	147

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	72.27	0.0082	ND	NLE
beta-BHC	20	72.27	0.0082	ND	NLE
gamma-BHC	20	72.27	0.0110	ND	0.52
delta-BHC	20	72.27	0.0110	ND	NLE
Heptachlor	20	72.27	0.0082	ND	0.15
Aldrin	20	72.27	0.0110	ND	0.04
Heptachlor Epoxide	20	72.27	0.0165	ND	NLE
Endosulfan I	20	72.27	0.0137	ND	NLE
4,4'-DDE	20	72.27	0.0110	0.481	2
Dieldrin	20	72.27	0.0137	ND	0.042
Endrin	20	72.27	0.0137	ND	17
Endosulfan II	20	72.27	0.0110	ND	NLE
4,4'-DDD	20	72.27	0.0165	0.616	3
Endrin Aldehyde	20	72.27	0.0137	ND	NLE
4,4'-DDT	20	72.27	0.0302	0.343	2
Endosulfan-Sulfate	20	72.27	0.0110	ND	NLE
gamma -Chlordane	20	72.27	0.0137	ND	NLE
alpha-Chlordane	20	72.27	0.0137	ND	NLE
Toxaphene	20	72.27	0.0082	ND	0.1
Arochlor 1016	5	72.27	0.0769	ND	0.49
Arochlor 1221	5	72.27	0.1415	ND	0.49
Arochlor 1232	5	72.27	0.0962	ND	0.49
Arochlor 1242	5	72.27	0.1099	ND	0.49
Arochlor 1248	5	72.27	0.0440	ND	0.49
Arochlor 1254	5	72.27	0.0275	ND	0.49
Arochlor 1260	5	72.27	0.0247	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002750

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4405.06
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/9/99
	Bldg. 173	**Extraction Date:**	4/12/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/11/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	148

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	86.00	0.0068	ND	NLE
beta-BHC	20	86.00	0.0068	ND	NLE
gamma-BHC	20	86.00	0.0090	ND	0.52
delta-BHC	20	86.00	0.0090	ND	NLE
Heptachlor	20	86.00	0.0068	ND	0.15
Aldrin	20	86.00	0.0090	ND	0.04
Heptachlor Epoxide	20	86.00	0.0135	ND	NLE
Endosulfan I	20	86.00	0.0113	ND	NLE
4,4'-DDE	20	86.00	0.0090	0.039	2
Dieldrin	20	86.00	0.0113	0.025	0.042
Endrin	20	86.00	0.0113	ND	17
Endosulfan II	20	86.00	0.0090	ND	NLE
4,4'-DDD	20	86.00	0.0135	0.035	3
Endrin Aldehyde	20	86.00	0.0113	ND	NLE
4,4'-DDT	20	86.00	0.0248	0.097	2
Endosulfan-Sulfate	20	86.00	0.0090	ND	NLE
gamma -Chlordane	20	86.00	0.0113	0.018	NLE
alpha-Chlordane	20	86.00	0.0113	0.018	NLE
Toxaphene	20	86.00	0.0068	ND	0.1
Arochlor 1016	20	86.00	0.2529	ND	0.49
Arochlor 1221	20	86.00	0.4651	ND	0.49
Arochlor 1232	20	86.00	0.3161	ND	0.49
Arochlor 1242	20	86.00	0.3613	ND	0.49
Arochlor 1248	20	86.00	0.1445	ND	0.49
Arochlor 1254	20	86.00	0.0903	ND	0.49
Arochlor 1260	20	86.00	0.0813	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002751

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4405.08
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/9/99
	Bldg. 173	**Extraction Date:**	4/12/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/11/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	149

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	84.38	0.0071	ND	NLE
beta-BHC	20	84.38	0.0071	ND	NLE
gamma-BHC	20	84.38	0.0095	ND	0.52
delta-BHC	20	84.38	0.0095	ND	NLE
Heptachlor	20	84.38	0.0071	ND	0.15
Aldrin	20	84.38	0.0095	ND	0.04
Heptachlor Epoxide	20	84.38	0.0142	ND	NLE
Endosulfan I	20	84.38	0.0119	ND	NLE
4,4'-DDE	20	84.38	0.0095	0.273	2
Dieldrin	20	84.38	0.0119	0.019	0.042
Endrin	20	84.38	0.0119	ND	17
Endosulfan II	20	84.38	0.0095	ND	NLE
4,4'-DDD	20	84.38	0.0142	0.267	3
Endrin Aldehyde	20	84.38	0.0119	ND	NLE
4,4'-DDT	20	84.38	0.0261	0.219	2
Endosulfan-Sulfate	20	84.38	0.0095	ND	NLE
gamma -Chlordane	20	84.38	0.0119	0.042	NLE
alpha-Chlordane	20	84.38	0.0119	0.046	NLE
Toxaphene	20	84.38	0.0071	ND	0.1
Arochlor 1016	20	84.38	0.2655	ND	0.49
Arochlor 1221	20	84.38	0.4883	ND	0.49
Arochlor 1232	20	84.38	0.3318	ND	0.49
Arochlor 1242	20	84.38	0.3792	ND	0.49
Arochlor 1248	20	84.38	0.1517	ND	0.49
Arochlor 1254	20	84.38	0.0948	ND	0.49
Arochlor 1260	20	84.38	0.0853	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002752

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4405.10
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/9/99
	Bldg. 173	**Extraction Date:**	4/12/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/11/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	150

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	87.31	0.0066	ND	NLE
beta-BHC	20	87.31	0.0066	ND	NLE
gamma-BHC	20	87.31	0.0088	ND	0.52
delta-BHC	20	87.31	0.0088	ND	NLE
Heptachlor	20	87.31	0.0066	ND	0.15
Aldrin	20	87.31	0.0088	ND	0.04
Heptachlor Epoxide	20	87.31	0.0132	ND	NLE
Endosulfan I	20	87.31	0.0110	ND	NLE
4,4'-DDE	20	87.31	0.0088	0.202	2
Dieldrin	20	87.31	0.0110	0.015	0.042
Endrin	20	87.31	0.0110	ND	17
Endosulfan II	20	87.31	0.0088	ND	NLE
4,4'-DDD	20	87.31	0.0132	0.135	3
Endrin Aldehyde	20	87.31	0.0110	ND	NLE
4,4'-DDT	20	87.31	0.0241	0.390	2
Endosulfan-Sulfate	20	87.31	0.0088	ND	NLE
gamma -Chlordane	20	87.31	0.0110	0.029	NLE
alpha-Chlordane	20	87.31	0.0110	0.036	NLE
Toxaphene	20	87.31	0.0066	ND	0.1
Arochlor 1016	20	87.31	0.2457	ND	0.49
Arochlor 1221	20	87.31	0.4520	ND	0.49
Arochlor 1232	20	87.31	0.3072	ND	0.49
Arochlor 1242	20	87.31	0.3511	ND	0.49
Arochlor 1248	20	87.31	0.1404	ND	0.49
Arochlor 1254	20	87.31	0.0878	ND	0.49
Arochlor 1260	20	87.31	0.0790	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4405.12
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/9/99
	Bldg. 173	**Extraction Date:**	4/12/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/11/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	151

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	86.67	0.0068	ND	NLE
beta-BHC	20	86.67	0.0068	ND	NLE
gamma-BHC	20	86.67	0.0091	ND	0.52
delta-BHC	20	86.67	0.0091	ND	NLE
Heptachlor	20	86.67	0.0068	ND	0.15
Aldrin	20	86.67	0.0091	ND	0.04
Heptachlor Epoxide	20	86.67	0.0137	ND	NLE
Endosulfan I	20	86.67	0.0114	ND	NLE
4,4'-DDE	20	86.67	0.0091	0.039	2
Dieldrin	20	86.67	0.0114	ND	0.042
Endrin	20	86.67	0.0114	ND	17
Endosulfan II	20	86.67	0.0091	ND	NLE
4,4'-DDD	20	86.67	0.0137	0.091	3
Endrin Aldehyde	20	86.67	0.0114	ND	NLE
4,4'-DDT	20	86.67	0.0251	0.038	2
Endosulfan-Sulfate	20	86.67	0.0091	ND	NLE
gamma -Chlordane	20	86.67	0.0114	0.018	NLE
alpha-Chlordane	20	86.67	0.0114	0.016	NLE
Toxaphene	20	86.67	0.0068	ND	0.1
Arochlor 1016	20	86.67	0.2551	ND	0.49
Arochlor 1221	20	86.67	0.4693	ND	0.49
Arochlor 1232	20	86.67	0.3189	ND	0.49
Arochlor 1242	20	86.67	0.3645	ND	0.49
Arochlor 1248	20	86.67	0.1458	ND	0.49
Arochlor 1254	20	86.67	0.0911	ND	0.49
Arochlor 1260	20	86.67	0.0820	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002754

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4405.14
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/9/99
	Bldg. 173	**Extraction Date:**	4/12/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/11/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	152

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	88.63	0.0065	ND	NLE
beta-BHC	20	88.63	0.0065	ND	NLE
gamma-BHC	20	88.63	0.0087	ND	0.52
delta-BHC	20	88.63	0.0087	ND	NLE
Heptachlor	20	88.63	0.0065	ND	0.15
Aldrin	20	88.63	0.0087	ND	0.04
Heptachlor Epoxide	20	88.63	0.0130	ND	NLE
Endosulfan I	20	88.63	0.0108	ND	NLE
4,4'-DDE	20	88.63	0.0087	0.012	2
Dieldrin	20	88.63	0.0108	0.016	0.042
Endrin	20	88.63	0.0108	ND	17
Endosulfan II	20	88.63	0.0087	ND	NLE
4,4'-DDD	20	88.63	0.0130	ND	3
Endrin Aldehyde	20	88.63	0.0108	ND	NLE
4,4'-DDT	20	88.63	0.0239	0.040	2
Endosulfan-Sulfate	20	88.63	0.0087	ND	NLE
gamma -Chlordane	20	88.63	0.0108	ND	NLE
alpha-Chlordane	20	88.63	0.0108	ND	NLE
Toxaphene	20	88.63	0.0065	ND	0.1
Arochlor 1016	20	88.63	0.2430	ND	0.49
Arochlor 1221	20	88.63	0.4470	ND	0.49
Arochlor 1232	20	88.63	0.3038	ND	0.49
Arochlor 1242	20	88.63	0.3472	ND	0.49
Arochlor 1248	20	88.63	0.1389	ND	0.49
Arochlor 1254	20	88.63	0.0868	ND	0.49
Arochlor 1260	20	88.63	0.0781	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4405.16
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/9/99
	Bldg. 173	**Extraction Date:**	4/12/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/11/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	153

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	85.98	0.0070	ND	NLE
beta-BHC	20	85.98	0.0070	ND	NLE
gamma-BHC	20	85.98	0.0093	ND	0.52
delta-BHC	20	85.98	0.0093	ND	NLE
Heptachlor	20	85.98	0.0070	ND	0.15
Aldrin	20	85.98	0.0093	ND	0.04
Heptachlor Epoxide	20	85.98	0.0139	ND	NLE
Endosulfan I	20	85.98	0.0116	ND	NLE
4,4'-DDE	20	85.98	0.0093	ND	2
Dieldrin	20	85.98	0.0116	ND	0.042
Endrin	20	85.98	0.0116	ND	17
Endosulfan II	20	85.98	0.0093	ND	NLE
4,4'-DDD	20	85.98	0.0139	ND	3
Endrin Aldehyde	20	85.98	0.0116	ND	NLE
4,4'-DDT	20	85.98	0.0255	ND	2
Endosulfan-Sulfate	20	85.98	0.0093	ND	NLE
gamma -Chlordane	20	85.98	0.0116	ND	NLE
alpha-Chlordane	20	85.98	0.0116	ND	NLE
Toxaphene	20	85.98	0.0070	ND	0.1
Arochlor 1016	1	85.98	0.0130	ND	0.49
Arochlor 1221	1	85.98	0.0239	ND	0.49
Arochlor 1232	1	85.98	0.0162	ND	0.49
Arochlor 1242	1	85.98	0.0186	ND	0.49
Arochlor 1248	1	85.98	0.0074	ND	0.49
Arochlor 1254	1	85.98	0.0046	ND	0.49
Arochlor 1260	20	85.98	0.0835	20.060	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002756

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4405.18
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/9/99
	Bldg. 173	**Extraction Date:**	4/12/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/11/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	154

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	87.99	0.0067	ND	NLE
beta-BHC	20	87.99	0.0067	ND	NLE
gamma-BHC	20	87.99	0.0090	ND	0.52
delta-BHC	20	87.99	0.0090	ND	NLE
Heptachlor	20	87.99	0.0067	ND	0.15
Aldrin	20	87.99	0.0090	ND	0.04
Heptachlor Epoxide	20	87.99	0.0135	ND	NLE
Endosulfan I	20	87.99	0.0112	ND	NLE
4,4'-DDE	20	87.99	0.0090	0.077	2
Dieldrin	20	87.99	0.0112	0.014	0.042
Endrin	20	87.99	0.0112	ND	17
Endosulfan II	20	87.99	0.0090	ND	NLE
4,4'-DDD	20	87.99	0.0135	0.181	3
Endrin Aldehyde	20	87.99	0.0112	ND	NLE
4,4'-DDT	20	87.99	0.0247	0.028	2
Endosulfan-Sulfate	20	87.99	0.0090	ND	NLE
gamma -Chlordane	20	87.99	0.0112	0.014	NLE
alpha-Chlordane	20	87.99	0.0112	0.013	NLE
Toxaphene	20	87.99	0.0067	ND	0.1
Arochlor 1016	20	87.99	0.2513	ND	0.49
Arochlor 1221	20	87.99	0.4622	ND	0.49
Arochlor 1232	20	87.99	0.3141	ND	0.49
Arochlor 1242	20	87.99	0.3590	ND	0.49
Arochlor 1248	20	87.99	0.1436	ND	0.49
Arochlor 1254	20	87.99	0.0898	ND	0.49
Arochlor 1260	20	87.99	0.0808	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002757

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4405.20
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/9/99
	Bldg. 173	**Extraction Date:**	4/12/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/11/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	155

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	87.68	0.0066	ND	NLE
beta-BHC	20	87.68	0.0066	ND	NLE
gamma-BHC	20	87.68	0.0088	ND	0.52
delta-BHC	20	87.68	0.0088	ND	NLE
Heptachlor	20	87.68	0.0066	ND	0.15
Aldrin	20	87.68	0.0088	ND	0.04
Heptachlor Epoxide	20	87.68	0.0132	ND	NLE
Endosulfan I	20	87.68	0.0110	ND	NLE
4,4'-DDE	20	87.68	0.0088	0.063	2
Dieldrin	20	87.68	0.0110	0.016	0.042
Endrin	20	87.68	0.0110	ND	17
Endosulfan II	20	87.68	0.0088	ND	NLE
4,4'-DDD	20	87.68	0.0132	0.028	3
Endrin Aldehyde	20	87.68	0.0110	ND	NLE
4,4'-DDT	20	87.68	0.0243	0.154	2
Endosulfan-Sulfate	20	87.68	0.0088	ND	NLE
gamma -Chlordane	20	87.68	0.0110	0.012	NLE
alpha-Chlordane	20	87.68	0.0110	0.013	NLE
Toxaphene	20	87.68	0.0066	ND	0.1
Arochlor 1016	20	87.68	0.2473	ND	0.49
Arochlor 1221	20	87.68	0.4549	ND	0.49
Arochlor 1232	20	87.68	0.3091	ND	0.49
Arochlor 1242	20	87.68	0.3533	ND	0.49
Arochlor 1248	20	87.68	0.1413	ND	0.49
Arochlor 1254	20	87.68	0.0883	ND	0.49
Arochlor 1260	20	87.68	0.0795	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002758

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4405.22
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/9/99
	Bldg. 173	**Extraction Date:**	4/12/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/11/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	156

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	86.16	0.0069	ND	NLE
beta-BHC	20	86.16	0.0069	ND	NLE
gamma-BHC	20	86.16	0.0092	ND	0.52
delta-BHC	20	86.16	0.0092	ND	NLE
Heptachlor	20	86.16	0.0069	ND	0.15
Aldrin	20	86.16	0.0092	ND	0.04
Heptachlor Epoxide	20	86.16	0.0139	ND	NLE
Endosulfan I	20	86.16	0.0115	ND	NLE
4,4'-DDE	20	86.16	0.0092	0.057	2
Dieldrin	20	86.16	0.0115	ND	0.042
Endrin	20	86.16	0.0115	ND	17
Endosulfan II	20	86.16	0.0092	ND	NLE
4,4'-DDD	20	86.16	0.0139	0.032	3
Endrin Aldehyde	20	86.16	0.0115	ND	NLE
4,4'-DDT	20	86.16	0.0254	0.193	2
Endosulfan-Sulfate	20	86.16	0.0092	ND	NLE
gamma -Chlordane	20	86.16	0.0115	ND	NLE
alpha-Chlordane	20	86.16	0.0115	ND	NLE
Toxaphene	20	86.16	0.0069	ND	0.1
Arochlor 1016	20	86.16	0.2587	ND	0.49
Arochlor 1221	20	86.16	0.4758	ND	0.49
Arochlor 1232	20	86.16	0.3234	ND	0.49
Arochlor 1242	20	86.16	0.3696	ND	0.49
Arochlor 1248	20	86.16	0.1478	ND	0.49
Arochlor 1254	20	86.16	0.0924	ND	0.49
Arochlor 1260	20	86.16	0.0831	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4405.24
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/9/99
	Bldg. 173	**Extraction Date:**	4/12/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/11/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	157

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	84.39	0.0071	ND	NLE
beta-BHC	20	84.39	0.0071	ND	NLE
gamma-BHC	20	84.39	0.0094	ND	0.52
delta-BHC	20	84.39	0.0094	ND	NLE
Heptachlor	20	84.39	0.0071	ND	0.15
Aldrin	20	84.39	0.0094	ND	0.04
Heptachlor Epoxide	20	84.39	0.0141	ND	NLE
Endosulfan I	20	84.39	0.0118	ND	NLE
4,4'-DDE	20	84.39	0.0094	0.137	2
Dieldrin	20	84.39	0.0118	ND	0.042
Endrin	20	84.39	0.0118	ND	17
Endosulfan II	20	84.39	0.0094	ND	NLE
4,4'-DDD	20	84.39	0.0141	0.153	3
Endrin Aldehyde	20	84.39	0.0118	ND	NLE
4,4'-DDT	20	84.39	0.0259	0.057	2
Endosulfan-Sulfate	20	84.39	0.0094	ND	NLE
gamma -Chlordane	20	84.39	0.0118	0.083	NLE
alpha-Chlordane	20	84.39	0.0118	0.068	NLE
Toxaphene	20	84.39	0.0071	ND	0.1
Arochlor 1016	20	84.39	0.2639	ND	0.49
Arochlor 1221	20	84.39	0.4853	ND	0.49
Arochlor 1232	20	84.39	0.3298	ND	0.49
Arochlor 1242	20	84.39	0.3769	ND	0.49
Arochlor 1248	20	84.39	0.1508	ND	0.49
Arochlor 1254	20	84.39	0.0942	ND	0.49
Arochlor 1260	20	84.39	0.0848	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4413.02
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/13/99
	Bldg. 173	**Extraction Date:**	4/15/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/13/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	158

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	80.92	0.0074	ND	NLE
beta-BHC	20	80.92	0.0074	ND	NLE
gamma-BHC	20	80.92	0.0099	ND	0.52
delta-BHC	20	80.92	0.0099	ND	NLE
Heptachlor	20	80.92	0.0074	ND	0.15
Aldrin	20	80.92	0.0099	ND	0.04
Heptachlor Epoxide	20	80.92	0.0148	ND	NLE
Endosulfan I	20	80.92	0.0123	ND	NLE
4,4'-DDE	20	80.92	0.0099	ND	2
Dieldrin	20	80.92	0.0123	ND	0.042
Endrin	20	80.92	0.0123	ND	17
Endosulfan II	20	80.92	0.0099	ND	NLE
4,4'-DDD	20	80.92	0.0148	0.099	3
Endrin Aldehyde	20	80.92	0.0123	ND	NLE
4,4'-DDT	20	80.92	0.0271	ND	2
Endosulfan-Sulfate	20	80.92	0.0099	ND	NLE
gamma -Chlordane	20	80.92	0.0123	ND	NLE
alpha-Chlordane	20	80.92	0.0123	ND	NLE
Toxaphene	20	80.92	0.0074	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	4.634	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/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002761

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4413.04
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/13/99
	Bldg. 173	**Extraction Date:**	4/15/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/13/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	159

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	82.64	0.0071	ND	NLE
beta-BHC	20	82.64	0.0071	ND	NLE
gamma-BHC	20	82.64	0.0094	ND	0.52
delta-BHC	20	82.64	0.0094	ND	NLE
Heptachlor	20	82.64	0.0071	ND	0.15
Aldrin	20	82.64	0.0094	ND	0.04
Heptachlor Epoxide	20	82.64	0.0142	ND	NLE
Endosulfan I	20	82.64	0.0118	ND	NLE
4,4'-DDE	20	82.64	0.0094	0.077	2
Dieldrin	20	82.64	0.0118	0.021	0.042
Endrin	20	82.64	0.0118	ND	17
Endosulfan II	20	82.64	0.0094	ND	NLE
4,4'-DDD	20	82.64	0.0142	0.147	3
Endrin Aldehyde	20	82.64	0.0118	ND	NLE
4,4'-DDT	20	82.64	0.0260	0.073	2
Endosulfan-Sulfate	20	82.64	0.0094	ND	NLE
gamma -Chlordane	20	82.64	0.0118	0.088	NLE
alpha-Chlordane	20	82.64	0.0118	0.046	NLE
Toxaphene	20	82.64	0.0071	ND	0.1
Arochlor 1016	1	82.64	0.0132	ND	0.49
Arochlor 1221	1	82.64	0.0243	ND	0.49
Arochlor 1232	1	82.64	0.0165	ND	0.49
Arochlor 1242	1	82.64	0.0189	6.710	0.49
Arochlor 1248	1	82.64	0.0076	ND	0.49
Arochlor 1254	1	82.64	0.0047	ND	0.49
Arochlor 1260	1	82.64	0.0042	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002762

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4413.06
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/13/99
	Bldg. 173	**Extraction Date:**	4/15/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/13/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	160

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	72.42	0.0083	ND	NLE
beta-BHC	20	72.42	0.0083	ND	NLE
gamma-BHC	20	72.42	0.0110	ND	0.52
delta-BHC	20	72.42	0.0110	ND	NLE
Heptachlor	20	72.42	0.0083	ND	0.15
Aldrin	20	72.42	0.0110	ND	0.04
Heptachlor Epoxide	20	72.42	0.0165	ND	NLE
Endosulfan I	20	72.42	0.0138	ND	NLE
4,4'-DDE	20	72.42	0.0110	0.034	2
Dieldrin	20	72.42	0.0138	ND	0.042
Endrin	20	72.42	0.0138	ND	17
Endosulfan II	20	72.42	0.0110	ND	NLE
4,4'-DDD	20	72.42	0.0165	0.082	3
Endrin Aldehyde	20	72.42	0.0138	ND	NLE
4,4'-DDT	20	72.42	0.0303	ND	2
Endosulfan-Sulfate	20	72.42	0.0110	ND	NLE
gamma -Chlordane	20	72.42	0.0138	0.015	NLE
alpha-Chlordane	20	72.42	0.0138	ND	NLE
Toxaphene	20	72.42	0.0083	ND	0.1
Arochlor 1016	5	72.42	0.0772	ND	0.49
Arochlor 1221	5	72.42	0.1419	ND	0.49
Arochlor 1232	5	72.42	0.0965	ND	0.49
Arochlor 1242	5	72.42	0.1102	ND	0.49
Arochlor 1248	5	72.42	0.0441	ND	0.49
Arochlor 1254	5	72.42	0.0276	ND	0.49
Arochlor 1260	5	72.42	0.0248	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002763

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4413.08
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/13/99
	Bldg. 173	**Extraction Date:**	4/15/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/13/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	161

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	83.41	0.0070	ND	NLE
beta-BHC	20	83.41	0.0070	ND	NLE
gamma-BHC	20	83.41	0.0093	ND	0.52
delta-BHC	20	83.41	0.0093	ND	NLE
Heptachlor	20	83.41	0.0070	ND	0.15
Aldrin	20	83.41	0.0093	ND	0.04
Heptachlor Epoxide	20	83.41	0.0140	ND	NLE
Endosulfan I	20	83.41	0.0117	ND	NLE
4,4'-DDE	20	83.41	0.0093	0.025	2
Dieldrin	20	83.41	0.0117	ND	0.042
Endrin	20	83.41	0.0117	ND	17
Endosulfan II	20	83.41	0.0093	ND	NLE
4,4'-DDD	20	83.41	0.0140	0.031	3
Endrin Aldehyde	20	83.41	0.0117	ND	NLE
4,4'-DDT	20	83.41	0.0256	0.048	2
Endosulfan-Sulfate	20	83.41	0.0093	ND	NLE
gamma -Chlordane	20	83.41	0.0117	ND	NLE
alpha-Chlordane	20	83.41	0.0117	ND	NLE
Toxaphene	20	83.41	0.0070	ND	0.1
Arochlor 1016	20	83.41	0.2610	ND	0.49
Arochlor 1221	20	83.41	0.4800	ND	0.49
Arochlor 1232	20	83.41	0.3262	ND	0.49
Arochlor 1242	20	83.41	0.3728	ND	0.49
Arochlor 1248	20	83.41	0.1491	ND	0.49
Arochlor 1254	20	83.41	0.0932	ND	0.49
Arochlor 1260	20	83.41	0.0839	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

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Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4413.10
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/13/99
	Bldg. 173	**Extraction Date:**	4/15/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/13/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	162

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	81.74	0.0071	ND	NLE
beta-BHC	20	81.74	0.0071	ND	NLE
gamma-BHC	20	81.74	0.0095	ND	0.52
delta-BHC	20	81.74	0.0095	ND	NLE
Heptachlor	20	81.74	0.0071	ND	0.15
Aldrin	20	81.74	0.0095	ND	0.04
Heptachlor Epoxide	20	81.74	0.0143	ND	NLE
Endosulfan I	20	81.74	0.0119	ND	NLE
4,4'-DDE	20	81.74	0.0095	0.032	2
Dieldrin	20	81.74	0.0119	0.018	0.042
Endrin	20	81.74	0.0119	ND	17
Endosulfan II	20	81.74	0.0095	ND	NLE
4,4'-DDD	20	81.74	0.0143	0.049	3
Endrin Aldehyde	20	81.74	0.0119	ND	NLE
4,4'-DDT	20	81.74	0.0262	ND	2
Endosulfan-Sulfate	20	81.74	0.0095	ND	NLE
gamma -Chlordane	20	81.74	0.0119	0.051	NLE
alpha-Chlordane	20	81.74	0.0119	0.032	NLE
Toxaphene	20	81.74	0.0071	ND	0.1
Arochlor 1016	20	81.74	0.2663	ND	0.49
Arochlor 1221	20	81.74	0.4898	ND	0.49
Arochlor 1232	20	81.74	0.3329	ND	0.49
Arochlor 1242	20	81.74	0.3805	ND	0.49
Arochlor 1248	20	81.74	0.1522	ND	0.49
Arochlor 1254	20	81.74	0.0951	ND	0.49
Arochlor 1260	20	81.74	0.0856	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4413.12
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/13/99
	Bldg. 173	**Extraction Date:**	4/15/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/14/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	163

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	81.66	0.0072	ND	NLE
beta-BHC	20	81.66	0.0072	ND	NLE
gamma-BHC	20	81.66	0.0097	ND	0.52
delta-BHC	20	81.66	0.0097	ND	NLE
Heptachlor	20	81.66	0.0072	ND	0.15
Aldrin	20	81.66	0.0097	ND	0.04
Heptachlor Epoxide	20	81.66	0.0145	ND	NLE
Endosulfan I	20	81.66	0.0121	ND	NLE
4,4'-DDE	20	81.66	0.0097	0.033	2
Dieldrin	20	81.66	0.0121	0.055	0.042
Endrin	20	81.66	0.0121	ND	17
Endosulfan II	20	81.66	0.0097	ND	NLE
4,4'-DDD	20	81.66	0.0145	0.085	3
Endrin Aldehyde	20	81.66	0.0121	ND	NLE
4,4'-DDT	20	81.66	0.0265	ND	2
Endosulfan-Sulfate	20	81.66	0.0097	ND	NLE
gamma -Chlordane	20	81.66	0.0121	0.014	NLE
alpha-Chlordane	20	81.66	0.0121	ND	NLE
Toxaphene	20	81.66	0.0072	ND	0.1
Arochlor 1016	5	81.66	0.0676	ND	0.49
Arochlor 1221	5	81.66	0.1243	ND	0.49
Arochlor 1232	5	81.66	0.0845	ND	0.49
Arochlor 1242	5	81.66	0.0965	ND	0.49
Arochlor 1248	5	81.66	0.0386	ND	0.49
Arochlor 1254	5	81.66	0.0241	ND	0.49
Arochlor 1260	5	81.66	0.0217	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4413.14
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/13/99
	Bldg. 173	**Extraction Date:**	4/15/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/14/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	164

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	77.87	0.0077	ND	NLE
beta-BHC	20	77.87	0.0077	ND	NLE
gamma-BHC	20	77.87	0.0102	ND	0.52
delta-BHC	20	77.87	0.0102	ND	NLE
Heptachlor	20	77.87	0.0077	ND	0.15
Aldrin	20	77.87	0.0102	ND	0.04
Heptachlor Epoxide	20	77.87	0.0153	ND	NLE
Endosulfan I	20	77.87	0.0128	ND	NLE
4,4'-DDE	20	77.87	0.0102	ND	2
Dieldrin	20	77.87	0.0128	ND	0.042
Endrin	20	77.87	0.0128	ND	17
Endosulfan II	20	77.87	0.0102	ND	NLE
4,4'-DDD	20	77.87	0.0153	ND	3
Endrin Aldehyde	20	77.87	0.0128	ND	NLE
4,4'-DDT	20	77.87	0.0281	ND	2
Endosulfan-Sulfate	20	77.87	0.0102	ND	NLE
gamma -Chlordane	20	77.87	0.0128	ND	NLE
alpha-Chlordane	20	77.87	0.0128	ND	NLE
Toxaphene	20	77.87	0.0077	ND	0.1
Arochlor 1016	1	77.87	0.0143	ND	0.49
Arochlor 1221	1	77.87	0.0263	ND	0.49
Arochlor 1232	1	77.87	0.0179	ND	0.49
Arochlor 1242	1000	77.87	20.4652	5654.281	0.49
Arochlor 1248	1	77.87	0.0082	ND	0.49
Arochlor 1254	1	77.87	0.0051	ND	0.49
Arochlor 1260	1	77.87	0.0046	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

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Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4413.16
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/13/99
	Bldg. 173	**Extraction Date:**	4/15/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/14/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	165

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	44.15	0.0135	ND	NLE
beta-BHC	20	44.15	0.0135	ND	NLE
gamma-BHC	20	44.15	0.0180	ND	0.52
delta-BHC	20	44.15	0.0180	ND	NLE
Heptachlor	20	44.15	0.0135	ND	0.15
Aldrin	20	44.15	0.0180	ND	0.04
Heptachlor Epoxide	20	44.15	0.0270	ND	NLE
Endosulfan I	20	44.15	0.0225	ND	NLE
4,4'-DDE	20	44.15	0.0180	0.118	2
Dieldrin	20	44.15	0.0225	0.027	0.042
Endrin	20	44.15	0.0225	ND	17
Endosulfan II	20	44.15	0.0180	ND	NLE
4,4'-DDD	20	44.15	0.0270	0.201	3
Endrin Aldehyde	20	44.15	0.0225	ND	NLE
4,4'-DDT	20	44.15	0.0494	0.063	2
Endosulfan-Sulfate	20	44.15	0.0180	ND	NLE
gamma -Chlordane	20	44.15	0.0225	0.045	NLE
alpha-Chlordane	20	44.15	0.0225	0.026	NLE
Toxaphene	20	44.15	0.0135	ND	0.1
Arochlor 1016	5	44.15	0.1258	ND	0.49
Arochlor 1221	5	44.15	0.2314	ND	0.49
Arochlor 1232	5	44.15	0.1573	ND	0.49
Arochlor 1242	5	44.15	0.1798	ND	0.49
Arochlor 1248	5	44.15	0.0719	ND	0.49
Arochlor 1254	5	44.15	0.0449	ND	0.49
Arochlor 1260	5	44.15	0.0404	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4413.18
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/13/99
	Bldg. 173	**Extraction Date:**	4/15/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/14/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	166

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	81.06	0.0071	ND	NLE
beta-BHC	20	81.06	0.0071	ND	NLE
gamma-BHC	20	81.06	0.0095	ND	0.52
delta-BHC	20	81.06	0.0095	ND	NLE
Heptachlor	20	81.06	0.0071	ND	0.15
Aldrin	20	81.06	0.0095	ND	0.04
Heptachlor Epoxide	20	81.06	0.0142	ND	NLE
Endosulfan I	20	81.06	0.0119	ND	NLE
4,4'-DDE	20	81.06	0.0095	0.049	2
Dieldrin	20	81.06	0.0119	0.031	0.042
Endrin	20	81.06	0.0119	ND	17
Endosulfan II	20	81.06	0.0095	ND	NLE
4,4'-DDD	20	81.06	0.0142	0.134	3
Endrin Aldehyde	20	81.06	0.0119	ND	NLE
4,4'-DDT	20	81.06	0.0261	0.069	2
Endosulfan-Sulfate	20	81.06	0.0095	ND	NLE
gamma -Chlordane	20	81.06	0.0119	0.040	NLE
alpha-Chlordane	20	81.06	0.0119	0.025	NLE
Toxaphene	20	81.06	0.0071	ND	0.1
Arochlor 1016	20	81.06	0.2657	ND	0.49
Arochlor 1221	20	81.06	0.4887	ND	0.49
Arochlor 1232	20	81.06	0.3321	ND	0.49
Arochlor 1242	20	81.06	0.3796	ND	0.49
Arochlor 1248	20	81.06	0.1518	ND	0.49
Arochlor 1254	20	81.06	0.0949	ND	0.49
Arochlor 1260	20	81.06	0.0854	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002769

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4413.20
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/13/99
	Bldg. 173	**Extraction Date:**	4/15/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/14/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	167

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	0.0094	ND	0.52
delta-BHC	20	83.72	0.0094	ND	NLE
Heptachlor	20	83.72	0.0071	ND	0.15
Aldrin	20	83.72	0.0094	ND	0.04
Heptachlor Epoxide	20	83.72	0.0141	ND	NLE
Endosulfan I	20	83.72	0.0118	ND	NLE
4,4'-DDE	20	83.72	0.0094	0.072	2
Dieldrin	20	83.72	0.0118	ND	0.042
Endrin	20	83.72	0.0118	ND	17
Endosulfan II	20	83.72	0.0094	ND	NLE
4,4'-DDD	20	83.72	0.0141	0.078	3
Endrin Aldehyde	20	83.72	0.0118	ND	NLE
4,4'-DDT	20	83.72	0.0259	ND	2
Endosulfan-Sulfate	20	83.72	0.0094	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	0.2636	ND	0.49
Arochlor 1221	20	83.72	0.4848	ND	0.49
Arochlor 1232	20	83.72	0.3295	ND	0.49
Arochlor 1242	20	83.72	0.3766	ND	0.49
Arochlor 1248	20	83.72	0.1506	ND	0.49
Arochlor 1254	20	83.72	0.0941	ND	0.49
Arochlor 1260	20	83.72	0.0847	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002770

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4413.22
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/13/99
	Bldg. 173	**Extraction Date:**	4/15/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/14/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	168

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	81.59	0.0071	ND	NLE
beta-BHC	20	81.59	0.0071	ND	NLE
gamma-BHC	20	81.59	0.0095	ND	0.52
delta-BHC	20	81.59	0.0095	ND	NLE
Heptachlor	20	81.59	0.0071	ND	0.15
Aldrin	20	81.59	0.0095	ND	0.04
Heptachlor Epoxide	20	81.59	0.0142	ND	NLE
Endosulfan I	20	81.59	0.0118	ND	NLE
4,4'-DDE	20	81.59	0.0095	0.035	2
Dieldrin	20	81.59	0.0118	ND	0.042
Endrin	20	81.59	0.0118	ND	17
Endosulfan II	20	81.59	0.0095	ND	NLE
4,4'-DDD	20	81.59	0.0142	0.026	3
Endrin Aldehyde	20	81.59	0.0118	ND	NLE
4,4'-DDT	20	81.59	0.0260	ND	2
Endosulfan-Sulfate	20	81.59	0.0095	ND	NLE
gamma -Chlordane	20	81.59	0.0118	ND	NLE
alpha-Chlordane	20	81.59	0.0118	ND	NLE
Toxaphene	20	81.59	0.0071	ND	0.1
Arochlor 1016	20	81.59	0.2647	ND	0.49
Arochlor 1221	20	81.59	0.4869	ND	0.49
Arochlor 1232	20	81.59	0.3309	ND	0.49
Arochlor 1242	20	81.59	0.3782	ND	0.49
Arochlor 1248	20	81.59	0.1513	ND	0.49
Arochlor 1254	20	81.59	0.0946	ND	0.49
Arochlor 1260	20	81.59	0.0851	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002771

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4413.24
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/13/99
	Bldg. 173	**Extraction Date:**	4/15/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/14/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	169

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	84.95	0.0069	ND	NLE
beta-BHC	20	84.95	0.0069	ND	NLE
gamma-BHC	20	84.95	0.0092	ND	0.52
delta-BHC	20	84.95	0.0092	ND	NLE
Heptachlor	20	84.95	0.0069	ND	0.15
Aldrin	20	84.95	0.0092	ND	0.04
Heptachlor Epoxide	20	84.95	0.0139	ND	NLE
Endosulfan I	20	84.95	0.0116	ND	NLE
4,4'-DDE	20	84.95	0.0092	0.035	2
Dieldrin	20	84.95	0.0116	0.027	0.042
Endrin	20	84.95	0.0116	ND	17
Endosulfan II	20	84.95	0.0092	ND	NLE
4,4'-DDD	20	84.95	0.0139	0.055	3
Endrin Aldehyde	20	84.95	0.0116	ND	NLE
4,4'-DDT	20	84.95	0.0254	ND	2
Endosulfan-Sulfate	20	84.95	0.0092	ND	NLE
gamma -Chlordane	20	84.95	0.0116	ND	NLE
alpha-Chlordane	20	84.95	0.0116	ND	NLE
Toxaphene	20	84.95	0.0069	ND	0.1
Arochlor 1016	20	84.95	0.2588	ND	0.49
Arochlor 1221	20	84.95	0.4759	ND	0.49
Arochlor 1232	20	84.95	0.3235	ND	0.49
Arochlor 1242	20	84.95	0.3697	ND	0.49
Arochlor 1248	20	84.95	0.1479	ND	0.49
Arochlor 1254	20	84.95	0.0924	ND	0.49
Arochlor 1260	20	84.95	0.0832	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002772

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4413.26
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/13/99
	Bldg. 173	**Extraction Date:**	4/15/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/14/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	170

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	85.47	0.0069	ND	NLE
beta-BHC	20	85.47	0.0069	ND	NLE
gamma-BHC	20	85.47	0.0092	ND	0.52
delta-BHC	20	85.47	0.0092	ND	NLE
Heptachlor	20	85.47	0.0069	ND	0.15
Aldrin	20	85.47	0.0092	ND	0.04
Heptachlor Epoxide	20	85.47	0.0138	ND	NLE
Endosulfan I	20	85.47	0.0115	ND	NLE
4,4'-DDE	20	85.47	0.0092	0.028	2
Dieldrin	20	85.47	0.0115	ND	0.042
Endrin	20	85.47	0.0115	ND	17
Endosulfan II	20	85.47	0.0092	ND	NLE
4,4'-DDD	20	85.47	0.0138	0.027	3
Endrin Aldehyde	20	85.47	0.0115	ND	NLE
4,4'-DDT	20	85.47	0.0252	ND	2
Endosulfan-Sulfate	20	85.47	0.0092	ND	NLE
gamma -Chlordane	20	85.47	0.0115	ND	NLE
alpha-Chlordane	20	85.47	0.0115	ND	NLE
Toxaphene	20	85.47	0.0069	ND	0.1
Arochlor 1016	20	85.47	0.2567	ND	0.49
Arochlor 1221	20	85.47	0.4721	ND	0.49
Arochlor 1232	20	85.47	0.3209	ND	0.49
Arochlor 1242	20	85.47	0.3667	ND	0.49
Arochlor 1248	20	85.47	0.1467	ND	0.49
Arochlor 1254	20	85.47	0.0917	ND	0.49
Arochlor 1260	20	85.47	0.0825	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002773

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4469.02
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/7/99
	Bldg. 173	**Extraction Date:**	5/12/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/19/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	171

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	89.17	0.0066	ND	NLE
beta-BHC	20	89.17	0.0066	ND	NLE
gamma-BHC	20	89.17	0.0088	ND	0.52
delta-BHC	20	89.17	0.0088	ND	NLE
Heptachlor	20	89.17	0.0066	ND	0.15
Aldrin	20	89.17	0.0088	ND	0.04
Heptachlor Epoxide	20	89.17	0.0132	ND	NLE
Endosulfan I	20	89.17	0.0110	ND	NLE
4,4'-DDE	20	89.17	0.0088	0.017	2
Dieldrin	20	89.17	0.0110	ND	0.042
Endrin	20	89.17	0.0110	ND	17
Endosulfan II	20	89.17	0.0088	ND	NLE
4,4'-DDD	20	89.17	0.0132	0.016	3
Endrin Aldehyde	20	89.17	0.0110	ND	NLE
4,4'-DDT	20	89.17	0.0241	ND	2
Endosulfan-Sulfate	20	89.17	0.0088	ND	NLE
gamma -Chlordane	20	89.17	0.0110	ND	NLE
alpha-Chlordane	20	89.17	0.0110	ND	NLE
Toxaphene	20	89.17	0.0066	ND	0.1
Arochlor 1016	20	89.17	0.2456	ND	0.49
Arochlor 1221	20	89.17	0.4517	ND	0.49
Arochlor 1232	20	89.17	0.3069	ND	0.49
Arochlor 1242	20	89.17	0.3508	ND	0.49
Arochlor 1248	20	89.17	0.1403	ND	0.49
Arochlor 1254	20	89.17	0.0877	ND	0.49
Arochlor 1260	20	89.17	0.0789	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002774

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4469.04
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/7/99
	Bldg. 173	**Extraction Date:**	5/12/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/19/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	172

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	90.99	0.0065	ND	NLE
beta-BHC	20	90.99	0.0065	ND	NLE
gamma-BHC	20	90.99	0.0087	ND	0.52
delta-BHC	20	90.99	0.0087	ND	NLE
Heptachlor	20	90.99	0.0065	ND	0.15
Aldrin	20	90.99	0.0087	ND	0.04
Heptachlor Epoxide	20	90.99	0.0130	ND	NLE
Endosulfan I	20	90.99	0.0108	ND	NLE
4,4'-DDE	20	90.99	0.0087	0.079	2
Dieldrin	20	90.99	0.0108	ND	0.042
Endrin	20	90.99	0.0108	ND	17
Endosulfan II	20	90.99	0.0087	ND	NLE
4,4'-DDD	20	90.99	0.0130	0.060	3
Endrin Aldehyde	20	90.99	0.0108	ND	NLE
4,4'-DDT	20	90.99	0.0239	0.245	2
Endosulfan-Sulfate	20	90.99	0.0087	ND	NLE
gamma -Chlordane	20	90.99	0.0108	0.021	NLE
alpha-Chlordane	20	90.99	0.0108	0.025	NLE
Toxaphene	20	90.99	0.0065	ND	0.1
Arochlor 1016	20	90.99	0.2430	ND	0.49
Arochlor 1221	20	90.99	0.4470	ND	0.49
Arochlor 1232	20	90.99	0.3038	ND	0.49
Arochlor 1242	20	90.99	0.3472	ND	0.49
Arochlor 1248	20	90.99	0.1389	ND	0.49
Arochlor 1254	20	90.99	0.0868	ND	0.49
Arochlor 1260	20	90.99	0.0781	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002775

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4469.06
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/7/99
	Bldg. 173	**Extraction Date:**	5/12/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/19/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	173

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	85.74	0.0069	ND	NLE
beta-BHC	20	85.74	0.0069	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	0.0069	ND	0.15
Aldrin	20	85.74	0.0093	ND	0.04
Heptachlor Epoxide	20	85.74	0.0139	ND	NLE
Endosulfan I	20	85.74	0.0116	ND	NLE
4,4'-DDE	20	85.74	0.0093	0.011	2
Dieldrin	20	85.74	0.0116	ND	0.042
Endrin	20	85.74	0.0116	ND	17
Endosulfan II	20	85.74	0.0093	ND	NLE
4,4'-DDD	20	85.74	0.0139	0.022	3
Endrin Aldehyde	20	85.74	0.0116	ND	NLE
4,4'-DDT	20	85.74	0.0255	ND	2
Endosulfan-Sulfate	20	85.74	0.0093	ND	NLE
gamma -Chlordane	20	85.74	0.0116	ND	NLE
alpha-Chlordane	20	85.74	0.0116	ND	NLE
Toxaphene	20	85.74	0.0069	ND	0.1
Arochlor 1016	20	85.74	0.2592	ND	0.49
Arochlor 1221	20	85.74	0.4767	ND	0.49
Arochlor 1232	20	85.74	0.3240	ND	0.49
Arochlor 1242	20	85.74	0.3703	ND	0.49
Arochlor 1248	20	85.74	0.1481	ND	0.49
Arochlor 1254	20	85.74	0.0926	ND	0.49
Arochlor 1260	20	85.74	0.0833	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002776

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4469.08
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/7/99
	Bldg. 173	**Extraction Date:**	5/12/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/19/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	174

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	97.00	0.0060	ND	NLE
beta-BHC	20	97.00	0.0060	ND	NLE
gamma-BHC	20	97.00	0.0080	ND	0.52
delta-BHC	20	97.00	0.0080	ND	NLE
Heptachlor	20	97.00	0.0060	ND	0.15
Aldrin	20	97.00	0.0080	ND	0.04
Heptachlor Epoxide	20	97.00	0.0121	ND	NLE
Endosulfan I	20	97.00	0.0100	ND	NLE
4,4'-DDE	20	97.00	0.0080	ND	2
Dieldrin	20	97.00	0.0100	ND	0.042
Endrin	20	97.00	0.0100	ND	17
Endosulfan II	20	97.00	0.0080	ND	NLE
4,4'-DDD	20	97.00	0.0121	ND	3
Endrin Aldehyde	20	97.00	0.0100	ND	NLE
4,4'-DDT	20	97.00	0.0221	0.103	2
Endosulfan-Sulfate	20	97.00	0.0080	ND	NLE
gamma -Chlordane	20	97.00	0.0100	ND	NLE
alpha-Chlordane	20	97.00	0.0100	ND	NLE
Toxaphene	20	97.00	0.0060	ND	0.1
Arochlor 1016	20	97.00	0.2251	ND	0.49
Arochlor 1221	20	97.00	0.4140	ND	0.49
Arochlor 1232	20	97.00	0.2813	ND	0.49
Arochlor 1242	20	97.00	0.3215	ND	0.49
Arochlor 1248	20	97.00	0.1286	ND	0.49
Arochlor 1254	20	97.00	0.0804	ND	0.49
Arochlor 1260	20	97.00	0.0723	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4469.10
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/7/99
	Bldg. 173	**Extraction Date:**	5/12/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/19/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	175

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	89.38	0.0065	ND	NLE
beta-BHC	20	89.38	0.0065	ND	NLE
gamma-BHC	20	89.38	0.0087	ND	0.52
delta-BHC	20	89.38	0.0087	ND	NLE
Heptachlor	20	89.38	0.0065	ND	0.15
Aldrin	20	89.38	0.0087	ND	0.04
Heptachlor Epoxide	20	89.38	0.0131	ND	NLE
Endosulfan I	20	89.38	0.0109	ND	NLE
4,4'-DDE	20	89.38	0.0087	ND	2
Dieldrin	20	89.38	0.0109	ND	0.042
Endrin	20	89.38	0.0109	ND	17
Endosulfan II	20	89.38	0.0087	ND	NLE
4,4'-DDD	20	89.38	0.0131	ND	3
Endrin Aldehyde	20	89.38	0.0109	ND	NLE
4,4'-DDT	20	89.38	0.0240	ND	2
Endosulfan-Sulfate	20	89.38	0.0087	ND	NLE
gamma -Chlordane	20	89.38	0.0109	ND	NLE
alpha-Chlordane	20	89.38	0.0109	ND	NLE
Toxaphene	20	89.38	0.0065	ND	0.1
Arochlor 1016	20	89.38	0.2445	ND	0.49
Arochlor 1221	20	89.38	0.4497	ND	0.49
Arochlor 1232	20	89.38	0.3056	ND	0.49
Arochlor 1242	20	89.38	0.3493	ND	0.49
Arochlor 1248	20	89.38	0.1397	ND	0.49
Arochlor 1254	20	89.38	0.0873	ND	0.49
Arochlor 1260	20	89.38	0.0786	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002778

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4473.02
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/10/99
	Bldg. 173	**Extraction Date:**	5/14/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/20/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	176

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	92.04	0.0064	ND	NLE
beta-BHC	20	92.04	0.0064	ND	NLE
gamma-BHC	20	92.04	0.0086	ND	0.52
delta-BHC	20	92.04	0.0086	ND	NLE
Heptachlor	20	92.04	0.0064	ND	0.15
Aldrin	20	92.04	0.0086	ND	0.04
Heptachlor Epoxide	20	92.04	0.0129	ND	NLE
Endosulfan I	20	92.04	0.0107	ND	NLE
4,4'-DDE	20	92.04	0.0086	0.137	2
Dieldrin	20	92.04	0.0107	ND	0.042
Endrin	20	92.04	0.0107	ND	17
Endosulfan II	20	92.04	0.0086	ND	NLE
4,4'-DDD	20	92.04	0.0129	0.115	3
Endrin Aldehyde	20	92.04	0.0107	ND	NLE
4,4'-DDT	20	92.04	0.0236	0.289	2
Endosulfan-Sulfate	20	92.04	0.0086	ND	NLE
gamma -Chlordane	20	92.04	0.0107	0.015	NLE
alpha-Chlordane	20	92.04	0.0107	0.016	NLE
Toxaphene	20	92.04	0.0064	ND	0.1
Arochlor 1016	20	92.04	0.2405	ND	0.49
Arochlor 1221	20	92.04	0.4423	ND	0.49
Arochlor 1232	20	92.04	0.3006	ND	0.49
Arochlor 1242	20	92.04	0.3436	ND	0.49
Arochlor 1248	20	92.04	0.1374	ND	0.49
Arochlor 1254	20	92.04	0.0859	ND	0.49
Arochlor 1260	20	92.04	0.0773	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4473.04
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/10/99
	Bldg. 173	**Extraction Date:**	5/14/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/20/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	177

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	83.48	0.0071	ND	NLE
beta-BHC	20	83.48	0.0071	ND	NLE
gamma-BHC	20	83.48	0.0095	ND	0.52
delta-BHC	20	83.48	0.0095	ND	NLE
Heptachlor	20	83.48	0.0071	ND	0.15
Aldrin	20	83.48	0.0095	ND	0.04
Heptachlor Epoxide	20	83.48	0.0142	ND	NLE
Endosulfan I	20	83.48	0.0118	ND	NLE
4,4'-DDE	20	83.48	0.0095	0.141	2
Dieldrin	20	83.48	0.0118	ND	0.042
Endrin	20	83.48	0.0118	ND	17
Endosulfan II	20	83.48	0.0095	ND	NLE
4,4'-DDD	20	83.48	0.0142	0.212	3
Endrin Aldehyde	20	83.48	0.0118	ND	NLE
4,4'-DDT	20	83.48	0.0261	0.075	2
Endosulfan-Sulfate	20	83.48	0.0095	ND	NLE
gamma -Chlordane	20	83.48	0.0118	0.034	NLE
alpha-Chlordane	20	83.48	0.0118	0.027	NLE
Toxaphene	20	83.48	0.0071	ND	0.1
Arochlor 1016	20	83.48	0.2654	ND	0.49
Arochlor 1221	20	83.48	0.4882	ND	0.49
Arochlor 1232	20	83.48	0.3318	ND	0.49
Arochlor 1242	20	83.48	0.3792	ND	0.49
Arochlor 1248	20	83.48	0.1517	ND	0.49
Arochlor 1254	20	83.48	0.0948	ND	0.49
Arochlor 1260	20	83.48	0.0853	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002780

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4473.06
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/10/99
	Bldg. 173	**Extraction Date:**	5/14/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/20/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	178

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	91.49	0.0064	ND	NLE
beta-BHC	20	91.49	0.0064	ND	NLE
gamma-BHC	20	91.49	0.0086	ND	0.52
delta-BHC	20	91.49	0.0086	ND	NLE
Heptachlor	20	91.49	0.0064	ND	0.15
Aldrin	20	91.49	0.0086	ND	0.04
Heptachlor Epoxide	20	91.49	0.0128	ND	NLE
Endosulfan I	20	91.49	0.0107	ND	NLE
4,4'-DDE	20	91.49	0.0086	0.134	2
Dieldrin	20	91.49	0.0107	ND	0.042
Endrin	20	91.49	0.0107	ND	17
Endosulfan II	20	91.49	0.0086	ND	NLE
4,4'-DDD	20	91.49	0.0128	0.178	3
Endrin Aldehyde	20	91.49	0.0107	ND	NLE
4,4'-DDT	20	91.49	0.0235	0.351	2
Endosulfan-Sulfate	20	91.49	0.0086	ND	NLE
gamma -Chlordane	20	91.49	0.0107	0.020	NLE
alpha-Chlordane	20	91.49	0.0107	0.016	NLE
Toxaphene	20	91.49	0.0064	ND	0.1
Arochlor 1016	20	91.49	0.2396	ND	0.49
Arochlor 1221	20	91.49	0.4406	ND	0.49
Arochlor 1232	20	91.49	0.2995	ND	0.49
Arochlor 1242	20	91.49	0.3422	ND	0.49
Arochlor 1248	20	91.49	0.1369	ND	0.49
Arochlor 1254	20	91.49	0.0856	ND	0.49
Arochlor 1260	20	91.49	0.0770	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002781

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4473.08
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/10/99
	Bldg. 173	**Extraction Date:**	5/14/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/20/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	179

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	84.29	0.0070	ND	NLE
beta-BHC	20	84.29	0.0070	ND	NLE
gamma-BHC	20	84.29	0.0094	ND	0.52
delta-BHC	20	84.29	0.0094	ND	NLE
Heptachlor	20	84.29	0.0070	ND	0.15
Aldrin	20	84.29	0.0094	ND	0.04
Heptachlor Epoxide	20	84.29	0.0140	ND	NLE
Endosulfan I	20	84.29	0.0117	ND	NLE
4,4'-DDE	20	84.29	0.0094	0.105	2
Dieldrin	20	84.29	0.0117	ND	0.042
Endrin	20	84.29	0.0117	ND	17
Endosulfan II	20	84.29	0.0094	ND	NLE
4,4'-DDD	20	84.29	0.0140	0.084	3
Endrin Aldehyde	20	84.29	0.0117	ND	NLE
4,4'-DDT	20	84.29	0.0257	0.232	2
Endosulfan-Sulfate	20	84.29	0.0094	ND	NLE
gamma -Chlordane	20	84.29	0.0117	0.016	NLE
alpha-Chlordane	20	84.29	0.0117	0.015	NLE
Toxaphene	20	84.29	0.0070	ND	0.1
Arochlor 1016	20	84.29	0.2621	ND	0.49
Arochlor 1221	20	84.29	0.4820	ND	0.49
Arochlor 1232	20	84.29	0.3276	ND	0.49
Arochlor 1242	20	84.29	0.3744	ND	0.49
Arochlor 1248	20	84.29	0.1498	ND	0.49
Arochlor 1254	20	84.29	0.0936	ND	0.49
Arochlor 1260	20	84.29	0.0842	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002782

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4473.10
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/10/99
	Bldg. 173	**Extraction Date:**	5/14/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/20/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	180

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	94.25	0.0063	ND	NLE
beta-BHC	20	94.25	0.0063	ND	NLE
gamma-BHC	20	94.25	0.0084	ND	0.52
delta-BHC	20	94.25	0.0084	ND	NLE
Heptachlor	20	94.25	0.0063	ND	0.15
Aldrin	20	94.25	0.0084	ND	0.04
Heptachlor Epoxide	20	94.25	0.0125	ND	NLE
Endosulfan I	20	94.25	0.0105	ND	NLE
4,4'-DDE	20	94.25	0.0084	0.091	2
Dieldrin	20	94.25	0.0105	ND	0.042
Endrin	20	94.25	0.0105	ND	17
Endosulfan II	20	94.25	0.0084	ND	NLE
4,4'-DDD	20	94.25	0.0125	0.040	3
Endrin Aldehyde	20	94.25	0.0105	ND	NLE
4,4'-DDT	20	94.25	0.0230	0.239	2
Endosulfan-Sulfate	20	94.25	0.0084	ND	NLE
gamma -Chlordane	20	94.25	0.0105	0.013	NLE
alpha-Chlordane	20	94.25	0.0105	0.012	NLE
Toxaphene	20	94.25	0.0063	ND	0.1
Arochlor 1016	20	94.25	0.2342	ND	0.49
Arochlor 1221	20	94.25	0.4307	ND	0.49
Arochlor 1232	20	94.25	0.2927	ND	0.49
Arochlor 1242	20	94.25	0.3345	ND	0.49
Arochlor 1248	20	94.25	0.1338	ND	0.49
Arochlor 1254	20	94.25	0.0836	ND	0.49
Arochlor 1260	20	94.25	0.0753	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4473.14
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/10/99
	Bldg. 173	**Extraction Date:**	5/14/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/20/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	181

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	84.37	0.0069	ND	NLE
beta-BHC	20	84.37	0.0069	ND	NLE
gamma-BHC	20	84.37	0.0092	ND	0.52
delta-BHC	20	84.37	0.0092	ND	NLE
Heptachlor	20	84.37	0.0069	ND	0.15
Aldrin	20	84.37	0.0092	ND	0.04
Heptachlor Epoxide	20	84.37	0.0138	ND	NLE
Endosulfan I	20	84.37	0.0115	ND	NLE
4,4'-DDE	20	84.37	0.0092	0.533	2
Dieldrin	20	84.37	0.0115	0.027	0.042
Endrin	20	84.37	0.0115	ND	17
Endosulfan II	20	84.37	0.0092	ND	NLE
4,4'-DDD	20	84.37	0.0138	1.833	3
Endrin Aldehyde	20	84.37	0.0115	ND	NLE
4,4'-DDT	20	84.37	0.0254	0.787	2
Endosulfan-Sulfate	20	84.37	0.0092	ND	NLE
gamma -Chlordane	20	84.37	0.0115	0.023	NLE
alpha-Chlordane	20	84.37	0.0115	0.022	NLE
Toxaphene	20	84.37	0.0069	ND	0.1
Arochlor 1016	20	84.37	0.2583	ND	0.49
Arochlor 1221	20	84.37	0.4750	ND	0.49
Arochlor 1232	20	84.37	0.3228	ND	0.49
Arochlor 1242	20	84.37	0.3690	ND	0.49
Arochlor 1248	20	84.37	0.1476	ND	0.49
Arochlor 1254	20	84.37	0.0922	ND	0.49
Arochlor 1260	20	84.37	0.0830	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4473.16
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/10/99
	Bldg. 173	**Extraction Date:**	5/14/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/21/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	182

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	86.64	0.0069	ND	NLE
beta-BHC	20	86.64	0.0069	ND	NLE
gamma-BHC	20	86.64	0.0092	ND	0.52
delta-BHC	20	86.64	0.0092	ND	NLE
Heptachlor	20	86.64	0.0069	ND	0.15
Aldrin	20	86.64	0.0092	ND	0.04
Heptachlor Epoxide	20	86.64	0.0138	ND	NLE
Endosulfan I	20	86.64	0.0115	ND	NLE
4,4'-DDE	20	86.64	0.0092	0.419	2
Dieldrin	20	86.64	0.0115	ND	0.042
Endrin	20	86.64	0.0115	ND	17
Endosulfan II	20	86.64	0.0092	ND	NLE
4,4'-DDD	20	86.64	0.0138	1.171	3
Endrin Aldehyde	20	86.64	0.0115	ND	NLE
4,4'-DDT	20	86.64	0.0252	0.691	2
Endosulfan-Sulfate	20	86.64	0.0092	ND	NLE
gamma -Chlordane	20	86.64	0.0115	0.044	NLE
alpha-Chlordane	20	86.64	0.0115	0.039	NLE
Toxaphene	20	86.64	0.0069	ND	0.1
Arochlor 1016	20	86.64	0.2570	ND	0.49
Arochlor 1221	20	86.64	0.4727	ND	0.49
Arochlor 1232	20	86.64	0.3212	ND	0.49
Arochlor 1242	20	86.64	0.3671	ND	0.49
Arochlor 1248	20	86.64	0.1469	ND	0.49
Arochlor 1254	20	86.64	0.0918	ND	0.49
Arochlor 1260	20	86.64	0.0826	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4473.18
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/10/99
	Bldg. 173	**Extraction Date:**	5/14/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/21/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	183

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	91.32	0.0065	ND	NLE
beta-BHC	20	91.32	0.0065	ND	NLE
gamma-BHC	20	91.32	0.0086	ND	0.52
delta-BHC	20	91.32	0.0086	ND	NLE
Heptachlor	20	91.32	0.0065	ND	0.15
Aldrin	20	91.32	0.0086	ND	0.04
Heptachlor Epoxide	20	91.32	0.0129	ND	NLE
Endosulfan I	20	91.32	0.0108	ND	NLE
4,4'-DDE	20	91.32	0.0086	0.077	2
Dieldrin	20	91.32	0.0108	ND	0.042
Endrin	20	91.32	0.0108	ND	17
Endosulfan II	20	91.32	0.0086	ND	NLE
4,4'-DDD	20	91.32	0.0129	0.039	3
Endrin Aldehyde	20	91.32	0.0108	ND	NLE
4,4'-DDT	20	91.32	0.0237	0.124	2
Endosulfan-Sulfate	20	91.32	0.0086	ND	NLE
gamma -Chlordane	20	91.32	0.0108	ND	NLE
alpha-Chlordane	20	91.32	0.0108	ND	NLE
Toxaphene	20	91.32	0.0065	ND	0.1
Arochlor 1016	20	91.32	0.2412	ND	0.49
Arochlor 1221	20	91.32	0.4436	ND	0.49
Arochlor 1232	20	91.32	0.3015	ND	0.49
Arochlor 1242	20	91.32	0.3446	ND	0.49
Arochlor 1248	20	91.32	0.1378	ND	0.49
Arochlor 1254	20	91.32	0.0861	ND	0.49
Arochlor 1260	20	91.32	0.0775	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002786

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4473.20
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/10/99
	Bldg. 173	**Extraction Date:**	5/14/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/21/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	184

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	92.99	0.0064	ND	NLE
beta-BHC	20	92.99	0.0064	ND	NLE
gamma-BHC	20	92.99	0.0086	ND	0.52
delta-BHC	20	92.99	0.0086	ND	NLE
Heptachlor	20	92.99	0.0064	ND	0.15
Aldrin	20	92.99	0.0086	ND	0.04
Heptachlor Epoxide	20	92.99	0.0129	ND	NLE
Endosulfan I	20	92.99	0.0107	ND	NLE
4,4'-DDE	20	92.99	0.0086	ND	2
Dieldrin	20	92.99	0.0107	ND	0.042
Endrin	20	92.99	0.0107	ND	17
Endosulfan II	20	92.99	0.0086	ND	NLE
4,4'-DDD	20	92.99	0.0129	ND	3
Endrin Aldehyde	20	92.99	0.0107	ND	NLE
4,4'-DDT	20	92.99	0.0236	0.032	2
Endosulfan-Sulfate	20	92.99	0.0086	ND	NLE
gamma -Chlordane	20	92.99	0.0107	ND	NLE
alpha-Chlordane	20	92.99	0.0107	ND	NLE
Toxaphene	20	92.99	0.0064	ND	0.1
Arochlor 1016	20	92.99	0.2406	ND	0.49
Arochlor 1221	20	92.99	0.4426	ND	0.49
Arochlor 1232	20	92.99	0.3008	ND	0.49
Arochlor 1242	20	92.99	0.3438	ND	0.49
Arochlor 1248	20	92.99	0.1375	ND	0.49
Arochlor 1254	20	92.99	0.0859	ND	0.49
Arochlor 1260	20	92.99	0.0774	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002787

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4474.02
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/11/99
	Bldg. 173	**Extraction Date:**	5/14/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/21/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	185

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	88.30	0.0066	ND	NLE
beta-BHC	20	88.30	0.0066	ND	NLE
gamma-BHC	20	88.30	0.0088	ND	0.52
delta-BHC	20	88.30	0.0088	ND	NLE
Heptachlor	20	88.30	0.0066	ND	0.15
Aldrin	20	88.30	0.0088	ND	0.04
Heptachlor Epoxide	20	88.30	0.0132	ND	NLE
Endosulfan I	20	88.30	0.0110	ND	NLE
4,4'-DDE	20	88.30	0.0088	0.160	2
Dieldrin	20	88.30	0.0110	ND	0.042
Endrin	20	88.30	0.0110	ND	17
Endosulfan II	20	88.30	0.0088	ND	NLE
4,4'-DDD	20	88.30	0.0132	0.102	3
Endrin Aldehyde	20	88.30	0.0110	ND	NLE
4,4'-DDT	20	88.30	0.0242	0.293	2
Endosulfan-Sulfate	20	88.30	0.0088	ND	NLE
gamma -Chlordane	20	88.30	0.0110	0.040	NLE
alpha-Chlordane	20	88.30	0.0110	0.031	NLE
Toxaphene	20	88.30	0.0066	ND	0.1
Arochlor 1016	20	88.30	0.2468	ND	0.49
Arochlor 1221	20	88.30	0.4539	ND	0.49
Arochlor 1232	20	88.30	0.3085	ND	0.49
Arochlor 1242	20	88.30	0.3525	ND	0.49
Arochlor 1248	20	88.30	0.1410	ND	0.49
Arochlor 1254	20	88.30	0.0881	ND	0.49
Arochlor 1260	20	88.30	0.0793	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002788

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4474.04
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/11/99
	Bldg. 173	**Extraction Date:**	5/14/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/21/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	186

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	89.58	0.0067	ND	NLE
beta-BHC	20	89.58	0.0067	ND	NLE
gamma-BHC	20	89.58	0.0089	ND	0.52
delta-BHC	20	89.58	0.0089	ND	NLE
Heptachlor	20	89.58	0.0067	ND	0.15
Aldrin	20	89.58	0.0089	ND	0.04
Heptachlor Epoxide	20	89.58	0.0134	ND	NLE
Endosulfan I	20	89.58	0.0112	ND	NLE
4,4'-DDE	20	89.58	0.0089	0.113	2
Dieldrin	20	89.58	0.0112	ND	0.042
Endrin	20	89.58	0.0112	ND	17
Endosulfan II	20	89.58	0.0089	ND	NLE
4,4'-DDD	20	89.58	0.0134	0.347	3
Endrin Aldehyde	20	89.58	0.0112	ND	NLE
4,4'-DDT	20	89.58	0.0246	0.117	2
Endosulfan-Sulfate	20	89.58	0.0089	ND	NLE
gamma -Chlordane	20	89.58	0.0112	ND	NLE
alpha-Chlordane	20	89.58	0.0112	ND	NLE
Toxaphene	20	89.58	0.0067	ND	0.1
Arochlor 1016	20	89.58	0.2501	ND	0.49
Arochlor 1221	20	89.58	0.4599	ND	0.49
Arochlor 1232	20	89.58	0.3126	ND	0.49
Arochlor 1242	20	89.58	0.3572	ND	0.49
Arochlor 1248	20	89.58	0.1429	ND	0.49
Arochlor 1254	20	89.58	0.0893	ND	0.49
Arochlor 1260	20	89.58	0.0804	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002789

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4474.06
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/11/99
	Bldg. 173	**Extraction Date:**	5/14/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/21/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	187

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	92.52	0.0064	ND	NLE
beta-BHC	20	92.52	0.0064	ND	NLE
gamma-BHC	20	92.52	0.0086	ND	0.52
delta-BHC	20	92.52	0.0086	ND	NLE
Heptachlor	20	92.52	0.0064	ND	0.15
Aldrin	20	92.52	0.0086	ND	0.04
Heptachlor Epoxide	20	92.52	0.0128	ND	NLE
Endosulfan I	20	92.52	0.0107	ND	NLE
4,4'-DDE	20	92.52	0.0086	0.042	2
Dieldrin	20	92.52	0.0107	ND	0.042
Endrin	20	92.52	0.0107	ND	17
Endosulfan II	20	92.52	0.0086	ND	NLE
4,4'-DDD	20	92.52	0.0128	0.043	3
Endrin Aldehyde	20	92.52	0.0107	ND	NLE
4,4'-DDT	20	92.52	0.0235	0.035	2
Endosulfan-Sulfate	20	92.52	0.0086	ND	NLE
gamma -Chlordane	20	92.52	0.0107	ND	NLE
alpha-Chlordane	20	92.52	0.0107	ND	NLE
Toxaphene	20	92.52	0.0064	ND	0.1
Arochlor 1016	20	92.52	0.2395	ND	0.49
Arochlor 1221	20	92.52	0.4405	ND	0.49
Arochlor 1232	20	92.52	0.2993	ND	0.49
Arochlor 1242	20	92.52	0.3421	ND	0.49
Arochlor 1248	20	92.52	0.1368	ND	0.49
Arochlor 1254	20	92.52	0.0855	ND	0.49
Arochlor 1260	20	92.52	0.0770	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4474.08
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/11/99
	Bldg. 173	**Extraction Date:**	5/14/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/21/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	188

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	88.01	0.0067	ND	NLE
beta-BHC	20	88.01	0.0067	ND	NLE
gamma-BHC	20	88.01	0.0089	ND	0.52
delta-BHC	20	88.01	0.0089	ND	NLE
Heptachlor	20	88.01	0.0067	ND	0.15
Aldrin	20	88.01	0.0089	ND	0.04
Heptachlor Epoxide	20	88.01	0.0134	ND	NLE
Endosulfan I	20	88.01	0.0111	ND	NLE
4,4'-DDE	20	88.01	0.0089	0.409	2
Dieldrin	20	88.01	0.0111	ND	0.042
Endrin	20	88.01	0.0111	ND	17
Endosulfan II	20	88.01	0.0089	ND	NLE
4,4'-DDD	20	88.01	0.0134	0.651	3
Endrin Aldehyde	20	88.01	0.0111	ND	NLE
4,4'-DDT	20	88.01	0.0245	0.229	2
Endosulfan-Sulfate	20	88.01	0.0089	ND	NLE
gamma -Chlordane	20	88.01	0.0111	0.045	NLE
alpha-Chlordane	20	88.01	0.0111	0.032	NLE
Toxaphene	20	88.01	0.0067	ND	0.1
Arochlor 1016	20	88.01	0.2493	ND	0.49
Arochlor 1221	20	88.01	0.4585	ND	0.49
Arochlor 1232	20	88.01	0.3116	ND	0.49
Arochlor 1242	20	88.01	0.3561	ND	0.49
Arochlor 1248	20	88.01	0.1424	ND	0.49
Arochlor 1254	20	88.01	0.0890	ND	0.49
Arochlor 1260	20	88.01	0.0801	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002791

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4474.10
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/11/99
	Bldg. 173	**Extraction Date:**	5/14/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/21/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	189

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	91.52	0.0065	ND	NLE
beta-BHC	20	91.52	0.0065	ND	NLE
gamma-BHC	20	91.52	0.0086	ND	0.52
delta-BHC	20	91.52	0.0086	ND	NLE
Heptachlor	20	91.52	0.0065	ND	0.15
Aldrin	20	91.52	0.0086	ND	0.04
Heptachlor Epoxide	20	91.52	0.0130	ND	NLE
Endosulfan I	20	91.52	0.0108	ND	NLE
4,4'-DDE	20	91.52	0.0086	ND	2
Dieldrin	20	91.52	0.0108	ND	0.042
Endrin	20	91.52	0.0108	ND	17
Endosulfan II	20	91.52	0.0086	ND	NLE
4,4'-DDD	20	91.52	0.0130	ND	3
Endrin Aldehyde	20	91.52	0.0108	ND	NLE
4,4'-DDT	20	91.52	0.0238	ND	2
Endosulfan-Sulfate	20	91.52	0.0086	ND	NLE
gamma -Chlordane	20	91.52	0.0108	ND	NLE
alpha-Chlordane	20	91.52	0.0108	ND	NLE
Toxaphene	20	91.52	0.0065	ND	0.1
Arochlor 1016	20	91.52	0.2421	ND	0.49
Arochlor 1221	20	91.52	0.4453	ND	0.49
Arochlor 1232	20	91.52	0.3026	ND	0.49
Arochlor 1242	20	91.52	0.3458	ND	0.49
Arochlor 1248	20	91.52	0.1383	ND	0.49
Arochlor 1254	20	91.52	0.0865	ND	0.49
Arochlor 1260	20	91.52	0.0778	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002792

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4474.14
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/11/99
	Bldg. 173	**Extraction Date:**	5/18/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/21/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	190

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	87.06	0.0069	ND	NLE
beta-BHC	20	87.06	0.0069	ND	NLE
gamma-BHC	20	87.06	0.0091	ND	0.52
delta-BHC	20	87.06	0.0091	ND	NLE
Heptachlor	20	87.06	0.0069	ND	0.15
Aldrin	20	87.06	0.0091	ND	0.04
Heptachlor Epoxide	20	87.06	0.0137	ND	NLE
Endosulfan I	20	87.06	0.0114	ND	NLE
4,4'-DDE	20	87.06	0.0091	0.173	2
Dieldrin	20	87.06	0.0114	ND	0.042
Endrin	20	87.06	0.0114	ND	17
Endosulfan II	20	87.06	0.0091	ND	NLE
4,4'-DDD	20	87.06	0.0137	0.208	3
Endrin Aldehyde	20	87.06	0.0114	ND	NLE
4,4'-DDT	20	87.06	0.0251	0.186	2
Endosulfan-Sulfate	20	87.06	0.0091	ND	NLE
gamma -Chlordane	20	87.06	0.0114	0.028	NLE
alpha-Chlordane	20	87.06	0.0114	0.024	NLE
Toxaphene	20	87.06	0.0069	ND	0.1
Arochlor 1016	20	87.06	0.2558	ND	0.49
Arochlor 1221	20	87.06	0.4704	ND	0.49
Arochlor 1232	20	87.06	0.3197	ND	0.49
Arochlor 1242	20	87.06	0.3654	ND	0.49
Arochlor 1248	20	87.06	0.1461	ND	0.49
Arochlor 1254	20	87.06	0.0913	ND	0.49
Arochlor 1260	20	87.06	0.0822	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002793

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4474.16
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/11/99
	Bldg. 173	**Extraction Date:**	5/18/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/21/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	191

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	88.21	0.0067	ND	NLE
beta-BHC	20	88.21	0.0067	ND	NLE
gamma-BHC	20	88.21	0.0090	ND	0.52
delta-BHC	20	88.21	0.0090	ND	NLE
Heptachlor	20	88.21	0.0067	ND	0.15
Aldrin	20	88.21	0.0090	ND	0.04
Heptachlor Epoxide	20	88.21	0.0135	ND	NLE
Endosulfan I	20	88.21	0.0112	ND	NLE
4,4'-DDE	20	88.21	0.0090	0.200	2
Dieldrin	20	88.21	0.0112	ND	0.042
Endrin	20	88.21	0.0112	ND	17
Endosulfan II	20	88.21	0.0090	ND	NLE
4,4'-DDD	20	88.21	0.0135	0.228	3
Endrin Aldehyde	20	88.21	0.0112	ND	NLE
4,4'-DDT	20	88.21	0.0247	0.185	2
Endosulfan-Sulfate	20	88.21	0.0090	ND	NLE
gamma -Chlordane	20	88.21	0.0112	0.023	NLE
alpha-Chlordane	20	88.21	0.0112	0.022	NLE
Toxaphene	20	88.21	0.0067	ND	0.1
Arochlor 1016	20	88.21	0.2517	ND	0.49
Arochlor 1221	20	88.21	0.4629	ND	0.49
Arochlor 1232	20	88.21	0.3146	ND	0.49
Arochlor 1242	20	88.21	0.3595	ND	0.49
Arochlor 1248	20	88.21	0.1438	ND	0.49
Arochlor 1254	20	88.21	0.0899	ND	0.49
Arochlor 1260	20	88.21	0.0809	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002794

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4474.18
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/11/99
	Bldg. 173	**Extraction Date:**	5/18/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/21/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	192

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	90.11	0.0065	ND	NLE
beta-BHC	20	90.11	0.0065	ND	NLE
gamma-BHC	20	90.11	0.0087	ND	0.52
delta-BHC	20	90.11	0.0087	ND	NLE
Heptachlor	20	90.11	0.0065	ND	0.15
Aldrin	20	90.11	0.0087	ND	0.04
Heptachlor Epoxide	20	90.11	0.0131	ND	NLE
Endosulfan I	20	90.11	0.0109	ND	NLE
4,4'-DDE	20	90.11	0.0087	0.023	2
Dieldrin	20	90.11	0.0109	ND	0.042
Endrin	20	90.11	0.0109	ND	17
Endosulfan II	20	90.11	0.0087	ND	NLE
4,4'-DDD	20	90.11	0.0131	0.055	3
Endrin Aldehyde	20	90.11	0.0109	ND	NLE
4,4'-DDT	20	90.11	0.0239	0.272	2
Endosulfan-Sulfate	20	90.11	0.0087	ND	NLE
gamma -Chlordane	20	90.11	0.0109	ND	NLE
alpha-Chlordane	20	90.11	0.0109	ND	NLE
Toxaphene	20	90.11	0.0065	ND	0.1
Arochlor 1016	20	90.11	0.2437	ND	0.49
Arochlor 1221	20	90.11	0.4483	ND	0.49
Arochlor 1232	20	90.11	0.3046	ND	0.49
Arochlor 1242	20	90.11	0.3482	ND	0.49
Arochlor 1248	20	90.11	0.1393	ND	0.49
Arochlor 1254	20	90.11	0.0870	ND	0.49
Arochlor 1260	20	90.11	0.0783	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002795

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4474.20
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/11/99
	Bldg. 173	**Extraction Date:**	5/18/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/21/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	193

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	90.98	0.0066	ND	NLE
beta-BHC	20	90.98	0.0066	ND	NLE
gamma-BHC	20	90.98	0.0088	ND	0.52
delta-BHC	20	90.98	0.0088	ND	NLE
Heptachlor	20	90.98	0.0066	ND	0.15
Aldrin	20	90.98	0.0088	ND	0.04
Heptachlor Epoxide	20	90.98	0.0132	ND	NLE
Endosulfan I	20	90.98	0.0110	ND	NLE
4,4'-DDE	20	90.98	0.0088	ND	2
Dieldrin	20	90.98	0.0110	ND	0.042
Endrin	20	90.98	0.0110	ND	17
Endosulfan II	20	90.98	0.0088	ND	NLE
4,4'-DDD	20	90.98	0.0132	ND	3
Endrin Aldehyde	20	90.98	0.0110	ND	NLE
4,4'-DDT	20	90.98	0.0241	ND	2
Endosulfan-Sulfate	20	90.98	0.0088	ND	NLE
gamma -Chlordane	20	90.98	0.0110	ND	NLE
alpha-Chlordane	20	90.98	0.0110	ND	NLE
Toxaphene	20	90.98	0.0066	ND	0.1
Arochlor 1016	20	90.98	0.2457	ND	0.49
Arochlor 1221	20	90.98	0.4519	ND	0.49
Arochlor 1232	20	90.98	0.3071	ND	0.49
Arochlor 1242	20	90.98	0.3510	ND	0.49
Arochlor 1248	20	90.98	0.1404	ND	0.49
Arochlor 1254	20	90.98	0.0878	ND	0.49
Arochlor 1260	20	90.98	0.0790	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002796

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4474.22
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/11/99
	Bldg. 173	**Extraction Date:**	5/18/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/21/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	194

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	95.03	0.0063	ND	NLE
beta-BHC	20	95.03	0.0063	ND	NLE
gamma-BHC	20	95.03	0.0084	ND	0.52
delta-BHC	20	95.03	0.0084	ND	NLE
Heptachlor	20	95.03	0.0063	ND	0.15
Aldrin	20	95.03	0.0084	ND	0.04
Heptachlor Epoxide	20	95.03	0.0126	ND	NLE
Endosulfan I	20	95.03	0.0105	ND	NLE
4,4'-DDE	20	95.03	0.0084	ND	2
Dieldrin	20	95.03	0.0105	ND	0.042
Endrin	20	95.03	0.0105	ND	17
Endosulfan II	20	95.03	0.0084	ND	NLE
4,4'-DDD	20	95.03	0.0126	ND	3
Endrin Aldehyde	20	95.03	0.0105	ND	NLE
4,4'-DDT	20	95.03	0.0231	ND	2
Endosulfan-Sulfate	20	95.03	0.0084	ND	NLE
gamma -Chlordane	20	95.03	0.0105	ND	NLE
alpha-Chlordane	20	95.03	0.0105	ND	NLE
Toxaphene	20	95.03	0.0063	ND	0.1
Arochlor 1016	20	95.03	0.2352	ND	0.49
Arochlor 1221	20	95.03	0.4327	ND	0.49
Arochlor 1232	20	95.03	0.2941	ND	0.49
Arochlor 1242	20	95.03	0.3361	ND	0.49
Arochlor 1248	20	95.03	0.1344	ND	0.49
Arochlor 1254	20	95.03	0.0840	ND	0.49
Arochlor 1260	20	95.03	0.0756	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002797

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4474.24
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/11/99
	Bldg. 173	**Extraction Date:**	5/18/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/21/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	195

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	90.30	0.0066	ND	NLE
beta-BHC	20	90.30	0.0066	ND	NLE
gamma-BHC	20	90.30	0.0088	ND	0.52
delta-BHC	20	90.30	0.0088	ND	NLE
Heptachlor	20	90.30	0.0066	ND	0.15
Aldrin	20	90.30	0.0088	ND	0.04
Heptachlor Epoxide	20	90.30	0.0132	ND	NLE
Endosulfan I	20	90.30	0.0110	ND	NLE
4,4'-DDE	20	90.30	0.0088	ND	2
Dieldrin	20	90.30	0.0110	ND	0.042
Endrin	20	90.30	0.0110	ND	17
Endosulfan II	20	90.30	0.0088	ND	NLE
4,4'-DDD	20	90.30	0.0132	ND	3
Endrin Aldehyde	20	90.30	0.0110	ND	NLE
4,4'-DDT	20	90.30	0.0241	ND	2
Endosulfan-Sulfate	20	90.30	0.0088	ND	NLE
gamma -Chlordane	20	90.30	0.0110	ND	NLE
alpha-Chlordane	20	90.30	0.0110	ND	NLE
Toxaphene	20	90.30	0.0066	ND	0.1
Arochlor 1016	20	90.30	0.2458	ND	0.49
Arochlor 1221	20	90.30	0.4522	ND	0.49
Arochlor 1232	20	90.30	0.3073	ND	0.49
Arochlor 1242	20	90.30	0.3512	ND	0.49
Arochlor 1248	20	90.30	0.1405	ND	0.49
Arochlor 1254	20	90.30	0.0878	ND	0.49
Arochlor 1260	20	90.30	0.0790	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4481.02
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/13/99
	Bldg. 173	**Extraction Date:**	5/19/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/25/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M8
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	196

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	90.01	0.0065	ND	NLE
beta-BHC	20	90.01	0.0065	ND	NLE
gamma-BHC	20	90.01	0.0087	ND	0.52
delta-BHC	20	90.01	0.0087	ND	NLE
Heptachlor	20	90.01	0.0065	ND	0.15
Aldrin	20	90.01	0.0087	ND	0.04
Heptachlor Epoxide	20	90.01	0.0130	ND	NLE
Endosulfan I	20	90.01	0.0108	ND	NLE
4,4'-DDE	20	90.01	0.0087	0.019	2
Dieldrin	20	90.01	0.0108	ND	0.042
Endrin	20	90.01	0.0108	ND	17
Endosulfan II	20	90.01	0.0087	ND	NLE
4,4'-DDD	20	90.01	0.0130	0.021	3
Endrin Aldehyde	20	90.01	0.0108	ND	NLE
4,4'-DDT	20	90.01	0.0238	0.056	2
Endosulfan-Sulfate	20	90.01	0.0087	ND	NLE
gamma -Chlordane	20	90.01	0.0108	ND	NLE
alpha-Chlordane	20	90.01	0.0108	ND	NLE
Toxaphene	20	90.01	0.0065	ND	0.1
Arochlor 1016	20	90.01	0.2426	ND	0.49
Arochlor 1221	20	90.01	0.4461	ND	0.49
Arochlor 1232	20	90.01	0.3032	ND	0.49
Arochlor 1242	20	90.01	0.3465	ND	0.49
Arochlor 1248	20	90.01	0.1386	ND	0.49
Arochlor 1254	20	90.01	0.0866	ND	0.49
Arochlor 1260	20	90.01	0.0780	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPesticide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPesticide2 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4481.04
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/13/99
	Bldg. 173	**Extraction Date:**	5/19/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/25/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M8
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	197

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	87.29	0.0067	ND	NLE
beta-BHC	20	87.29	0.0067	ND	NLE
gamma-BHC	20	87.29	0.0090	ND	0.52
delta-BHC	20	87.29	0.0090	ND	NLE
Heptachlor	20	87.29	0.0067	ND	0.15
Aldrin	20	87.29	0.0090	ND	0.04
Heptachlor Epoxide	20	87.29	0.0135	ND	NLE
Endosulfan I	20	87.29	0.0112	ND	NLE
4,4'-DDE	20	87.29	0.0090	ND	2
Dieldrin	20	87.29	0.0112	ND	0.042
Endrin	20	87.29	0.0112	ND	17
Endosulfan II	20	87.29	0.0090	ND	NLE
4,4'-DDD	20	87.29	0.0135	ND	3
Endrin Aldehyde	20	87.29	0.0112	ND	NLE
4,4'-DDT	20	87.29	0.0247	ND	2
Endosulfan-Sulfate	20	87.29	0.0090	ND	NLE
gamma -Chlordane	20	87.29	0.0112	ND	NLE
alpha-Chlordane	20	87.29	0.0112	ND	NLE
Toxaphene	20	87.29	0.0067	ND	0.1
Arochlor 1016	20	87.29	0.2518	ND	0.49
Arochlor 1221	20	87.29	0.4632	ND	0.49
Arochlor 1232	20	87.29	0.3148	ND	0.49
Arochlor 1242	20	87.29	0.3598	ND	0.49
Arochlor 1248	20	87.29	0.1439	ND	0.49
Arochlor 1254	20	87.29	0.0899	ND	0.49
Arochlor 1260	20	87.29	0.0809	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPesticide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPesticide2 30m/.32mmID/.25um

002800

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4481.06
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/13/99
	Bldg. 173	**Extraction Date:**	5/19/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/25/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M8
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	198

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	84.24	0.0071	ND	NLE
beta-BHC	20	84.24	0.0071	ND	NLE
gamma-BHC	20	84.24	0.0095	ND	0.52
delta-BHC	20	84.24	0.0095	ND	NLE
Heptachlor	20	84.24	0.0071	ND	0.15
Aldrin	20	84.24	0.0095	ND	0.04
Heptachlor Epoxide	20	84.24	0.0142	ND	NLE
Endosulfan I	20	84.24	0.0119	ND	NLE
4,4'-DDE	20	84.24	0.0095	0.088	2
Dieldrin	20	84.24	0.0119	ND	0.042
Endrin	20	84.24	0.0119	ND	17
Endosulfan II	20	84.24	0.0095	ND	NLE
4,4'-DDD	20	84.24	0.0142	0.066	3
Endrin Aldehyde	20	84.24	0.0119	ND	NLE
4,4'-DDT	20	84.24	0.0261	0.129	2
Endosulfan-Sulfate	20	84.24	0.0095	ND	NLE
gamma -Chlordane	20	84.24	0.0119	0.014	NLE
alpha-Chlordane	20	84.24	0.0119	ND	NLE
Toxaphene	20	84.24	0.0071	ND	0.1
Arochlor 1016	20	84.24	0.2656	ND	0.49
Arochlor 1221	20	84.24	0.4886	ND	0.49
Arochlor 1232	20	84.24	0.3321	ND	0.49
Arochlor 1242	20	84.24	0.3795	ND	0.49
Arochlor 1248	20	84.24	0.1518	ND	0.49
Arochlor 1254	20	84.24	0.0949	ND	0.49
Arochlor 1260	20	84.24	0.0854	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPesticide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPesticide2 30m/.32mmID/.25um

002301

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4481.08
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/13/99
	Bldg. 173	**Extraction Date:**	5/19/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/25/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M8
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	199

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	83.56	0.0070	ND	NLE
beta-BHC	20	83.56	0.0070	ND	NLE
gamma-BHC	20	83.56	0.0093	ND	0.52
delta-BHC	20	83.56	0.0093	ND	NLE
Heptachlor	20	83.56	0.0070	ND	0.15
Aldrin	20	83.56	0.0093	ND	0.04
Heptachlor Epoxide	20	83.56	0.0140	ND	NLE
Endosulfan I	20	83.56	0.0117	ND	NLE
4,4'-DDE	20	83.56	0.0093	0.128	2
Dieldrin	20	83.56	0.0117	ND	0.042
Endrin	20	83.56	0.0117	ND	17
Endosulfan II	20	83.56	0.0093	ND	NLE
4,4'-DDD	20	83.56	0.0140	0.094	3
Endrin Aldehyde	20	83.56	0.0117	ND	NLE
4,4'-DDT	20	83.56	0.0257	0.047	2
Endosulfan-Sulfate	20	83.56	0.0093	ND	NLE
gamma -Chlordane	20	83.56	0.0117	ND	NLE
alpha-Chlordane	20	83.56	0.0117	ND	NLE
Toxaphene	20	83.56	0.0070	ND	0.1
Arochlor 1016	20	83.56	0.2615	ND	0.49
Arochlor 1221	20	83.56	0.4810	ND	0.49
Arochlor 1232	20	83.56	0.3269	ND	0.49
Arochlor 1242	20	83.56	0.3736	ND	0.49
Arochlor 1248	20	83.56	0.1494	ND	0.49
Arochlor 1254	20	83.56	0.0934	ND	0.49
Arochlor 1260	20	83.56	0.0841	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPesticide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPesticide2 30m/.32mmID/.25um

002802

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4481.10
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/13/99
	Bldg. 173	**Extraction Date:**	5/19/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/25/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M8
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	200

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	88.92	0.0065	ND	NLE
beta-BHC	20	88.92	0.0065	ND	NLE
gamma-BHC	20	88.92	0.0087	ND	0.52
delta-BHC	20	88.92	0.0087	ND	NLE
Heptachlor	20	88.92	0.0065	ND	0.15
Aldrin	20	88.92	0.0087	ND	0.04
Heptachlor Epoxide	20	88.92	0.0131	ND	NLE
Endosulfan I	20	88.92	0.0109	ND	NLE
4,4'-DDE	100	88.92	0.0436	2.108	2
Dieldrin	20	88.92	0.0109	ND	0.042
Endrin	20	88.92	0.0109	ND	17
Endosulfan II	20	88.92	0.0087	ND	NLE
4,4'-DDD	100	88.92	0.0654	2.548	3
Endrin Aldehyde	20	88.92	0.0109	ND	NLE
4,4'-DDT	100	88.92	0.1199	3.771	2
Endosulfan-Sulfate	20	88.92	0.0087	ND	NLE
gamma -Chlordane	20	88.92	0.0109	0.036	NLE
alpha-Chlordane	20	88.92	0.0109	ND	NLE
Toxaphene	20	88.92	0.0065	ND	0.1
Arochlor 1016	20	88.92	0.2441	ND	0.49
Arochlor 1221	20	88.92	0.4490	ND	0.49
Arochlor 1232	20	88.92	0.3051	ND	0.49
Arochlor 1242	20	88.92	0.3487	ND	0.49
Arochlor 1248	20	88.92	0.1395	ND	0.49
Arochlor 1254	20	88.92	0.0872	ND	0.49
Arochlor 1260	20	88.92	0.0785	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPesticide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPesticide2 30m/.32mmID/.25um

002803

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4481.14
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/13/99
	Bldg. 173	**Extraction Date:**	5/19/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/25/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M8
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	201

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	92.31	0.0064	ND	NLE
beta-BHC	20	92.31	0.0064	ND	NLE
gamma-BHC	20	92.31	0.0086	ND	0.52
delta-BHC	20	92.31	0.0086	ND	NLE
Heptachlor	20	92.31	0.0064	ND	0.15
Aldrin	20	92.31	0.0086	ND	0.04
Heptachlor Epoxide	20	92.31	0.0129	ND	NLE
Endosulfan I	20	92.31	0.0107	ND	NLE
4,4'-DDE	20	92.31	0.0086	0.035	2
Dieldrin	20	92.31	0.0107	ND	0.042
Endrin	20	92.31	0.0107	ND	17
Endosulfan II	20	92.31	0.0086	ND	NLE
4,4'-DDD	20	92.31	0.0129	0.053	3
Endrin Aldehyde	20	92.31	0.0107	ND	NLE
4,4'-DDT	20	92.31	0.0236	0.119	2
Endosulfan-Sulfate	20	92.31	0.0086	ND	NLE
gamma -Chlordane	20	92.31	0.0107	ND	NLE
alpha-Chlordane	20	92.31	0.0107	0.011	NLE
Toxaphene	20	92.31	0.0064	ND	0.1
Arochlor 1016	20	92.31	0.2405	ND	0.49
Arochlor 1221	20	92.31	0.4423	ND	0.49
Arochlor 1232	20	92.31	0.3006	ND	0.49
Arochlor 1242	20	92.31	0.3436	ND	0.49
Arochlor 1248	20	92.31	0.1374	ND	0.49
Arochlor 1254	20	92.31	0.0859	ND	0.49
Arochlor 1260	20	92.31	0.0773	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPesticide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPesticide2 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4481.16
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/13/99
	Bldg. 173	**Extraction Date:**	5/19/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/25/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M8
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	202

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	83.28	0.0071	ND	NLE
beta-BHC	20	83.28	0.0071	ND	NLE
gamma-BHC	20	83.28	0.0095	ND	0.52
delta-BHC	20	83.28	0.0095	ND	NLE
Heptachlor	20	83.28	0.0071	ND	0.15
Aldrin	20	83.28	0.0095	ND	0.04
Heptachlor Epoxide	20	83.28	0.0143	ND	NLE
Endosulfan I	20	83.28	0.0119	ND	NLE
4,4'-DDE	20	83.28	0.0095	0.459	2
Dieldrin	20	83.28	0.0119	ND	0.042
Endrin	20	83.28	0.0119	ND	17
Endosulfan II	20	83.28	0.0095	ND	NLE
4,4'-DDD	20	83.28	0.0143	0.316	3
Endrin Aldehyde	20	83.28	0.0119	ND	NLE
4,4'-DDT	20	83.28	0.0262	0.188	2
Endosulfan-Sulfate	20	83.28	0.0095	ND	NLE
gamma -Chlordane	20	83.28	0.0119	0.015	NLE
alpha-Chlordane	20	83.28	0.0119	0.014	NLE
Toxaphene	20	83.28	0.0071	ND	0.1
Arochlor 1016	20	83.28	0.2663	ND	0.49
Arochlor 1221	20	83.28	0.4898	ND	0.49
Arochlor 1232	20	83.28	0.3329	ND	0.49
Arochlor 1242	20	83.28	0.3804	ND	0.49
Arochlor 1248	20	83.28	0.1522	ND	0.49
Arochlor 1254	20	83.28	0.0951	ND	0.49
Arochlor 1260	20	83.28	0.0856	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPesticide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPesticide2 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4481.18
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/13/99
	Bldg. 173	**Extraction Date:**	5/19/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/25/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M8
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	203

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	84.01	0.0070	ND	NLE
beta-BHC	20	84.01	0.0070	ND	NLE
gamma-BHC	20	84.01	0.0093	ND	0.52
delta-BHC	20	84.01	0.0093	ND	NLE
Heptachlor	20	84.01	0.0070	ND	0.15
Aldrin	20	84.01	0.0093	ND	0.04
Heptachlor Epoxide	20	84.01	0.0139	ND	NLE
Endosulfan I	20	84.01	0.0116	ND	NLE
4,4'-DDE	20	84.01	0.0093	0.066	2
Dieldrin	20	84.01	0.0116	ND	0.042
Endrin	20	84.01	0.0116	ND	17
Endosulfan II	20	84.01	0.0093	ND	NLE
4,4'-DDD	20	84.01	0.0139	0.134	3
Endrin Aldehyde	20	84.01	0.0116	ND	NLE
4,4'-DDT	20	84.01	0.0255	0.033	2
Endosulfan-Sulfate	20	84.01	0.0093	ND	NLE
gamma -Chlordane	20	84.01	0.0116	ND	NLE
alpha-Chlordane	20	84.01	0.0116	ND	NLE
Toxaphene	20	84.01	0.0070	ND	0.1
Arochlor 1016	20	84.01	0.2599	ND	0.49
Arochlor 1221	20	84.01	0.4780	ND	0.49
Arochlor 1232	20	84.01	0.3248	ND	0.49
Arochlor 1242	20	84.01	0.3713	ND	0.49
Arochlor 1248	20	84.01	0.1485	ND	0.49
Arochlor 1254	20	84.01	0.0928	ND	0.49
Arochlor 1260	20	84.01	0.0835	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPesticide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPesticide2 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4481.20
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/13/99
	Bldg. 173	**Extraction Date:**	5/19/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/25/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M8
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	204

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	84.80	0.0069	ND	NLE
beta-BHC	20	84.80	0.0069	ND	NLE
gamma-BHC	20	84.80	0.0092	ND	0.52
delta-BHC	20	84.80	0.0092	ND	NLE
Heptachlor	20	84.80	0.0069	ND	0.15
Aldrin	20	84.80	0.0092	ND	0.04
Heptachlor Epoxide	20	84.80	0.0138	ND	NLE
Endosulfan I	20	84.80	0.0115	ND	NLE
4,4'-DDE	20	84.80	0.0092	0.143	2
Dieldrin	20	84.80	0.0115	ND	0.042
Endrin	20	84.80	0.0115	ND	17
Endosulfan II	20	84.80	0.0092	ND	NLE
4,4'-DDD	20	84.80	0.0138	0.399	3
Endrin Aldehyde	20	84.80	0.0115	ND	NLE
4,4'-DDT	20	84.80	0.0252	0.326	2
Endosulfan-Sulfate	20	84.80	0.0092	ND	NLE
gamma -Chlordane	20	84.80	0.0115	0.072	NLE
alpha-Chlordane	20	84.80	0.0115	0.064	NLE
Toxaphene	20	84.80	0.0069	ND	0.1
Arochlor 1016	20	84.80	0.2570	ND	0.49
Arochlor 1221	20	84.80	0.4726	ND	0.49
Arochlor 1232	20	84.80	0.3212	ND	0.49
Arochlor 1242	20	84.80	0.3671	ND	0.49
Arochlor 1248	20	84.80	0.1468	ND	0.49
Arochlor 1254	20	84.80	0.0918	ND	0.49
Arochlor 1260	20	84.80	0.0826	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPesticide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPesticide2 30m/.32mmID/.25um

002807

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4481.22
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/13/99
	Bldg. 173	**Extraction Date:**	5/19/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/26/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M8
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	205

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	87.03	0.0068	ND	NLE
beta-BHC	20	87.03	0.0068	ND	NLE
gamma-BHC	20	87.03	0.0091	ND	0.52
delta-BHC	20	87.03	0.0091	ND	NLE
Heptachlor	20	87.03	0.0068	ND	0.15
Aldrin	20	87.03	0.0091	ND	0.04
Heptachlor Epoxide	20	87.03	0.0136	ND	NLE
Endosulfan I	20	87.03	0.0114	ND	NLE
4,4'-DDE	20	87.03	0.0091	0.049	2
Dieldrin	20	87.03	0.0114	ND	0.042
Endrin	20	87.03	0.0114	ND	17
Endosulfan II	20	87.03	0.0091	ND	NLE
4,4'-DDD	20	87.03	0.0136	0.130	3
Endrin Aldehyde	20	87.03	0.0114	ND	NLE
4,4'-DDT	20	87.03	0.0250	0.088	2
Endosulfan-Sulfate	20	87.03	0.0091	ND	NLE
gamma -Chlordane	20	87.03	0.0114	0.022	NLE
alpha-Chlordane	20	87.03	0.0114	0.018	NLE
Toxaphene	20	87.03	0.0068	ND	0.1
Arochlor 1016	20	87.03	0.2543	ND	0.49
Arochlor 1221	20	87.03	0.4678	ND	0.49
Arochlor 1232	20	87.03	0.3179	ND	0.49
Arochlor 1242	20	87.03	0.3633	ND	0.49
Arochlor 1248	20	87.03	0.1453	ND	0.49
Arochlor 1254	20	87.03	0.0908	ND	0.49
Arochlor 1260	20	87.03	0.0817	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPesticide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPesticide2 30m/.32mmID/.25um

002808

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4481.24
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/13/99
	Bldg. 173	**Extraction Date:**	5/19/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/26/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M8
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	206

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	89.49	0.0065	ND	NLE
beta-BHC	20	89.49	0.0065	ND	NLE
gamma-BHC	20	89.49	0.0087	ND	0.52
delta-BHC	20	89.49	0.0087	ND	NLE
Heptachlor	20	89.49	0.0065	ND	0.15
Aldrin	20	89.49	0.0087	ND	0.04
Heptachlor Epoxide	20	89.49	0.0131	ND	NLE
Endosulfan I	20	89.49	0.0109	ND	NLE
4,4'-DDE	20	89.49	0.0087	0.033	2
Dieldrin	20	89.49	0.0109	ND	0.042
Endrin	20	89.49	0.0109	ND	17
Endosulfan II	20	89.49	0.0087	ND	NLE
4,4'-DDD	20	89.49	0.0131	0.082	3
Endrin Aldehyde	20	89.49	0.0109	ND	NLE
4,4'-DDT	20	89.49	0.0240	ND	2
Endosulfan-Sulfate	20	89.49	0.0087	ND	NLE
gamma -Chlordane	20	89.49	0.0109	ND	NLE
alpha-Chlordane	20	89.49	0.0109	ND	NLE
Toxaphene	20	89.49	0.0065	ND	0.1
Arochlor 1016	20	89.49	0.2442	ND	0.49
Arochlor 1221	20	89.49	0.4492	ND	0.49
Arochlor 1232	20	89.49	0.3053	ND	0.49
Arochlor 1242	20	89.49	0.3489	ND	0.49
Arochlor 1248	20	89.49	0.1395	ND	0.49
Arochlor 1254	20	89.49	0.0872	ND	0.49
Arochlor 1260	20	89.49	0.0785	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPesticide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPesticide2 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4481.26
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/13/99
	Bldg. 173	**Extraction Date:**	5/19/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/26/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M8
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	207

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	84.10	0.0068	ND	NLE
beta-BHC	20	84.10	0.0068	ND	NLE
gamma-BHC	20	84.10	0.0091	ND	0.52
delta-BHC	20	84.10	0.0091	ND	NLE
Heptachlor	20	84.10	0.0068	ND	0.15
Aldrin	20	84.10	0.0091	ND	0.04
Heptachlor Epoxide	20	84.10	0.0137	ND	NLE
Endosulfan I	20	84.10	0.0114	ND	NLE
4,4'-DDE	20	84.10	0.0091	0.070	2
Dieldrin	20	84.10	0.0114	ND	0.042
Endrin	20	84.10	0.0114	ND	17
Endosulfan II	20	84.10	0.0091	ND	NLE
4,4'-DDD	20	84.10	0.0137	0.184	3
Endrin Aldehyde	20	84.10	0.0114	ND	NLE
4,4'-DDT	20	84.10	0.0250	0.028	2
Endosulfan-Sulfate	20	84.10	0.0091	ND	NLE
gamma -Chlordane	20	84.10	0.0114	0.021	NLE
alpha-Chlordane	20	84.10	0.0114	ND	NLE
Toxaphene	20	84.10	0.0068	ND	0.1
Arochlor 1016	20	84.10	0.2549	ND	0.49
Arochlor 1221	20	84.10	0.4688	ND	0.49
Arochlor 1232	20	84.10	0.3186	ND	0.49
Arochlor 1242	20	84.10	0.3641	ND	0.49
Arochlor 1248	20	84.10	0.1456	ND	0.49
Arochlor 1254	20	84.10	0.0910	ND	0.49
Arochlor 1260	20	84.10	0.0819	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPesticide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPesticide2 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4484.02
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/14/99
	Bldg. 173	**Extraction Date:**	5/19/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/26/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	208

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	87.28	0.0066	ND	NLE
beta-BHC	20	87.28	0.0066	ND	NLE
gamma-BHC	20	87.28	0.0088	ND	0.52
delta-BHC	20	87.28	0.0088	ND	NLE
Heptachlor	20	87.28	0.0066	ND	0.15
Aldrin	20	87.28	0.0088	ND	0.04
Heptachlor Epoxide	20	87.28	0.0132	ND	NLE
Endosulfan I	20	87.28	0.0110	ND	NLE
4,4'-DDE	20	87.28	0.0088	0.028	2
Dieldrin	20	87.28	0.0110	0.012	0.042
Endrin	20	87.28	0.0110	ND	17
Endosulfan II	20	87.28	0.0088	ND	NLE
4,4'-DDD	20	87.28	0.0132	0.035	3
Endrin Aldehyde	20	87.28	0.0110	ND	NLE
4,4'-DDT	20	87.28	0.0241	0.037	2
Endosulfan-Sulfate	20	87.28	0.0088	ND	NLE
gamma -Chlordane	20	87.28	0.0110	ND	NLE
alpha-Chlordane	20	87.28	0.0110	ND	NLE
Toxaphene	20	87.28	0.0066	ND	0.1
Arochlor 1016	20	87.28	0.2456	ND	0.49
Arochlor 1221	20	87.28	0.4517	ND	0.49
Arochlor 1232	20	87.28	0.3070	ND	0.49
Arochlor 1242	20	87.28	0.3508	ND	0.49
Arochlor 1248	20	87.28	0.1403	ND	0.49
Arochlor 1254	20	87.28	0.0877	ND	0.49
Arochlor 1260	20	87.28	0.0789	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002811

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4484.04
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/14/99
	Bldg. 173	**Extraction Date:**	5/19/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/26/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	209

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	89.18	0.0067	ND	NLE
beta-BHC	20	89.18	0.0067	ND	NLE
gamma-BHC	20	89.18	0.0090	ND	0.52
delta-BHC	20	89.18	0.0090	ND	NLE
Heptachlor	20	89.18	0.0067	ND	0.15
Aldrin	20	89.18	0.0090	ND	0.04
Heptachlor Epoxide	20	89.18	0.0134	ND	NLE
Endosulfan I	20	89.18	0.0112	ND	NLE
4,4'-DDE	20	89.18	0.0090	0.037	2
Dieldrin	20	89.18	0.0112	0.021	0.042
Endrin	20	89.18	0.0112	ND	17
Endosulfan II	20	89.18	0.0090	ND	NLE
4,4'-DDD	20	89.18	0.0134	0.050	3
Endrin Aldehyde	20	89.18	0.0112	ND	NLE
4,4'-DDT	20	89.18	0.0246	0.067	2
Endosulfan-Sulfate	20	89.18	0.0090	ND	NLE
gamma -Chlordane	20	89.18	0.0112	0.015	NLE
alpha-Chlordane	20	89.18	0.0112	0.013	NLE
Toxaphene	20	89.18	0.0067	ND	0.1
Arochlor 1016	20	89.18	0.2507	ND	0.49
Arochlor 1221	20	89.18	0.4611	ND	0.49
Arochlor 1232	20	89.18	0.3133	ND	0.49
Arochlor 1242	20	89.18	0.3581	ND	0.49
Arochlor 1248	20	89.18	0.1432	ND	0.49
Arochlor 1254	20	89.18	0.0895	ND	0.49
Arochlor 1260	20	89.18	0.0806	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002812

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4484.06
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/14/99
	Bldg. 173	**Extraction Date:**	5/19/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/26/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	210

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	86.77	0.0067	ND	NLE
beta-BHC	20	86.77	0.0067	ND	NLE
gamma-BHC	20	86.77	0.0089	ND	0.52
delta-BHC	20	86.77	0.0089	ND	NLE
Heptachlor	20	86.77	0.0067	ND	0.15
Aldrin	20	86.77	0.0089	ND	0.04
Heptachlor Epoxide	20	86.77	0.0134	ND	NLE
Endosulfan I	20	86.77	0.0111	ND	NLE
4,4'-DDE	20	86.77	0.0089	ND	2
Dieldrin	20	86.77	0.0111	ND	0.042
Endrin	20	86.77	0.0111	ND	17
Endosulfan II	20	86.77	0.0089	ND	NLE
4,4'-DDD	20	86.77	0.0134	ND	3
Endrin Aldehyde	20	86.77	0.0111	ND	NLE
4,4'-DDT	20	86.77	0.0245	ND	2
Endosulfan-Sulfate	20	86.77	0.0089	ND	NLE
gamma -Chlordane	20	86.77	0.0111	ND	NLE
alpha-Chlordane	20	86.77	0.0111	ND	NLE
Toxaphene	20	86.77	0.0067	ND	0.1
Arochlor 1016	20	86.77	0.2497	ND	0.49
Arochlor 1221	20	86.77	0.4592	ND	0.49
Arochlor 1232	20	86.77	0.3121	ND	0.49
Arochlor 1242	20	86.77	0.3567	ND	0.49
Arochlor 1248	20	86.77	0.1427	ND	0.49
Arochlor 1254	20	86.77	0.0892	ND	0.49
Arochlor 1260	20	86.77	0.0802	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002813

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4484.08
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/14/99
	Bldg. 173	**Extraction Date:**	5/19/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/26/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	211

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	90.46	0.0065	ND	NLE
beta-BHC	20	90.46	0.0065	ND	NLE
gamma-BHC	20	90.46	0.0087	ND	0.52
delta-BHC	20	90.46	0.0087	ND	NLE
Heptachlor	20	90.46	0.0065	ND	0.15
Aldrin	20	90.46	0.0087	ND	0.04
Heptachlor Epoxide	20	90.46	0.0130	ND	NLE
Endosulfan I	20	90.46	0.0108	ND	NLE
4,4'-DDE	20	90.46	0.0087	0.055	2
Dieldrin	20	90.46	0.0108	ND	0.042
Endrin	20	90.46	0.0108	ND	17
Endosulfan II	20	90.46	0.0087	ND	NLE
4,4'-DDD	20	90.46	0.0130	0.078	3
Endrin Aldehyde	20	90.46	0.0108	ND	NLE
4,4'-DDT	20	90.46	0.0238	0.237	2
Endosulfan-Sulfate	20	90.46	0.0087	ND	NLE
gamma -Chlordane	20	90.46	0.0108	0.014	NLE
alpha-Chlordane	20	90.46	0.0108	0.012	NLE
Toxaphene	20	90.46	0.0065	ND	0.1
Arochlor 1016	20	90.46	0.2428	ND	0.49
Arochlor 1221	20	90.46	0.4465	ND	0.49
Arochlor 1232	20	90.46	0.3035	ND	0.49
Arochlor 1242	20	90.46	0.3468	ND	0.49
Arochlor 1248	20	90.46	0.1387	ND	0.49
Arochlor 1254	20	90.46	0.0867	ND	0.49
Arochlor 1260	20	90.46	0.0780	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002814

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4484.10
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/14/99
	Bldg. 173	**Extraction Date:**	5/19/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/26/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	212

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	86.91	0.0067	ND	NLE
beta-BHC	20	86.91	0.0067	ND	NLE
gamma-BHC	20	86.91	0.0090	ND	0.52
delta-BHC	20	86.91	0.0090	ND	NLE
Heptachlor	20	86.91	0.0067	ND	0.15
Aldrin	20	86.91	0.0090	ND	0.04
Heptachlor Epoxide	20	86.91	0.0134	ND	NLE
Endosulfan I	20	86.91	0.0112	ND	NLE
4,4'-DDE	20	86.91	0.0090	0.018	2
Dieldrin	20	86.91	0.0112	ND	0.042
Endrin	20	86.91	0.0112	ND	17
Endosulfan II	20	86.91	0.0090	ND	NLE
4,4'-DDD	20	86.91	0.0134	0.037	3
Endrin Aldehyde	20	86.91	0.0112	ND	NLE
4,4'-DDT	20	86.91	0.0246	ND	2
Endosulfan-Sulfate	20	86.91	0.0090	ND	NLE
gamma -Chlordane	20	86.91	0.0112	ND	NLE
alpha-Chlordane	20	86.91	0.0112	ND	NLE
Toxaphene	20	86.91	0.0067	ND	0.1
Arochlor 1016	20	86.91	0.2510	ND	0.49
Arochlor 1221	20	86.91	0.4616	ND	0.49
Arochlor 1232	20	86.91	0.3137	ND	0.49
Arochlor 1242	20	86.91	0.3585	ND	0.49
Arochlor 1248	20	86.91	0.1434	ND	0.49
Arochlor 1254	20	86.91	0.0896	ND	0.49
Arochlor 1260	20	86.91	0.0807	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002815

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4490.02
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/17/99
	Bldg. 173	**Extraction Date:**	5/19/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/28/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M8
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	213

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	87.70	0.0068	ND	NLE
beta-BHC	20	87.70	0.0068	ND	NLE
gamma-BHC	20	87.70	0.0091	ND	0.52
delta-BHC	20	87.70	0.0091	ND	NLE
Heptachlor	20	87.70	0.0068	ND	0.15
Aldrin	20	87.70	0.0091	ND	0.04
Heptachlor Epoxide	20	87.70	0.0136	ND	NLE
Endosulfan I	20	87.70	0.0114	ND	NLE
4,4'-DDE	20	87.70	0.0091	0.087	2
Dieldrin	20	87.70	0.0114	ND	0.042
Endrin	20	87.70	0.0114	ND	17
Endosulfan II	20	87.70	0.0091	ND	NLE
4,4'-DDD	20	87.70	0.0136	0.130	3
Endrin Aldehyde	20	87.70	0.0114	ND	NLE
4,4'-DDT	20	87.70	0.0250	0.054	2
Endosulfan-Sulfate	20	87.70	0.0091	ND	NLE
gamma -Chlordane	20	87.70	0.0114	0.069	NLE
alpha-Chlordane	20	87.70	0.0114	0.063	NLE
Toxaphene	20	87.70	0.0068	ND	0.1
Arochlor 1016	20	87.70	0.2544	ND	0.49
Arochlor 1221	20	87.70	0.4679	ND	0.49
Arochlor 1232	20	87.70	0.3180	ND	0.49
Arochlor 1242	20	87.70	0.3634	ND	0.49
Arochlor 1248	20	87.70	0.1454	ND	0.49
Arochlor 1254	20	87.70	0.0909	ND	0.49
Arochlor 1260	20	87.70	0.0818	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPesticide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPesticide2 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4490.04
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/17/99
	Bldg. 173	**Extraction Date:**	5/19/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/28/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M8
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	214

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	81.48	0.0073	ND	NLE
beta-BHC	20	81.48	0.0073	ND	NLE
gamma-BHC	20	81.48	0.0097	ND	0.52
delta-BHC	20	81.48	0.0097	ND	NLE
Heptachlor	20	81.48	0.0073	ND	0.15
Aldrin	20	81.48	0.0097	ND	0.04
Heptachlor Epoxide	20	81.48	0.0145	ND	NLE
Endosulfan I	20	81.48	0.0121	ND	NLE
4,4'-DDE	20	81.48	0.0097	0.070	2
Dieldrin	20	81.48	0.0121	ND	0.042
Endrin	20	81.48	0.0121	ND	17
Endosulfan II	20	81.48	0.0097	ND	NLE
4,4'-DDD	20	81.48	0.0145	0.132	3
Endrin Aldehyde	20	81.48	0.0121	ND	NLE
4,4'-DDT	20	81.48	0.0267	0.235	2
Endosulfan-Sulfate	20	81.48	0.0097	ND	NLE
gamma -Chlordane	20	81.48	0.0121	0.037	NLE
alpha-Chlordane	20	81.48	0.0121	0.034	NLE
Toxaphene	20	81.48	0.0073	ND	0.1
Arochlor 1016	1	81.48	0.0136	ND	0.49
Arochlor 1221	1	81.48	0.0250	ND	0.49
Arochlor 1232	1	81.48	0.0170	ND	0.49
Arochlor 1242	1	81.48	0.0194	ND	0.49
Arochlor 1248	1	81.48	0.0078	ND	0.49
Arochlor 1254	1	81.48	0.0048	ND	0.49
Arochlor 1260	1	81.48	0.0044	3.268	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPesticide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPesticide2 30m/.32mmID/.25um

002817

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4490.06
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/17/99
	Bldg. 173	**Extraction Date:**	5/19/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/28/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M8
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	215

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	95.48	0.0062	ND	NLE
beta-BHC	20	95.48	0.0062	ND	NLE
gamma-BHC	20	95.48	0.0083	ND	0.52
delta-BHC	20	95.48	0.0083	ND	NLE
Heptachlor	20	95.48	0.0062	ND	0.15
Aldrin	20	95.48	0.0083	ND	0.04
Heptachlor Epoxide	20	95.48	0.0125	ND	NLE
Endosulfan I	20	95.48	0.0104	ND	NLE
4,4'-DDE	20	95.48	0.0083	0.058	2
Dieldrin	20	95.48	0.0104	ND	0.042
Endrin	20	95.48	0.0104	ND	17
Endosulfan II	20	95.48	0.0083	ND	NLE
4,4'-DDD	20	95.48	0.0125	0.047	3
Endrin Aldehyde	20	95.48	0.0104	ND	NLE
4,4'-DDT	20	95.48	0.0229	0.306	2
Endosulfan-Sulfate	20	95.48	0.0083	ND	NLE
gamma -Chlordane	20	95.48	0.0104	ND	NLE
alpha-Chlordane	20	95.48	0.0104	ND	NLE
Toxaphene	20	95.48	0.0062	ND	0.1
Arochlor 1016	20	95.48	0.2327	ND	0.49
Arochlor 1221	20	95.48	0.4281	ND	0.49
Arochlor 1232	20	95.48	0.2909	ND	0.49
Arochlor 1242	20	95.48	0.3325	ND	0.49
Arochlor 1248	20	95.48	0.1330	ND	0.49
Arochlor 1254	20	95.48	0.0831	ND	0.49
Arochlor 1260	20	95.48	0.0748	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPesticide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPesticide2 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4490.08
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/17/99
	Bldg. 173	**Extraction Date:**	5/19/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/28/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M8
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	216

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	95.42	0.0062	ND	NLE
beta-BHC	20	95.42	0.0062	ND	NLE
gamma-BHC	20	95.42	0.0083	ND	0.52
delta-BHC	20	95.42	0.0083	ND	NLE
Heptachlor	20	95.42	0.0062	ND	0.15
Aldrin	20	95.42	0.0083	ND	0.04
Heptachlor Epoxide	20	95.42	0.0124	ND	NLE
Endosulfan I	20	95.42	0.0104	ND	NLE
4,4'-DDE	20	95.42	0.0083	0.091	2
Dieldrin	20	95.42	0.0104	ND	0.042
Endrin	20	95.42	0.0104	ND	17
Endosulfan II	20	95.42	0.0083	ND	NLE
4,4'-DDD	20	95.42	0.0124	0.023	3
Endrin Aldehyde	20	95.42	0.0104	ND	NLE
4,4'-DDT	20	95.42	0.0228	0.049	2
Endosulfan-Sulfate	20	95.42	0.0083	ND	NLE
gamma -Chlordane	20	95.42	0.0104	ND	NLE
alpha-Chlordane	20	95.42	0.0104	ND	NLE
Toxaphene	20	95.42	0.0062	ND	0.1
Arochlor 1016	20	95.42	0.2322	ND	0.49
Arochlor 1221	20	95.42	0.4271	ND	0.49
Arochlor 1232	20	95.42	0.2902	ND	0.49
Arochlor 1242	20	95.42	0.3317	ND	0.49
Arochlor 1248	20	95.42	0.1327	ND	0.49
Arochlor 1254	20	95.42	0.0829	ND	0.49
Arochlor 1260	20	95.42	0.0746	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPesticide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPesticide2 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4490.10
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/17/99
	Bldg. 173	**Extraction Date:**	5/19/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/28/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M8
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	217

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	91.86	0.0064	ND	NLE
beta-BHC	20	91.86	0.0064	ND	NLE
gamma-BHC	20	91.86	0.0085	ND	0.52
delta-BHC	20	91.86	0.0085	ND	NLE
Heptachlor	20	91.86	0.0064	ND	0.15
Aldrin	20	91.86	0.0085	ND	0.04
Heptachlor Epoxide	20	91.86	0.0128	ND	NLE
Endosulfan I	20	91.86	0.0107	ND	NLE
4,4'-DDE	20	91.86	0.0085	0.175	2
Dieldrin	20	91.86	0.0107	0.037	0.042
Endrin	20	91.86	0.0107	ND	17
Endosulfan II	20	91.86	0.0085	ND	NLE
4,4'-DDD	20	91.86	0.0128	0.344	3
Endrin Aldehyde	20	91.86	0.0107	ND	NLE
4,4'-DDT	20	91.86	0.0234	0.493	2
Endosulfan-Sulfate	20	91.86	0.0085	ND	NLE
gamma -Chlordane	20	91.86	0.0107	0.038	NLE
alpha-Chlordane	20	91.86	0.0107	0.029	NLE
Toxaphene	20	91.86	0.0064	ND	0.1
Arochlor 1016	20	91.86	0.2386	ND	0.49
Arochlor 1221	20	91.86	0.4389	ND	0.49
Arochlor 1232	20	91.86	0.2983	ND	0.49
Arochlor 1242	20	91.86	0.3409	ND	0.49
Arochlor 1248	20	91.86	0.1363	ND	0.49
Arochlor 1254	20	91.86	0.0852	ND	0.49
Arochlor 1260	20	91.86	0.0767	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPesticide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPesticide2 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4490.14
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/17/99
	Bldg. 173	**Extraction Date:**	5/21/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/1/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M8
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	218

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	97.92	0.0060	ND	NLE
beta-BHC	20	97.92	0.0060	ND	NLE
gamma-BHC	20	97.92	0.0080	ND	0.52
delta-BHC	20	97.92	0.0080	ND	NLE
Heptachlor	20	97.92	0.0060	ND	0.15
Aldrin	20	97.92	0.0080	ND	0.04
Heptachlor Epoxide	20	97.92	0.0120	ND	NLE
Endosulfan I	20	97.92	0.0100	ND	NLE
4,4'-DDE	20	97.92	0.0080	ND	2
Dieldrin	20	97.92	0.0100	ND	0.042
Endrin	20	97.92	0.0100	ND	17
Endosulfan II	20	97.92	0.0080	ND	NLE
4,4'-DDD	20	97.92	0.0120	ND	3
Endrin Aldehyde	20	97.92	0.0100	ND	NLE
4,4'-DDT	20	97.92	0.0220	ND	2
Endosulfan-Sulfate	20	97.92	0.0080	ND	NLE
gamma -Chlordane	20	97.92	0.0100	ND	NLE
alpha-Chlordane	20	97.92	0.0100	ND	NLE
Toxaphene	20	97.92	0.0060	ND	0.1
Arochlor 1016	20	97.92	0.2245	ND	0.49
Arochlor 1221	20	97.92	0.4129	ND	0.49
Arochlor 1232	20	97.92	0.2806	ND	0.49
Arochlor 1242	20	97.92	0.3207	ND	0.49
Arochlor 1248	20	97.92	0.1283	ND	0.49
Arochlor 1254	20	97.92	0.0802	ND	0.49
Arochlor 1260	20	97.92	0.0722	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPesticide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPesticide2 30m/.32mmID/.25um

002821

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4490.16
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/17/99
	Bldg. 173	**Extraction Date:**	5/21/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/1/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M8
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	219

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	88.92	0.0066	ND	NLE
beta-BHC	20	88.92	0.0066	ND	NLE
gamma-BHC	20	88.92	0.0088	ND	0.52
delta-BHC	20	88.92	0.0088	ND	NLE
Heptachlor	20	88.92	0.0066	ND	0.15
Aldrin	20	88.92	0.0088	ND	0.04
Heptachlor Epoxide	20	88.92	0.0132	ND	NLE
Endosulfan I	20	88.92	0.0110	ND	NLE
4,4'-DDE	20	88.92	0.0088	0.138	2
Dieldrin	20	88.92	0.0110	ND	0.042
Endrin	20	88.92	0.0110	ND	17
Endosulfan II	20	88.92	0.0088	ND	NLE
4,4'-DDD	20	88.92	0.0132	0.096	3
Endrin Aldehyde	20	88.92	0.0110	ND	NLE
4,4'-DDT	20	88.92	0.0242	0.232	2
Endosulfan-Sulfate	20	88.92	0.0088	ND	NLE
gamma -Chlordane	20	88.92	0.0110	ND	NLE
alpha-Chlordane	20	88.92	0.0110	ND	NLE
Toxaphene	20	88.92	0.0066	ND	0.1
Arochlor 1016	20	88.92	0.2460	ND	0.49
Arochlor 1221	20	88.92	0.4525	ND	0.49
Arochlor 1232	20	88.92	0.3075	ND	0.49
Arochlor 1242	20	88.92	0.3514	ND	0.49
Arochlor 1248	20	88.92	0.1406	ND	0.49
Arochlor 1254	20	88.92	0.0879	ND	0.49
Arochlor 1260	20	88.92	0.0791	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPesticide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPesticide2 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4490.18
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/17/99
	Bldg. 173	**Extraction Date:**	5/21/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/1/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M8
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	220

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	79.55	0.0072	ND	NLE
beta-BHC	20	79.55	0.0072	ND	NLE
gamma-BHC	20	79.55	0.0096	ND	0.52
delta-BHC	20	79.55	0.0096	ND	NLE
Heptachlor	20	79.55	0.0072	ND	0.15
Aldrin	20	79.55	0.0096	ND	0.04
Heptachlor Epoxide	20	79.55	0.0143	ND	NLE
Endosulfan I	20	79.55	0.0119	ND	NLE
4,4'-DDE	20	79.55	0.0096	0.475	2
Dieldrin	20	79.55	0.0119	0.029	0.042
Endrin	20	79.55	0.0119	ND	17
Endosulfan II	20	79.55	0.0096	ND	NLE
4,4'-DDD	100	79.55	0.0717	9.331	3
Endrin Aldehyde	20	79.55	0.0119	ND	NLE
4,4'-DDT	20	79.55	0.0263	0.492	2
Endosulfan-Sulfate	20	79.55	0.0096	ND	NLE
gamma -Chlordane	20	79.55	0.0119	0.066	NLE
alpha-Chlordane	20	79.55	0.0119	0.052	NLE
Toxaphene	20	79.55	0.0072	ND	0.1
Arochlor 1016	20	79.55	0.2677	ND	0.49
Arochlor 1221	20	79.55	0.4923	ND	0.49
Arochlor 1232	20	79.55	0.3346	ND	0.49
Arochlor 1242	20	79.55	0.3824	ND	0.49
Arochlor 1248	20	79.55	0.1530	ND	0.49
Arochlor 1254	20	79.55	0.0956	ND	0.49
Arochlor 1260	20	79.55	0.0860	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPesticide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPesticide2 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4490.20
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/17/99
	Bldg. 173	**Extraction Date:**	5/21/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/1/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M8
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	221

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	77.14	0.0071	ND	NLE
beta-BHC	20	77.14	0.0071	ND	NLE
gamma-BHC	20	77.14	0.0095	ND	0.52
delta-BHC	20	77.14	0.0095	ND	NLE
Heptachlor	20	77.14	0.0071	ND	0.15
Aldrin	20	77.14	0.0095	ND	0.04
Heptachlor Epoxide	20	77.14	0.0142	ND	NLE
Endosulfan I	20	77.14	0.0119	ND	NLE
4,4'-DDE	20	77.14	0.0095	0.246	2
Dieldrin	20	77.14	0.0119	0.037	0.042
Endrin	20	77.14	0.0119	ND	17
Endosulfan II	20	77.14	0.0095	ND	NLE
4,4'-DDD	20	77.14	0.0142	0.464	3
Endrin Aldehyde	20	77.14	0.0119	ND	NLE
4,4'-DDT	20	77.14	0.0261	0.354	2
Endosulfan-Sulfate	20	77.14	0.0095	ND	NLE
gamma -Chlordane	20	77.14	0.0119	0.043	NLE
alpha-Chlordane	20	77.14	0.0119	0.049	NLE
Toxaphene	20	77.14	0.0071	ND	0.1
Arochlor 1016	20	77.14	0.2659	ND	0.49
Arochlor 1221	20	77.14	0.4891	ND	0.49
Arochlor 1232	20	77.14	0.3324	ND	0.49
Arochlor 1242	20	77.14	0.3799	ND	0.49
Arochlor 1248	20	77.14	0.1520	ND	0.49
Arochlor 1254	20	77.14	0.0950	ND	0.49
Arochlor 1260	20	77.14	0.0855	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPesticide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPesticide2 30m/.32mmID/.25um

002824

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4490.22
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/17/99
	Bldg. 173	**Extraction Date:**	5/21/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/1/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M8
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	222

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	87.24	0.0069	ND	NLE
beta-BHC	20	87.24	0.0069	ND	NLE
gamma-BHC	20	87.24	0.0092	ND	0.52
delta-BHC	20	87.24	0.0092	ND	NLE
Heptachlor	20	87.24	0.0069	ND	0.15
Aldrin	20	87.24	0.0092	ND	0.04
Heptachlor Epoxide	20	87.24	0.0138	ND	NLE
Endosulfan I	20	87.24	0.0115	ND	NLE
4,4'-DDE	20	87.24	0.0092	0.065	2
Dieldrin	20	87.24	0.0115	ND	0.042
Endrin	20	87.24	0.0115	ND	17
Endosulfan II	20	87.24	0.0092	ND	NLE
4,4'-DDD	20	87.24	0.0138	0.201	3
Endrin Aldehyde	20	87.24	0.0115	ND	NLE
4,4'-DDT	20	87.24	0.0253	0.074	2
Endosulfan-Sulfate	20	87.24	0.0092	ND	NLE
gamma -Chlordane	20	87.24	0.0115	ND	NLE
alpha-Chlordane	20	87.24	0.0115	ND	NLE
Toxaphene	20	87.24	0.0069	ND	0.1
Arochlor 1016	20	87.24	0.2575	ND	0.49
Arochlor 1221	20	87.24	0.4737	ND	0.49
Arochlor 1232	20	87.24	0.3219	ND	0.49
Arochlor 1242	20	87.24	0.3679	ND	0.49
Arochlor 1248	20	87.24	0.1472	ND	0.49
Arochlor 1254	20	87.24	0.0920	ND	0.49
Arochlor 1260	20	87.24	0.0828	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPesticide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPesticide2 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4490.24
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/17/99
	Bldg. 173	**Extraction Date:**	5/21/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/1/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M8
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	223

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	85.03	0.0067	ND	NLE
beta-BHC	20	85.03	0.0067	ND	NLE
gamma-BHC	20	85.03	0.0089	ND	0.52
delta-BHC	20	85.03	0.0089	ND	NLE
Heptachlor	20	85.03	0.0067	ND	0.15
Aldrin	20	85.03	0.0089	ND	0.04
Heptachlor Epoxide	20	85.03	0.0134	ND	NLE
Endosulfan I	20	85.03	0.0111	ND	NLE
4,4'-DDE	20	85.03	0.0089	0.208	2
Dieldrin	20	85.03	0.0111	0.031	0.042
Endrin	20	85.03	0.0111	ND	17
Endosulfan II	20	85.03	0.0089	ND	NLE
4,4'-DDD	40	85.03	0.0267	3.632	3
Endrin Aldehyde	20	85.03	0.0111	ND	NLE
4,4'-DDT	20	85.03	0.0245	0.327	2
Endosulfan-Sulfate	20	85.03	0.0089	ND	NLE
gamma -Chlordane	20	85.03	0.0111	0.314	NLE
alpha-Chlordane	20	85.03	0.0111	0.241	NLE
Toxaphene	20	85.03	0.0067	ND	0.1
Arochlor 1016	20	85.03	0.2495	ND	0.49
Arochlor 1221	20	85.03	0.4588	ND	0.49
Arochlor 1232	20	85.03	0.3118	ND	0.49
Arochlor 1242	20	85.03	0.3564	ND	0.49
Arochlor 1248	20	85.03	0.1426	ND	0.49
Arochlor 1254	20	85.03	0.0891	ND	0.49
Arochlor 1260	20	85.03	0.0802	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPesticide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPesticide2 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4490.26
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/17/99
	Bldg. 173	**Extraction Date:**	5/21/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/1/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M8
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	224

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	87.93	0.0069	ND	NLE
beta-BHC	20	87.93	0.0069	ND	NLE
gamma-BHC	20	87.93	0.0092	ND	0.52
delta-BHC	20	87.93	0.0092	ND	NLE
Heptachlor	20	87.93	0.0069	ND	0.15
Aldrin	20	87.93	0.0092	ND	0.04
Heptachlor Epoxide	20	87.93	0.0139	ND	NLE
Endosulfan I	20	87.93	0.0115	ND	NLE
4,4'-DDE	20	87.93	0.0092	0.075	2
Dieldrin	20	87.93	0.0115	ND	0.042
Endrin	20	87.93	0.0115	ND	17
Endosulfan II	20	87.93	0.0092	ND	NLE
4,4'-DDD	20	87.93	0.0139	0.176	3
Endrin Aldehyde	20	87.93	0.0115	ND	NLE
4,4'-DDT	20	87.93	0.0254	0.089	2
Endosulfan-Sulfate	20	87.93	0.0092	ND	NLE
gamma -Chlordane	20	87.93	0.0115	0.024	NLE
alpha-Chlordane	20	87.93	0.0115	0.015	NLE
Toxaphene	20	87.93	0.0069	ND	0.1
Arochlor 1016	20	87.93	0.2586	ND	0.49
Arochlor 1221	20	87.93	0.4757	ND	0.49
Arochlor 1232	20	87.93	0.3233	ND	0.49
Arochlor 1242	20	87.93	0.3695	ND	0.49
Arochlor 1248	20	87.93	0.1478	ND	0.49
Arochlor 1254	20	87.93	0.0924	ND	0.49
Arochlor 1260	20	87.93	0.0831	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPesticide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPesticide2 30m/.32mmID/.25um

002827

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4533.02
	DPW. SELFM-PW-EV	**Date Rec'd:**	6/4/99
	Bldg. 173	**Extraction Date:**	6/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/25/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	225

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	92.28	0.0064	ND	NLE
beta-BHC	20	92.28	0.0064	ND	NLE
gamma-BHC	20	92.28	0.0085	ND	0.52
delta-BHC	20	92.28	0.0085	ND	NLE
Heptachlor	20	92.28	0.0064	ND	0.15
Aldrin	20	92.28	0.0085	ND	0.04
Heptachlor Epoxide	20	92.28	0.0128	ND	NLE
Endosulfan I	20	92.28	0.0107	ND	NLE
4,4'-DDE	20	92.28	0.0085	ND	2
Dieldrin	20	92.28	0.0107	ND	0.042
Endrin	20	92.28	0.0107	ND	17
Endosulfan II	20	92.28	0.0085	ND	NLE
4,4'-DDD	20	92.28	0.0128	ND	3
Endrin Aldehyde	20	92.28	0.0107	ND	NLE
4,4'-DDT	20	92.28	0.0235	ND	2
Endosulfan-Sulfate	20	92.28	0.0085	ND	NLE
gamma -Chlordane	20	92.28	0.0107	ND	NLE
alpha-Chlordane	20	92.28	0.0107	ND	NLE
Toxaphene	20	92.28	0.0064	ND	0.1
Arochlor 1016	20	92.28	0.2394	ND	0.49
Arochlor 1221	20	92.28	0.4403	ND	0.49
Arochlor 1232	20	92.28	0.2992	ND	0.49
Arochlor 1242	20	92.28	0.3420	ND	0.49
Arochlor 1248	20	92.28	0.1368	ND	0.49
Arochlor 1254	20	92.28	0.0855	ND	0.49
Arochlor 1260	20	92.28	0.0769	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002828

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4533.04
	DPW. SELFM-PW-EV	**Date Rec'd:**	6/4/99
	Bldg. 173	**Extraction Date:**	6/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/25/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	226

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	88.40	0.0068	ND	NLE
beta-BHC	20	88.40	0.0068	ND	NLE
gamma-BHC	20	88.40	0.0090	ND	0.52
delta-BHC	20	88.40	0.0090	ND	NLE
Heptachlor	20	88.40	0.0068	ND	0.15
Aldrin	20	88.40	0.0090	ND	0.04
Heptachlor Epoxide	20	88.40	0.0135	ND	NLE
Endosulfan I	20	88.40	0.0113	ND	NLE
4,4'-DDE	20	88.40	0.0090	0.023	2
Dieldrin	20	88.40	0.0113	ND	0.042
Endrin	20	88.40	0.0113	ND	17
Endosulfan II	20	88.40	0.0090	ND	NLE
4,4'-DDD	20	88.40	0.0135	0.031	3
Endrin Aldehyde	20	88.40	0.0113	ND	NLE
4,4'-DDT	20	88.40	0.0248	ND	2
Endosulfan-Sulfate	20	88.40	0.0090	ND	NLE
gamma -Chlordane	20	88.40	0.0113	ND	NLE
alpha-Chlordane	20	88.40	0.0113	ND	NLE
Toxaphene	20	88.40	0.0068	ND	0.1
Arochlor 1016	20	88.40	0.2524	ND	0.49
Arochlor 1221	20	88.40	0.4642	ND	0.49
Arochlor 1232	20	88.40	0.3155	ND	0.49
Arochlor 1242	20	88.40	0.3605	ND	0.49
Arochlor 1248	20	88.40	0.1442	ND	0.49
Arochlor 1254	20	88.40	0.0901	ND	0.49
Arochlor 1260	20	88.40	0.0811	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002829

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4533.06
	DPW. SELFM-PW-EV	**Date Rec'd:**	6/4/99
	Bldg. 173	**Extraction Date:**	6/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/25/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	227

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	90.49	0.0065	ND	NLE
beta-BHC	20	90.49	0.0065	ND	NLE
gamma-BHC	20	90.49	0.0087	ND	0.52
delta-BHC	20	90.49	0.0087	ND	NLE
Heptachlor	20	90.49	0.0065	ND	0.15
Aldrin	20	90.49	0.0087	ND	0.04
Heptachlor Epoxide	20	90.49	0.0131	ND	NLE
Endosulfan I	20	90.49	0.0109	ND	NLE
4,4'-DDE	20	90.49	0.0087	0.020	2
Dieldrin	20	90.49	0.0109	ND	0.042
Endrin	20	90.49	0.0109	ND	17
Endosulfan II	20	90.49	0.0087	ND	NLE
4,4'-DDD	20	90.49	0.0131	0.020	3
Endrin Aldehyde	20	90.49	0.0109	ND	NLE
4,4'-DDT	20	90.49	0.0239	0.032	2
Endosulfan-Sulfate	20	90.49	0.0087	ND	NLE
gamma -Chlordane	20	90.49	0.0109	ND	NLE
alpha-Chlordane	20	90.49	0.0109	ND	NLE
Toxaphene	20	90.49	0.0065	ND	0.1
Arochlor 1016	20	90.49	0.2436	ND	0.49
Arochlor 1221	20	90.49	0.4481	ND	0.49
Arochlor 1232	20	90.49	0.3046	ND	0.49
Arochlor 1242	20	90.49	0.3481	ND	0.49
Arochlor 1248	20	90.49	0.1392	ND	0.49
Arochlor 1254	20	90.49	0.0870	ND	0.49
Arochlor 1260	20	90.49	0.0783	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4533.08
	DPW. SELFM-PW-EV	**Date Rec'd:**	6/4/99
	Bldg. 173	**Extraction Date:**	6/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/26/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	228

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	76.22	0.0076	ND	NLE
beta-BHC	20	76.22	0.0076	ND	NLE
gamma-BHC	20	76.22	0.0102	ND	0.52
delta-BHC	20	76.22	0.0102	ND	NLE
Heptachlor	20	76.22	0.0076	ND	0.15
Aldrin	20	76.22	0.0102	ND	0.04
Heptachlor Epoxide	20	76.22	0.0152	ND	NLE
Endosulfan I	20	76.22	0.0127	ND	NLE
4,4'-DDE	20	76.22	0.0102	0.027	2
Dieldrin	20	76.22	0.0127	ND	0.042
Endrin	20	76.22	0.0127	ND	17
Endosulfan II	20	76.22	0.0102	ND	NLE
4,4'-DDD	20	76.22	0.0152	ND	3
Endrin Aldehyde	20	76.22	0.0127	ND	NLE
4,4'-DDT	20	76.22	0.0279	ND	2
Endosulfan-Sulfate	20	76.22	0.0102	ND	NLE
gamma -Chlordane	20	76.22	0.0127	ND	NLE
alpha-Chlordane	20	76.22	0.0127	ND	NLE
Toxaphene	20	76.22	0.0076	ND	0.1
Arochlor 1016	5	76.22	0.0711	ND	0.49
Arochlor 1221	5	76.22	0.1308	ND	0.49
Arochlor 1232	5	76.22	0.0889	ND	0.49
Arochlor 1242	5	76.22	0.1016	ND	0.49
Arochlor 1248	5	76.22	0.0406	ND	0.49
Arochlor 1254	5	76.22	0.0254	ND	0.49
Arochlor 1260	5	76.22	0.0229	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002831

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4533.10
	DPW. SELFM-PW-EV	**Date Rec'd:**	6/4/99
	Bldg. 173	**Extraction Date:**	6/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/26/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	229

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	92.76	0.0064	ND	NLE
beta-BHC	20	92.76	0.0064	ND	NLE
gamma-BHC	20	92.76	0.0086	ND	0.52
delta-BHC	20	92.76	0.0086	ND	NLE
Heptachlor	20	92.76	0.0064	ND	0.15
Aldrin	20	92.76	0.0086	ND	0.04
Heptachlor Epoxide	20	92.76	0.0129	ND	NLE
Endosulfan I	20	92.76	0.0107	ND	NLE
4,4'-DDE	20	92.76	0.0086	0.024	2
Dieldrin	20	92.76	0.0107	ND	0.042
Endrin	20	92.76	0.0107	ND	17
Endosulfan II	20	92.76	0.0086	ND	NLE
4,4'-DDD	20	92.76	0.0129	0.016	3
Endrin Aldehyde	20	92.76	0.0107	ND	NLE
4,4'-DDT	20	92.76	0.0236	0.032	2
Endosulfan-Sulfate	20	92.76	0.0086	ND	NLE
gamma -Chlordane	20	92.76	0.0107	ND	NLE
alpha-Chlordane	20	92.76	0.0107	ND	NLE
Toxaphene	20	92.76	0.0064	ND	0.1
Arochlor 1016	20	92.76	0.2405	ND	0.49
Arochlor 1221	20	92.76	0.4424	ND	0.49
Arochlor 1232	20	92.76	0.3007	ND	0.49
Arochlor 1242	20	92.76	0.3436	ND	0.49
Arochlor 1248	20	92.76	0.1374	ND	0.49
Arochlor 1254	20	92.76	0.0859	ND	0.49
Arochlor 1260	20	92.76	0.0773	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002832

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4533.14
	DPW. SELFM-PW-EV	**Date Rec'd:**	6/4/99
	Bldg. 173	**Extraction Date:**	6/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/26/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	230

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	89.51	0.0066	ND	NLE
beta-BHC	20	89.51	0.0066	ND	NLE
gamma-BHC	20	89.51	0.0088	ND	0.52
delta-BHC	20	89.51	0.0088	ND	NLE
Heptachlor	20	89.51	0.0066	ND	0.15
Aldrin	20	89.51	0.0088	ND	0.04
Heptachlor Epoxide	20	89.51	0.0132	ND	NLE
Endosulfan I	20	89.51	0.0110	ND	NLE
4,4'-DDE	20	89.51	0.0088	0.104	2
Dieldrin	20	89.51	0.0110	ND	0.042
Endrin	20	89.51	0.0110	ND	17
Endosulfan II	20	89.51	0.0088	ND	NLE
4,4'-DDD	20	89.51	0.0132	0.222	3
Endrin Aldehyde	20	89.51	0.0110	ND	NLE
4,4'-DDT	20	89.51	0.0242	0.264	2
Endosulfan-Sulfate	20	89.51	0.0088	ND	NLE
gamma -Chlordane	20	89.51	0.0110	ND	NLE
alpha-Chlordane	20	89.51	0.0110	ND	NLE
Toxaphene	20	89.51	0.0066	ND	0.1
Arochlor 1016	20	89.51	0.2463	ND	0.49
Arochlor 1221	20	89.51	0.4530	ND	0.49
Arochlor 1232	20	89.51	0.3079	ND	0.49
Arochlor 1242	20	89.51	0.3519	ND	0.49
Arochlor 1248	20	89.51	0.1407	ND	0.49
Arochlor 1254	20	89.51	0.0880	ND	0.49
Arochlor 1260	20	89.51	0.0792	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002833

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4533.16
	DPW. SELFM-PW-EV	**Date Rec'd:**	6/4/99
	Bldg. 173	**Extraction Date:**	6/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/26/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	231

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	93.34	0.0063	ND	NLE
beta-BHC	20	93.34	0.0063	ND	NLE
gamma-BHC	20	93.34	0.0084	ND	0.52
delta-BHC	20	93.34	0.0084	ND	NLE
Heptachlor	20	93.34	0.0063	ND	0.15
Aldrin	20	93.34	0.0084	ND	0.04
Heptachlor Epoxide	20	93.34	0.0126	ND	NLE
Endosulfan I	20	93.34	0.0105	ND	NLE
4,4'-DDE	20	93.34	0.0084	0.030	2
Dieldrin	20	93.34	0.0105	ND	0.042
Endrin	20	93.34	0.0105	ND	17
Endosulfan II	20	93.34	0.0084	ND	NLE
4,4'-DDD	20	93.34	0.0126	0.041	3
Endrin Aldehyde	20	93.34	0.0105	ND	NLE
4,4'-DDT	20	93.34	0.0232	0.117	2
Endosulfan-Sulfate	20	93.34	0.0084	ND	NLE
gamma -Chlordane	20	93.34	0.0105	ND	NLE
alpha-Chlordane	20	93.34	0.0105	ND	NLE
Toxaphene	20	93.34	0.0063	ND	0.1
Arochlor 1016	20	93.34	0.2357	ND	0.49
Arochlor 1221	20	93.34	0.4336	ND	0.49
Arochlor 1232	20	93.34	0.2947	ND	0.49
Arochlor 1242	20	93.34	0.3368	ND	0.49
Arochlor 1248	20	93.34	0.1347	ND	0.49
Arochlor 1254	20	93.34	0.0842	ND	0.49
Arochlor 1260	20	93.34	0.0758	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002834

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4533.18
	DPW. SELFM-PW-EV	**Date Rec'd:**	6/4/99
	Bldg. 173	**Extraction Date:**	6/14/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	7/9/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	232

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	89.07	0.0062	ND	NLE
beta-BHC	20	89.07	0.0062	ND	NLE
gamma-BHC	20	89.07	0.0082	ND	0.52
delta-BHC	20	89.07	0.0082	ND	NLE
Heptachlor	20	89.07	0.0062	ND	0.15
Aldrin	20	89.07	0.0082	ND	0.04
Heptachlor Epoxide	20	89.07	0.0123	ND	NLE
Endosulfan I	20	89.07	0.0103	ND	NLE
4,4'-DDE	20	89.07	0.0082	0.137	2
Dieldrin	20	89.07	0.0103	ND	0.042
Endrin	20	89.07	0.0103	ND	17
Endosulfan II	20	89.07	0.0082	ND	NLE
4,4'-DDD	20	89.07	0.0123	0.170	3
Endrin Aldehyde	20	89.07	0.0103	ND	NLE
4,4'-DDT	20	89.07	0.0226	0.206	2
Endosulfan-Sulfate	20	89.07	0.0082	ND	NLE
gamma -Chlordane	20	89.07	0.0103	ND	NLE
alpha-Chlordane	20	89.07	0.0103	ND	NLE
Toxaphene	20	89.07	0.0062	ND	0.1
Arochlor 1016	20	89.07	0.2299	ND	0.49
Arochlor 1221	20	89.07	0.4228	ND	0.49
Arochlor 1232	20	89.07	0.2873	ND	0.49
Arochlor 1242	20	89.07	0.3284	ND	0.49
Arochlor 1248	20	89.07	0.1314	ND	0.49
Arochlor 1254	20	89.07	0.0821	ND	0.49
Arochlor 1260	20	89.07	0.0739	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002835

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4533.20
	DPW. SELFM-PW-EV	**Date Rec'd:**	6/4/99
	Bldg. 173	**Extraction Date:**	6/14/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	7/9/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	233

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	86.08	0.0069	ND	NLE
beta-BHC	20	86.08	0.0069	ND	NLE
gamma-BHC	20	86.08	0.0092	ND	0.52
delta-BHC	20	86.08	0.0092	ND	NLE
Heptachlor	20	86.08	0.0069	ND	0.15
Aldrin	20	86.08	0.0092	ND	0.04
Heptachlor Epoxide	20	86.08	0.0137	ND	NLE
Endosulfan I	20	86.08	0.0115	ND	NLE
4,4'-DDE	20	86.08	0.0092	0.016	2
Dieldrin	20	86.08	0.0115	ND	0.042
Endrin	20	86.08	0.0115	ND	17
Endosulfan II	20	86.08	0.0092	ND	NLE
4,4'-DDD	20	86.08	0.0137	0.032	3
Endrin Aldehyde	20	86.08	0.0115	ND	NLE
4,4'-DDT	20	86.08	0.0252	0.070	2
Endosulfan-Sulfate	20	86.08	0.0092	ND	NLE
gamma -Chlordane	20	86.08	0.0115	ND	NLE
alpha-Chlordane	20	86.08	0.0115	ND	NLE
Toxaphene	20	86.08	0.0069	ND	0.1
Arochlor 1016	20	86.08	0.2566	ND	0.49
Arochlor 1221	20	86.08	0.4720	ND	0.49
Arochlor 1232	20	86.08	0.3208	ND	0.49
Arochlor 1242	20	86.08	0.3666	ND	0.49
Arochlor 1248	20	86.08	0.1466	ND	0.49
Arochlor 1254	20	86.08	0.0917	ND	0.49
Arochlor 1260	20	86.08	0.0825	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002836

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4533.22
	DPW. SELFM-PW-EV	**Date Rec'd:**	6/4/99
	Bldg. 173	**Extraction Date:**	6/14/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	7/9/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	234

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	87.15	0.0063	ND	NLE
beta-BHC	20	87.15	0.0063	ND	NLE
gamma-BHC	20	87.15	0.0085	ND	0.52
delta-BHC	20	87.15	0.0085	ND	NLE
Heptachlor	20	87.15	0.0063	ND	0.15
Aldrin	20	87.15	0.0085	ND	0.04
Heptachlor Epoxide	20	87.15	0.0127	ND	NLE
Endosulfan I	20	87.15	0.0106	ND	NLE
4,4'-DDE	20	87.15	0.0085	0.048	2
Dieldrin	20	87.15	0.0106	ND	0.042
Endrin	20	87.15	0.0106	ND	17
Endosulfan II	20	87.15	0.0085	ND	NLE
4,4'-DDD	20	87.15	0.0127	0.081	3
Endrin Aldehyde	20	87.15	0.0106	ND	NLE
4,4'-DDT	20	87.15	0.0232	0.177	2
Endosulfan-Sulfate	20	87.15	0.0085	ND	NLE
gamma -Chlordane	20	87.15	0.0106	0.039	NLE
alpha-Chlordane	20	87.15	0.0106	0.031	NLE
Toxaphene	20	87.15	0.0063	ND	0.1
Arochlor 1016	20	87.15	0.2367	ND	0.49
Arochlor 1221	20	87.15	0.4353	ND	0.49
Arochlor 1232	20	87.15	0.2958	ND	0.49
Arochlor 1242	20	87.15	0.3381	ND	0.49
Arochlor 1248	20	87.15	0.1352	ND	0.49
Arochlor 1254	20	87.15	0.0845	ND	0.49
Arochlor 1260	20	87.15	0.0761	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002837

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4533.24
	DPW. SELFM-PW-EV	**Date Rec'd:**	6/4/99
	Bldg. 173	**Extraction Date:**	6/14/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	7/9/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	235

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	89.25	0.0064	ND	NLE
beta-BHC	20	89.25	0.0064	ND	NLE
gamma-BHC	20	89.25	0.0086	ND	0.52
delta-BHC	20	89.25	0.0086	ND	NLE
Heptachlor	20	89.25	0.0064	ND	0.15
Aldrin	20	89.25	0.0086	ND	0.04
Heptachlor Epoxide	20	89.25	0.0129	ND	NLE
Endosulfan I	20	89.25	0.0107	ND	NLE
4,4'-DDE	20	89.25	0.0086	0.013	2
Dieldrin	20	89.25	0.0107	ND	0.042
Endrin	20	89.25	0.0107	ND	17
Endosulfan II	20	89.25	0.0086	ND	NLE
4,4'-DDD	20	89.25	0.0129	ND	3
Endrin Aldehyde	20	89.25	0.0107	ND	NLE
4,4'-DDT	20	89.25	0.0236	0.033	2
Endosulfan-Sulfate	20	89.25	0.0086	ND	NLE
gamma -Chlordane	20	89.25	0.0107	ND	NLE
alpha-Chlordane	20	89.25	0.0107	ND	NLE
Toxaphene	20	89.25	0.0064	ND	0.1
Arochlor 1016	20	89.25	0.2406	ND	0.49
Arochlor 1221	20	89.25	0.4426	ND	0.49
Arochlor 1232	20	89.25	0.3008	ND	0.49
Arochlor 1242	20	89.25	0.3438	ND	0.49
Arochlor 1248	20	89.25	0.1375	ND	0.49
Arochlor 1254	20	89.25	0.0859	ND	0.49
Arochlor 1260	20	89.25	0.0773	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002838

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4533.26
	DPW. SELFM-PW-EV	**Date Rec'd:**	6/4/99
	Bldg. 173	**Extraction Date:**	6/14/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	7/9/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	236

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	86.94	0.0065	ND	NLE
beta-BHC	20	86.94	0.0065	ND	NLE
gamma-BHC	20	86.94	0.0086	ND	0.52
delta-BHC	20	86.94	0.0086	ND	NLE
Heptachlor	20	86.94	0.0065	ND	0.15
Aldrin	20	86.94	0.0086	ND	0.04
Heptachlor Epoxide	20	86.94	0.0129	ND	NLE
Endosulfan I	20	86.94	0.0108	ND	NLE
4,4'-DDE	20	86.94	0.0086	0.012	2
Dieldrin	20	86.94	0.0108	ND	0.042
Endrin	20	86.94	0.0108	ND	17
Endosulfan II	20	86.94	0.0086	ND	NLE
4,4'-DDD	20	86.94	0.0129	0.017	3
Endrin Aldehyde	20	86.94	0.0108	ND	NLE
4,4'-DDT	20	86.94	0.0237	0.050	2
Endosulfan-Sulfate	20	86.94	0.0086	ND	NLE
gamma -Chlordane	20	86.94	0.0108	ND	NLE
alpha-Chlordane	20	86.94	0.0108	ND	NLE
Toxaphene	20	86.94	0.0065	ND	0.1
Arochlor 1016	20	86.94	0.2412	ND	0.49
Arochlor 1221	20	86.94	0.4437	ND	0.49
Arochlor 1232	20	86.94	0.3016	ND	0.49
Arochlor 1242	20	86.94	0.3446	ND	0.49
Arochlor 1248	20	86.94	0.1379	ND	0.49
Arochlor 1254	20	86.94	0.0862	ND	0.49
Arochlor 1260	20	86.94	0.0775	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002839

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4533.28
	DPW. SELFM-PW-EV	**Date Rec'd:**	6/4/99
	Bldg. 173	**Extraction Date:**	6/14/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	7/9/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	237

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	85.96	0.0065	ND	NLE
beta-BHC	20	85.96	0.0065	ND	NLE
gamma-BHC	20	85.96	0.0087	ND	0.52
delta-BHC	20	85.96	0.0087	ND	NLE
Heptachlor	20	85.96	0.0065	ND	0.15
Aldrin	20	85.96	0.0087	ND	0.04
Heptachlor Epoxide	20	85.96	0.0130	ND	NLE
Endosulfan I	20	85.96	0.0108	ND	NLE
4,4'-DDE	20	85.96	0.0087	ND	2
Dieldrin	20	85.96	0.0108	ND	0.042
Endrin	20	85.96	0.0108	ND	17
Endosulfan II	20	85.96	0.0087	ND	NLE
4,4'-DDD	20	85.96	0.0130	0.013	3
Endrin Aldehyde	20	85.96	0.0108	ND	NLE
4,4'-DDT	20	85.96	0.0238	ND	2
Endosulfan-Sulfate	20	85.96	0.0087	ND	NLE
gamma -Chlordane	20	85.96	0.0108	ND	NLE
alpha-Chlordane	20	85.96	0.0108	ND	NLE
Toxaphene	20	85.96	0.0065	ND	0.1
Arochlor 1016	20	85.96	0.2426	ND	0.49
Arochlor 1221	20	85.96	0.4463	ND	0.49
Arochlor 1232	20	85.96	0.3033	ND	0.49
Arochlor 1242	20	85.96	0.3466	ND	0.49
Arochlor 1248	20	85.96	0.1386	ND	0.49
Arochlor 1254	20	85.96	0.0867	ND	0.49
Arochlor 1260	20	85.96	0.0780	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002840

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4533.30
	DPW. SELFM-PW-EV	**Date Rec'd:**	6/4/99
	Bldg. 173	**Extraction Date:**	6/14/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	7/9/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	238

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	91.97	0.0060	ND	NLE
beta-BHC	20	91.97	0.0060	ND	NLE
gamma-BHC	20	91.97	0.0080	ND	0.52
delta-BHC	20	91.97	0.0080	ND	NLE
Heptachlor	20	91.97	0.0060	ND	0.15
Aldrin	20	91.97	0.0080	ND	0.04
Heptachlor Epoxide	20	91.97	0.0120	ND	NLE
Endosulfan I	20	91.97	0.0100	ND	NLE
4,4'-DDE	20	91.97	0.0080	0.036	2
Dieldrin	20	91.97	0.0100	ND	0.042
Endrin	20	91.97	0.0100	ND	17
Endosulfan II	20	91.97	0.0080	ND	NLE
4,4'-DDD	20	91.97	0.0120	0.028	3
Endrin Aldehyde	20	91.97	0.0100	ND	NLE
4,4'-DDT	20	91.97	0.0219	0.048	2
Endosulfan-Sulfate	20	91.97	0.0080	ND	NLE
gamma -Chlordane	20	91.97	0.0100	ND	NLE
alpha-Chlordane	20	91.97	0.0100	ND	NLE
Toxaphene	20	91.97	0.0060	ND	0.1
Arochlor 1016	20	91.97	0.2232	ND	0.49
Arochlor 1221	20	91.97	0.4106	ND	0.49
Arochlor 1232	20	91.97	0.2791	ND	0.49
Arochlor 1242	20	91.97	0.3189	ND	0.49
Arochlor 1248	20	91.97	0.1276	ND	0.49
Arochlor 1254	20	91.97	0.0797	ND	0.49
Arochlor 1260	20	91.97	0.0718	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002841

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4533.32
	DPW. SELFM-PW-EV	**Date Rec'd:**	6/4/99
	Bldg. 173	**Extraction Date:**	6/14/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	7/9/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	239

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	90.14	0.0063	ND	NLE
beta-BHC	20	90.14	0.0063	ND	NLE
gamma-BHC	20	90.14	0.0084	ND	0.52
delta-BHC	20	90.14	0.0084	ND	NLE
Heptachlor	20	90.14	0.0063	ND	0.15
Aldrin	20	90.14	0.0084	ND	0.04
Heptachlor Epoxide	20	90.14	0.0126	ND	NLE
Endosulfan I	20	90.14	0.0105	ND	NLE
4,4'-DDE	20	90.14	0.0084	0.059	2
Dieldrin	20	90.14	0.0105	ND	0.042
Endrin	20	90.14	0.0105	ND	17
Endosulfan II	20	90.14	0.0084	ND	NLE
4,4'-DDD	20	90.14	0.0126	0.064	3
Endrin Aldehyde	20	90.14	0.0105	ND	NLE
4,4'-DDT	20	90.14	0.0232	0.124	2
Endosulfan-Sulfate	20	90.14	0.0084	ND	NLE
gamma -Chlordane	20	90.14	0.0105	ND	NLE
alpha-Chlordane	20	90.14	0.0105	ND	NLE
Toxaphene	20	90.14	0.0063	ND	0.1
Arochlor 1016	20	90.14	0.2358	ND	0.49
Arochlor 1221	20	90.14	0.4336	ND	0.49
Arochlor 1232	20	90.14	0.2947	ND	0.49
Arochlor 1242	20	90.14	0.3368	ND	0.49
Arochlor 1248	20	90.14	0.1347	ND	0.49
Arochlor 1254	20	90.14	0.0842	ND	0.49
Arochlor 1260	20	90.14	0.0758	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002842

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4533.34
	DPW. SELFM-PW-EV	**Date Rec'd:**	6/4/99
	Bldg. 173	**Extraction Date:**	6/14/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	7/9/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	240

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	90.48	0.0065	ND	NLE
beta-BHC	20	90.48	0.0065	ND	NLE
gamma-BHC	20	90.48	0.0086	ND	0.52
delta-BHC	20	90.48	0.0086	ND	NLE
Heptachlor	20	90.48	0.0065	ND	0.15
Aldrin	20	90.48	0.0086	ND	0.04
Heptachlor Epoxide	20	90.48	0.0130	ND	NLE
Endosulfan I	20	90.48	0.0108	ND	NLE
4,4'-DDE	20	90.48	0.0086	0.104	2
Dieldrin	20	90.48	0.0108	ND	0.042
Endrin	20	90.48	0.0108	ND	17
Endosulfan II	20	90.48	0.0086	ND	NLE
4,4'-DDD	20	90.48	0.0130	0.138	3
Endrin Aldehyde	20	90.48	0.0108	ND	NLE
4,4'-DDT	20	90.48	0.0237	0.166	2
Endosulfan-Sulfate	20	90.48	0.0086	ND	NLE
gamma -Chlordane	20	90.48	0.0108	ND	NLE
alpha-Chlordane	20	90.48	0.0108	ND	NLE
Toxaphene	20	90.48	0.0065	ND	0.1
Arochlor 1016	20	90.48	0.2418	ND	0.49
Arochlor 1221	20	90.48	0.4447	ND	0.49
Arochlor 1232	20	90.48	0.3022	ND	0.49
Arochlor 1242	20	90.48	0.3454	ND	0.49
Arochlor 1248	20	90.48	0.1382	ND	0.49
Arochlor 1254	20	90.48	0.0863	ND	0.49
Arochlor 1260	20	90.48	0.0777	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002843

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4533.36
	DPW. SELFM-PW-EV	**Date Rec'd:**	6/4/99
	Bldg. 173	**Extraction Date:**	6/14/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	7/9/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	241

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	90.02	0.0066	ND	NLE
beta-BHC	20	90.02	0.0066	ND	NLE
gamma-BHC	20	90.02	0.0089	ND	0.52
delta-BHC	20	90.02	0.0089	ND	NLE
Heptachlor	20	90.02	0.0066	ND	0.15
Aldrin	20	90.02	0.0089	ND	0.04
Heptachlor Epoxide	20	90.02	0.0133	ND	NLE
Endosulfan I	20	90.02	0.0111	ND	NLE
4,4'-DDE	20	90.02	0.0089	0.014	2
Dieldrin	20	90.02	0.0111	ND	0.042
Endrin	20	90.02	0.0111	ND	17
Endosulfan II	20	90.02	0.0089	ND	NLE
4,4'-DDD	20	90.02	0.0133	ND	3
Endrin Aldehyde	20	90.02	0.0111	ND	NLE
4,4'-DDT	20	90.02	0.0243	0.054	2
Endosulfan-Sulfate	20	90.02	0.0089	ND	NLE
gamma -Chlordane	20	90.02	0.0111	ND	NLE
alpha-Chlordane	20	90.02	0.0111	ND	NLE
Toxaphene	20	90.02	0.0066	ND	0.1
Arochlor 1016	20	90.02	0.2478	ND	0.49
Arochlor 1221	20	90.02	0.4559	ND	0.49
Arochlor 1232	20	90.02	0.3098	ND	0.49
Arochlor 1242	20	90.02	0.3541	ND	0.49
Arochlor 1248	20	90.02	0.1416	ND	0.49
Arochlor 1254	20	90.02	0.0885	ND	0.49
Arochlor 1260	20	90.02	0.0797	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4533.38
	DPW. SELFM-PW-EV	**Date Rec'd:**	6/4/99
	Bldg. 173	**Extraction Date:**	6/14/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	7/9/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	242

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	94.24	0.0058	ND	NLE
beta-BHC	20	94.24	0.0058	ND	NLE
gamma-BHC	20	94.24	0.0077	ND	0.52
delta-BHC	20	94.24	0.0077	ND	NLE
Heptachlor	20	94.24	0.0058	ND	0.15
Aldrin	20	94.24	0.0077	ND	0.04
Heptachlor Epoxide	20	94.24	0.0116	ND	NLE
Endosulfan I	20	94.24	0.0097	ND	NLE
4,4'-DDE	20	94.24	0.0077	0.012	2
Dieldrin	20	94.24	0.0097	ND	0.042
Endrin	20	94.24	0.0097	ND	17
Endosulfan II	20	94.24	0.0077	ND	NLE
4,4'-DDD	20	94.24	0.0116	ND	3
Endrin Aldehyde	20	94.24	0.0097	ND	NLE
4,4'-DDT	20	94.24	0.0213	0.022	2
Endosulfan-Sulfate	20	94.24	0.0077	ND	NLE
gamma -Chlordane	20	94.24	0.0097	ND	NLE
alpha-Chlordane	20	94.24	0.0097	ND	NLE
Toxaphene	20	94.24	0.0058	ND	0.1
Arochlor 1016	20	94.24	0.2169	ND	0.49
Arochlor 1221	20	94.24	0.3989	ND	0.49
Arochlor 1232	20	94.24	0.2711	ND	0.49
Arochlor 1242	20	94.24	0.3098	ND	0.49
Arochlor 1248	20	94.24	0.1239	ND	0.49
Arochlor 1254	20	94.24	0.0775	ND	0.49
Arochlor 1260	20	94.24	0.0697	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002845

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4533.40
	DPW. SELFM-PW-EV	**Date Rec'd:**	6/4/99
	Bldg. 173	**Extraction Date:**	6/14/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	7/9/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	243

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	90.27	0.0066	ND	NLE
beta-BHC	20	90.27	0.0066	ND	NLE
gamma-BHC	20	90.27	0.0087	ND	0.52
delta-BHC	20	90.27	0.0087	ND	NLE
Heptachlor	20	90.27	0.0066	ND	0.15
Aldrin	20	90.27	0.0087	ND	0.04
Heptachlor Epoxide	20	90.27	0.0131	ND	NLE
Endosulfan I	20	90.27	0.0109	ND	NLE
4,4'-DDE	20	90.27	0.0087	0.023	2
Dieldrin	20	90.27	0.0109	ND	0.042
Endrin	20	90.27	0.0109	ND	17
Endosulfan II	20	90.27	0.0087	ND	NLE
4,4'-DDD	20	90.27	0.0131	ND	3
Endrin Aldehyde	20	90.27	0.0109	ND	NLE
4,4'-DDT	20	90.27	0.0241	0.093	2
Endosulfan-Sulfate	20	90.27	0.0087	ND	NLE
gamma -Chlordane	20	90.27	0.0109	ND	NLE
alpha-Chlordane	20	90.27	0.0109	ND	NLE
Toxaphene	20	90.27	0.0066	ND	0.1
Arochlor 1016	20	90.27	0.2450	ND	0.49
Arochlor 1221	20	90.27	0.4506	ND	0.49
Arochlor 1232	20	90.27	0.3062	ND	0.49
Arochlor 1242	20	90.27	0.3499	ND	0.49
Arochlor 1248	20	90.27	0.1400	ND	0.49
Arochlor 1254	20	90.27	0.0875	ND	0.49
Arochlor 1260	20	90.27	0.0787	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002846

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4533.42
	DPW. SELFM-PW-EV	**Date Rec'd:**	6/4/99
	Bldg. 173	**Extraction Date:**	6/14/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	7/10/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	244

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	88.11	0.0063	ND	NLE
beta-BHC	20	88.11	0.0063	ND	NLE
gamma-BHC	20	88.11	0.0084	ND	0.52
delta-BHC	20	88.11	0.0084	ND	NLE
Heptachlor	20	88.11	0.0063	ND	0.15
Aldrin	20	88.11	0.0084	ND	0.04
Heptachlor Epoxide	20	88.11	0.0127	ND	NLE
Endosulfan I	20	88.11	0.0106	ND	NLE
4,4'-DDE	20	88.11	0.0084	0.211	2
Dieldrin	20	88.11	0.0106	ND	0.042
Endrin	20	88.11	0.0106	ND	17
Endosulfan II	20	88.11	0.0084	ND	NLE
4,4'-DDD	20	88.11	0.0127	0.089	3
Endrin Aldehyde	20	88.11	0.0106	ND	NLE
4,4'-DDT	20	88.11	0.0232	0.060	2
Endosulfan-Sulfate	20	88.11	0.0084	ND	NLE
gamma -Chlordane	20	88.11	0.0106	0.017	NLE
alpha-Chlordane	20	88.11	0.0106	0.016	NLE
Toxaphene	20	88.11	0.0063	ND	0.1
Arochlor 1016	20	88.11	0.2365	ND	0.49
Arochlor 1221	20	88.11	0.4350	ND	0.49
Arochlor 1232	20	88.11	0.2956	ND	0.49
Arochlor 1242	20	88.11	0.3378	ND	0.49
Arochlor 1248	20	88.11	0.1351	ND	0.49
Arochlor 1254	20	88.11	0.0845	ND	0.49
Arochlor 1260	20	88.11	0.0760	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002847

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4533.44
	DPW. SELFM-PW-EV	**Date Rec'd:**	6/4/99
	Bldg. 173	**Extraction Date:**	6/14/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	7/10/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	245

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	96.00	0.0063	ND	NLE
beta-BHC	20	96.00	0.0063	ND	NLE
gamma-BHC	20	96.00	0.0084	ND	0.52
delta-BHC	20	96.00	0.0084	ND	NLE
Heptachlor	20	96.00	0.0063	ND	0.15
Aldrin	20	96.00	0.0084	ND	0.04
Heptachlor Epoxide	20	96.00	0.0125	ND	NLE
Endosulfan I	20	96.00	0.0104	ND	NLE
4,4'-DDE	20	96.00	0.0084	0.019	2
Dieldrin	20	96.00	0.0104	ND	0.042
Endrin	20	96.00	0.0104	ND	17
Endosulfan II	20	96.00	0.0084	ND	NLE
4,4'-DDD	20	96.00	0.0125	0.017	3
Endrin Aldehyde	20	96.00	0.0104	ND	NLE
4,4'-DDT	20	96.00	0.0230	ND	2
Endosulfan-Sulfate	20	96.00	0.0084	ND	NLE
gamma -Chlordane	20	96.00	0.0104	0.017	NLE
alpha-Chlordane	20	96.00	0.0104	0.017	NLE
Toxaphene	20	96.00	0.0063	ND	0.1
Arochlor 1016	20	96.00	0.2338	ND	0.49
Arochlor 1221	20	96.00	0.4300	ND	0.49
Arochlor 1232	20	96.00	0.2923	ND	0.49
Arochlor 1242	20	96.00	0.3340	ND	0.49
Arochlor 1248	20	96.00	0.1336	ND	0.49
Arochlor 1254	20	96.00	0.0835	ND	0.49
Arochlor 1260	20	96.00	0.0752	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002848

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4533.46
	DPW. SELFM-PW-EV	**Date Rec'd:**	6/4/99
	Bldg. 173	**Extraction Date:**	6/14/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	7/10/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	246

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	94.05	0.0060	ND	NLE
beta-BHC	20	94.05	0.0060	ND	NLE
gamma-BHC	20	94.05	0.0080	ND	0.52
delta-BHC	20	94.05	0.0080	ND	NLE
Heptachlor	20	94.05	0.0060	ND	0.15
Aldrin	20	94.05	0.0080	ND	0.04
Heptachlor Epoxide	20	94.05	0.0120	ND	NLE
Endosulfan I	20	94.05	0.0100	ND	NLE
4,4'-DDE	20	94.05	0.0080	0.122	2
Dieldrin	20	94.05	0.0100	ND	0.042
Endrin	20	94.05	0.0100	ND	17
Endosulfan II	20	94.05	0.0080	ND	NLE
4,4'-DDD	20	94.05	0.0120	0.060	3
Endrin Aldehyde	20	94.05	0.0100	ND	NLE
4,4'-DDT	20	94.05	0.0220	0.277	2
Endosulfan-Sulfate	20	94.05	0.0080	ND	NLE
gamma -Chlordane	20	94.05	0.0100	0.037	NLE
alpha-Chlordane	20	94.05	0.0100	0.033	NLE
Toxaphene	20	94.05	0.0060	ND	0.1
Arochlor 1016	20	94.05	0.2236	ND	0.49
Arochlor 1221	20	94.05	0.4113	ND	0.49
Arochlor 1232	20	94.05	0.2795	ND	0.49
Arochlor 1242	20	94.05	0.3195	ND	0.49
Arochlor 1248	20	94.05	0.1278	ND	0.49
Arochlor 1254	20	94.05	0.0799	ND	0.49
Arochlor 1260	20	94.05	0.0719	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002849

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4533.48
	DPW. SELFM-PW-EV	**Date Rec'd:**	6/4/99
	Bldg. 173	**Extraction Date:**	6/14/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	7/10/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	247

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	92.73	0.0063	ND	NLE
beta-BHC	20	92.73	0.0063	ND	NLE
gamma-BHC	20	92.73	0.0084	ND	0.52
delta-BHC	20	92.73	0.0084	ND	NLE
Heptachlor	20	92.73	0.0063	ND	0.15
Aldrin	20	92.73	0.0084	ND	0.04
Heptachlor Epoxide	20	92.73	0.0126	ND	NLE
Endosulfan I	20	92.73	0.0105	ND	NLE
4,4'-DDE	20	92.73	0.0084	0.039	2
Dieldrin	20	92.73	0.0105	ND	0.042
Endrin	20	92.73	0.0105	ND	17
Endosulfan II	20	92.73	0.0084	ND	NLE
4,4'-DDD	20	92.73	0.0126	0.025	3
Endrin Aldehyde	20	92.73	0.0105	ND	NLE
4,4'-DDT	20	92.73	0.0231	0.041	2
Endosulfan-Sulfate	20	92.73	0.0084	ND	NLE
gamma -Chlordane	20	92.73	0.0105	ND	NLE
alpha-Chlordane	20	92.73	0.0105	ND	NLE
Toxaphene	20	92.73	0.0063	ND	0.1
Arochlor 1016	20	92.73	0.2352	ND	0.49
Arochlor 1221	20	92.73	0.4326	ND	0.49
Arochlor 1232	20	92.73	0.2940	ND	0.49
Arochlor 1242	20	92.73	0.3360	ND	0.49
Arochlor 1248	20	92.73	0.1344	ND	0.49
Arochlor 1254	20	92.73	0.0840	ND	0.49
Arochlor 1260	20	92.73	0.0756	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002850

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4533.50
	DPW. SELFM-PW-EV	**Date Rec'd:**	6/4/99
	Bldg. 173	**Extraction Date:**	6/14/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	7/10/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	248

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	91.45	0.0065	ND	NLE
beta-BHC	20	91.45	0.0065	ND	NLE
gamma-BHC	20	91.45	0.0087	ND	0.52
delta-BHC	20	91.45	0.0087	ND	NLE
Heptachlor	20	91.45	0.0065	ND	0.15
Aldrin	20	91.45	0.0087	ND	0.04
Heptachlor Epoxide	20	91.45	0.0131	ND	NLE
Endosulfan I	20	91.45	0.0109	ND	NLE
4,4'-DDE	20	91.45	0.0087	0.051	2
Dieldrin	20	91.45	0.0109	ND	0.042
Endrin	20	91.45	0.0109	ND	17
Endosulfan II	20	91.45	0.0087	ND	NLE
4,4'-DDD	20	91.45	0.0131	0.060	3
Endrin Aldehyde	20	91.45	0.0109	ND	NLE
4,4'-DDT	20	91.45	0.0240	0.192	2
Endosulfan-Sulfate	20	91.45	0.0087	ND	NLE
gamma -Chlordane	20	91.45	0.0109	ND	NLE
alpha-Chlordane	20	91.45	0.0109	ND	NLE
Toxaphene	20	91.45	0.0065	ND	0.1
Arochlor 1016	20	91.45	0.2445	ND	0.49
Arochlor 1221	20	91.45	0.4496	ND	0.49
Arochlor 1232	20	91.45	0.3056	ND	0.49
Arochlor 1242	20	91.45	0.3492	ND	0.49
Arochlor 1248	20	91.45	0.1397	ND	0.49
Arochlor 1254	20	91.45	0.0873	ND	0.49
Arochlor 1260	20	91.45	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

002851

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4533.52
	DPW. SELFM-PW-EV	**Date Rec'd:**	6/4/99
	Bldg. 173	**Extraction Date:**	6/16/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	7/10/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	249

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	88.80	0.0067	ND	NLE
beta-BHC	20	88.80	0.0067	ND	NLE
gamma-BHC	20	88.80	0.0090	ND	0.52
delta-BHC	20	88.80	0.0090	ND	NLE
Heptachlor	20	88.80	0.0067	ND	0.15
Aldrin	20	88.80	0.0090	ND	0.04
Heptachlor Epoxide	20	88.80	0.0135	ND	NLE
Endosulfan I	20	88.80	0.0112	ND	NLE
4,4'-DDE	20	88.80	0.0090	0.021	2
Dieldrin	20	88.80	0.0112	0.019	0.042
Endrin	20	88.80	0.0112	ND	17
Endosulfan II	20	88.80	0.0090	ND	NLE
4,4'-DDD	20	88.80	0.0135	0.031	3
Endrin Aldehyde	20	88.80	0.0112	ND	NLE
4,4'-DDT	20	88.80	0.0247	0.074	2
Endosulfan-Sulfate	20	88.80	0.0090	ND	NLE
gamma -Chlordane	20	88.80	0.0112	0.019	NLE
alpha-Chlordane	20	88.80	0.0112	0.016	NLE
Toxaphene	20	88.80	0.0067	ND	0.1
Arochlor 1016	20	88.80	0.2517	ND	0.49
Arochlor 1221	20	88.80	0.4630	ND	0.49
Arochlor 1232	20	88.80	0.3147	ND	0.49
Arochlor 1242	20	88.80	0.3596	ND	0.49
Arochlor 1248	20	88.80	0.1439	ND	0.49
Arochlor 1254	20	88.80	0.0899	ND	0.49
Arochlor 1260	20	88.80	0.0809	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002852

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4533.54
	DPW. SELFM-PW-EV	**Date Rec'd:**	6/4/99
	Bldg. 173	**Extraction Date:**	6/16/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	7/10/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-8
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	250

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	92.30	0.0064	ND	NLE
beta-BHC	20	92.30	0.0064	ND	NLE
gamma-BHC	20	92.30	0.0086	ND	0.52
delta-BHC	20	92.30	0.0086	ND	NLE
Heptachlor	20	92.30	0.0064	ND	0.15
Aldrin	20	92.30	0.0086	ND	0.04
Heptachlor Epoxide	20	92.30	0.0129	ND	NLE
Endosulfan I	20	92.30	0.0107	ND	NLE
4,4'-DDE	20	92.30	0.0086	0.128	2
Dieldrin	20	92.30	0.0107	ND	0.042
Endrin	20	92.30	0.0107	ND	17
Endosulfan II	20	92.30	0.0086	ND	NLE
4,4'-DDD	20	92.30	0.0129	0.084	3
Endrin Aldehyde	20	92.30	0.0107	ND	NLE
4,4'-DDT	20	92.30	0.0236	0.189	2
Endosulfan-Sulfate	20	92.30	0.0086	ND	NLE
gamma -Chlordane	20	92.30	0.0107	ND	NLE
alpha-Chlordane	20	92.30	0.0107	ND	NLE
Toxaphene	20	92.30	0.0064	ND	0.1
Arochlor 1016	20	92.30	0.2405	ND	0.49
Arochlor 1221	20	92.30	0.4424	ND	0.49
Arochlor 1232	20	92.30	0.3007	ND	0.49
Arochlor 1242	20	92.30	0.3436	ND	0.49
Arochlor 1248	20	92.30	0.1374	ND	0.49
Arochlor 1254	20	92.30	0.0859	ND	0.49
Arochlor 1260	20	92.30	0.0773	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

002853

TAL METALS

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 #: 4045
Sample Prepared: 11/18/98

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: Method Blank

TAL-METALS RESULTS SUMMARY (mg/L)

Element	Date of Analysis	Result	MDL
Aluminum	11/19/98	0.09	0.01
Antimony	11/19/98	0.007	0.002
Arsenic	11/19/98	ND	0.002
Barium	11/19/98	0.0039	0.0005
Beryllium	11/19/98	ND	0.0005
Cadmium	11/19/98	0.0012	0.0005
Calcium	11/19/98	0.42	0.02
Chromium	11/19/98	ND	0.0005
Cobalt	11/19/98	ND	0.0005
Copper	11/19/98	0.015	0.003
Iron	11/19/98	0.06	0.01
Lead	11/19/98	0.003	0.002
Magnesium	11/19/98	0.10	0.02
Manganese	11/19/98	0.0016	0.0005
Mercury	11/17/98	ND	0.0001
Nickel	11/19/98	0.0020	0.0005
Potassium	11/19/98	0.04	0.02
Selenium	11/19/98	ND	0.002
Silver	11/19/98	ND	0.003
Sodium	11/19/98	0.52	0.02
Thallium	11/19/98	ND	0.003
Vanadium	11/19/98	ND	0.001
Zinc	11/19/98	0.010	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 #: 4095
Sample Prepared: 12/03/98

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: Method Blank

TAL-METALS RESULTS SUMMARY (mg/L)

Element	Date of Analysis	Result	MDL
Aluminum	12/03/98	0.036	0.01
Antimony	12/03/98	ND	0.002
Arsenic	12/03/98	ND	0.002
Barium	12/03/98	0.0102	0.0005
Beryllium	12/03/98	ND	0.0005
Cadmium	12/03/98	ND	0.0005
Calcium	12/03/98	0.148	0.02
Chromium	12/03/98	0.0008	0.0005
Cobalt	12/03/98	ND	0.0005
Copper	12/03/98	0.028	0.003
Iron	12/03/98	0.101	0.01
Lead	12/03/98	ND	0.002
Magnesium	12/03/98	ND	0.02
Manganese	12/03/98	0.0032	0.0005
Mercury	12/03/98	ND	0.0001
Nickel	12/03/98	0.0041	0.0005
Potassium	12/03/98	0.076	0.02
Selenium	12/03/98	ND	0.002
Silver	12/03/98	ND	0.003
Sodium	12/03/98	0.152	0.02
Thallium	12/03/98	ND	0.003
Vanadium	12/03/98	ND	0.001
Zinc	12/03/98	0.025	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 #: 4145
Sample Prepared: 12/21/98

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: Method Blank

TAL-METALS RESULTS SUMMARY (mg/L)

Element	Date of Analysis	Result	MDL
Aluminum	12/22/98	0.12	0.01
Antimony	12/22/98	0.004	0.002
Arsenic	12/22/98	ND	0.002
Barium	12/22/98	0.0026	0.0005
Beryllium	12/22/98	ND	0.0005
Cadmium	12/22/98	0.0011	0.0005
Calcium	12/22/98	0.48	0.02
Chromium	12/22/98	ND	0.0005
Cobalt	12/22/98	ND	0.0005
Copper	12/22/98	0.007	0.003
Iron	12/22/98	0.06	0.01
Lead	12/22/98	ND	0.002
Magnesium	12/22/98	0.21	0.02
Manganese	12/22/98	0.0012	0.0005
Mercury	12/31/98	ND	0.0001
Nickel	12/22/98	0.0027	0.0005
Potassium	12/22/98	0.17	0.02
Selenium	12/22/98	ND	0.002
Silver	12/22/98	ND	0.003
Sodium	12/22/98	0.30	0.02
Thallium	12/22/98	ND	0.003
Vanadium	12/22/98	ND	0.001
Zinc	12/22/98	0.019	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 #: 4194
Sample Prepared: 1/22/99

Site: M-8
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	01/22/99	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 #: 4351
Sample Prepared: 03/17/99

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: Method Blank

TAL-METALS RESULTS SUMMARY (mg/L)

Element	Date of Analysis	Result	MDL
Aluminum	03/18/99	0.033	0.01
Antimony	03/18/99	0.002	0.002
Arsenic	03/18/99	ND	0.002
Barium	03/18/99	0.0032	0.0005
Beryllium	03/18/99	ND	0.0005
Cadmium	03/18/99	0.0202	0.0005
Calcium	03/18/99	0.362	0.02
Chromium	03/18/99	0.002	0.0005
Cobalt	03/18/99	ND	0.0005
Copper	03/18/99	0.633	0.003
Iron	03/18/99	0.062	0.01
Lead	03/18/99	0.008	0.002
Magnesium	03/18/99	0.095	0.02
Manganese	03/18/99	0.0009	0.0005
Mercury	03/18/99	ND	0.0001
Nickel	03/18/99	0.0019	0.0005
Potassium	03/18/99	0.101	0.02
Selenium	03/18/99	ND	0.002
Silver	03/18/99	ND	0.003
Sodium	03/18/99	0.667	0.02
Thallium	03/18/99	ND	0.003
Vanadium	03/18/99	ND	0.001
Zinc	03/18/99	0.050	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 #: 4354
Sample Prepared: 03/31/99

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: Method Blank

TAL-METALS RESULTS SUMMARY (mg/L)

Element	Date of Analysis	Result	MDL
Aluminum	04/01/99	0.035	0.01
Antimony	04/01/99	0.027	0.002
Arsenic	04/01/99	0.006	0.002
Barium	04/01/99	0.0016	0.0005
Beryllium	04/01/99	ND	0.0005
Cadmium	04/01/99	0.0009	0.0005
Calcium	04/01/99	0.272	0.02
Chromium	04/01/99	0.0008	0.0005
Cobalt	04/01/99	ND	0.0005
Copper	04/01/99	0.089	0.003
Iron	04/01/99	0.074	0.01
Lead	04/01/99	0.002	0.002
Magnesium	04/01/99	0.083	0.02
Manganese	04/01/99	0.0014	0.0005
Mercury	03/18/99	ND	0.0001
Nickel	04/01/99	0.0015	0.0005
Potassium	04/01/99	ND	0.02
Selenium	04/01/99	ND	0.002
Silver	04/01/99	ND	0.003
Sodium	04/01/99	0.258	0.02
Thallium	04/01/99	ND	0.003
Vanadium	04/01/99	ND	0.001
Zinc	04/01/99	0.001	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 #: 4376
Sample Prepared: 04/07/99

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: Method Blank

TAL-METALS RESULTS SUMMARY (mg/L)

Element	Date of Analysis	Result	MDL
Aluminum	04/08/99	0.068	0.01
Antimony	04/08/99	ND	0.002
Arsenic	04/08/99	ND	0.002
Barium	04/08/99	0.0018	0.0005
Beryllium	04/08/99	ND	0.0005
Cadmium	04/08/99	0.0012	0.0005
Calcium	04/08/99	0.382	0.02
Chromium	04/08/99	0.0020	0.0005
Cobalt	04/08/99	ND	0.0005
Copper	04/08/99	0.131	0.003
Iron	04/08/99	0.082	0.01
Lead	04/08/99	ND	0.002
Magnesium	04/08/99	0.133	0.02
Manganese	04/08/99	0.0013	0.0005
Mercury	04/06/99	ND	0.0001
Nickel	04/08/99	0.0039	0.0005
Potassium	04/08/99	0.311	0.02
Selenium	04/08/99	ND	0.002
Silver	04/08/99	ND	0.003
Sodium	04/08/99	0.907	0.02
Thallium	04/08/99	ND	0.003
Vanadium	04/08/99	ND	0.001
Zinc	04/08/99	0.039	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 #: 4389
Sample Prepared: 04/08/99

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: Method Blank

TAL-METALS RESULTS SUMMARY (mg/L)

Element	Date of Analysis	Result	MDL
Aluminum	04/08/99	0.11	0.01
Antimony	04/08/99	ND	0.002
Arsenic	04/08/99	ND	0.002
Barium	04/08/99	0.0029	0.0005
Beryllium	04/08/99	ND	0.0005
Cadmium	04/08/99	ND	0.0005
Calcium	04/08/99	0.42	0.02
Chromium	04/08/99	0.0005	0.0005
Cobalt	04/08/99	ND	0.0005
Copper	04/08/99	0.017	0.003
Iron	04/08/99	0.11	0.01
Lead	04/08/99	ND	0.002
Magnesium	04/08/99	0.08	0.02
Manganese	04/08/99	0.0023	0.0005
Mercury	04/08/99	ND	0.0001
Nickel	04/08/99	0.0015	0.0005
Potassium	04/08/99	0.16	0.02
Selenium	04/08/99	ND	0.002
Silver	04/08/99	ND	0.003
Sodium	04/08/99	0.46	0.02
Thallium	04/08/99	ND	0.003
Vanadium	04/08/99	ND	0.001
Zinc	04/08/99	0.044	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 #: 4401
Sample Prepared: 04/14/99

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: Method Blank

TAL-METALS RESULTS SUMMARY (mg/L)

Element	Date of Analysis	Result	MDL
Aluminum	04/20/99	0.012	0.01
Antimony	04/20/99	ND	0.002
Arsenic	04/20/99	ND	0.002
Barium	04/20/99	0.0013	0.0005
Beryllium	04/20/99	ND	0.0005
Cadmium	04/20/99	0.0009	0.0005
Calcium	04/20/99	0.253	0.02
Chromium	04/20/99	ND	0.0005
Cobalt	04/20/99	ND	0.0005
Copper	04/20/99	ND	0.003
Iron	04/20/99	0.367	0.01
Lead	04/20/99	ND	0.002
Magnesium	04/20/99	0.049	0.02
Manganese	04/20/99	0.0066	0.0005
Mercury	04/13/99	ND	0.0001
Nickel	04/20/99	0.0024	0.0005
Potassium	04/20/99	ND	0.02
Selenium	04/20/99	ND	0.002
Silver	04/20/99	ND	0.003
Sodium	04/20/99	0.576	0.02
Thallium	04/20/99	ND	0.003
Vanadium	04/20/99	ND	0.001
Zinc	04/20/99	0.032	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 #: 4405
Sample Prepared: 04/14/99

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: Method Blank

TAL-METALS RESULTS SUMMARY (mg/L)

Element	Date of Analysis	Result	MDL
Aluminum	04/20/99	0.050	0.01
Antimony	04/20/99	ND	0.002
Arsenic	04/20/99	ND	0.002
Barium	04/20/99	0.0014	0.0005
Beryllium	04/20/99	ND	0.0005
Cadmium	04/20/99	0.0011	0.0005
Calcium	04/20/99	0.382	0.02
Chromium	04/20/99	0.0010	0.0005
Cobalt	04/20/99	ND	0.0005
Copper	04/20/99	0.010	0.003
Iron	04/20/99	0.387	0.01
Lead	04/20/99	ND	0.002
Magnesium	04/20/99	0.114	0.02
Manganese	04/20/99	0.0072	0.0005
Mercury	04/13/99	ND	0.0001
Nickel	04/20/99	0.0034	0.0005
Potassium	04/20/99	0.195	0.02
Selenium	04/20/99	ND	0.002
Silver	04/20/99	ND	0.003
Sodium	04/20/99	0.691	0.02
Thallium	04/20/99	ND	0.003
Vanadium	04/20/99	ND	0.001
Zinc	04/20/99	0.041	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 #: 4469
Sample Prepared: 05/10/99

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: Method Blank

TAL-METALS RESULTS SUMMARY (mg/L)

Element	Date of Analysis	Result	MDL
Aluminum	05/11/99	0.108	0.01
Antimony	05/11/99	ND	0.002
Arsenic	05/11/99	ND	0.002
Barium	05/11/99	0.0025	0.0005
Beryllium	05/11/99	ND	0.0005
Cadmium	05/11/99	0.0007	0.0005
Calcium	05/11/99	0.410	0.02
Chromium	05/11/99	0.0014	0.0005
Cobalt	05/11/99	ND	0.0005
Copper	05/11/99	0.010	0.003
Iron	05/11/99	0.161	0.01
Lead	05/11/99	0.007	0.002
Magnesium	05/11/99	0.072	0.02
Manganese	05/11/99	0.252	0.0005
Mercury	05/26/99	ND	0.0001
Nickel	05/11/99	0.0017	0.0005
Potassium	05/11/99	0.120	0.02
Selenium	05/11/99	ND	0.002
Silver	05/11/99	ND	0.003
Sodium	05/11/99	1.05	0.02
Thallium	05/11/99	ND	0.003
Vanadium	05/11/99	ND	0.001
Zinc	05/11/99	0.060	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 #: 4473
Sample Prepared: 06/08/99

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: Method Blank

TAL-METALS RESULTS SUMMARY (mg/L)

Element	Date of Analysis	Result	MDL
Aluminum	06/10/99	0.252	0.01
Antimony	06/10/99	ND	0.002
Arsenic	06/10/99	ND	0.002
Barium	06/10/99	0.0017	0.0005
Beryllium	06/10/99	ND	0.0005
Cadmium	06/10/99	0.0009	0.0005
Calcium	06/10/99	0.591	0.02
Chromium	06/10/99	0.0007	0.0005
Cobalt	06/10/99	ND	0.0005
Copper	06/10/99	0.037	0.003
Iron	06/10/99	0.135	0.01
Lead	06/10/99	ND	0.002
Magnesium	06/10/99	0.335	0.02
Manganese	06/10/99	0.0008	0.0005
Mercury	06/09/99	ND	0.0001
Nickel	06/10/99	0.0028	0.0005
Potassium	06/10/99	1.11	0.02
Selenium	06/10/99	ND	0.002
Silver	06/10/99	ND	0.003
Sodium	06/10/99	0.602	0.02
Thallium	06/10/99	ND	0.003
Vanadium	06/10/99	ND	0.001
Zinc	06/10/99	0.013	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 #: 4481
Sample Prepared: 06/09/99

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: Method Blank

TAL-METALS RESULTS SUMMARY (mg/L)

Element	Date of Analysis	Result	MDL
Aluminum	06/10/99	0.042	0.01
Antimony	06/10/99	ND	0.002
Arsenic	06/10/99	ND	0.002
Barium	06/10/99	0.0013	0.0005
Beryllium	06/10/99	ND	0.0005
Cadmium	06/10/99	ND	0.0005
Calcium	06/10/99	0.199	0.02
Chromium	06/10/99	0.0006	0.0005
Cobalt	06/10/99	ND	0.0005
Copper	06/10/99	0.006	0.003
Iron	06/10/99	0.060	0.01
Lead	06/10/99	ND	0.002
Magnesium	06/10/99	0.037	0.02
Manganese	06/10/99	0.0010	0.0005
Mercury	06/10/99	ND	0.0001
Nickel	06/10/99	0.002	0.0005
Potassium	06/10/99	0.128	0.02
Selenium	06/10/99	ND	0.002
Silver	06/10/99	ND	0.003
Sodium	06/10/99	0.613	0.02
Thallium	06/10/99	0.006	0.003
Vanadium	06/10/99	ND	0.001
Zinc	06/10/99	0.012	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 #: 4533
Sample Prepared: 07/13/99

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: Method Blank

TAL-METALS RESULTS SUMMARY (mg/L)

Element	Date of Analysis	Result	MDL
Aluminum	07/14/99	0.332	0.01
Antimony	07/14/99	0.005	0.002
Arsenic	07/14/99	ND	0.002
Barium	07/14/99	0.0023	0.0005
Beryllium	07/14/99	ND	0.0005
Cadmium	07/14/99	0.0084	0.0005
Calcium	07/14/99	1.14	0.02
Chromium	07/14/99	0.0010	0.0005
Cobalt	07/14/99	0.0009	0.0005
Copper	07/14/99	0.140	0.003
Iron	07/14/99	0.250	0.01
Lead	07/14/99	ND	0.002
Magnesium	07/14/99	0.756	0.02
Manganese	07/14/99	0.0057	0.0005
Mercury	06/14/99	ND	0.0001
Nickel	07/14/99	0.0044	0.0005
Potassium	07/14/99	0.056	0.02
Selenium	07/14/99	ND	0.002
Silver	07/14/99	ND	0.003
Sodium	07/14/99	0.546	0.02
Thallium	07/14/99	ND	0.003
Vanadium	07/14/99	ND	0.001
Zinc	07/14/99	0.068	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 #: 4145.36
Sample Received: 12/16/98
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-Field Dup, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	12/22/98	13800	NLE	2.84
Antimony	12/22/98	0.599	14	0.567
Arsenic	12/22/98	15.4	20	0.567
Barium	12/22/98	41.0	700	0.142
Beryllium	12/22/98	1.00	1	0.142
Cadmium	12/22/98	3.92	1	0.142
Calcium	12/22/98	1520	NLE	5.67
Chromium	12/22/98	140	NLE	0.142
Cobalt	12/22/98	2.98	NLE	0.142
Copper	12/22/98	60.3	600	0.851
Iron	12/22/98	35300	NLE	2.84
Lead	12/22/98	125	100	0.567
Magnesium	12/22/98	3770	NLE	5.67
Manganese	12/22/98	42.2	NLE	0.142
Mercury	12/31/98	0.462	14	0.026
Nickel	12/22/98	11.6	250	0.142
Potassium	12/22/98	7820	NLE	5.67
Selenium	12/22/98	1.41	63	0.851
Silver	12/22/98	5.07	110	0.851
Sodium	12/22/98	251	NLE	5.67
Thallium	12/22/98	ND	2	0.851
Vanadium	12/22/98	72.7	370	0.284
Zinc	12/22/98	99.2	1500	0.284

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4382.26
Sample Received: 03/30/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: Dupe

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/08/99	15100	NLE	2.855
Antimony	04/08/99	1.19	14	0.571
Arsenic	04/08/99	11.0	20	0.571
Barium	04/08/99	84.0	700	0.143
Beryllium	04/08/99	1.05	1	0.143
Cadmium	04/08/99	0.217	1	0.143
Calcium	04/08/99	2270	NLE	5.710
Chromium	04/08/99	146	NLE	0.143
Cobalt	04/08/99	4.63	NLE	0.143
Copper	04/08/99	53.6	600	0.856
Iron	04/08/99	48800	NLE	2.855
Lead	04/08/99	400	400	0.571
Magnesium	04/08/99	2940	NLE	5.710
Manganese	04/08/99	713	NLE	0.143
Mercury	04/06/99	2.654	14	0.027
Nickel	04/08/99	24.2	250	0.143
Potassium	04/08/99	5730	NLE	5.710
Selenium	04/08/99	ND	63	0.856
Silver	04/08/99	1.97	110	0.856
Sodium	04/08/99	223	NLE	5.710
Thallium	04/08/99	ND	2	0.856
Vanadium	04/08/99	81.7	370	0.285
Zinc	04/08/99	803	1500	0.285

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4382.36
Sample Received: 03/30/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: Dupe

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/08/99	4060	NLE	2.017
Antimony	04/08/99	ND	14	0.403
Arsenic	04/08/99	1.53	20	0.403
Barium	04/08/99	17.4	700	0.101
Beryllium	04/08/99	0.179	1	0.101
Cadmium	04/08/99	ND	1	0.101
Calcium	04/08/99	2150	NLE	4.034
Chromium	04/08/99	17.1	NLE	0.101
Cobalt	04/08/99	2.11	NLE	0.101
Copper	04/08/99	13.2	600	0.605
Iron	04/08/99	8140	NLE	2.017
Lead	04/08/99	43.6	400	0.403
Magnesium	04/08/99	1360	NLE	4.034
Manganese	04/08/99	57.2	NLE	0.101
Mercury	04/06/99	0.028	14	0.020
Nickel	04/08/99	5.94	250	0.101
Potassium	04/08/99	1100	NLE	4.034
Selenium	04/08/99	ND	63	0.605
Silver	04/08/99	ND	110	0.605
Sodium	04/08/99	261	NLE	4.034
Thallium	04/08/99	ND	2	0.605
Vanadium	04/08/99	12.4	370	0.202
Zinc	04/08/99	37.3	1500	0.202

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4394.24
Sample Received: 04/05/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-Dupe, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/20/99	16800	NLE	2.380
Antimony	04/20/99	ND	14	0.476
Arsenic	04/20/99	13.2	20	0.476
Barium	04/20/99	35.1	700	0.119
Beryllium	04/20/99	1.06	1	0.119
Cadmium	04/20/99	ND	1	0.119
Calcium	04/20/99	1770	NLE	4.760
Chromium	04/20/99	114	NLE	0.119
Cobalt	04/20/99	2.00	NLE	0.119
Copper	04/20/99	16.0	600	0.714
Iron	04/20/99	31600	NLE	2.380
Lead	04/20/99	63.6	400	0.476
Magnesium	04/20/99	4170	NLE	4.760
Manganese	04/20/99	106	NLE	0.119
Mercury	04/08/99	0.079	14	0.025
Nickel	04/20/99	6.36	250	0.119
Potassium	04/20/99	7810	NLE	4.760
Selenium	04/20/99	0.719	63	0.714
Silver	04/20/99	ND	110	0.714
Sodium	04/20/99	276	NLE	4.760
Thallium	04/20/99	ND	2	0.714
Vanadium	04/20/99	58.4	370	0.238
Zinc	04/20/99	60.0	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 #: 4394.46
Sample Received: 04/05/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-Dupe II, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/20/99	14500	NLE	2.301
Antimony	04/20/99	ND	14	0.460
Arsenic	04/20/99	12.2	20	0.460
Barium	04/20/99	43.6	700	0.115
Beryllium	04/20/99	1.19	1	0.115
Cadmium	04/20/99	ND	1	0.115
Calcium	04/20/99	3170	NLE	4.603
Chromium	04/20/99	117	NLE	0.115
Cobalt	04/20/99	2.62	NLE	0.115
Copper	04/20/99	13.6	600	0.690
Iron	04/20/99	36600	NLE	2.301
Lead	04/20/99	35.6	400	0.460
Magnesium	04/20/99	4350	NLE	4.603
Manganese	04/20/99	85.1	NLE	0.115
Mercury	04/08/99	0.083	14	0.023
Nickel	04/20/99	7.86	250	0.115
Potassium	04/20/99	10500	NLE	4.603
Selenium	04/20/99	ND	63	0.690
Silver	04/20/99	ND	110	0.690
Sodium	04/20/99	301	NLE	4.603
Thallium	04/20/99	ND	2	0.690
Vanadium	04/20/99	61.3	370	0.230
Zinc	04/20/99	87.8	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 #: 4401.38
Sample Received: 04/08/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-Dupe, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/20/99	8280	NLE	2.185
Antimony	04/20/99	ND	14	0.437
Arsenic	04/20/99	6.33	20	0.437
Barium	04/20/99	20.0	700	0.109
Beryllium	04/20/99	1.10	1	0.109
Cadmium	04/20/99	0.411	1	0.109
Calcium	04/20/99	215	NLE	4.371
Chromium	04/20/99	82.4	NLE	0.109
Cobalt	04/20/99	1.09	NLE	0.109
Copper	04/20/99	ND	600	0.656
Iron	04/20/99	21500	NLE	2.185
Lead	04/20/99	6.43	400	0.437
Magnesium	04/20/99	2260	NLE	4.371
Manganese	04/20/99	13.5	NLE	0.109
Mercury	04/13/99	0.027	14	0.022
Nickel	04/20/99	5.18	250	0.109
Potassium	04/20/99	5900	NLE	4.371
Selenium	04/20/99	ND	63	0.656
Silver	04/20/99	ND	110	0.656
Sodium	04/20/99	75.9	NLE	4.371
Thallium	04/20/99	ND	2	0.656
Vanadium	04/20/99	38.7	370	0.219
Zinc	04/20/99	34.8	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 #: 4401.40
Sample Received: 04/08/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-Dupe II, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/20/99	16100	NLE	2.302
Antimony	04/20/99	2.02	14	0.460
Arsenic	04/20/99	9.78	20	0.460
Barium	04/20/99	558	700	0.115
Beryllium	04/20/99	1.78	1	0.115
Cadmium	04/20/99	0.929	1	0.115
Calcium	04/20/99	41900	NLE	4.605
Chromium	04/20/99	57.6	NLE	0.115
Cobalt	04/20/99	4.48	NLE	0.115
Copper	04/20/99	15.6	600	0.691
Iron	04/20/99	13800	NLE	2.302
Lead	04/20/99	201	400	0.460
Magnesium	04/20/99	13700	NLE	4.605
Manganese	04/20/99	1530	NLE	0.115
Mercury	04/13/99	0.261	14	0.026
Nickel	04/20/99	11.7	250	0.115
Potassium	04/20/99	4730	NLE	4.605
Selenium	04/20/99	1.67	63	0.691
Silver	04/20/99	ND	110	0.691
Sodium	04/20/99	13400	NLE	4.605
Thallium	04/20/99	ND	2	0.691
Vanadium	04/20/99	45.9	370	0.230
Zinc	04/20/99	120	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 #: 4405.26
Sample Received: 04/09/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-Dupe, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/20/99	12300	NLE	2.333
Antimony	04/20/99	ND	14	0.467
Arsenic	04/20/99	29.2	20	0.467
Barium	04/20/99	66.6	700	0.117
Beryllium	04/20/99	1.57	1	0.117
Cadmium	04/20/99	ND	1	0.117
Calcium	04/20/99	1430	NLE	4.667
Chromium	04/20/99	173	NLE	0.117
Cobalt	04/20/99	1.05	NLE	0.117
Copper	04/20/99	4.40	600	0.700
Iron	04/20/99	42200	NLE	2.333
Lead	04/20/99	16.1	400	0.467
Magnesium	04/20/99	5450	NLE	4.667
Manganese	04/20/99	19.6	NLE	0.117
Mercury	04/13/99	0.142	14	0.023
Nickel	04/20/99	7.33	250	0.117
Potassium	04/20/99	14400	NLE	4.667
Selenium	04/20/99	1.72	63	0.700
Silver	04/20/99	ND	110	0.700
Sodium	04/20/99	279	NLE	4.667
Thallium	04/20/99	ND	2	0.700
Vanadium	04/20/99	62.9	370	0.233
Zinc	04/20/99	74.3	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 #: 4413.28
Sample Received: 04/13/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-Dupe, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/20/99	12800	NLE	2.070
Antimony	04/20/99	ND	14	0.414
Arsenic	04/20/99	12.2	20	0.414
Barium	04/20/99	51.3	700	0.103
Beryllium	04/20/99	1.32	1	0.103
Cadmium	04/20/99	0.322	1	0.103
Calcium	04/20/99	636	NLE	4.139
Chromium	04/20/99	140	NLE	0.103
Cobalt	04/20/99	2.69	NLE	0.103
Copper	04/20/99	37.4	600	0.621
Iron	04/20/99	44700	NLE	2.070
Lead	04/20/99	57.4	400	0.414
Magnesium	04/20/99	5050	NLE	4.139
Manganese	04/20/99	31.9	NLE	0.103
Mercury	04/23/99	6.31	14	0.259
Nickel	04/20/99	10.9	250	0.103
Potassium	04/20/99	13100	NLE	4.139
Selenium	04/20/99	ND	63	0.621
Silver	04/20/99	0.849	110	0.621
Sodium	04/20/99	239	NLE	4.139
Thallium	04/20/99	ND	2	0.621
Vanadium	04/20/99	70.7	370	0.207
Zinc	04/20/99	94.9	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 #: 4469.12
Sample Received: 05/07/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8 Dup

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	05/11/99	15400	NLE	2.338
Antimony	05/11/99	0.871	14	0.468
Arsenic	05/11/99	20.5	20	0.468
Barium	05/11/99	112	700	0.117
Beryllium	05/11/99	1.69	1	0.117
Cadmium	05/11/99	ND	1	0.117
Calcium	05/11/99	992	NLE	4.676
Chromium	05/11/99	192	NLE	0.117
Cobalt	05/11/99	1.36	NLE	0.117
Copper	05/11/99	23.6	600	0.701
Iron	05/11/99	49400	NLE	2.338
Lead	05/11/99	37.5	400	0.468
Magnesium	05/11/99	4900	NLE	4.676
Manganese	05/11/99	18.6	NLE	0.117
Mercury	05/26/99	0.076	14	0.024
Nickel	05/11/99	8.69	250	0.117
Potassium	05/11/99	15400	NLE	4.676
Selenium	05/11/99	2.33	63	0.701
Silver	05/11/99	ND	110	0.701
Sodium	05/11/99	186	NLE	4.676
Thallium	05/11/99	ND	2	0.701
Vanadium	05/11/99	50.2	370	0.234
Zinc	05/11/99	104	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 #: 4473.12
Sample Received: 05/10/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8 Dupe

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/10/99	10700	NLE	2.172
Antimony	06/10/99	6.39	14	0.434
Arsenic	06/10/99	6.70	20	0.434
Barium	06/10/99	495	700	0.109
Beryllium	06/10/99	0.688	1	0.109
Cadmium	06/10/99	1.24	1	0.109
Calcium	06/10/99	28300	NLE	4.345
Chromium	06/10/99	64.6	NLE	0.109
Cobalt	06/10/99	3.34	NLE	0.109
Copper	06/10/99	17.7	600	0.652
Iron	06/10/99	22400	NLE	2.172
Lead	06/10/99	1660	100	0.434
Magnesium	06/10/99	2930	NLE	4.345
Manganese	06/10/99	96.4	NLE	0.109
Mercury	06/09/99	0.453	14	0.023
Nickel	06/10/99	9.42	250	0.109
Potassium	06/10/99	3860	NLE	4.345
Selenium	06/10/99	0.690	63	0.652
Silver	06/10/99	ND	110	0.652
Sodium	06/10/99	156	NLE	4.345
Thallium	06/10/99	ND	2	0.652
Vanadium	06/10/99	47.1	370	0.217
Zinc	06/10/99	786	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 #: 4474.12
Sample Received: 05/11/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8 Dupe

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/10/99	10700	NLE	2.083
Antimony	06/10/99	ND	14	0.417
Arsenic	06/10/99	5.27	20	0.417
Barium	06/10/99	18.7	700	0.104
Beryllium	06/10/99	0.557	1	0.104
Cadmium	06/10/99	0.281	1	0.104
Calcium	06/10/99	244	NLE	4.166
Chromium	06/10/99	48.1	NLE	0.104
Cobalt	06/10/99	2.92	NLE	0.104
Copper	06/10/99	11.6	600	0.625
Iron	06/10/99	19100	NLE	2.083
Lead	06/10/99	5.15	100	0.417
Magnesium	06/10/99	1430	NLE	4.166
Manganese	06/10/99	82.2	NLE	0.104
Mercury	06/09/99	0.301	14	0.022
Nickel	06/10/99	6.50	250	0.104
Potassium	06/10/99	3150	NLE	4.166
Selenium	06/10/99	ND	63	0.625
Silver	06/10/99	ND	110	0.625
Sodium	06/10/99	176	NLE	4.166
Thallium	06/10/99	ND	2	0.625
Vanadium	06/10/99	45.7	370	0.208
Zinc	06/10/99	28.5	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 #: 4481.12
Sample Received: 05/13/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8 Dupe

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/10/99	8450	NLE	2.479
Antimony	06/10/99	1.20	14	0.496
Arsenic	06/10/99	5.35	20	0.496
Barium	06/10/99	43.9	700	0.124
Beryllium	06/10/99	0.674	1	0.124
Cadmium	06/10/99	1.33	1	0.124
Calcium	06/10/99	20200	NLE	4.957
Chromium	06/10/99	101	NLE	0.124
Cobalt	06/10/99	3.03	NLE	0.124
Copper	06/10/99	39.3	600	0.744
Iron	06/10/99	19500	NLE	2.479
Lead	06/10/99	86.6	100	0.496
Magnesium	06/10/99	3750	NLE	4.957
Manganese	06/10/99	120	NLE	0.124
Mercury	06/10/99	0.764	14	0.024
Nickel	06/10/99	9.64	250	0.124
Potassium	06/10/99	4000	NLE	4.957
Selenium	06/10/99	1.18	63	0.744
Silver	06/10/99	ND	110	0.744
Sodium	06/10/99	214	NLE	4.957
Thallium	06/10/99	ND	2	0.744
Vanadium	06/10/99	42.8	370	0.248
Zinc	06/10/99	151	1500	0.248

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4484.12
Sample Received: 05/14/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-Dupe, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/10/99	6870	NLE	1.930
Antimony	06/10/99	ND	14	0.386
Arsenic	06/10/99	7.26	20	0.386
Barium	06/10/99	27.4	700	0.096
Beryllium	06/10/99	0.468	1	0.096
Cadmium	06/10/99	0.403	1	0.096
Calcium	06/10/99	1330	NLE	3.860
Chromium	06/10/99	43.1	NLE	0.096
Cobalt	06/10/99	1.79	NLE	0.096
Copper	06/10/99	15.6	600	0.579
Iron	06/10/99	15300	NLE	1.930
Lead	06/10/99	58.2	100	0.386
Magnesium	06/10/99	1080	NLE	3.860
Manganese	06/10/99	75.9	NLE	0.096
Mercury	06/10/99	0.149	14	0.024
Nickel	06/10/99	5.30	250	0.096
Potassium	06/10/99	1960	NLE	3.860
Selenium	06/10/99	1.34	63	0.579
Silver	06/10/99	ND	110	0.579
Sodium	06/10/99	113	NLE	3.860
Thallium	06/10/99	ND	2	0.579
Vanadium	06/10/99	23.2	370	0.193
Zinc	06/10/99	96.4	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 #: 4490.12
Sample Received: 05/17/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8 Dupe

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/10/99	9660	NLE	1.760
Antimony	06/10/99	0.547	14	0.352
Arsenic	06/10/99	3.88	20	0.352
Barium	06/10/99	20.7	700	0.088
Beryllium	06/10/99	0.482	1	0.088
Cadmium	06/10/99	0.315	1	0.088
Calcium	06/10/99	2460	NLE	3.521
Chromium	06/10/99	54.2	NLE	0.088
Cobalt	06/10/99	4.57	NLE	0.088
Copper	06/10/99	48.6	600	0.528
Iron	06/10/99	18000	NLE	1.760
Lead	06/10/99	31.9	400	0.352
Magnesium	06/10/99	3480	NLE	3.521
Manganese	06/10/99	71.0	NLE	0.088
Mercury	06/10/99	0.891	14	0.020
Nickel	06/10/99	11.0	250	0.088
Potassium	06/10/99	3460	NLE	3.521
Selenium	06/10/99	0.584	63	0.528
Silver	06/10/99	ND	110	0.528
Sodium	06/10/99	346	NLE	3.521
Thallium	06/10/99	ND	2	0.528
Vanadium	06/10/99	55.6	370	0.176
Zinc	06/10/99	47.3	1500	0.176

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4533.12
Sample Received: 06/01/99
Sample Matrix: Soil

Site: M-8
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	07/14/99	4950	NLE	2.181
Antimony	07/14/99	11.3	14	0.436
Arsenic	07/14/99	6.31	20	0.436
Barium	07/14/99	20.6	700	0.109
Beryllium	07/14/99	0.446	1	0.109
Cadmium	07/14/99	0.654	1	0.109
Calcium	07/14/99	668	NLE	4.361
Chromium	07/14/99	2480	NLE	0.109
Cobalt	07/14/99	8.39	NLE	0.109
Copper	07/14/99	2.43	600	0.654
Iron	07/14/99	19100	NLE	2.181
Lead	07/14/99	11.1	100	0.436
Magnesium	07/14/99	3420	NLE	4.361
Manganese	07/14/99	62.4	NLE	0.109
Mercury	06/14/99	0.047	14	0.024
Nickel	07/14/99	12400	250	0.109
Potassium	07/14/99	5140	NLE	4.361
Selenium	07/14/99	ND	63	0.654
Silver	07/14/99	1.07	110	0.654
Sodium	07/14/99	218	NLE	4.361
Thallium	07/14/99	ND	2	0.654
Vanadium	07/14/99	39.5	370	0.218
Zinc	07/14/99	31.9	1500	0.218

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

SAMPLES

002887

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4045.02
Sample Received: 11/10/98
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-B1, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/19/98	5660	NLE	1.45
Antimony	11/19/98	ND	14	0.291
Arsenic	11/19/98	8.08	20	0.291
Barium	11/19/98	26.4	700	0.073
Beryllium	11/19/98	0.762	1	0.073
Cadmium	11/19/98	0.343	1	0.073
Calcium	11/19/98	459	NLE	2.91
Chromium	11/19/98	85.1	NLE	0.073
Cobalt	11/19/98	1.04	NLE	0.073
Copper	11/19/98	4.99	600	0.436
Iron	11/19/98	21600	NLE	1.45
Lead	11/19/98	8.34	100	0.291
Magnesium	11/19/98	2030	NLE	2.91
Manganese	11/19/98	37.5	NLE	0.073
Mercury	11/17/98	0.020	14	0.010
Nickel	11/19/98	4.33	250	0.073
Potassium	11/19/98	3590	NLE	2.91
Selenium	11/19/98	0.847	63	0.436
Silver	11/19/98	ND	110	0.436
Sodium	11/19/98	105	NLE	2.91
Thallium	11/19/98	ND	2	0.436
Vanadium	11/19/98	35.6	370	0.145
Zinc	11/19/98	47.1	1500	0.145

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4045.04
Sample Received: 11/10/98
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-B2, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/19/98	11200	NLE	1.19
Antimony	11/19/98	ND	14	0.239
Arsenic	11/19/98	10.8	20	0.239
Barium	11/19/98	42.4	700	0.060
Beryllium	11/19/98	1.43	1	0.060
Cadmium	11/19/98	0.756	1	0.060
Calcium	11/19/98	1540	NLE	2.39
Chromium	11/19/98	101	NLE	0.060
Cobalt	11/19/98	2.45	NLE	0.060
Copper	11/19/98	14.1	600	0.358
Iron	11/19/98	34600	NLE	1.19
Lead	11/19/98	52.5	100	0.239
Magnesium	11/19/98	4180	NLE	2.39
Manganese	11/19/98	45.8	NLE	0.060
Mercury	11/17/98	0.045	14	0.011
Nickel	11/19/98	10.7	250	0.060
Potassium	11/19/98	8500	NLE	2.39
Selenium	11/19/98	0.800	63	0.358
Silver	11/19/98	ND	110	0.358
Sodium	11/19/98	209	NLE	2.39
Thallium	11/19/98	ND	2	0.358
Vanadium	11/19/98	47.8	370	0.119
Zinc	11/19/98	95.7	1500	0.119

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4045.06
Sample Received: 11/10/98
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-B3, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/19/98	12700	NLE	1.71
Antimony	11/19/98	ND	14	0.342
Arsenic	11/19/98	14.7	20	0.342
Barium	11/19/98	42.9	700	0.086
Beryllium	11/19/98	1.59	1	0.086
Cadmium	11/19/98	0.705	1	0.086
Calcium	11/19/98	3810	NLE	3.42
Chromium	11/19/98	128	NLE	0.086
Cobalt	11/19/98	2.94	NLE	0.086
Copper	11/19/98	11.4	600	0.513
Iron	11/19/98	42600	NLE	1.71
Lead	11/19/98	45.5	100	0.342
Magnesium	11/19/98	4800	NLE	3.42
Manganese	11/19/98	104	NLE	0.086
Mercury	11/17/98	0.115	14	0.012
Nickel	11/19/98	15.2	250	0.086
Potassium	11/19/98	9500	NLE	3.42
Selenium	11/19/98	0.842	63	0.513
Silver	11/19/98	ND	110	0.513
Sodium	11/19/98	255	NLE	3.42
Thallium	11/19/98	ND	2	0.513
Vanadium	11/19/98	60.6	370	0.171
Zinc	11/19/98	113	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 #: 4045.08
Sample Received: 11/10/98
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-B4, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/19/98	7380	NLE	1.10
Antimony	11/19/98	2.53	14	0.221
Arsenic	11/19/98	8.78	20	0.221
Barium	11/19/98	67.0	700	0.055
Beryllium	11/19/98	0.788	1	0.055
Cadmium	11/19/98	0.923	1	0.055
Calcium	11/19/98	1900	NLE	2.21
Chromium	11/19/98	63.3	NLE	0.055
Cobalt	11/19/98	2.73	NLE	0.055
Copper	11/19/98	25	600	0.331
Iron	11/19/98	18800	NLE	1.10
Lead	11/19/98	445	100	0.221
Magnesium	11/19/98	2050	NLE	2.21
Manganese	11/19/98	46.3	NLE	0.055
Mercury	11/17/98	0.156	14	0.012
Nickel	11/19/98	8.52	250	0.055
Potassium	11/19/98	2950	NLE	2.21
Selenium	11/19/98	0.903	63	0.331
Silver	11/19/98	ND	110	0.331
Sodium	11/19/98	115	NLE	2.21
Thallium	11/19/98	ND	2	0.331
Vanadium	11/19/98	37.3	370	0.110
Zinc	11/19/98	329	1500	0.110

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4045.10
Sample Received: 11/10/98
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-B5, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/19/98	5420	NLE	1.29
Antimony	11/19/98	ND	14	0.259
Arsenic	11/19/98	8.39	20	0.259
Barium	11/19/98	31.3	700	0.065
Beryllium	11/19/98	0.659	1	0.065
Cadmium	11/19/98	0.339	1	0.065
Calcium	11/19/98	417	NLE	2.59
Chromium	11/19/98	73.6	NLE	0.065
Cobalt	11/19/98	1.00	NLE	0.065
Copper	11/19/98	4.84	600	0.388
Iron	11/19/98	17000	NLE	1.29
Lead	11/19/98	16.0	100	0.259
Magnesium	11/19/98	1890	NLE	2.59
Manganese	11/19/98	18.1	NLE	0.065
Mercury	11/17/98	0.053	14	0.011
Nickel	11/19/98	3.43	250	0.065
Potassium	11/19/98	3310	NLE	2.59
Selenium	11/19/98	1.02	63	0.388
Silver	11/19/98	0.893	110	0.388
Sodium	11/19/98	103	NLE	2.59
Thallium	11/19/98	ND	2	0.388
Vanadium	11/19/98	26.8	370	0.129
Zinc	11/19/98	65.7	1500	0.129

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4095.02
Sample Received: 11/30/98
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-B6, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	12/03/98	8130	NLE	1.638
Antimony	12/03/98	0.742	14	0.328
Arsenic	12/03/98	8.12	20	0.328
Barium	12/03/98	31.5	700	0.082
Beryllium	12/03/98	0.999	1	0.082
Cadmium	12/03/98	0.142	1	0.082
Calcium	12/03/98	771	NLE	3.276
Chromium	12/03/98	66.6	NLE	0.082
Cobalt	12/03/98	2.11	NLE	0.082
Copper	12/03/98	16.8	600	0.491
Iron	12/03/98	26300	NLE	1.638
Lead	12/03/98	74.4	100	0.328
Magnesium	12/03/98	2780	NLE	3.276
Manganese	12/03/98	59.1	NLE	0.082
Mercury	12/03/98	0.065	14	0.024
Nickel	12/03/98	8.22	250	0.082
Potassium	12/03/98	6510	NLE	3.276
Selenium	12/03/98	0.706	63	0.491
Silver	12/03/98	ND	110	0.491
Sodium	12/03/98	98.1	NLE	3.276
Thallium	12/03/98	ND	2	0.491
Vanadium	12/03/98	42.2	370	0.164
Zinc	12/03/98	71.3	1500	0.164

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4095.04
Sample Received: 11/30/98
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-B7, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	12/03/98	9230	NLE	1.333
Antimony	12/03/98	0.846	14	0.267
Arsenic	12/03/98	9.85	20	0.267
Barium	12/03/98	287	700	0.067
Beryllium	12/03/98	1.52	1	0.067
Cadmium	12/03/98	0.425	1	0.067
Calcium	12/03/98	992	NLE	2.666
Chromium	12/03/98	85.9	NLE	0.067
Cobalt	12/03/98	5.30	NLE	0.067
Copper	12/03/98	24.1	600	0.400
Iron	12/03/98	27000	NLE	1.333
Lead	12/03/98	223	100	0.267
Magnesium	12/03/98	3030	NLE	2.666
Manganese	12/03/98	126	NLE	0.067
Mercury	12/03/98	0.101	14	0.023
Nickel	12/03/98	14.2	250	0.067
Potassium	12/03/98	6970	NLE	2.666
Selenium	12/03/98	0.613	63	0.400
Silver	12/03/98	ND	110	0.400
Sodium	12/03/98	94.4	NLE	2.666
Thallium	12/03/98	ND	2	0.400
Vanadium	12/03/98	51.9	370	0.133
Zinc	12/03/98	306	1500	0.133

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4095.06
Sample Received: 11/30/98
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-B8, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	12/03/98	11300	NLE	1.995
Antimony	12/03/98	14.1	14	0.399
Arsenic	12/03/98	10.9	20	0.399
Barium	12/03/98	44.7	700	0.100
Beryllium	12/03/98	1.43	1	0.100
Cadmium	12/03/98	0.514	1	0.100
Calcium	12/03/98	1140	NLE	3.990
Chromium	12/03/98	99.5	NLE	0.100
Cobalt	12/03/98	2.20	NLE	0.100
Copper	12/03/98	13.2	600	0.598
Iron	12/03/98	24000	NLE	1.995
Lead	12/03/98	104	100	0.399
Magnesium	12/03/98	2880	NLE	3.990
Manganese	12/03/98	22.9	NLE	0.100
Mercury	12/03/98	0.059	14	0.024
Nickel	12/03/98	12.5	250	0.100
Potassium	12/03/98	6640	NLE	3.990
Selenium	12/03/98	1.38	63	0.598
Silver	12/03/98	ND	110	0.598
Sodium	12/03/98	125	NLE	3.990
Thallium	12/03/98	ND	2	0.598
Vanadium	12/03/98	64	370	0.199
Zinc	12/03/98	111	1500	0.199

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4095.08
Sample Received: 11/30/98
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-B9, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	12/03/98	9880	NLE	1.722
Antimony	12/03/98	2.22	14	0.344
Arsenic	12/03/98	14.8	20	0.344
Barium	12/03/98	90.7	700	0.086
Beryllium	12/03/98	1.21	1	0.086
Cadmium	12/03/98	0.945	1	0.086
Calcium	12/03/98	3480	NLE	3.444
Chromium	12/03/98	125	NLE	0.086
Cobalt	12/03/98	1.61	NLE	0.086
Copper	12/03/98	43.2	600	0.517
Iron	12/03/98	29700	NLE	1.722
Lead	12/03/98	52.5	100	0.344
Magnesium	12/03/98	3790	NLE	3.444
Manganese	12/03/98	34.2	NLE	0.086
Mercury	12/03/98	0.481	14	0.024
Nickel	12/03/98	10.9	250	0.086
Potassium	12/03/98	9030	NLE	3.444
Selenium	12/03/98	1.35	63	0.517
Silver	12/03/98	ND	110	0.517
Sodium	12/03/98	117	NLE	3.444
Thallium	12/03/98	ND	2	0.517
Vanadium	12/03/98	65.4	370	0.172
Zinc	12/03/98	252	1500	0.172

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4095.10
Sample Received: 11/30/98
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-B10, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	12/03/98	18500	NLE	1.158
Antimony	12/03/98	0.253	14	0.232
Arsenic	12/03/98	15.4	20	0.232
Barium	12/03/98	90.3	700	0.058
Beryllium	12/03/98	1.82	1	0.058
Cadmium	12/03/98	0.431	1	0.058
Calcium	12/03/98	3450	NLE	2.316
Chromium	12/03/98	199	NLE	0.058
Cobalt	12/03/98	3.21	NLE	0.058
Copper	12/03/98	11.3	600	0.347
Iron	12/03/98	45000	NLE	1.158
Lead	12/03/98	24	100	0.232
Magnesium	12/03/98	5780	NLE	2.316
Manganese	12/03/98	101	NLE	0.058
Mercury	12/03/98	0.233	14	0.021
Nickel	12/03/98	13.1	250	0.058
Potassium	12/03/98	14500	NLE	2.316
Selenium	12/03/98	1.31	63	0.347
Silver	12/03/98	2.36	110	0.347
Sodium	12/03/98	116	NLE	2.316
Thallium	12/03/98	ND	2	0.347
Vanadium	12/03/98	103	370	0.116
Zinc	12/03/98	135	1500	0.116

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4095.12
Sample Received: 11/30/98
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-B11, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	12/03/98	10900	NLE	1.297
Antimony	12/03/98	3.28	14	0.259
Arsenic	12/03/98	9.07	20	0.259
Barium	12/03/98	62.8	700	0.065
Beryllium	12/03/98	1.1	1	0.065
Cadmium	12/03/98	0.52	1	0.065
Calcium	12/03/98	2380	NLE	2.594
Chromium	12/03/98	85.6	NLE	0.065
Cobalt	12/03/98	3.40	NLE	0.065
Copper	12/03/98	20	600	0.389
Iron	12/03/98	31700	NLE	1.297
Lead	12/03/98	585	100	0.259
Magnesium	12/03/98	3450	NLE	2.594
Manganese	12/03/98	52.4	NLE	0.065
Mercury	12/03/98	0.199	14	0.023
Nickel	12/03/98	12.7	250	0.065
Potassium	12/03/98	7150	NLE	2.594
Selenium	12/03/98	0.763	63	0.389
Silver	12/03/98	ND	110	0.389
Sodium	12/03/98	78.6	NLE	2.594
Thallium	12/03/98	ND	2	0.389
Vanadium	12/03/98	53.5	370	0.130
Zinc	12/03/98	216	1500	0.106

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4145.02
Sample Received: 12/16/98
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-12, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	12/22/98	7970	NLE	2.38
Antimony	12/22/98	0.532	14	0.475
Arsenic	12/22/98	7.36	20	0.475
Barium	12/22/98	61.4	700	0.119
Beryllium	12/22/98	0.673	1	0.119
Cadmium	12/22/98	0.308	1	0.119
Calcium	12/22/98	11300	NLE	4.75
Chromium	12/22/98	60.1	NLE	0.119
Cobalt	12/22/98	3.02	NLE	0.119
Copper	12/22/98	19.2	600	0.713
Iron	12/22/98	23600	NLE	2.38
Lead	12/22/98	104	100	0.475
Magnesium	12/22/98	3400	NLE	4.75
Manganese	12/22/98	84.8	NLE	0.119
Mercury	12/31/98	0.089	14	0.019
Nickel	12/22/98	8.93	250	0.119
Potassium	12/22/98	4480	NLE	4.75
Selenium	12/22/98	0.915	63	0.713
Silver	12/22/98	ND	110	0.713
Sodium	12/22/98	293	NLE	4.75
Thallium	12/22/98	ND	2	0.713
Vanadium	12/22/98	43.3	370	0.238
Zinc	12/22/98	123	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 #: 4145.04
Sample Received: 12/16/98
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-13, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	12/22/98	13600	NLE	2.52
Antimony	12/22/98	1.30	14	0.504
Arsenic	12/22/98	19.8	20	0.504
Barium	12/22/98	54.7	700	0.126
Beryllium	12/22/98	1.63	1	0.126
Cadmium	12/22/98	0.161	1	0.13
Calcium	12/22/98	1410	NLE	5.043
Chromium	12/22/98	139	NLE	0.126
Cobalt	12/22/98	3.11	NLE	0.126
Copper	12/22/98	31.3	600	0.756
Iron	12/22/98	46400	NLE	2.52
Lead	12/22/98	193	100	0.504
Magnesium	12/22/98	4040	NLE	5.04
Manganese	12/22/98	56.4	NLE	0.126
Mercury	12/31/98	0.356	14	0.018
Nickel	12/22/98	12.4	250	0.126
Potassium	12/22/98	7990	NLE	5.04
Selenium	12/22/98	2.07	63	0.756
Silver	12/22/98	3.15	110	0.756
Sodium	12/22/98	742	NLE	5.04
Thallium	12/22/98	ND	2	0.756
Vanadium	12/22/98	79.0	370	0.252
Zinc	12/22/98	76.5	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 #: 4145.06
Sample Received: 12/16/98
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-14, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	12/22/98	8860	NLE	3.01
Antimony	12/22/98	ND	14	0.603
Arsenic	12/22/98	17.0	20	0.603
Barium	12/22/98	23.7	700	0.151
Beryllium	12/22/98	0.897	1	0.151
Cadmium	12/22/98	1.33	1	0.151
Calcium	12/22/98	2170	NLE	6.03
Chromium	12/22/98	100	NLE	0.151
Cobalt	12/22/98	2.11	NLE	0.151
Copper	12/22/98	30.5	600	0.904
Iron	12/22/98	37500	NLE	3.01
Lead	12/22/98	32.3	100	0.603
Magnesium	12/22/98	3320	NLE	6.03
Manganese	12/22/98	56.0	NLE	0.151
Mercury	12/31/98	0.122	14	0.028
Nickel	12/22/98	7.83	250	0.151
Potassium	12/22/98	6670	NLE	6.03
Selenium	12/22/98	1.20	63	0.904
Silver	12/22/98	ND	110	0.904
Sodium	12/22/98	474	NLE	6.03
Thallium	12/22/98	ND	2	0.904
Vanadium	12/22/98	57.0	370	0.301
Zinc	12/22/98	76.3	1500	0.301

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4145.08
Sample Received: 12/16/98
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-15, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	12/22/98	8280	NLE	2.84
Antimony	12/22/98	1.91	14	0.568
Arsenic	12/22/98	19.0	20	0.568
Barium	12/22/98	36.6	700	0.142
Beryllium	12/22/98	0.822	1	0.142
Cadmium	12/22/98	0.435	1	0.142
Calcium	12/22/98	1990	NLE	5.68
Chromium	12/22/98	108	NLE	0.142
Cobalt	12/22/98	1.92	NLE	0.142
Copper	12/22/98	29.9	600	0.852
Iron	12/22/98	35600	NLE	2.84
Lead	12/22/98	115	100	0.568
Magnesium	12/22/98	3150	NLE	5.68
Manganese	12/22/98	48.8	NLE	0.142
Mercury	12/31/98	0.258	14	0.027
Nickel	12/22/98	7.48	250	0.142
Potassium	12/22/98	6660	NLE	5.68
Selenium	12/22/98	1.95	63	0.852
Silver	12/22/98	4.17	110	0.852
Sodium	12/22/98	233	NLE	5.68
Thallium	12/22/98	ND	2	0.852
Vanadium	12/22/98	63.8	370	0.284
Zinc	12/22/98	68.7	1500	0.284

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4145.10
Sample Received: 12/16/98
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-16, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	12/22/98	11300	NLE	2.47
Antimony	12/22/98	1.77	14	0.495
Arsenic	12/22/98	23.7	20	0.495
Barium	12/22/98	32.6	700	0.124
Beryllium	12/22/98	1.62	1	0.124
Cadmium	12/22/98	1.25	1	0.124
Calcium	12/22/98	1190	NLE	4.95
Chromium	12/22/98	202	NLE	0.124
Cobalt	12/22/98	1.69	NLE	0.124
Copper	12/22/98	61.8	600	0.742
Iron	12/22/98	51000	NLE	2.47
Lead	12/22/98	115	100	0.495
Magnesium	12/22/98	5430	NLE	4.95
Manganese	12/22/98	33.9	NLE	0.124
Mercury	12/31/98	0.253	14	0.027
Nickel	12/22/98	8.94	250	0.124
Potassium	12/22/98	12300	NLE	4.95
Selenium	12/22/98	2.10	63	0.742
Silver	12/22/98	4.93	110	0.742
Sodium	12/22/98	282	NLE	4.95
Thallium	12/22/98	ND	2	0.742
Vanadium	12/22/98	80.4	370	0.247
Zinc	12/22/98	84.7	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 #: 4145.12
Sample Received: 12/16/98
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-17, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	12/22/98	8170	NLE	2.50
Antimony	12/22/98	1.36	14	0.501
Arsenic	12/22/98	8.88	20	0.501
Barium	12/22/98	28.6	700	0.125
Beryllium	12/22/98	0.805	1	0.125
Cadmium	12/22/98	0.382	1	0.125
Calcium	12/22/98	2050	NLE	5.01
Chromium	12/22/98	72.4	NLE	0.125
Cobalt	12/22/98	2.27	NLE	0.125
Copper	12/22/98	1160.0	600	0.751
Iron	12/22/98	25100	NLE	2.50
Lead	12/22/98	54.0	100	0.501
Magnesium	12/22/98	2690	NLE	5.01
Manganese	12/22/98	62.9	NLE	0.125
Mercury	12/31/98	0.085	14	0.022
Nickel	12/22/98	7.49	250	0.125
Potassium	12/22/98	4990	NLE	5.01
Selenium	12/22/98	0.986	63	0.751
Silver	12/22/98	ND	110	0.751
Sodium	12/22/98	213	NLE	5.01
Thallium	12/22/98	ND	2	0.751
Vanadium	12/22/98	45.8	370	0.250
Zinc	12/22/98	100	1500	0.250

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4145.14
Sample Received: 12/16/98
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-18, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	12/22/98	13900	NLE	2.80
Antimony	12/22/98	1.88	14	0.559
Arsenic	12/22/98	21.4	20	0.559
Barium	12/22/98	51.4	700	0.140
Beryllium	12/22/98	1.10	1	0.140
Cadmium	12/22/98	1.69	1	0.140
Calcium	12/22/98	1670	NLE	5.59
Chromium	12/22/98	166	NLE	0.140
Cobalt	12/22/98	2.77	NLE	0.140
Copper	12/22/98	74.6	600	0.839
Iron	12/22/98	45200	NLE	2.80
Lead	12/22/98	269	100	0.559
Magnesium	12/22/98	4630	NLE	5.59
Manganese	12/22/98	51.6	NLE	0.140
Mercury	12/31/98	0.616	14	0.023
Nickel	12/22/98	11.6	250	0.140
Potassium	12/22/98	9410	NLE	5.59
Selenium	12/22/98	2.09	63	0.839
Silver	12/22/98	6.13	110	0.839
Sodium	12/22/98	407	NLE	5.59
Thallium	12/22/98	ND	2	0.839
Vanadium	12/22/98	93.4	370	0.280
Zinc	12/22/98	110	1500	0.280

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4145.16
Sample Received: 12/16/98
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-19, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	12/22/98	4030	NLE	1.93
Antimony	12/22/98	ND	14	0.386
Arsenic	12/22/98	4.01	20	0.386
Barium	12/22/98	18.1	700	0.096
Beryllium	12/22/98	0.362	1	0.096
Cadmium	12/22/98	0.206	1	0.096
Calcium	12/22/98	3640	NLE	3.86
Chromium	12/22/98	65.6	NLE	0.096
Cobalt	12/22/98	1.74	NLE	0.096
Copper	12/22/98	10	600	0.579
Iron	12/22/98	13500	NLE	1.93
Lead	12/22/98	39.8	100	0.386
Magnesium	12/22/98	1940	NLE	3.86
Manganese	12/22/98	228	NLE	0.096
Mercury	12/31/98	0.064	14	0.021
Nickel	12/22/98	5.18	250	0.096
Potassium	12/22/98	2560	NLE	3.86
Selenium	12/22/98	ND	63	0.579
Silver	12/22/98	ND	110	0.579
Sodium	12/22/98	199	NLE	3.86
Thallium	12/22/98	ND	2	0.579
Vanadium	12/22/98	23.3	370	0.193
Zinc	12/22/98	155	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 #: 4145.18
Sample Received: 12/16/98
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-20, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	12/22/98	7590	NLE	2.11
Antimony	12/22/98	0.468	14	0.422
Arsenic	12/22/98	6.68	20	0.422
Barium	12/22/98	27.4	700	0.105
Beryllium	12/22/98	0.645	1	0.105
Cadmium	12/22/98	0.224	1	0.105
Calcium	12/22/98	2230	NLE	4.22
Chromium	12/22/98	58.4	NLE	0.105
Cobalt	12/22/98	2.41	NLE	0.105
Copper	12/22/98	14.9	600	0.632
Iron	12/22/98	24300	NLE	2.11
Lead	12/22/98	25.9	100	0.422
Magnesium	12/22/98	2540	NLE	4.22
Manganese	12/22/98	73.5	NLE	0.105
Mercury	12/31/98	0.087	14	0.022
Nickel	12/22/98	7.23	250	0.105
Potassium	12/22/98	4280	NLE	4.22
Selenium	12/22/98	0.678	63	0.632
Silver	12/22/98	ND	110	0.632
Sodium	12/22/98	281	NLE	4.22
Thallium	12/22/98	ND	2	0.632
Vanadium	12/22/98	47.0	370	0.211
Zinc	12/22/98	69.6	1500	0.211

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4145.20
Sample Received: 12/16/98
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-21, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	12/22/98	10000	NLE	2.49
Antimony	12/22/98	1.63	14	0.499
Arsenic	12/22/98	12.9	20	0.499
Barium	12/22/98	48.3	700	0.125
Beryllium	12/22/98	1.13	1	0.125
Cadmium	12/22/98	0.218	1	0.125
Calcium	12/22/98	1920	NLE	4.99
Chromium	12/22/98	98.5	NLE	0.125
Cobalt	12/22/98	2.25	NLE	0.125
Copper	12/22/98	16.5	600	0.748
Iron	12/22/98	31700	NLE	2.49
Lead	12/22/98	45.3	100	0.499
Magnesium	12/22/98	3760	NLE	4.99
Manganese	12/22/98	91.9	NLE	0.125
Mercury	12/31/98	0.132	14	0.020
Nickel	12/22/98	7.28	250	0.125
Potassium	12/22/98	7500	NLE	4.99
Selenium	12/22/98	0.905	63	0.748
Silver	12/22/98	ND	110	0.748
Sodium	12/22/98	260	NLE	4.99
Thallium	12/22/98	ND	2	0.748
Vanadium	12/22/98	57.5	370	0.249
Zinc	12/22/98	124	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 #: 4145.22
Sample Received: 12/16/98
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-22, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	12/22/98	15800	NLE	2.69
Antimony	12/22/98	30.7	14	0.538
Arsenic	12/22/98	14.6	20	0.538
Barium	12/22/98	72.5	700	0.134
Beryllium	12/22/98	1.29	1	0.134
Cadmium	12/22/98	4.630	1	0.134
Calcium	12/22/98	4940	NLE	5.38
Chromium	12/22/98	119	NLE	0.134
Cobalt	12/22/98	4.22	NLE	0.134
Copper	12/22/98	43.4	600	0.807
Iron	12/22/98	43600	NLE	2.69
Lead	12/22/98	119	100	0.538
Magnesium	12/22/98	3730	NLE	5.38
Manganese	12/22/98	75.5	NLE	0.134
Mercury	12/31/98	0.301	14	0.021
Nickel	12/22/98	13.2	250	0.134
Potassium	12/22/98	7220	NLE	5.38
Selenium	12/22/98	1.12	63	0.807
Silver	12/22/98	ND	110	0.807
Sodium	12/22/98	303	NLE	5.38
Thallium	12/22/98	ND	2	0.807
Vanadium	12/22/98	86.5	370	0.269
Zinc	12/22/98	250	1500	0.269

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4145.24
Sample Received: 12/16/98
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-23, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	12/22/98	13600	NLE	2.93
Antimony	12/22/98	1.39	14	0.587
Arsenic	12/22/98	18.0	20	0.587
Barium	12/22/98	52.8	700	0.147
Beryllium	12/22/98	1.10	1	0.147
Cadmium	12/22/98	3.86	1	0.147
Calcium	12/22/98	2880	NLE	5.87
Chromium	12/22/98	138	NLE	0.147
Cobalt	12/22/98	3.07	NLE	0.147
Copper	12/22/98	49.2	600	0.880
Iron	12/22/98	38400	NLE	2.93
Lead	12/22/98	187	100	0.587
Magnesium	12/22/98	3700	NLE	5.87
Manganese	12/22/98	48.3	NLE	0.147
Mercury	12/31/98	0.424	14	0.028
Nickel	12/22/98	10.6	250	0.147
Potassium	12/22/98	8270	NLE	5.87
Selenium	12/22/98	1.73	63	0.880
Silver	12/22/98	5.31	110	0.880
Sodium	12/22/98	301	NLE	5.87
Thallium	12/22/98	ND	2	0.880
Vanadium	12/22/98	82.5	370	0.293
Zinc	12/22/98	96.6	1500	0.293

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4145.26
Sample Received: 12/16/98
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-24, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	12/22/98	9510	NLE	1.60
Antimony	12/22/98	7.64	14	0.321
Arsenic	12/22/98	7.31	20	0.321
Barium	12/22/98	40.4	700	0.080
Beryllium	12/22/98	0.960	1	0.080
Cadmium	12/22/98	2.09	1	0.080
Calcium	12/22/98	1780	NLE	3.21
Chromium	12/22/98	63.5	NLE	0.080
Cobalt	12/22/98	3.7	NLE	0.080
Copper	12/22/98	25.1	600	0.481
Iron	12/22/98	23200	NLE	1.60
Lead	12/22/98	68.1	100	0.321
Magnesium	12/22/98	2170	NLE	3.21
Manganese	12/22/98	63.1	NLE	0.080
Mercury	12/31/98	0.175	14	0.024
Nickel	12/22/98	9.47	250	0.080
Potassium	12/22/98	4060	NLE	3.21
Selenium	12/22/98	0.579	63	0.481
Silver	12/22/98	ND	110	0.481
Sodium	12/22/98	133	NLE	3.21
Thallium	12/22/98	ND	2	0.481
Vanadium	12/22/98	51.6	370	0.160
Zinc	12/22/98	141	1500	0.160

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4145.28
Sample Received: 12/16/98
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-25, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	12/22/98	8990	NLE	2.37
Antimony	12/22/98	0.956	14	0.473
Arsenic	12/22/98	8.82	20	0.473
Barium	12/22/98	31.1	700	0.118
Beryllium	12/22/98	0.66	1	0.118
Cadmium	12/22/98	0.757	1	0.118
Calcium	12/22/98	2960	NLE	4.73
Chromium	12/22/98	66.5	NLE	0.118
Cobalt	12/22/98	3.84	NLE	0.118
Copper	12/22/98	29.8	600	0.710
Iron	12/22/98	26300	NLE	2.37
Lead	12/22/98	48.6	100	0.473
Magnesium	12/22/98	3100	NLE	4.73
Manganese	12/22/98	94.5	NLE	0.118
Mercury	12/31/98	0.128	14	0.027
Nickel	12/22/98	9.97	250	0.118
Potassium	12/22/98	4320	NLE	4.73
Selenium	12/22/98	ND	63	0.710
Silver	12/22/98	ND	110	0.710
Sodium	12/22/98	299	NLE	4.73
Thallium	12/22/98	ND	2	0.710
Vanadium	12/22/98	49.5	370	0.237
Zinc	12/22/98	140	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 #: 4145.30
Sample Received: 12/16/98
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-26, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	12/22/98	12900	NLE	2.52
Antimony	12/22/98	2.13	14	0.505
Arsenic	12/22/98	20.9	20	0.505
Barium	12/22/98	44.1	700	0.126
Beryllium	12/22/98	1.02	1	0.126
Cadmium	12/22/98	2.460	1	0.126
Calcium	12/22/98	1850	NLE	5.05
Chromium	12/22/98	167	NLE	0.126
Cobalt	12/22/98	3.28	NLE	0.126
Copper	12/22/98	87.1	600	0.757
Iron	12/22/98	42400	NLE	2.52
Lead	12/22/98	194	100	0.505
Magnesium	12/22/98	3540	NLE	5.05
Manganese	12/22/98	63.8	NLE	0.126
Mercury	12/31/98	0.568	14	0.025
Nickel	12/22/98	13.3	250	0.126
Potassium	12/22/98	6840	NLE	5.05
Selenium	12/22/98	1.74	63	0.757
Silver	12/22/98	7.58	110	0.757
Sodium	12/22/98	316	NLE	5.05
Thallium	12/22/98	ND	2	0.757
Vanadium	12/22/98	87.6	370	0.252
Zinc	12/22/98	128	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 #: 4145.32
Sample Received: 12/16/98
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-27, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	12/22/98	10600	NLE	1.78
Antimony	12/22/98	3.72	14	0.357
Arsenic	12/22/98	7.77	20	0.357
Barium	12/22/98	66.1	700	0.089
Beryllium	12/22/98	1.02	1	0.089
Cadmium	12/22/98	3.54	1	0.089
Calcium	12/22/98	4490	NLE	3.57
Chromium	12/22/98	66.0	NLE	0.089
Cobalt	12/22/98	4.0	NLE	0.089
Copper	12/22/98	25.5	600	0.535
Iron	12/22/98	26400	NLE	1.78
Lead	12/22/98	71.9	100	0.357
Magnesium	12/22/98	2070	NLE	3.57
Manganese	12/22/98	185	NLE	0.089
Mercury	12/31/98	0.200	14	0.017
Nickel	12/22/98	11.7	250	0.089
Potassium	12/22/98	4200	NLE	3.57
Selenium	12/22/98	0.678	63	0.535
Silver	12/22/98	ND	110	0.535
Sodium	12/22/98	138	NLE	3.57
Thallium	12/22/98	ND	2	0.535
Vanadium	12/22/98	51.5	370	0.178
Zinc	12/22/98	183	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 #: 4145.34
Sample Received: 12/16/98
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-28, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	12/22/98	13100	NLE	1.91
Antimony	12/22/98	1.07	14	0.383
Arsenic	12/22/98	17.2	20	0.383
Barium	12/22/98	37.4	700	0.096
Beryllium	12/22/98	1.58	1	0.096
Cadmium	12/22/98	0.345	1	0.096
Calcium	12/22/98	2360	NLE	3.83
Chromium	12/22/98	157	NLE	0.096
Cobalt	12/22/98	2.75	NLE	0.096
Copper	12/22/98	13.9	600	0.574
Iron	12/22/98	50400	NLE	1.91
Lead	12/22/98	33.3	100	0.383
Magnesium	12/22/98	5660	NLE	3.83
Manganese	12/22/98	101	NLE	0.096
Mercury	12/31/98	0.073	14	0.018
Nickel	12/22/98	11.1	250	0.096
Potassium	12/22/98	11800	NLE	3.83
Selenium	12/22/98	1.3	63	0.574
Silver	12/22/98	ND	110	0.574
Sodium	12/22/98	146	NLE	3.83
Thallium	12/22/98	ND	2	0.574
Vanadium	12/22/98	86.5	370	0.191
Zinc	12/22/98	95.3	1500	0.191

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4194.02
Sample Received: 01/19/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-29, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	01/25/99	11100	NLE	2.077
Antimony	01/25/99	ND	14	0.415
Arsenic	01/25/99	7.23	20	0.415
Barium	01/25/99	46.6	700	0.104
Beryllium	01/25/99	0.872	1	0.104
Cadmium	01/25/99	0.792	1	0.104
Calcium	01/25/99	1560	NLE	4.154
Chromium	01/25/99	75.9	NLE	0.104
Cobalt	01/25/99	2.56	NLE	0.104
Copper	01/25/99	10.4	600	0.623
Iron	01/25/99	20500	NLE	2.077
Lead	01/25/99	54.5	100	0.415
Magnesium	01/25/99	2160	NLE	4.154
Manganese	01/25/99	26.6	NLE	0.104
Mercury	01/22/99	0.08	14	0.026
Nickel	01/25/99	11.4	250	0.104
Potassium	01/25/99	4670	NLE	4.154
Selenium	01/25/99	0.648	63	0.623
Silver	01/25/99	ND	110	0.623
Sodium	01/25/99	150	NLE	4.154
Thallium	01/25/99	ND	2	0.623
Vanadium	01/25/99	46	370	0.208
Zinc	01/25/99	59.9	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 #: 4194.04
Sample Received: 01/19/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-30, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	01/25/99	10300	NLE	1.710
Antimony	01/25/99	1.53	14	0.342
Arsenic	01/25/99	5.26	20	0.342
Barium	01/25/99	35	700	0.086
Beryllium	01/25/99	0.608	1	0.086
Cadmium	01/25/99	0.688	1	0.086
Calcium	01/25/99	4440	NLE	3.421
Chromium	01/25/99	53.8	NLE	0.086
Cobalt	01/25/99	1.84	NLE	0.086
Copper	01/25/99	10.1	600	0.513
Iron	01/25/99	19900	NLE	1.710
Lead	01/25/99	60.7	100	0.342
Magnesium	01/25/99	1780	NLE	3.421
Manganese	01/25/99	51.6	NLE	0.086
Mercury	01/22/99	0.07	14	0.025
Nickel	01/25/99	6.71	250	0.086
Potassium	01/25/99	2560	NLE	3.421
Selenium	01/25/99	ND	63	0.513
Silver	01/25/99	ND	110	0.513
Sodium	01/25/99	101	NLE	3.421
Thallium	01/25/99	ND	2	0.513
Vanadium	01/25/99	58.4	370	0.171
Zinc	01/25/99	83.1	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 #: 4194.06
Sample Received: 01/19/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-31, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	01/25/99	11400	NLE	1.710
Antimony	01/25/99	7.02	14	0.342
Arsenic	01/25/99	7.28	20	0.342
Barium	01/25/99	69.8	700	0.086
Beryllium	01/25/99	0.726	1	0.086
Cadmium	01/25/99	0.750	1	0.086
Calcium	01/25/99	4540	NLE	3.421
Chromium	01/25/99	61.0	NLE	0.086
Cobalt	01/25/99	2.44	NLE	0.086
Copper	01/25/99	17.3	600	0.513
Iron	01/25/99	20400	NLE	1.710
Lead	01/25/99	191	100	0.342
Magnesium	01/25/99	2560	NLE	3.421
Manganese	01/25/99	82.2	NLE	0.086
Mercury	01/22/99	0.07	14	0.025
Nickel	01/25/99	14.9	250	0.086
Potassium	01/25/99	4460	NLE	3.421
Selenium	01/25/99	1.05	63	0.513
Silver	01/25/99	0.821	110	0.513
Sodium	01/25/99	171	NLE	3.421
Thallium	01/25/99	ND	2	0.513
Vanadium	01/25/99	39.4	370	0.171
Zinc	01/25/99	237	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 #: 4194.08
Sample Received: 01/19/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-32, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	01/25/99	9630	NLE	2.271
Antimony	01/25/99	0.890	14	0.454
Arsenic	01/25/99	6.77	20	0.454
Barium	01/25/99	44.0	700	0.114
Beryllium	01/25/99	0.782	1	0.114
Cadmium	01/25/99	0.613	1	0.114
Calcium	01/25/99	1640	NLE	4.543
Chromium	01/25/99	64.3	NLE	0.114
Cobalt	01/25/99	2.01	NLE	0.114
Copper	01/25/99	8.99	600	0.681
Iron	01/25/99	20600	NLE	2.271
Lead	01/25/99	40.0	100	0.454
Magnesium	01/25/99	1860	NLE	4.543
Manganese	01/25/99	45.1	NLE	0.114
Mercury	01/22/99	0.18	14	0.024
Nickel	01/25/99	12.6	250	0.114
Potassium	01/25/99	3900	NLE	4.543
Selenium	01/25/99	1.19	63	0.681
Silver	01/25/99	3.57	110	0.681
Sodium	01/25/99	147	NLE	4.543
Thallium	01/25/99	ND	2	0.681
Vanadium	01/25/99	40.6	370	0.227
Zinc	01/25/99	67.7	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 #: 4194.10
Sample Received: 01/19/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-33, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	01/25/99	13000	NLE	1.997
Antimony	01/25/99	26.1	14	0.399
Arsenic	01/25/99	6.94	20	0.399
Barium	01/25/99	57.0	700	0.100
Beryllium	01/25/99	0.734	1	0.100
Cadmium	01/25/99	0.786	1	0.100
Calcium	01/25/99	2420	NLE	3.995
Chromium	01/25/99	62.5	NLE	0.100
Cobalt	01/25/99	3.88	NLE	0.100
Copper	01/25/99	20.9	600	0.599
Iron	01/25/99	22700	NLE	1.997
Lead	01/25/99	76.7	100	0.399
Magnesium	01/25/99	2100	NLE	3.995
Manganese	01/25/99	75.6	NLE	0.100
Mercury	01/22/99	0.12	14	0.022
Nickel	01/25/99	10.5	250	0.100
Potassium	01/25/99	3370	NLE	3.995
Selenium	01/25/99	0.837	63	0.599
Silver	01/25/99	ND	110	0.599
Sodium	01/25/99	166	NLE	3.995
Thallium	01/25/99	ND	2	0.599
Vanadium	01/25/99	51.9	370	0.200
Zinc	01/25/99	127	1500	0.200

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4194.12
Sample Received: 01/19/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-34, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	01/25/99	7170	NLE	2.320
Antimony	01/25/99	0.780	14	0.464
Arsenic	01/25/99	7.37	20	0.464
Barium	01/25/99	45.1	700	0.116
Beryllium	01/25/99	0.814	1	0.116
Cadmium	01/25/99	1.06	1	0.116
Calcium	01/25/99	2400	NLE	4.640
Chromium	01/25/99	67.6	NLE	0.116
Cobalt	01/25/99	2.60	NLE	0.116
Copper	01/25/99	15.2	600	0.696
Iron	01/25/99	19300	NLE	2.320
Lead	01/25/99	56.3	100	0.464
Magnesium	01/25/99	1750	NLE	4.640
Manganese	01/25/99	63.0	NLE	0.116
Mercury	01/22/99	0.21	14	0.026
Nickel	01/25/99	7.51	250	0.116
Potassium	01/25/99	3770	NLE	4.640
Selenium	01/25/99	1.20	63	0.696
Silver	01/25/99	5.88	110	0.696
Sodium	01/25/99	75.9	NLE	4.640
Thallium	01/25/99	ND	2	0.696
Vanadium	01/25/99	34.7	370	0.232
Zinc	01/25/99	106	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 #: 4194.14
Sample Received: 01/19/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-35, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	01/25/99	7240	NLE	2.320
Antimony	01/25/99	0.545	14	0.464
Arsenic	01/25/99	6.89	20	0.464
Barium	01/25/99	36.8	700	0.116
Beryllium	01/25/99	0.768	1	0.116
Cadmium	01/25/99	0.631	1	0.116
Calcium	01/25/99	831	NLE	4.640
Chromium	01/25/99	65.3	NLE	0.116
Cobalt	01/25/99	1.84	NLE	0.116
Copper	01/25/99	8.85	600	0.696
Iron	01/25/99	18300	NLE	2.320
Lead	01/25/99	43.2	100	0.464
Magnesium	01/25/99	1790	NLE	4.640
Manganese	01/25/99	30.3	NLE	0.116
Mercury	01/22/99	0.16	14	0.025
Nickel	01/25/99	5.87	250	0.116
Potassium	01/25/99	3790	NLE	4.640
Selenium	01/25/99	0.957	63	0.696
Silver	01/25/99	4.42	110	0.696
Sodium	01/25/99	88.3	NLE	4.640
Thallium	01/25/99	ND	2	0.696
Vanadium	01/25/99	34.9	370	0.232
Zinc	01/25/99	58.3	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 #: 4194.16
Sample Received: 01/19/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-36, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	01/25/99	8940	NLE	2.874
Antimony	01/25/99	30.0	14	0.575
Arsenic	01/25/99	10.6	20	0.575
Barium	01/25/99	282	700	0.144
Beryllium	01/25/99	0.760	1	0.144
Cadmium	01/25/99	2.20	1	0.144
Calcium	01/25/99	16600	NLE	5.748
Chromium	01/25/99	66.0	NLE	0.144
Cobalt	01/25/99	4.91	NLE	0.144
Copper	01/25/99	26.3	600	0.862
Iron	01/25/99	31600	NLE	2.874
Lead	01/25/99	1990	100	0.575
Magnesium	01/25/99	2360	NLE	5.748
Manganese	01/25/99	152	NLE	0.144
Mercury	01/22/99	1.25	14	0.030
Nickel	01/25/99	15.5	250	0.144
Potassium	01/25/99	4000	NLE	5.748
Selenium	01/25/99	2.32	63	0.862
Silver	01/25/99	1.42	110	0.862
Sodium	01/25/99	147	NLE	5.748
Thallium	01/25/99	ND	2	0.862
Vanadium	01/25/99	43.3	370	0.287
Zinc	01/25/99	904	1500	0.287

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4194.18
Sample Received: 01/19/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-37, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	01/25/99	7840	NLE	2.315
Antimony	01/25/99	4.78	14	0.463
Arsenic	01/25/99	10.2	20	0.463
Barium	01/25/99	135	700	0.116
Beryllium	01/25/99	0.851	1	0.116
Cadmium	01/25/99	1.38	1	0.116
Calcium	01/25/99	2210	NLE	4.630
Chromium	01/25/99	72.3	NLE	0.116
Cobalt	01/25/99	3.05	NLE	0.116
Copper	01/25/99	35.4	600	0.694
Iron	01/25/99	25000	NLE	2.315
Lead	01/25/99	528	100	0.463
Magnesium	01/25/99	2360	NLE	4.630
Manganese	01/25/99	88.7	NLE	0.116
Mercury	01/22/99	0.35	14	0.025
Nickel	01/25/99	8.44	250	0.116
Potassium	01/25/99	4540	NLE	4.630
Selenium	01/25/99	1.61	63	0.694
Silver	01/25/99	ND	110	0.694
Sodium	01/25/99	239	NLE	4.630
Thallium	01/25/99	ND	2	0.694
Vanadium	01/25/99	35.6	370	0.231
Zinc	01/25/99	262	1500	0.231

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4194.20
Sample Received: 01/19/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-38, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	01/25/99	10200	NLE	1.821
Antimony	01/25/99	0.846	14	0.364
Arsenic	01/25/99	11.6	20	0.364
Barium	01/25/99	61.4	700	0.091
Beryllium	01/25/99	1.06	1	0.091
Cadmium	01/25/99	1.13	1	0.091
Calcium	01/25/99	1300	NLE	3.641
Chromium	01/25/99	102	NLE	0.091
Cobalt	01/25/99	2.61	NLE	0.091
Copper	01/25/99	28.8	600	0.546
Iron	01/25/99	30300	NLE	1.821
Lead	01/25/99	62.7	100	0.364
Magnesium	01/25/99	3260	NLE	3.641
Manganese	01/25/99	40.4	NLE	0.091
Mercury	01/22/99	0.16	14	0.025
Nickel	01/25/99	8.91	250	0.091
Potassium	01/25/99	6570	NLE	3.641
Selenium	01/25/99	1.07	63	0.546
Silver	01/25/99	2.38	110	0.546
Sodium	01/25/99	185	NLE	3.641
Thallium	01/25/99	ND	2	0.546
Vanadium	01/25/99	38.1	370	0.182
Zinc	01/25/99	75.1	1500	0.182

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4194.22
Sample Received: 01/19/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-39, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	01/25/99	5410	NLE	2.280
Antimony	01/25/99	0.909	14	0.456
Arsenic	01/25/99	6.79	20	0.456
Barium	01/25/99	31.6	700	0.114
Beryllium	01/25/99	0.557	1	0.114
Cadmium	01/25/99	0.617	1	0.114
Calcium	01/25/99	246	NLE	4.561
Chromium	01/25/99	62.7	NLE	0.114
Cobalt	01/25/99	0.724	NLE	0.114
Copper	01/25/99	15.8	600	0.684
Iron	01/25/99	19200	NLE	2.280
Lead	01/25/99	45.9	100	0.456
Magnesium	01/25/99	1680	NLE	4.561
Manganese	01/25/99	160	NLE	0.114
Mercury	01/22/99	0.33	14	0.025
Nickel	01/25/99	3.64	250	0.114
Potassium	01/25/99	4030	NLE	4.561
Selenium	01/25/99	1.03	63	0.684
Silver	01/25/99	1.07	110	0.684
Sodium	01/25/99	162	NLE	4.561
Thallium	01/25/99	ND	2	0.684
Vanadium	01/25/99	25.1	370	0.228
Zinc	01/25/99	41.3	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 #: 4194.24
Sample Received: 01/19/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-40, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	01/25/99	9850	NLE	2.251
Antimony	01/25/99	1.21	14	0.450
Arsenic	01/25/99	7.46	20	0.450
Barium	01/25/99	39.5	700	0.113
Beryllium	01/25/99	0.960	1	0.113
Cadmium	01/25/99	0.578	1	0.113
Calcium	01/25/99	10400	NLE	4.502
Chromium	01/25/99	203	NLE	0.113
Cobalt	01/25/99	3.97	NLE	0.113
Copper	01/25/99	354	600	0.675
Iron	01/25/99	22900	NLE	2.251
Lead	01/25/99	27.7	100	0.450
Magnesium	01/25/99	2320	NLE	4.502
Manganese	01/25/99	74.8	NLE	0.113
Mercury	01/22/99	0.06	14	0.018
Nickel	01/25/99	12.2	250	0.113
Potassium	01/25/99	2820	NLE	4.502
Selenium	01/25/99	1.09	63	0.675
Silver	01/25/99	ND	110	0.675
Sodium	01/25/99	180	NLE	4.502
Thallium	01/25/99	ND	2	0.675
Vanadium	01/25/99	44.3	370	0.225
Zinc	01/25/99	79.9	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 #: 4194.26
Sample Received: 01/19/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-41, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	01/25/99	6960	NLE	2.405
Antimony	01/25/99	2.14	14	0.481
Arsenic	01/25/99	8.35	20	0.481
Barium	01/25/99	41.8	700	0.120
Beryllium	01/25/99	0.742	1	0.120
Cadmium	01/25/99	1.15	1	0.120
Calcium	01/25/99	2460	NLE	4.810
Chromium	01/25/99	58.4	NLE	0.120
Cobalt	01/25/99	3.14	NLE	0.120
Copper	01/25/99	80.6	600	0.722
Iron	01/25/99	22800	NLE	2.405
Lead	01/25/99	81.9	100	0.481
Magnesium	01/25/99	2110	NLE	4.810
Manganese	01/25/99	84.2	NLE	0.120
Mercury	01/22/99	0.09	14	0.023
Nickel	01/25/99	40.4	250	0.120
Potassium	01/25/99	3410	NLE	4.810
Selenium	01/25/99	1.36	63	0.722
Silver	01/25/99	ND	110	0.722
Sodium	01/25/99	119	NLE	4.810
Thallium	01/25/99	ND	2	0.722
Vanadium	01/25/99	299	370	0.241
Zinc	01/25/99	197	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 #: 4351.02
Sample Received: 03/16/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-1A, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	03/18/99	12500	NLE	2.685
Antimony	03/18/99	7.28	14	0.537
Arsenic	03/18/99	10.4	20	0.537
Barium	03/18/99	35.6	700	0.134
Beryllium	03/18/99	1.18	1	0.134
Cadmium	03/18/99	0.432	1	0.134
Calcium	03/18/99	3410	NLE	5.370
Chromium	03/18/99	103	NLE	0.134
Cobalt	03/18/99	2.26	NLE	0.134
Copper	03/18/99	26.3	600	0.805
Iron	03/18/99	41800	NLE	2.685
Lead	03/18/99	115	400	0.537
Magnesium	03/18/99	3840	NLE	5.370
Manganese	03/18/99	55.7	NLE	0.134
Mercury	03/18/99	0.26	14	0.033
Nickel	03/18/99	7.76	250	0.134
Potassium	03/18/99	8640	NLE	5.370
Selenium	03/18/99	ND	63	0.805
Silver	03/18/99	ND	110	0.805
Sodium	03/18/99	290	NLE	5.370
Thallium	03/18/99	ND	2	0.805
Vanadium	03/18/99	66.2	370	0.268
Zinc	03/18/99	361	1500	0.268

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4351.04
Sample Received: 03/16/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-2B, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	03/18/99	13600	NLE	2.430
Antimony	03/18/99	ND	14	0.486
Arsenic	03/18/99	18.0	20	0.486
Barium	03/18/99	55.5	700	0.122
Beryllium	03/18/99	1.97	1	0.122
Cadmium	03/18/99	0.286	1	0.122
Calcium	03/18/99	4540	NLE	4.861
Chromium	03/18/99	217	NLE	0.122
Cobalt	03/18/99	3.00	NLE	0.122
Copper	03/18/99	46.1	600	0.729
Iron	03/18/99	53600	NLE	2.430
Lead	03/18/99	52.9	400	0.486
Magnesium	03/18/99	6760	NLE	4.861
Manganese	03/18/99	22.9	NLE	0.122
Mercury	03/18/99	0.18	14	0.028
Nickel	03/18/99	8.67	250	0.122
Potassium	03/18/99	17100	NLE	4.861
Selenium	03/18/99	1.99	63	0.729
Silver	03/18/99	1.19	110	0.729
Sodium	03/18/99	394	NLE	4.861
Thallium	03/18/99	ND	2	0.729
Vanadium	03/18/99	57.7	370	0.243
Zinc	03/18/99	166	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 #: 4351.06
Sample Received: 03/16/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-3C, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	03/18/99	7060	NLE	2.190
Antimony	03/18/99	1.21	14	0.438
Arsenic	03/18/99	11.7	20	0.438
Barium	03/18/99	47.4	700	0.110
Beryllium	03/18/99	0.657	1	0.110
Cadmium	03/18/99	ND	1	0.110
Calcium	03/18/99	1190	NLE	4.380
Chromium	03/18/99	73.5	NLE	0.110
Cobalt	03/18/99	1.63	NLE	0.110
Copper	03/18/99	66.2	600	0.657
Iron	03/18/99	25500	NLE	2.190
Lead	03/18/99	125	400	0.438
Magnesium	03/18/99	2100	NLE	4.380
Manganese	03/18/99	33.0	NLE	0.110
Mercury	03/18/99	0.61	14	0.028
Nickel	03/18/99	5.37	250	0.110
Potassium	03/18/99	4530	NLE	4.380
Selenium	03/18/99	0.750	63	0.657
Silver	03/18/99	ND	110	0.657
Sodium	03/18/99	371	NLE	4.380
Thallium	03/18/99	ND	2	0.657
Vanadium	03/18/99	36.6	370	0.219
Zinc	03/18/99	61.2	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 #: 4351.08
Sample Received: 03/16/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-4D, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	03/18/99	13300	NLE	1.935
Antimony	03/18/99	2.52	14	0.387
Arsenic	03/18/99	16.1	20	0.387
Barium	03/18/99	61.4	700	0.097
Beryllium	03/18/99	1.33	1	0.097
Cadmium	03/18/99	0.164	1	0.097
Calcium	03/18/99	3710	NLE	3.871
Chromium	03/18/99	97.7	NLE	0.097
Cobalt	03/18/99	5.17	NLE	0.097
Copper	03/18/99	34.8	600	0.581
Iron	03/18/99	43400	NLE	1.935
Lead	03/18/99	136	400	0.387
Magnesium	03/18/99	3780	NLE	3.871
Manganese	03/18/99	143	NLE	0.097
Mercury	03/18/99	18.17	14	0.675
Nickel	03/18/99	20.3	250	0.097
Potassium	03/18/99	7940	NLE	3.871
Selenium	03/18/99	1.18	63	0.581
Silver	03/18/99	ND	110	0.581
Sodium	03/18/99	229	NLE	3.871
Thallium	03/18/99	ND	2	0.581
Vanadium	03/18/99	73.3	370	0.194
Zinc	03/18/99	197	1500	0.194

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4351.10
Sample Received: 03/16/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-5E, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	03/18/99	8600	NLE	2.724
Antimony	03/18/99	22.6	14	0.545
Arsenic	03/18/99	9.48	20	0.545
Barium	03/18/99	101	700	0.136
Beryllium	03/18/99	0.830	1	0.136
Cadmium	03/18/99	1.02	1	0.136
Calcium	03/18/99	2580	NLE	5.447
Chromium	03/18/99	69.7	NLE	0.136
Cobalt	03/18/99	3.30	NLE	0.136
Copper	03/18/99	38.1	600	0.817
Iron	03/18/99	25400	NLE	2.724
Lead	03/18/99	468	400	0.545
Magnesium	03/18/99	2450	NLE	5.447
Manganese	03/18/99	73.5	NLE	0.136
Mercury	03/18/99	0.33	14	0.023
Nickel	03/18/99	8.91	250	0.136
Potassium	03/18/99	4770	NLE	5.447
Selenium	03/18/99	ND	63	0.817
Silver	03/18/99	ND	110	0.817
Sodium	03/18/99	229	NLE	5.447
Thallium	03/18/99	ND	2	0.817
Vanadium	03/18/99	44.1	370	0.272
Zinc	03/18/99	345	1500	0.272

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4351.12
Sample Received: 03/16/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-6F, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	03/18/99	19700	NLE	3.394
Antimony	03/18/99	4.47	14	0.679
Arsenic	03/18/99	13.5	20	0.679
Barium	03/18/99	78.6	700	0.170
Beryllium	03/18/99	1.73	1	0.170
Cadmium	03/18/99	0.968	1	0.170
Calcium	03/18/99	3780	NLE	6.788
Chromium	03/18/99	122	NLE	0.170
Cobalt	03/18/99	3.91	NLE	0.170
Copper	03/18/99	56.1	600	1.018
Iron	03/18/99	45800	NLE	3.394
Lead	03/18/99	236	400	0.679
Magnesium	03/18/99	4910	NLE	6.788
Manganese	03/18/99	90.2	NLE	0.170
Mercury	03/18/99	0.26	14	0.036
Nickel	03/18/99	16.4	250	0.170
Potassium	03/18/99	10400	NLE	6.788
Selenium	03/18/99	ND	63	1.018
Silver	03/18/99	ND	110	1.018
Sodium	03/18/99	285	NLE	6.788
Thallium	03/18/99	ND	2	1.018
Vanadium	03/18/99	83.5	370	0.339
Zinc	03/18/99	222	1500	0.339

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4351.14
Sample Received: 03/16/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-7G, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	03/18/99	13100	NLE	2.191
Antimony	03/18/99	ND	14	0.438
Arsenic	03/18/99	9.24	20	0.438
Barium	03/18/99	51.7	700	0.110
Beryllium	03/18/99	0.952	1	0.110
Cadmium	03/18/99	0.348	1	0.110
Calcium	03/18/99	622	NLE	4.382
Chromium	03/18/99	66.0	NLE	0.110
Cobalt	03/18/99	2.34	NLE	0.110
Copper	03/18/99	19.3	600	0.657
Iron	03/18/99	23800	NLE	2.191
Lead	03/18/99	17.0	400	0.438
Magnesium	03/18/99	2330	NLE	4.382
Manganese	03/18/99	73.0	NLE	0.110
Mercury	03/18/99	0.08	14	0.023
Nickel	03/18/99	5.85	250	0.110
Potassium	03/18/99	5540	NLE	4.382
Selenium	03/18/99	ND	63	0.657
Silver	03/18/99	ND	110	0.657
Sodium	03/18/99	225	NLE	4.382
Thallium	03/18/99	ND	2	0.657
Vanadium	03/18/99	42.3	370	0.219
Zinc	03/18/99	53.4	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 #: 4351.16
Sample Received: 03/16/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-8H, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	03/18/99	11700	NLE	2.030
Antimony	03/18/99	ND	14	0.406
Arsenic	03/18/99	13.4	20	0.406
Barium	03/18/99	68.8	700	0.102
Beryllium	03/18/99	1.73	1	0.102
Cadmium	03/18/99	0.942	1	0.102
Calcium	03/18/99	3120	NLE	4.060
Chromium	03/18/99	155	NLE	0.102
Cobalt	03/18/99	2.62	NLE	0.102
Copper	03/18/99	19.5	600	0.609
Iron	03/18/99	34300	NLE	2.030
Lead	03/18/99	17.8	400	0.406
Magnesium	03/18/99	5150	NLE	4.060
Manganese	03/18/99	33.8	NLE	0.102
Mercury	03/18/99	0.08	14	0.018
Nickel	03/18/99	11.9	250	0.102
Potassium	03/18/99	11600	NLE	4.060
Selenium	03/18/99	1.23	63	0.609
Silver	03/18/99	ND	110	0.609
Sodium	03/18/99	159	NLE	4.060
Thallium	03/18/99	ND	2	0.609
Vanadium	03/18/99	71.4	370	0.203
Zinc	03/18/99	80.7	1500	0.203

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4351.18
Sample Received: 03/16/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-9I, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	03/18/99	12300	NLE	2.193
Antimony	03/18/99	2.88	14	0.439
Arsenic	03/18/99	11.1	20	0.439
Barium	03/18/99	63.9	700	0.110
Beryllium	03/18/99	1.53	1	0.110
Cadmium	03/18/99	ND	1	0.110
Calcium	03/18/99	1740	NLE	4.386
Chromium	03/18/99	136	NLE	0.110
Cobalt	03/18/99	2.33	NLE	0.110
Copper	03/18/99	33.0	600	0.658
Iron	03/18/99	39800	NLE	2.193
Lead	03/18/99	55.4	400	0.439
Magnesium	03/18/99	4680	NLE	4.386
Manganese	03/18/99	38.6	NLE	0.110
Mercury	03/18/99	0.39	14	0.028
Nickel	03/18/99	12.6	250	0.110
Potassium	03/18/99	10400	NLE	4.386
Selenium	03/18/99	1.09	63	0.658
Silver	03/18/99	2.76	110	0.658
Sodium	03/18/99	235	NLE	4.386
Thallium	03/18/99	ND	2	0.658
Vanadium	03/18/99	122	370	0.219
Zinc	03/18/99	151	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 #: 4351.20
Sample Received: 03/16/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-10J, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	03/18/99	7480	NLE	2.163
Antimony	03/18/99	0.890	14	0.433
Arsenic	03/18/99	10.8	20	0.433
Barium	03/18/99	27.1	700	0.108
Beryllium	03/18/99	0.885	1	0.108
Cadmium	03/18/99	ND	1	0.108
Calcium	03/18/99	526	NLE	4.325
Chromium	03/18/99	88.4	NLE	0.108
Cobalt	03/18/99	1.65	NLE	0.108
Copper	03/18/99	12.4	600	0.649
Iron	03/18/99	24500	NLE	2.163
Lead	03/18/99	10.7	400	0.433
Magnesium	03/18/99	2760	NLE	4.325
Manganese	03/18/99	38.8	NLE	0.108
Mercury	03/18/99	0.04	14	0.023
Nickel	03/18/99	4.40	250	0.108
Potassium	03/18/99	6390	NLE	4.325
Selenium	03/18/99	0.988	63	0.649
Silver	03/18/99	ND	110	0.649
Sodium	03/18/99	158	NLE	4.325
Thallium	03/18/99	ND	2	0.649
Vanadium	03/18/99	45.6	370	0.216
Zinc	03/18/99	37.5	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 #: 4351.22
Sample Received: 03/16/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-11K, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	03/18/99	13000	NLE	2.300
Antimony	03/18/99	30.1	14	0.460
Arsenic	03/18/99	8.18	20	0.460
Barium	03/18/99	185	700	0.115
Beryllium	03/18/99	1.05	1	0.115
Cadmium	03/18/99	0.417	1	0.115
Calcium	03/18/99	13100	NLE	4.600
Chromium	03/18/99	76.6	NLE	0.115
Cobalt	03/18/99	3.31	NLE	0.115
Copper	03/18/99	19.8	600	0.690
Iron	03/18/99	27400	NLE	2.300
Lead	03/18/99	672	400	0.460
Magnesium	03/18/99	4040	NLE	4.600
Manganese	03/18/99	126	NLE	0.115
Mercury	03/18/99	0.45	14	0.033
Nickel	03/18/99	11.0	250	0.115
Potassium	03/18/99	6490	NLE	4.600
Selenium	03/18/99	ND	63	0.690
Silver	03/18/99	ND	110	0.690
Sodium	03/18/99	262	NLE	4.600
Thallium	03/18/99	ND	2	0.690
Vanadium	03/18/99	52.1	370	0.230
Zinc	03/18/99	346	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 #: 4351.24
Sample Received: 03/16/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-12L, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	03/18/99	9700	NLE	0.676
Antimony	03/18/99	9.00	14	0.135
Arsenic	03/18/99	7.60	20	0.135
Barium	03/18/99	87.9	700	0.034
Beryllium	03/18/99	0.823	1	0.034
Cadmium	03/18/99	8.88	1	0.034
Calcium	03/18/99	3490	NLE	1.352
Chromium	03/18/99	70.8	NLE	0.034
Cobalt	03/18/99	2.57	NLE	0.034
Copper	03/18/99	20.5	600	0.203
Iron	03/18/99	22800	NLE	0.676
Lead	03/18/99	334	400	0.135
Magnesium	03/18/99	2920	NLE	1.352
Manganese	03/18/99	38.9	NLE	0.034
Mercury	03/18/99	0.28	14	0.029
Nickel	03/18/99	9.72	250	0.034
Potassium	03/18/99	5320	NLE	1.352
Selenium	03/18/99	0.335	63	0.203
Silver	03/18/99	ND	110	0.203
Sodium	03/18/99	162	NLE	1.352
Thallium	03/18/99	ND	2	0.203
Vanadium	03/18/99	55.3	370	0.068
Zinc	03/18/99	181	1500	0.068

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4351.26
Sample Received: 03/16/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-13M, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	03/18/99	14500	NLE	2.711
Antimony	03/18/99	1.25	14	0.542
Arsenic	03/18/99	15.1	20	0.542
Barium	03/18/99	61.9	700	0.136
Beryllium	03/18/99	1.29	1	0.136
Cadmium	03/18/99	0.142	1	0.136
Calcium	03/18/99	2740	NLE	5.423
Chromium	03/18/99	154	NLE	0.136
Cobalt	03/18/99	2.41	NLE	0.136
Copper	03/18/99	34.7	600	0.813
Iron	03/18/99	45700	NLE	2.711
Lead	03/18/99	160	400	0.542
Magnesium	03/18/99	4920	NLE	5.423
Manganese	03/18/99	82.5	NLE	0.136
Mercury	03/18/99	0.21	14	0.028
Nickel	03/18/99	8.90	250	0.136
Potassium	03/18/99	11200	NLE	5.423
Selenium	03/18/99	1.00	63	0.813
Silver	03/18/99	ND	110	0.813
Sodium	03/18/99	262	NLE	5.423
Thallium	03/18/99	ND	2	0.813
Vanadium	03/18/99	78.5	370	0.271
Zinc	03/18/99	313	1500	0.271

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4354.02
Sample Received: 03/17/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-14N, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/01/99	11700	NLE	2.49
Antimony	04/01/99	0.608	14	0.498
Arsenic	04/01/99	14.8	20	0.498
Barium	04/01/99	80.4	700	0.125
Beryllium	04/01/99	1.62	1	0.125
Cadmium	04/01/99	ND	1	0.125
Calcium	04/01/99	970	NLE	4.98
Chromium	04/01/99	173	NLE	0.125
Cobalt	04/01/99	1.24	NLE	0.125
Copper	04/01/99	20.9	600	0.747
Iron	04/01/99	45300	NLE	2.49
Lead	04/01/99	35.1	400	0.498
Magnesium	04/01/99	5500	NLE	4.98
Manganese	04/01/99	17.9	NLE	0.125
Mercury	03/18/99	0.250	14	0.028
Nickel	04/01/99	7.19	250	0.125
Potassium	04/01/99	14500	NLE	4.98
Selenium	04/01/99	3.51	63	0.747
Silver	04/01/99	ND	110	0.747
Sodium	04/01/99	238	NLE	4.98
Thallium	04/01/99	ND	2	0.747
Vanadium	04/01/99	49.6	370	0.249
Zinc	04/01/99	83.3	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 #: 4354.04
Sample Received: 03/17/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-15O, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/01/99	6050	NLE	2.21
Antimony	04/01/99	0.669	14	0.441
Arsenic	04/01/99	5.20	20	0.441
Barium	04/01/99	19.0	700	0.110
Beryllium	04/01/99	0.544	1	0.110
Cadmium	04/01/99	ND	1	0.11
Calcium	04/01/99	2050	NLE	4.413
Chromium	04/01/99	51.8	NLE	0.110
Cobalt	04/01/99	2.36	NLE	0.110
Copper	04/01/99	17.0	600	0.662
Iron	04/01/99	18400	NLE	2.21
Lead	04/01/99	58.1	400	0.441
Magnesium	04/01/99	2550	NLE	4.41
Manganese	04/01/99	48.9	NLE	0.110
Mercury	03/18/99	1.50	14	0.024
Nickel	04/01/99	6.05	250	0.110
Potassium	04/01/99	3630	NLE	4.41
Selenium	04/01/99	0.900	63	0.662
Silver	04/01/99	ND	110	0.662
Sodium	04/01/99	103	NLE	4.41
Thallium	04/01/99	ND	2	0.662
Vanadium	04/01/99	30.6	370	0.221
Zinc	04/01/99	47.6	1500	0.221

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4354.06
Sample Received: 03/17/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-16P, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/01/99	7470	NLE	2.34
Antimony	04/01/99	ND	14	0.468
Arsenic	04/01/99	10.2	20	0.468
Barium	04/01/99	38.4	700	0.117
Beryllium	04/01/99	0.803	1	0.117
Cadmium	04/01/99	ND	1	0.117
Calcium	04/01/99	1680	NLE	4.68
Chromium	04/01/99	73.1	NLE	0.117
Cobalt	04/01/99	1.74	NLE	0.117
Copper	04/01/99	22.9	600	0.703
Iron	04/01/99	26200	NLE	2.34
Lead	04/01/99	74.7	400	0.468
Magnesium	04/01/99	2540	NLE	4.68
Manganese	04/01/99	50.3	NLE	0.117
Mercury	03/18/99	0.167	14	0.024
Nickel	04/01/99	7.85	250	0.117
Potassium	04/01/99	5130	NLE	4.68
Selenium	04/01/99	1.86	63	0.703
Silver	04/01/99	ND	110	0.703
Sodium	04/01/99	93.7	NLE	4.68
Thallium	04/01/99	ND	2	0.703
Vanadium	04/01/99	38.7	370	0.234
Zinc	04/01/99	73.4	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 #: 4354.08
Sample Received: 03/17/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-17Q, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/01/99	7880	NLE	2.43
Antimony	04/01/99	0.936	14	0.486
Arsenic	04/01/99	4.82	20	0.486
Barium	04/01/99	22.7	700	0.122
Beryllium	04/01/99	0.598	1	0.122
Cadmium	04/01/99	ND	1	0.122
Calcium	04/01/99	2020	NLE	4.86
Chromium	04/01/99	61.5	NLE	0.122
Cobalt	04/01/99	3.13	NLE	0.122
Copper	04/01/99	26.6	600	0.729
Iron	04/01/99	17800	NLE	2.43
Lead	04/01/99	47.7	400	0.486
Magnesium	04/01/99	2430	NLE	4.86
Manganese	04/01/99	42.6	NLE	0.122
Mercury	03/18/99	0.170	14	0.024
Nickel	04/01/99	10.6	250	0.122
Potassium	04/01/99	4100	NLE	4.86
Selenium	04/01/99	0.973	63	0.729
Silver	04/01/99	ND	110	0.729
Sodium	04/01/99	364	NLE	4.86
Thallium	04/01/99	ND	2	0.729
Vanadium	04/01/99	66.4	370	0.243
Zinc	04/01/99	47.3	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 #: 4354.10
Sample Received: 03/17/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-18R, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/01/99	12300	NLE	2.35
Antimony	04/01/99	ND	14	0.471
Arsenic	04/01/99	12.3	20	0.471
Barium	04/01/99	40.4	700	0.118
Beryllium	04/01/99	1.28	1	0.118
Cadmium	04/01/99	ND	1	0.118
Calcium	04/01/99	1650	NLE	4.71
Chromium	04/01/99	114	NLE	0.118
Cobalt	04/01/99	0.849	NLE	0.118
Copper	04/01/99	8.46	600	0.706
Iron	04/01/99	28800	NLE	2.35
Lead	04/01/99	9.58	400	0.471
Magnesium	04/01/99	3810	NLE	4.71
Manganese	04/01/99	40.4	NLE	0.118
Mercury	03/18/99	0.045	14	0.023
Nickel	04/01/99	4.36	250	0.118
Potassium	04/01/99	7960	NLE	4.71
Selenium	04/01/99	1.45	63	0.706
Silver	04/01/99	ND	110	0.706
Sodium	04/01/99	69.0	NLE	4.71
Thallium	04/01/99	ND	2	0.706
Vanadium	04/01/99	47.9	370	0.235
Zinc	04/01/99	41.3	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 #: 4354.12
Sample Received: 03/17/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-19S, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/01/99	10400	NLE	2.25
Antimony	04/01/99	0.522	14	0.449
Arsenic	04/01/99	9.42	20	0.449
Barium	04/01/99	48.5	700	0.112
Beryllium	04/01/99	0.933	1	0.112
Cadmium	04/01/99	ND	1	0.112
Calcium	04/01/99	2060	NLE	4.49
Chromium	04/01/99	93.7	NLE	0.112
Cobalt	04/01/99	2.09	NLE	0.112
Copper	04/01/99	16.8	600	0.674
Iron	04/01/99	25500	NLE	2.25
Lead	04/01/99	39.8	400	0.449
Magnesium	04/01/99	2840	NLE	4.49
Manganese	04/01/99	43.6	NLE	0.112
Mercury	03/18/99	0.195	14	0.024
Nickel	04/01/99	6.98	250	0.112
Potassium	04/01/99	6090	NLE	4.49
Selenium	04/01/99	1.33	63	0.674
Silver	04/01/99	2.83	110	0.674
Sodium	04/01/99	89.3	NLE	4.49
Thallium	04/01/99	ND	2	0.674
Vanadium	04/01/99	48.2	370	0.225
Zinc	04/01/99	67.8	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 #: 4354.14
Sample Received: 03/17/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-20T, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/01/99	11100	NLE	1.57
Antimony	04/01/99	0.415	14	0.314
Arsenic	04/01/99	15.7	20	0.314
Barium	04/01/99	67.3	700	0.079
Beryllium	04/01/99	0.816	1	0.079
Cadmium	04/01/99	ND	1	0.079
Calcium	04/01/99	882	NLE	3.14
Chromium	04/01/99	74.4	NLE	0.079
Cobalt	04/01/99	1.39	NLE	0.079
Copper	04/01/99	10.5	600	0.471
Iron	04/01/99	24900	NLE	1.57
Lead	04/01/99	11.9	400	0.314
Magnesium	04/01/99	2990	NLE	3.14
Manganese	04/01/99	26.5	NLE	0.079
Mercury	03/18/99	0.049	14	0.025
Nickel	04/01/99	4.92	250	0.079
Potassium	04/01/99	5270	NLE	3.14
Selenium	04/01/99	1.01	63	0.471
Silver	04/01/99	ND	110	0.471
Sodium	04/01/99	76.2	NLE	3.14
Thallium	04/01/99	ND	2	0.471
Vanadium	04/01/99	40.0	370	0.157
Zinc	04/01/99	34.7	1500	0.157

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4354.16
Sample Received: 03/17/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-21U, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/01/99	15400	NLE	2.28
Antimony	04/01/99	ND	14	0.456
Arsenic	04/01/99	20.7	20	0.456
Barium	04/01/99	66.1	700	0.114
Beryllium	04/01/99	1.610	1	0.114
Cadmium	04/01/99	ND	1	0.114
Calcium	04/01/99	1060	NLE	4.56
Chromium	04/01/99	208	NLE	0.114
Cobalt	04/01/99	1.45	NLE	0.114
Copper	04/01/99	31.9	600	0.683
Iron	04/01/99	56400	NLE	2.28
Lead	04/01/99	119	400	0.456
Magnesium	04/01/99	6420	NLE	4.56
Manganese	04/01/99	30.7	NLE	0.114
Mercury	03/18/99	0.271	14	0.025
Nickel	04/01/99	7.45	250	0.114
Potassium	04/01/99	15500	NLE	4.56
Selenium	04/01/99	1.83	63	0.683
Silver	04/01/99	2.79	110	0.683
Sodium	04/01/99	405	NLE	4.56
Thallium	04/01/99	ND	2	0.683
Vanadium	04/01/99	95.3	370	0.228
Zinc	04/01/99	79.0	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 #: 4354.18
Sample Received: 03/17/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-22V, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/01/99	9060	NLE	2.15
Antimony	04/01/99	ND	14	0.430
Arsenic	04/01/99	5.97	20	0.430
Barium	04/01/99	27.8	700	0.107
Beryllium	04/01/99	0.722	1	0.107
Cadmium	04/01/99	ND	1	0.107
Calcium	04/01/99	2420	NLE	4.30
Chromium	04/01/99	63.8	NLE	0.107
Cobalt	04/01/99	2.73	NLE	0.107
Copper	04/01/99	21.8	600	0.645
Iron	04/01/99	25000	NLE	2.15
Lead	04/01/99	29.6	400	0.430
Magnesium	04/01/99	3110	NLE	4.30
Manganese	04/01/99	66.0	NLE	0.107
Mercury	03/18/99	0.127	14	0.025
Nickel	04/01/99	7.36	250	0.107
Potassium	04/01/99	5170	NLE	4.30
Selenium	04/01/99	1.09	63	0.645
Silver	04/01/99	ND	110	0.645
Sodium	04/01/99	208	NLE	4.30
Thallium	04/01/99	ND	2	0.645
Vanadium	04/01/99	44.1	370	0.215
Zinc	04/01/99	89.8	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 #: 4354.20
Sample Received: 03/17/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-23W, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/01/99	7560	NLE	2.22
Antimony	04/01/99	ND	14	0.443
Arsenic	04/01/99	5.96	20	0.443
Barium	04/01/99	23.6	700	0.111
Beryllium	04/01/99	0.636	1	0.111
Cadmium	04/01/99	ND	1	0.111
Calcium	04/01/99	2500	NLE	4.43
Chromium	04/01/99	57.9	NLE	0.111
Cobalt	04/01/99	2.63	NLE	0.111
Copper	04/01/99	26.2	600	0.665
Iron	04/01/99	21100	NLE	2.22
Lead	04/01/99	36.4	400	0.443
Magnesium	04/01/99	2820	NLE	4.43
Manganese	04/01/99	56.5	NLE	0.111
Mercury	03/18/99	0.125	14	0.021
Nickel	04/01/99	6.55	250	0.111
Potassium	04/01/99	4250	NLE	4.43
Selenium	04/01/99	0.731	63	0.665
Silver	04/01/99	ND	110	0.665
Sodium	04/01/99	137	NLE	4.43
Thallium	04/01/99	ND	2	0.665
Vanadium	04/01/99	36.5	370	0.222
Zinc	04/01/99	59.6	1500	0.222

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4354.22
Sample Received: 03/17/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-24X, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/01/99	9690	NLE	2.27
Antimony	04/01/99	2.92	14	0.453
Arsenic	04/01/99	13.4	20	0.453
Barium	04/01/99	40.6	700	0.113
Beryllium	04/01/99	0.981	1	0.113
Cadmium	04/01/99	ND	1	0.113
Calcium	04/01/99	936	NLE	4.53
Chromium	04/01/99	116	NLE	0.113
Cobalt	04/01/99	1.29	NLE	0.113
Copper	04/01/99	29.3	600	0.680
Iron	04/01/99	35900	NLE	2.27
Lead	04/01/99	91.9	400	0.453
Magnesium	04/01/99	3390	NLE	4.53
Manganese	04/01/99	25.9	NLE	0.113
Mercury	03/18/99	0.330	14	0.028
Nickel	04/01/99	5.66	250	0.113
Potassium	04/01/99	8160	NLE	4.53
Selenium	04/01/99	1.89	63	0.680
Silver	04/01/99	2.38	110	0.680
Sodium	04/01/99	508	NLE	4.53
Thallium	04/01/99	ND	2	0.680
Vanadium	04/01/99	48.1	370	0.227
Zinc	04/01/99	65.2	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 #: 4354.24
Sample Received: 03/17/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-25Y, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/01/99	6450	NLE	2.37
Antimony	04/01/99	ND	14	0.474
Arsenic	04/01/99	7.64	20	0.474
Barium	04/01/99	30.1	700	0.118
Beryllium	04/01/99	0.532	1	0.118
Cadmium	04/01/99	0.316	1	0.118
Calcium	04/01/99	385	NLE	4.74
Chromium	04/01/99	73.3	NLE	0.118
Cobalt	04/01/99	0.882	NLE	0.118
Copper	04/01/99	20.7	600	0.711
Iron	04/01/99	21600	NLE	2.37
Lead	04/01/99	35.0	400	0.474
Magnesium	04/01/99	1870	NLE	4.74
Manganese	04/01/99	18.0	NLE	0.118
Mercury	03/18/99	0.103	14	0.026
Nickel	04/01/99	3.75	250	0.118
Potassium	04/01/99	4600	NLE	4.74
Selenium	04/01/99	0.841	63	0.711
Silver	04/01/99	1.24	110	0.711
Sodium	04/01/99	217	NLE	4.74
Thallium	04/01/99	ND	2	0.711
Vanadium	04/01/99	33.2	370	0.237
Zinc	04/01/99	40.6	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 #: 4354.26
Sample Received: 03/17/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-26Z, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/01/99	10200	NLE	2.24
Antimony	04/01/99	ND	14	0.448
Arsenic	04/01/99	7.11	20	0.448
Barium	04/01/99	26.0	700	0.112
Beryllium	04/01/99	0.902	1	0.112
Cadmium	04/01/99	ND	1	0.112
Calcium	04/01/99	1720	NLE	4.48
Chromium	04/01/99	86.4	NLE	0.112
Cobalt	04/01/99	1.92	NLE	0.112
Copper	04/01/99	56.5	600	0.672
Iron	04/01/99	27900	NLE	2.24
Lead	04/01/99	19.6	400	0.448
Magnesium	04/01/99	3000	NLE	4.48
Manganese	04/01/99	54.5	NLE	0.112
Mercury	03/18/99	0.067	14	0.022
Nickel	04/01/99	5.67	250	0.112
Potassium	04/01/99	6600	NLE	4.48
Selenium	04/01/99	0.768	63	0.672
Silver	04/01/99	ND	110	0.672
Sodium	04/01/99	90.3	NLE	4.48
Thallium	04/01/99	ND	2	0.672
Vanadium	04/01/99	44.6	370	0.224
Zinc	04/01/99	40.4	1500	0.224

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4354.28
Sample Received: 03/17/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-27AA, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/01/99	8410	NLE	2.64
Antimony	04/01/99	2.91	14	0.528
Arsenic	04/01/99	7.72	20	0.528
Barium	04/01/99	50.4	700	0.132
Beryllium	04/01/99	0.857	1	0.132
Cadmium	04/01/99	ND	1	0.132
Calcium	04/01/99	2400	NLE	5.28
Chromium	04/01/99	63.4	NLE	0.132
Cobalt	04/01/99	2.74	NLE	0.132
Copper	04/01/99	19.2	600	0.792
Iron	04/01/99	19800	NLE	2.64
Lead	04/01/99	148	400	0.528
Magnesium	04/01/99	1950	NLE	5.28
Manganese	04/01/99	31.2	NLE	0.132
Mercury	03/18/99	0.705	14	0.023
Nickel	04/01/99	9.97	250	0.132
Potassium	04/01/99	4150	NLE	5.28
Selenium	04/01/99	1.69	63	0.792
Silver	04/01/99	ND	110	0.792
Sodium	04/01/99	126	NLE	5.28
Thallium	04/01/99	ND	2	0.792
Vanadium	04/01/99	40.0	370	0.264
Zinc	04/01/99	174	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 #: 4357.02
Sample Received: 03/18/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-28BB, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/01/99	12800	NLE	2.62
Antimony	04/01/99	2.76	14	0.525
Arsenic	04/01/99	12.5	20	0.525
Barium	04/01/99	107	700	0.131
Beryllium	04/01/99	1.17	1	0.131
Cadmium	04/01/99	1.96	1	0.131
Calcium	04/01/99	2860	NLE	5.25
Chromium	04/01/99	104	NLE	0.131
Cobalt	04/01/99	3.53	NLE	0.131
Copper	04/01/99	28.9	600	0.787
Iron	04/01/99	36700	NLE	2.62
Lead	04/01/99	1060	400	0.525
Magnesium	04/01/99	3830	NLE	5.25
Manganese	04/01/99	112	NLE	0.131
Mercury	04/01/99	0.286	14	0.029
Nickel	04/01/99	12.5	250	0.131
Potassium	04/01/99	7930	NLE	5.25
Selenium	04/01/99	1.81	63	0.787
Silver	04/01/99	ND	110	0.787
Sodium	04/01/99	163	NLE	5.25
Thallium	04/01/99	ND	2	0.787
Vanadium	04/01/99	73.9	370	0.262
Zinc	04/01/99	410	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 #: 4357.04
Sample Received: 03/18/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-29CC, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/01/99	13500	NLE	2.38
Antimony	04/01/99	1.93	14	0.476
Arsenic	04/01/99	11.2	20	0.476
Barium	04/01/99	60.8	700	0.119
Beryllium	04/01/99	1.42	1	0.119
Cadmium	04/01/99	ND	1	0.12
Calcium	04/01/99	2280	NLE	4.763
Chromium	04/01/99	137	NLE	0.119
Cobalt	04/01/99	2.05	NLE	0.119
Copper	04/01/99	19.7	600	0.714
Iron	04/01/99	35200	NLE	2.38
Lead	04/01/99	240	400	0.476
Magnesium	04/01/99	4220	NLE	4.76
Manganese	04/01/99	38.8	NLE	0.119
Mercury	03/18/99	0.152	14	0.025
Nickel	04/01/99	7.49	250	0.119
Potassium	04/01/99	9860	NLE	4.76
Selenium	04/01/99	1.57	63	0.714
Silver	04/01/99	ND	110	0.714
Sodium	04/01/99	149	NLE	4.76
Thallium	04/01/99	ND	2	0.714
Vanadium	04/01/99	63.3	370	0.238
Zinc	04/01/99	112	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 #: 4357.06
Sample Received: 03/18/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-30DD, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/01/99	6270	NLE	2.14
Antimony	04/01/99	ND	14	0.428
Arsenic	04/01/99	5.05	20	0.428
Barium	04/01/99	23.8	700	0.107
Beryllium	04/01/99	0.471	1	0.107
Cadmium	04/01/99	ND	1	0.107
Calcium	04/01/99	1940	NLE	4.28
Chromium	04/01/99	45.8	NLE	0.107
Cobalt	04/01/99	2.10	NLE	0.107
Copper	04/01/99	23.1	600	0.643
Iron	04/01/99	16100	NLE	2.14
Lead	04/01/99	45.1	400	0.428
Magnesium	04/01/99	2070	NLE	4.28
Manganese	04/01/99	49.4	NLE	0.107
Mercury	04/01/99	0.148	14	0.025
Nickel	04/01/99	6.96	250	0.107
Potassium	04/01/99	3210	NLE	4.28
Selenium	04/01/99	ND	63	0.643
Silver	04/01/99	ND	110	0.643
Sodium	04/01/99	176	NLE	4.28
Thallium	04/01/99	ND	2	0.643
Vanadium	04/01/99	34.3	370	0.214
Zinc	04/01/99	61.4	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 #: 4357.08
Sample Received: 03/18/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-31EE, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/01/99	10500	NLE	2.40
Antimony	04/01/99	9.24	14	0.480
Arsenic	04/01/99	6.93	20	0.480
Barium	04/01/99	132	700	0.120
Beryllium	04/01/99	0.777	1	0.120
Cadmium	04/01/99	2.43	1	0.120
Calcium	04/01/99	2120	NLE	4.80
Chromium	04/01/99	104	NLE	0.120
Cobalt	04/01/99	2.95	NLE	0.120
Copper	04/01/99	17.5	600	0.720
Iron	04/01/99	22500	NLE	2.40
Lead	04/01/99	686	400	0.480
Magnesium	04/01/99	2530	NLE	4.80
Manganese	04/01/99	138	NLE	0.120
Mercury	04/01/99	0.200	14	0.029
Nickel	04/01/99	9.36	250	0.120
Potassium	04/01/99	4700	NLE	4.80
Selenium	04/01/99	1.39	63	0.720
Silver	04/01/99	ND	110	0.720
Sodium	04/01/99	177	NLE	4.80
Thallium	04/01/99	ND	2	0.720
Vanadium	04/01/99	48.8	370	0.240
Zinc	04/01/99	532	1500	0.240

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4357.10
Sample Received: 03/18/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-32FF, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/01/99	10100	NLE	2.39
Antimony	04/01/99	ND	14	0.479
Arsenic	04/01/99	13.6	20	0.479
Barium	04/01/99	64.7	700	0.120
Beryllium	04/01/99	0.946	1	0.120
Cadmium	04/01/99	1.33	1	0.120
Calcium	04/01/99	824	NLE	4.79
Chromium	04/01/99	90.5	NLE	0.120
Cobalt	04/01/99	1.31	NLE	0.120
Copper	04/01/99	30.0	600	0.718
Iron	04/01/99	28100	NLE	2.39
Lead	04/01/99	68.3	400	0.479
Magnesium	04/01/99	2540	NLE	4.79
Manganese	04/01/99	25.7	NLE	0.120
Mercury	04/01/99	0.082	14	0.027
Nickel	04/01/99	5.75	250	0.120
Potassium	04/01/99	5980	NLE	4.79
Selenium	04/01/99	2.02	63	0.718
Silver	04/01/99	ND	110	0.718
Sodium	04/01/99	256	NLE	4.79
Thallium	04/01/99	ND	2	0.718
Vanadium	04/01/99	40.7	370	0.239
Zinc	04/01/99	70.2	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 #: 4357.12
Sample Received: 03/18/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-33GG, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/01/99	6890	NLE	2.92
Antimony	04/01/99	73.5	14	0.585
Arsenic	04/01/99	5.47	20	0.585
Barium	04/01/99	68.1	700	0.146
Beryllium	04/01/99	0.573	1	0.146
Cadmium	04/01/99	0.542	1	0.146
Calcium	04/01/99	21100	NLE	5.85
Chromium	04/01/99	47.0	NLE	0.146
Cobalt	04/01/99	4.11	NLE	0.146
Copper	04/01/99	35.1	600	0.877
Iron	04/01/99	19500	NLE	2.92
Lead	04/01/99	1090	400	0.585
Magnesium	04/01/99	1910	NLE	5.85
Manganese	04/01/99	110	NLE	0.146
Mercury	04/01/99	0.318	14	0.032
Nickel	04/01/99	9.00	250	0.146
Potassium	04/01/99	3430	NLE	5.85
Selenium	04/01/99	1.46	63	0.877
Silver	04/01/99	ND	110	0.877
Sodium	04/01/99	206	NLE	5.85
Thallium	04/01/99	ND	2	0.877
Vanadium	04/01/99	38.0	370	0.292
Zinc	04/01/99	485	1500	0.292

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4357.14
Sample Received: 03/18/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-34HH, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/01/99	10600	NLE	2.19
Antimony	04/01/99	ND	14	0.438
Arsenic	04/01/99	10.0	20	0.438
Barium	04/01/99	44.4	700	0.110
Beryllium	04/01/99	0.789	1	0.110
Cadmium	04/01/99	ND	1	0.110
Calcium	04/01/99	1260	NLE	4.38
Chromium	04/01/99	124	NLE	0.110
Cobalt	04/01/99	1.46	NLE	0.110
Copper	04/01/99	53.5	600	0.657
Iron	04/01/99	28200	NLE	2.19
Lead	04/01/99	59.4	400	0.438
Magnesium	04/01/99	2980	NLE	4.38
Manganese	04/01/99	27.1	NLE	0.110
Mercury	04/01/99	0.127	14	0.021
Nickel	04/01/99	5.49	250	0.110
Potassium	04/01/99	6320	NLE	4.38
Selenium	04/01/99	1.13	63	0.657
Silver	04/01/99	ND	110	0.657
Sodium	04/01/99	160	NLE	4.38
Thallium	04/01/99	ND	2	0.657
Vanadium	04/01/99	52.8	370	0.219
Zinc	04/01/99	38.3	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 #: 4357.16
Sample Received: 03/18/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-35II, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/01/99	15400	NLE	2.43
Antimony	04/01/99	ND	14	0.486
Arsenic	04/01/99	10.8	20	0.486
Barium	04/01/99	40.0	700	0.121
Beryllium	04/01/99	1.480	1	0.121
Cadmium	04/01/99	ND	1	0.121
Calcium	04/01/99	1780	NLE	4.86
Chromium	04/01/99	164	NLE	0.121
Cobalt	04/01/99	0.726	NLE	0.121
Copper	04/01/99	3.38	600	0.729
Iron	04/01/99	35800	NLE	2.43
Lead	04/01/99	8.02	400	0.486
Magnesium	04/01/99	5300	NLE	4.86
Manganese	04/01/99	23.5	NLE	0.121
Mercury	04/01/99	0.025	14	0.025
Nickel	04/01/99	5.24	250	0.121
Potassium	04/01/99	12000	NLE	4.86
Selenium	04/01/99	3.25	63	0.729
Silver	04/01/99	ND	110	0.729
Sodium	04/01/99	141	NLE	4.86
Thallium	04/01/99	ND	2	0.729
Vanadium	04/01/99	71.5	370	0.243
Zinc	04/01/99	41.9	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 #: 4357.18
Sample Received: 03/18/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-36JJ, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/01/99	10200	NLE	2.15
Antimony	04/01/99	ND	14	0.431
Arsenic	04/01/99	14.8	20	0.431
Barium	04/01/99	64.6	700	0.108
Beryllium	04/01/99	1.12	1	0.108
Cadmium	04/01/99	ND	1	0.108
Calcium	04/01/99	691	NLE	4.31
Chromium	04/01/99	145	NLE	0.108
Cobalt	04/01/99	1.16	NLE	0.108
Copper	04/01/99	18.7	600	0.646
Iron	04/01/99	40800	NLE	2.15
Lead	04/01/99	79.1	400	0.431
Magnesium	04/01/99	3940	NLE	4.31
Manganese	04/01/99	18.1	NLE	0.108
Mercury	04/01/99	0.121	14	0.020
Nickel	04/01/99	5.99	250	0.108
Potassium	04/01/99	10500	NLE	4.31
Selenium	04/01/99	2.08	63	0.646
Silver	04/01/99	2.34	110	0.646
Sodium	04/01/99	198	NLE	4.31
Thallium	04/01/99	ND	2	0.646
Vanadium	04/01/99	46.5	370	0.215
Zinc	04/01/99	75.6	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 #: 4357.20
Sample Received: 03/18/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-37KK, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/01/99	7400	NLE	2.20
Antimony	04/01/99	0.719	14	0.440
Arsenic	04/01/99	5.40	20	0.440
Barium	04/01/99	41.7	700	0.110
Beryllium	04/01/99	0.608	1	0.110
Cadmium	04/01/99	ND	1	0.110
Calcium	04/01/99	1070	NLE	4.40
Chromium	04/01/99	57.6	NLE	0.110
Cobalt	04/01/99	2.52	NLE	0.110
Copper	04/01/99	15.3	600	0.660
Iron	04/01/99	17000	NLE	2.20
Lead	04/01/99	24.0	400	0.440
Magnesium	04/01/99	1490	NLE	4.40
Manganese	04/01/99	79.1	NLE	0.110
Mercury	04/01/99	0.131	14	0.026
Nickel	04/01/99	7.62	250	0.110
Potassium	04/01/99	3380	NLE	4.40
Selenium	04/01/99	0.919	63	0.660
Silver	04/01/99	ND	110	0.660
Sodium	04/01/99	105	NLE	4.40
Thallium	04/01/99	ND	2	0.660
Vanadium	04/01/99	44.1	370	0.220
Zinc	04/01/99	95.5	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 #: 4357.22
Sample Received: 03/18/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-38LL, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/01/99	8850	NLE	2.54
Antimony	04/01/99	4.61	14	0.508
Arsenic	04/01/99	7.37	20	0.508
Barium	04/01/99	37.8	700	0.127
Beryllium	04/01/99	0.811	1	0.127
Cadmium	04/01/99	0.129	1	0.127
Calcium	04/01/99	2340	NLE	5.08
Chromium	04/01/99	74.5	NLE	0.127
Cobalt	04/01/99	1.85	NLE	0.127
Copper	04/01/99	9.28	600	0.763
Iron	04/01/99	23000	NLE	2.54
Lead	04/01/99	108	400	0.508
Magnesium	04/01/99	2450	NLE	5.08
Manganese	04/01/99	27.3	NLE	0.127
Mercury	04/01/99	0.096	14	0.024
Nickel	04/01/99	7.91	250	0.127
Potassium	04/01/99	5310	NLE	5.08
Selenium	04/01/99	0.942	63	0.763
Silver	04/01/99	ND	110	0.763
Sodium	04/01/99	136	NLE	5.08
Thallium	04/01/99	ND	2	0.763
Vanadium	04/01/99	48.5	370	0.254
Zinc	04/01/99	158	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 #: 4357.24
Sample Received: 03/18/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-39MM, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/01/99	12100	NLE	2.60
Antimony	04/01/99	4.68	14	0.521
Arsenic	04/01/99	8.32	20	0.521
Barium	04/01/99	60.9	700	0.130
Beryllium	04/01/99	0.923	1	0.130
Cadmium	04/01/99	0.246	1	0.130
Calcium	04/01/99	5270	NLE	5.21
Chromium	04/01/99	85.2	NLE	0.130
Cobalt	04/01/99	3.48	NLE	0.130
Copper	04/01/99	20.1	600	0.781
Iron	04/01/99	27600	NLE	2.60
Lead	04/01/99	181	400	0.521
Magnesium	04/01/99	3000	NLE	5.21
Manganese	04/01/99	132	NLE	0.130
Mercury	04/01/99	0.280	14	0.025
Nickel	04/01/99	17.30	250	0.130
Potassium	04/01/99	5970	NLE	5.21
Selenium	04/01/99	1.04	63	0.781
Silver	04/01/99	ND	110	0.781
Sodium	04/01/99	148	NLE	5.21
Thallium	04/01/99	ND	2	0.781
Vanadium	04/01/99	121	370	0.260
Zinc	04/01/99	249	1500	0.260

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4357.26
Sample Received: 03/18/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-40NN, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/01/99	9160	NLE	2.87
Antimony	04/01/99	5.07	14	0.575
Arsenic	04/01/99	8.77	20	0.575
Barium	04/01/99	131	700	0.144
Beryllium	04/01/99	0.854	1	0.144
Cadmium	04/01/99	5.290	1	0.144
Calcium	04/01/99	4130	NLE	5.75
Chromium	04/01/99	465	NLE	0.144
Cobalt	04/01/99	2.89	NLE	0.144
Copper	04/01/99	135	600	0.862
Iron	04/01/99	27400	NLE	2.87
Lead	04/01/99	112	400	0.575
Magnesium	04/01/99	2530	NLE	5.75
Manganese	04/01/99	43.1	NLE	0.144
Mercury	04/01/99	2.17	14	0.029
Nickel	04/01/99	15.4	250	0.144
Potassium	04/01/99	5190	NLE	5.75
Selenium	04/01/99	1.45	63	0.862
Silver	04/01/99	124	110	0.862
Sodium	04/01/99	215	NLE	5.75
Thallium	04/01/99	ND	2	0.862
Vanadium	04/01/99	71.4	370	0.287
Zinc	04/01/99	518	1500	0.287

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4357.28
Sample Received: 03/18/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-41OO, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/01/99	9440	NLE	2.35
Antimony	04/01/99	0.635	14	0.471
Arsenic	04/01/99	10.6	20	0.471
Barium	04/01/99	38.4	700	0.118
Beryllium	04/01/99	0.851	1	0.118
Cadmium	04/01/99	ND	1	0.118
Calcium	04/01/99	1810	NLE	4.71
Chromium	04/01/99	66.6	NLE	0.118
Cobalt	04/01/99	1.35	NLE	0.118
Copper	04/01/99	14.0	600	0.706
Iron	04/01/99	21700	NLE	2.35
Lead	04/01/99	17.4	400	0.471
Magnesium	04/01/99	1880	NLE	4.71
Manganese	04/01/99	29.3	NLE	0.118
Mercury	04/01/99	0.186	14	0.027
Nickel	04/01/99	5.91	250	0.118
Potassium	04/01/99	3620	NLE	4.71
Selenium	04/01/99	1.29	63	0.706
Silver	04/01/99	ND	110	0.706
Sodium	04/01/99	152	NLE	4.71
Thallium	04/01/99	ND	2	0.706
Vanadium	04/01/99	37.9	370	0.235
Zinc	04/01/99	37.6	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 #: 4357.30
Sample Received: 03/18/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-42PP, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/01/99	7360	NLE	2.33
Antimony	04/01/99	7.26	14	0.466
Arsenic	04/01/99	9.93	20	0.466
Barium	04/01/99	68.2	700	0.116
Beryllium	04/01/99	1.07	1	0.116
Cadmium	04/01/99	ND	1	0.116
Calcium	04/01/99	1450	NLE	4.66
Chromium	04/01/99	84.8	NLE	0.116
Cobalt	04/01/99	1.18	NLE	0.116
Copper	04/01/99	25.4	600	0.699
Iron	04/01/99	28100	NLE	2.33
Lead	04/01/99	90.1	400	0.466
Magnesium	04/01/99	2670	NLE	4.66
Manganese	04/01/99	21.0	NLE	0.116
Mercury	04/01/99	0.217	14	0.031
Nickel	04/01/99	6.73	250	0.116
Potassium	04/01/99	5950	NLE	4.66
Selenium	04/01/99	1.18	63	0.699
Silver	04/01/99	ND	110	0.699
Sodium	04/01/99	223	NLE	4.66
Thallium	04/01/99	ND	2	0.699
Vanadium	04/01/99	37.6	370	0.233
Zinc	04/01/99	125	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 #: 4372.02
Sample Received: 03/26/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-43, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/01/99	10600	NLE	2.088
Antimony	04/01/99	0.531	14	0.418
Arsenic	04/01/99	11.5	20	0.418
Barium	04/01/99	63.9	700	0.104
Beryllium	04/01/99	1.00	1	0.104
Cadmium	04/01/99	ND	1	0.104
Calcium	04/01/99	2420	NLE	4.175
Chromium	04/01/99	103	NLE	0.104
Cobalt	04/01/99	1.63	NLE	0.104
Copper	04/01/99	24.1	600	0.626
Iron	04/01/99	27200	NLE	2.088
Lead	04/01/99	134	400	0.418
Magnesium	04/01/99	3560	NLE	4.175
Manganese	04/01/99	39.9	NLE	0.104
Mercury	04/01/99	0.249	14	0.025
Nickel	04/01/99	7.54	250	0.104
Potassium	04/01/99	6710	NLE	4.175
Selenium	04/01/99	0.752	63	0.626
Silver	04/01/99	ND	110	0.626
Sodium	04/01/99	165	NLE	4.175
Thallium	04/01/99	ND	2	0.626
Vanadium	04/01/99	53.0	370	0.209
Zinc	04/01/99	81.6	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 #: 4372.04
Sample Received: 03/26/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-44, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/01/99	8030	NLE	2.143
Antimony	04/01/99	0.492	14	0.429
Arsenic	04/01/99	5.98	20	0.429
Barium	04/01/99	12.0	700	0.107
Beryllium	04/01/99	0.609	1	0.107
Cadmium	04/01/99	ND	1	0.107
Calcium	04/01/99	716	NLE	4.287
Chromium	04/01/99	57.6	NLE	0.107
Cobalt	04/01/99	2.40	NLE	0.107
Copper	04/01/99	4.32	600	0.643
Iron	04/01/99	21200	NLE	2.143
Lead	04/01/99	4.48	400	0.429
Magnesium	04/01/99	1450	NLE	4.287
Manganese	04/01/99	91.7	NLE	0.107
Mercury	04/01/99	0.067	14	0.022
Nickel	04/01/99	3.99	250	0.107
Potassium	04/01/99	3640	NLE	4.287
Selenium	04/01/99	ND	63	0.643
Silver	04/01/99	ND	110	0.643
Sodium	04/01/99	168	NLE	4.287
Thallium	04/01/99	ND	2	0.643
Vanadium	04/01/99	58.3	370	0.214
Zinc	04/01/99	25.0	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 #: 4372.06
Sample Received: 03/26/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-45, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/01/99	7910	NLE	2.445
Antimony	04/01/99	3.10	14	0.489
Arsenic	04/01/99	8.56	20	0.489
Barium	04/01/99	62.5	700	0.122
Beryllium	04/01/99	0.768	1	0.122
Cadmium	04/01/99	0.526	1	0.122
Calcium	04/01/99	3340	NLE	4.891
Chromium	04/01/99	58.1	NLE	0.122
Cobalt	04/01/99	4.65	NLE	0.122
Copper	04/01/99	49.4	600	0.734
Iron	04/01/99	23100	NLE	2.445
Lead	04/01/99	87.2	400	0.489
Magnesium	04/01/99	2820	NLE	4.891
Manganese	04/01/99	101	NLE	0.122
Mercury	04/01/99	0.260	14	0.026
Nickel	04/01/99	12.6	250	0.122
Potassium	04/01/99	3530	NLE	4.891
Selenium	04/01/99	1.16	63	0.734
Silver	04/01/99	ND	110	0.734
Sodium	04/01/99	215	NLE	4.891
Thallium	04/01/99	ND	2	0.734
Vanadium	04/01/99	50.3	370	0.245
Zinc	04/01/99	320	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 #: 4372.08
Sample Received: 03/26/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-46, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/01/99	9610	NLE	2.233
Antimony	04/01/99	1.63	14	0.447
Arsenic	04/01/99	11.1	20	0.447
Barium	04/01/99	57.6	700	0.112
Beryllium	04/01/99	1.05	1	0.112
Cadmium	04/01/99	ND	1	0.112
Calcium	04/01/99	2560	NLE	4.467
Chromium	04/01/99	94.1	NLE	0.112
Cobalt	04/01/99	2.85	NLE	0.112
Copper	04/01/99	44.4	600	0.670
Iron	04/01/99	31400	NLE	2.233
Lead	04/01/99	90.6	400	0.447
Magnesium	04/01/99	3290	NLE	4.467
Manganese	04/01/99	80.9	NLE	0.112
Mercury	04/01/99	0.297	14	0.025
Nickel	04/01/99	17.9	250	0.112
Potassium	04/01/99	6230	NLE	4.467
Selenium	04/01/99	0.698	63	0.670
Silver	04/01/99	1.93	110	0.670
Sodium	04/01/99	192	NLE	4.467
Thallium	04/01/99	ND	2	0.670
Vanadium	04/01/99	107	370	0.223
Zinc	04/01/99	221	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 #: 4372.10
Sample Received: 03/26/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-47, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/01/99	8180	NLE	1.995
Antimony	04/01/99	19.8	14	0.399
Arsenic	04/01/99	8.45	20	0.399
Barium	04/01/99	40.3	700	0.100
Beryllium	04/01/99	0.836	1	0.100
Cadmium	04/01/99	0.228	1	0.100
Calcium	04/01/99	1740	NLE	3.991
Chromium	04/01/99	79.8	NLE	0.100
Cobalt	04/01/99	3.00	NLE	0.100
Copper	04/01/99	19.5	600	0.599
Iron	04/01/99	24200	NLE	1.995
Lead	04/01/99	141	400	0.399
Magnesium	04/01/99	2170	NLE	3.991
Manganese	04/01/99	75.7	NLE	0.100
Mercury	04/01/99	0.838	14	0.026
Nickel	04/01/99	12.7	250	0.100
Potassium	04/01/99	4600	NLE	3.991
Selenium	04/01/99	0.722	63	0.599
Silver	04/01/99	1.71	110	0.599
Sodium	04/01/99	219	NLE	3.991
Thallium	04/01/99	ND	2	0.599
Vanadium	04/01/99	39.5	370	0.200
Zinc	04/01/99	231	1500	0.200

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4372.12
Sample Received: 03/26/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-48, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/01/99	15300	NLE	2.306
Antimony	04/01/99	1.94	14	0.461
Arsenic	04/01/99	9.18	20	0.461
Barium	04/01/99	55.1	700	0.115
Beryllium	04/01/99	1.47	1	0.115
Cadmium	04/01/99	ND	1	0.115
Calcium	04/01/99	1550	NLE	4.612
Chromium	04/01/99	96.1	NLE	0.115
Cobalt	04/01/99	2.76	NLE	0.115
Copper	04/01/99	10.1	600	0.692
Iron	04/01/99	31700	NLE	2.306
Lead	04/01/99	59.1	400	0.461
Magnesium	04/01/99	3490	NLE	4.612
Manganese	04/01/99	40.3	NLE	0.115
Mercury	04/01/99	0.098	14	0.025
Nickel	04/01/99	12.3	250	0.115
Potassium	04/01/99	7360	NLE	4.612
Selenium	04/01/99	ND	63	0.692
Silver	04/01/99	ND	110	0.692
Sodium	04/01/99	161	NLE	4.612
Thallium	04/01/99	ND	2	0.692
Vanadium	04/01/99	60.9	370	0.231
Zinc	04/01/99	129	1500	0.231

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4376.02
Sample Received: 03/29/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-49, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/08/99	36900	NLE	3.292
Antimony	04/08/99	29.8	14	0.658
Arsenic	04/08/99	9.76	20	0.658
Barium	04/08/99	157	700	0.165
Beryllium	04/08/99	1.05	1	0.165
Cadmium	04/08/99	0.488	1	0.165
Calcium	04/08/99	4080	NLE	6.583
Chromium	04/08/99	83.6	NLE	0.165
Cobalt	04/08/99	6.89	NLE	0.165
Copper	04/08/99	40.1	600	0.987
Iron	04/08/99	32200	NLE	3.292
Lead	04/08/99	1490	400	0.658
Magnesium	04/08/99	3000	NLE	6.583
Manganese	04/08/99	152	NLE	0.165
Mercury	04/06/99	0.221	14	0.032
Nickel	04/08/99	19.4	250	0.165
Potassium	04/08/99	5170	NLE	6.583
Selenium	04/08/99	ND	63	0.987
Silver	04/08/99	ND	110	0.987
Sodium	04/08/99	310	NLE	6.583
Thallium	04/08/99	ND	2	0.987
Vanadium	04/08/99	48.6	370	0.329
Zinc	04/08/99	651	1500	0.329

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4376.04
Sample Received: 03/29/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-50, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/08/99	13500	NLE	2.172
Antimony	04/08/99	2.77	14	0.434
Arsenic	04/08/99	10.7	20	0.434
Barium	04/08/99	45.0	700	0.109
Beryllium	04/08/99	1.09	1	0.109
Cadmium	04/08/99	0.546	1	0.109
Calcium	04/08/99	2640	NLE	4.345
Chromium	04/08/99	84.7	NLE	0.109
Cobalt	04/08/99	3.87	NLE	0.109
Copper	04/08/99	28.9	600	0.652
Iron	04/08/99	27800	NLE	2.172
Lead	04/08/99	188	400	0.434
Magnesium	04/08/99	2780	NLE	4.345
Manganese	04/08/99	91.1	NLE	0.109
Mercury	04/06/99	0.155	14	0.024
Nickel	04/08/99	15.3	250	0.109
Potassium	04/08/99	4390	NLE	4.345
Selenium	04/08/99	ND	63	0.652
Silver	04/08/99	ND	110	0.652
Sodium	04/08/99	356	NLE	4.345
Thallium	04/08/99	ND	2	0.652
Vanadium	04/08/99	62.4	370	0.217
Zinc	04/08/99	360	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 #: 4376.06
Sample Received: 03/29/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-51, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/08/99	6650	NLE	1.974
Antimony	04/08/99	0.503	14	0.395
Arsenic	04/08/99	7.55	20	0.395
Barium	04/08/99	26.7	700	0.099
Beryllium	04/08/99	0.803	1	0.099
Cadmium	04/08/99	ND	1	0.099
Calcium	04/08/99	620	NLE	3.948
Chromium	04/08/99	82.4	NLE	0.099
Cobalt	04/08/99	0.865	NLE	0.099
Copper	04/08/99	12.9	600	0.592
Iron	04/08/99	21800	NLE	1.974
Lead	04/08/99	21.0	400	0.395
Magnesium	04/08/99	2400	NLE	3.948
Manganese	04/08/99	16.9	NLE	0.099
Mercury	04/06/99	0.048	14	0.025
Nickel	04/08/99	3.94	250	0.099
Potassium	04/08/99	5820	NLE	3.948
Selenium	04/08/99	0.648	63	0.592
Silver	04/08/99	ND	110	0.592
Sodium	04/08/99	137	NLE	3.948
Thallium	04/08/99	ND	2	0.592
Vanadium	04/08/99	37.1	370	0.197
Zinc	04/08/99	32.2	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 #: 4376.08
Sample Received: 03/29/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-52, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/08/99	17000	NLE	2.118
Antimony	04/08/99	ND	14	0.424
Arsenic	04/08/99	11.5	20	0.424
Barium	04/08/99	58.2	700	0.106
Beryllium	04/08/99	1.32	1	0.106
Cadmium	04/08/99	ND	1	0.106
Calcium	04/08/99	2370	NLE	4.236
Chromium	04/08/99	137	NLE	0.106
Cobalt	04/08/99	2.88	NLE	0.106
Copper	04/08/99	24.7	600	0.635
Iron	04/08/99	38100	NLE	2.118
Lead	04/08/99	30.0	400	0.424
Magnesium	04/08/99	4490	NLE	4.236
Manganese	04/08/99	95.2	NLE	0.106
Mercury	04/06/99	0.086	14	0.025
Nickel	04/08/99	14.4	250	0.106
Potassium	04/08/99	10400	NLE	4.236
Selenium	04/08/99	0.896	63	0.635
Silver	04/08/99	ND	110	0.635
Sodium	04/08/99	269	NLE	4.236
Thallium	04/08/99	ND	2	0.635
Vanadium	04/08/99	78.1	370	0.212
Zinc	04/08/99	85.7	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 #: 4376.10
Sample Received: 03/29/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-53, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/08/99	9670	NLE	2.253
Antimony	04/08/99	0.469	14	0.451
Arsenic	04/08/99	5.86	20	0.451
Barium	04/08/99	39.3	700	0.113
Beryllium	04/08/99	0.653	1	0.113
Cadmium	04/08/99	ND	1	0.113
Calcium	04/08/99	526	NLE	4.506
Chromium	04/08/99	51.3	NLE	0.113
Cobalt	04/08/99	1.57	NLE	0.113
Copper	04/08/99	11.4	600	0.676
Iron	04/08/99	17500	NLE	2.253
Lead	04/08/99	17.3	400	0.451
Magnesium	04/08/99	1720	NLE	4.506
Manganese	04/08/99	38.2	NLE	0.113
Mercury	04/06/99	0.166	14	0.026
Nickel	04/08/99	5.29	250	0.113
Potassium	04/08/99	3240	NLE	4.506
Selenium	04/08/99	ND	63	0.676
Silver	04/08/99	ND	110	0.676
Sodium	04/08/99	537	NLE	4.506
Thallium	04/08/99	ND	2	0.676
Vanadium	04/08/99	29.6	370	0.225
Zinc	04/08/99	30.9	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 #: 4376.12
Sample Received: 03/29/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-54, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/08/99	7520	NLE	2.202
Antimony	04/08/99	ND	14	0.440
Arsenic	04/08/99	11.8	20	0.440
Barium	04/08/99	32.7	700	0.110
Beryllium	04/08/99	0.726	1	0.110
Cadmium	04/08/99	0.390	1	0.110
Calcium	04/08/99	2480	NLE	4.405
Chromium	04/08/99	67.4	NLE	0.110
Cobalt	04/08/99	2.09	NLE	0.110
Copper	04/08/99	18.2	600	0.661
Iron	04/08/99	24000	NLE	2.202
Lead	04/08/99	49.2	400	0.440
Magnesium	04/08/99	2880	NLE	4.405
Manganese	04/08/99	60.9	NLE	0.110
Mercury	04/06/99	4.472	14	0.023
Nickel	04/08/99	7.60	250	0.110
Potassium	04/08/99	5220	NLE	4.405
Selenium	04/08/99	ND	63	0.661
Silver	04/08/99	ND	110	0.661
Sodium	04/08/99	185	NLE	4.405
Thallium	04/08/99	ND	2	0.661
Vanadium	04/08/99	38.5	370	0.220
Zinc	04/08/99	91.0	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 #: 4376.14
Sample Received: 03/29/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-55, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/08/99	14800	NLE	2.234
Antimony	04/08/99	0.537	14	0.447
Arsenic	04/08/99	7.37	20	0.447
Barium	04/08/99	10.7	700	0.112
Beryllium	04/08/99	1.02	1	0.112
Cadmium	04/08/99	ND	1	0.112
Calcium	04/08/99	824	NLE	4.469
Chromium	04/08/99	108	NLE	0.112
Cobalt	04/08/99	1.66	NLE	0.112
Copper	04/08/99	18.3	600	0.670
Iron	04/08/99	38800	NLE	2.234
Lead	04/08/99	8.41	400	0.447
Magnesium	04/08/99	3530	NLE	4.469
Manganese	04/08/99	27.1	NLE	0.112
Mercury	04/06/99	0.516	14	0.027
Nickel	04/08/99	9.07	250	0.112
Potassium	04/08/99	5180	NLE	4.469
Selenium	04/08/99	0.995	63	0.670
Silver	04/08/99	ND	110	0.670
Sodium	04/08/99	107	NLE	4.469
Thallium	04/08/99	ND	2	0.670
Vanadium	04/08/99	58.2	370	0.223
Zinc	04/08/99	72.7	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 #: 4376.16
Sample Received: 03/29/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-56, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/08/99	11800	NLE	2.315
Antimony	04/08/99	ND	14	0.463
Arsenic	04/08/99	11.7	20	0.463
Barium	04/08/99	30.9	700	0.116
Beryllium	04/08/99	0.802	1	0.116
Cadmium	04/08/99	ND	1	0.116
Calcium	04/08/99	748	NLE	4.630
Chromium	04/08/99	97.8	NLE	0.116
Cobalt	04/08/99	1.70	NLE	0.116
Copper	04/08/99	22.5	600	0.694
Iron	04/08/99	32400	NLE	2.315
Lead	04/08/99	50.4	400	0.463
Magnesium	04/08/99	3380	NLE	4.630
Manganese	04/08/99	38.6	NLE	0.116
Mercury	04/06/99	0.168	14	0.025
Nickel	04/08/99	6.45	250	0.116
Potassium	04/08/99	7380	NLE	4.630
Selenium	04/08/99	ND	63	0.694
Silver	04/08/99	ND	110	0.694
Sodium	04/08/99	528	NLE	4.630
Thallium	04/08/99	ND	2	0.694
Vanadium	04/08/99	52.0	370	0.231
Zinc	04/08/99	44.3	1500	0.231

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4376.18
Sample Received: 03/29/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-57, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/08/99	9840	NLE	2.502
Antimony	04/08/99	4.02	14	0.500
Arsenic	04/08/99	8.78	20	0.500
Barium	04/08/99	79.3	700	0.125
Beryllium	04/08/99	0.880	1	0.125
Cadmium	04/08/99	1.26	1	0.125
Calcium	04/08/99	2050	NLE	5.005
Chromium	04/08/99	74.5	NLE	0.125
Cobalt	04/08/99	3.00	NLE	0.125
Copper	04/08/99	22.7	600	0.751
Iron	04/08/99	26600	NLE	2.502
Lead	04/08/99	883	400	0.500
Magnesium	04/08/99	2460	NLE	5.005
Manganese	04/08/99	35.2	NLE	0.125
Mercury	04/06/99	0.367	14	0.026
Nickel	04/08/99	11.0	250	0.125
Potassium	04/08/99	5110	NLE	5.005
Selenium	04/08/99	0.847	63	0.751
Silver	04/08/99	ND	110	0.751
Sodium	04/08/99	169	NLE	5.005
Thallium	04/08/99	ND	2	0.751
Vanadium	04/08/99	73.0	370	0.250
Zinc	04/08/99	249	1500	0.250

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4376.20
Sample Received: 03/29/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-58, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/08/99	9520	NLE	3.707
Antimony	04/08/99	ND	14	0.741
Arsenic	04/08/99	8.56	20	0.741
Barium	04/08/99	66.8	700	0.185
Beryllium	04/08/99	0.646	1	0.185
Cadmium	04/08/99	ND	1	0.185
Calcium	04/08/99	4140	NLE	7.415
Chromium	04/08/99	57.5	NLE	0.185
Cobalt	04/08/99	3.71	NLE	0.185
Copper	04/08/99	38.8	600	1.112
Iron	04/08/99	34900	NLE	3.707
Lead	04/08/99	187	400	0.741
Magnesium	04/08/99	2380	NLE	7.415
Manganese	04/08/99	222	NLE	0.185
Mercury	04/06/99	2.805	14	0.041
Nickel	04/08/99	16.1	250	0.185
Potassium	04/08/99	3680	NLE	7.415
Selenium	04/08/99	ND	63	1.112
Silver	04/08/99	ND	110	1.112
Sodium	04/08/99	312	NLE	7.415
Thallium	04/08/99	ND	2	1.112
Vanadium	04/08/99	42.1	370	0.371
Zinc	04/08/99	189	1500	0.371

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4376.22
Sample Received: 03/29/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-59, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/08/99	7790	NLE	2.513
Antimony	04/08/99	1.30	14	0.503
Arsenic	04/08/99	8.72	20	0.503
Barium	04/08/99	64.1	700	0.126
Beryllium	04/08/99	0.745	1	0.126
Cadmium	04/08/99	ND	1	0.126
Calcium	04/08/99	8930	NLE	5.026
Chromium	04/08/99	75.4	NLE	0.126
Cobalt	04/08/99	3.06	NLE	0.126
Copper	04/08/99	63.5	600	0.754
Iron	04/08/99	80600	NLE	2.513
Lead	04/08/99	169	400	0.503
Magnesium	04/08/99	2380	NLE	5.026
Manganese	04/08/99	455	NLE	0.126
Mercury	04/06/99	1.632	14	0.026
Nickel	04/08/99	12.7	250	0.126
Potassium	04/08/99	4350	NLE	5.026
Selenium	04/08/99	0.882	63	0.754
Silver	04/08/99	3.49	110	0.754
Sodium	04/08/99	274	NLE	5.026
Thallium	04/08/99	ND	2	0.754
Vanadium	04/08/99	38.5	370	0.251
Zinc	04/08/99	327	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 #: 4376.24
Sample Received: 03/29/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-60, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/08/99	15400	NLE	2.327
Antimony	04/08/99	4.46	14	0.465
Arsenic	04/08/99	8.62	20	0.465
Barium	04/08/99	43.3	700	0.116
Beryllium	04/08/99	0.759	1	0.116
Cadmium	04/08/99	ND	1	0.116
Calcium	04/08/99	1500	NLE	4.654
Chromium	04/08/99	62.0	NLE	0.116
Cobalt	04/08/99	4.93	NLE	0.116
Copper	04/08/99	12.6	600	0.698
Iron	04/08/99	25600	NLE	2.327
Lead	04/08/99	666	400	0.465
Magnesium	04/08/99	2090	NLE	4.654
Manganese	04/08/99	178	NLE	0.116
Mercury	04/06/99	0.425	14	0.027
Nickel	04/08/99	11.3	250	0.116
Potassium	04/08/99	3680	NLE	4.654
Selenium	04/08/99	ND	63	0.698
Silver	04/08/99	ND	110	0.698
Sodium	04/08/99	132	NLE	4.654
Thallium	04/08/99	ND	2	0.698
Vanadium	04/08/99	47.7	370	0.233
Zinc	04/08/99	544	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 #: 4376.26
Sample Received: 03/29/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-61, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/08/99	8470	NLE	2.456
Antimony	04/08/99	4.48	14	0.491
Arsenic	04/08/99	7.85	20	0.491
Barium	04/08/99	53.6	700	0.123
Beryllium	04/08/99	0.700	1	0.123
Cadmium	04/08/99	ND	1	0.123
Calcium	04/08/99	2460	NLE	4.912
Chromium	04/08/99	61.5	NLE	0.123
Cobalt	04/08/99	3.56	NLE	0.123
Copper	04/08/99	16.1	600	0.737
Iron	04/08/99	23200	NLE	2.456
Lead	04/08/99	352	400	0.491
Magnesium	04/08/99	2330	NLE	4.912
Manganese	04/08/99	165	NLE	0.123
Mercury	04/06/99	0.377	14	0.026
Nickel	04/08/99	9.06	250	0.123
Potassium	04/08/99	4030	NLE	4.912
Selenium	04/08/99	ND	63	0.737
Silver	04/08/99	ND	110	0.737
Sodium	04/08/99	126	NLE	4.912
Thallium	04/08/99	ND	2	0.737
Vanadium	04/08/99	40.9	370	0.246
Zinc	04/08/99	380	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 #: 4376.28
Sample Received: 03/29/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-62, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/08/99	12400	NLE	2.835
Antimony	04/08/99	1.95	14	0.567
Arsenic	04/08/99	5.72	20	0.567
Barium	04/08/99	85.0	700	0.142
Beryllium	04/08/99	0.580	1	0.142
Cadmium	04/08/99	2.25	1	0.142
Calcium	04/08/99	3850	NLE	5.671
Chromium	04/08/99	107	NLE	0.142
Cobalt	04/08/99	4.81	NLE	0.142
Copper	04/08/99	91.7	600	0.851
Iron	04/08/99	37700	NLE	2.835
Lead	04/08/99	199	400	0.567
Magnesium	04/08/99	1460	NLE	5.671
Manganese	04/08/99	210	NLE	0.142
Mercury	04/06/99	1.572	14	0.031
Nickel	04/08/99	56.7	250	0.142
Potassium	04/08/99	2690	NLE	5.671
Selenium	04/08/99	ND	63	0.851
Silver	04/08/99	2.93	110	0.851
Sodium	04/08/99	145	NLE	5.671
Thallium	04/08/99	ND	2	0.851
Vanadium	04/08/99	27.1	370	0.284
Zinc	04/08/99	2820	1500	0.284

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4376.30
Sample Received: 03/29/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-63, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/08/99	11200	NLE	2.246
Antimony	04/08/99	0.648	14	0.449
Arsenic	04/08/99	8.89	20	0.449
Barium	04/08/99	39.8	700	0.112
Beryllium	04/08/99	0.907	1	0.112
Cadmium	04/08/99	0.124	1	0.112
Calcium	04/08/99	894	NLE	4.491
Chromium	04/08/99	69.1	NLE	0.112
Cobalt	04/08/99	3.02	NLE	0.112
Copper	04/08/99	16.6	600	0.674
Iron	04/08/99	30600	NLE	2.246
Lead	04/08/99	37.1	400	0.449
Magnesium	04/08/99	2120	NLE	4.491
Manganese	04/08/99	99.7	NLE	0.112
Mercury	04/06/99	0.273	14	0.025
Nickel	04/08/99	11.0	250	0.112
Potassium	04/08/99	4670	NLE	4.491
Selenium	04/08/99	ND	63	0.674
Silver	04/08/99	ND	110	0.674
Sodium	04/08/99	108	NLE	4.491
Thallium	04/08/99	ND	2	0.674
Vanadium	04/08/99	62.8	370	0.225
Zinc	04/08/99	108	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 #: 4376.32
Sample Received: 03/29/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-64, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/08/99	13900	NLE	2.704
Antimony	04/08/99	0.627	14	0.541
Arsenic	04/08/99	11.9	20	0.541
Barium	04/08/99	83.2	700	0.135
Beryllium	04/08/99	1.30	1	0.135
Cadmium	04/08/99	ND	1	0.135
Calcium	04/08/99	706	NLE	5.408
Chromium	04/08/99	119	NLE	0.135
Cobalt	04/08/99	2.48	NLE	0.135
Copper	04/08/99	72.5	600	0.811
Iron	04/08/99	40600	NLE	2.704
Lead	04/08/99	117	400	0.541
Magnesium	04/08/99	3600	NLE	5.408
Manganese	04/08/99	41.8	NLE	0.135
Mercury	04/06/99	0.661	14	0.029
Nickel	04/08/99	10.9	250	0.135
Potassium	04/08/99	8060	NLE	5.408
Selenium	04/08/99	ND	63	0.811
Silver	04/08/99	ND	110	0.811
Sodium	04/08/99	208	NLE	5.408
Thallium	04/08/99	ND	2	0.811
Vanadium	04/08/99	61.8	370	0.270
Zinc	04/08/99	116	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 #: 4376.34
Sample Received: 03/29/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-65, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/08/99	10200	NLE	4.120
Antimony	04/08/99	10.3	14	0.824
Arsenic	04/08/99	8.31	20	0.824
Barium	04/08/99	498	700	0.206
Beryllium	04/08/99	0.461	1	0.206
Cadmium	04/08/99	ND	1	0.206
Calcium	04/08/99	8150	NLE	8.240
Chromium	04/08/99	90.7	NLE	0.206
Cobalt	04/08/99	5.68	NLE	0.206
Copper	04/08/99	145	600	1.236
Iron	04/08/99	69200	NLE	4.120
Lead	04/08/99	222	400	0.824
Magnesium	04/08/99	1640	NLE	8.240
Manganese	04/08/99	324	NLE	0.206
Mercury	04/06/99	0.500	14	0.047
Nickel	04/08/99	27.0	250	0.206
Potassium	04/08/99	3290	NLE	8.240
Selenium	04/08/99	ND	63	1.236
Silver	04/08/99	5.80	110	1.236
Sodium	04/08/99	259	NLE	8.240
Thallium	04/08/99	ND	2	1.236
Vanadium	04/08/99	29.4	370	0.412
Zinc	04/08/99	375	1500	0.412

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4376.36
Sample Received: 03/29/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-66, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/08/99	8630	NLE	2.320
Antimony	04/08/99	ND	14	0.464
Arsenic	04/08/99	8.66	20	0.464
Barium	04/08/99	35.6	700	0.116
Beryllium	04/08/99	1.02	1	0.116
Cadmium	04/08/99	ND	1	0.116
Calcium	04/08/99	431	NLE	4.641
Chromium	04/08/99	99.2	NLE	0.116
Cobalt	04/08/99	1.42	NLE	0.116
Copper	04/08/99	18.0	600	0.696
Iron	04/08/99	29200	NLE	2.320
Lead	04/08/99	20.3	400	0.464
Magnesium	04/08/99	2840	NLE	4.641
Manganese	04/08/99	27.8	NLE	0.116
Mercury	04/06/99	0.089	14	0.023
Nickel	04/08/99	7.08	250	0.116
Potassium	04/08/99	6890	NLE	4.641
Selenium	04/08/99	ND	63	0.696
Silver	04/08/99	ND	110	0.696
Sodium	04/08/99	122	NLE	4.641
Thallium	04/08/99	ND	2	0.696
Vanadium	04/08/99	44.7	370	0.232
Zinc	04/08/99	70.7	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 #: 4382.02
Sample Received: 03/30/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-67, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/08/99	9030	NLE	2.473
Antimony	04/08/99	5.21	14	0.495
Arsenic	04/08/99	18.3	20	0.495
Barium	04/08/99	48.2	700	0.124
Beryllium	04/08/99	0.768	1	0.124
Cadmium	04/08/99	5.63	1	0.124
Calcium	04/08/99	4960	NLE	4.947
Chromium	04/08/99	92.2	NLE	0.124
Cobalt	04/08/99	6.07	NLE	0.124
Copper	04/08/99	69.9	600	0.742
Iron	04/08/99	80500	NLE	2.473
Lead	04/08/99	243	400	0.495
Magnesium	04/08/99	2810	NLE	4.947
Manganese	04/08/99	340	NLE	0.124
Mercury	04/06/99	0.314	14	0.026
Nickel	04/08/99	22.0	250	0.124
Potassium	04/08/99	5610	NLE	4.947
Selenium	04/08/99	ND	63	0.742
Silver	04/08/99	ND	110	0.742
Sodium	04/08/99	132	NLE	4.947
Thallium	04/08/99	ND	2	0.742
Vanadium	04/08/99	52.8	370	0.247
Zinc	04/08/99	1710	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 #: 4382.04
Sample Received: 03/30/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-68, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/08/99	11700	NLE	2.336
Antimony	04/08/99	0.537	14	0.467
Arsenic	04/08/99	8.71	20	0.467
Barium	04/08/99	66.9	700	0.117
Beryllium	04/08/99	0.962	1	0.117
Cadmium	04/08/99	ND	1	0.117
Calcium	04/08/99	2150	NLE	4.672
Chromium	04/08/99	80.8	NLE	0.117
Cobalt	04/08/99	2.40	NLE	0.117
Copper	04/08/99	10.6	600	0.701
Iron	04/08/99	18000	NLE	2.336
Lead	04/08/99	25.1	400	0.467
Magnesium	04/08/99	2110	NLE	4.672
Manganese	04/08/99	55.5	NLE	0.117
Mercury	04/06/99	0.095	14	0.024
Nickel	04/08/99	8.05	250	0.117
Potassium	04/08/99	3330	NLE	4.672
Selenium	04/08/99	ND	63	0.701
Silver	04/08/99	ND	110	0.701
Sodium	04/08/99	129	NLE	4.672
Thallium	04/08/99	ND	2	0.701
Vanadium	04/08/99	48.5	370	0.234
Zinc	04/08/99	82.5	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 #: 4382.06
Sample Received: 03/30/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-69, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/08/99	17500	NLE	2.445
Antimony	04/08/99	ND	14	0.489
Arsenic	04/08/99	13.4	20	0.489
Barium	04/08/99	28.0	700	0.122
Beryllium	04/08/99	2.07	1	0.122
Cadmium	04/08/99	ND	1	0.122
Calcium	04/08/99	1480	NLE	4.890
Chromium	04/08/99	194	NLE	0.122
Cobalt	04/08/99	1.76	NLE	0.122
Copper	04/08/99	7.53	600	0.733
Iron	04/08/99	61600	NLE	2.445
Lead	04/08/99	29.2	400	0.489
Magnesium	04/08/99	7490	NLE	4.890
Manganese	04/08/99	47.8	NLE	0.122
Mercury	04/06/99	0.162	14	0.025
Nickel	04/08/99	8.48	250	0.122
Potassium	04/08/99	17900	NLE	4.890
Selenium	04/08/99	ND	63	0.733
Silver	04/08/99	ND	110	0.733
Sodium	04/08/99	156	NLE	4.890
Thallium	04/08/99	ND	2	0.733
Vanadium	04/08/99	85.7	370	0.244
Zinc	04/08/99	82.5	1500	0.244

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
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Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4382.08
Sample Received: 03/30/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-70, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/08/99	18100	NLE	1.983
Antimony	04/08/99	ND	14	0.397
Arsenic	04/08/99	15.7	20	0.397
Barium	04/08/99	46.9	700	0.099
Beryllium	04/08/99	1.61	1	0.099
Cadmium	04/08/99	ND	1	0.099
Calcium	04/08/99	1760	NLE	3.966
Chromium	04/08/99	196	NLE	0.099
Cobalt	04/08/99	2.73	NLE	0.099
Copper	04/08/99	36.6	600	0.595
Iron	04/08/99	50000	NLE	1.983
Lead	04/08/99	69.2	400	0.397
Magnesium	04/08/99	7990	NLE	3.966
Manganese	04/08/99	60.6	NLE	0.099
Mercury	04/06/99	0.185	14	0.025
Nickel	04/08/99	11.6	250	0.099
Potassium	04/08/99	14000	NLE	3.966
Selenium	04/08/99	1.08	63	0.595
Silver	04/08/99	1.36	110	0.595
Sodium	04/08/99	363	NLE	3.966
Thallium	04/08/99	ND	2	0.595
Vanadium	04/08/99	81.8	370	0.198
Zinc	04/08/99	122	1500	0.198

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
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Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4382.10
Sample Received: 03/30/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-71, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/08/99	6300	NLE	2.136
Antimony	04/08/99	0.530	14	0.427
Arsenic	04/08/99	5.61	20	0.427
Barium	04/08/99	20.4	700	0.107
Beryllium	04/08/99	0.450	1	0.107
Cadmium	04/08/99	ND	1	0.107
Calcium	04/08/99	5240	NLE	4.272
Chromium	04/08/99	48.4	NLE	0.107
Cobalt	04/08/99	2.18	NLE	0.107
Copper	04/08/99	23.5	600	0.641
Iron	04/08/99	26100	NLE	2.136
Lead	04/08/99	46.1	400	0.427
Magnesium	04/08/99	3750	NLE	4.272
Manganese	04/08/99	113	NLE	0.107
Mercury	04/06/99	0.150	14	0.023
Nickel	04/08/99	8.26	250	0.107
Potassium	04/08/99	3140	NLE	4.272
Selenium	04/08/99	ND	63	0.641
Silver	04/08/99	ND	110	0.641
Sodium	04/08/99	199	NLE	4.272
Thallium	04/08/99	ND	2	0.641
Vanadium	04/08/99	31.2	370	0.214
Zinc	04/08/99	66.6	1500	0.214

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

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Client: U.S. Army
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Lab ID #: 4382.12
Sample Received: 03/30/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-72, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/08/99	10700	NLE	2.382
Antimony	04/08/99	6.95	14	0.476
Arsenic	04/08/99	7.99	20	0.476
Barium	04/08/99	85.3	700	0.119
Beryllium	04/08/99	0.870	1	0.119
Cadmium	04/08/99	0.751	1	0.119
Calcium	04/08/99	49400	NLE	4.764
Chromium	04/08/99	76.0	NLE	0.119
Cobalt	04/08/99	2.96	NLE	0.119
Copper	04/08/99	23.4	600	0.715
Iron	04/08/99	27300	NLE	2.382
Lead	04/08/99	353	400	0.476
Magnesium	04/08/99	3550	NLE	4.764
Manganese	04/08/99	495	NLE	0.119
Mercury	04/06/99	0.378	14	0.025
Nickel	04/08/99	11.7	250	0.119
Potassium	04/08/99	5420	NLE	4.764
Selenium	04/08/99	ND	63	0.715
Silver	04/08/99	ND	110	0.715
Sodium	04/08/99	154	NLE	4.764
Thallium	04/08/99	ND	2	0.715
Vanadium	04/08/99	60.0	370	0.238
Zinc	04/08/99	362	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
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Lab ID #: 4382.14
Sample Received: 03/30/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-73, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/08/99	18500	NLE	2.385
Antimony	04/08/99	ND	14	0.477
Arsenic	04/08/99	18.6	20	0.477
Barium	04/08/99	94.3	700	0.119
Beryllium	04/08/99	2.05	1	0.119
Cadmium	04/08/99	ND	1	0.119
Calcium	04/08/99	4170	NLE	4.770
Chromium	04/08/99	254	NLE	0.119
Cobalt	04/08/99	0.695	NLE	0.119
Copper	04/08/99	28.2	600	0.716
Iron	04/08/99	68200	NLE	2.385
Lead	04/08/99	47.5	400	0.477
Magnesium	04/08/99	7730	NLE	4.770
Manganese	04/08/99	104	NLE	0.119
Mercury	04/06/99	0.312	14	0.023
Nickel	04/08/99	6.96	250	0.119
Potassium	04/08/99	17600	NLE	4.770
Selenium	04/08/99	4.02	63	0.716
Silver	04/08/99	ND	110	0.716
Sodium	04/08/99	170	NLE	4.770
Thallium	04/08/99	ND	2	0.716
Vanadium	04/08/99	91.2	370	0.239
Zinc	04/08/99	82.5	1500	0.239

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

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Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4382.16
Sample Received: 03/30/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-74, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/08/99	12000	NLE	2.693
Antimony	04/08/99	1.11	14	0.539
Arsenic	04/08/99	10.2	20	0.539
Barium	04/08/99	304	700	0.135
Beryllium	04/08/99	0.992	1	0.135
Cadmium	04/08/99	1.67	1	0.135
Calcium	04/08/99	7270	NLE	5.387
Chromium	04/08/99	89.7	NLE	0.135
Cobalt	04/08/99	5.47	NLE	0.135
Copper	04/08/99	115	600	0.808
Iron	04/08/99	36000	NLE	2.693
Lead	04/08/99	137	400	0.539
Magnesium	04/08/99	4220	NLE	5.387
Manganese	04/08/99	102	NLE	0.135
Mercury	04/06/99	1.963	14	0.026
Nickel	04/08/99	29.1	250	0.135
Potassium	04/08/99	5980	NLE	5.387
Selenium	04/08/99	ND	63	0.808
Silver	04/08/99	35.6	110	0.808
Sodium	04/08/99	425	NLE	5.387
Thallium	04/08/99	ND	2	0.808
Vanadium	04/08/99	87.1	370	0.269
Zinc	04/08/99	553	1500	0.269

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

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U.S. Army, Fort Monmouth Environmental Laboratory
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Client: U.S. Army
DPW, SELFM-PW-EV
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Ft. Monmouth, NJ 07703

Lab ID #: 4382.18
Sample Received: 03/30/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-75, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/08/99	9690	NLE	2.218
Antimony	04/08/99	ND	14	0.444
Arsenic	04/08/99	11.2	20	0.444
Barium	04/08/99	60.6	700	0.111
Beryllium	04/08/99	1.16	1	0.111
Cadmium	04/08/99	ND	1	0.111
Calcium	04/08/99	765	NLE	4.436
Chromium	04/08/99	110	NLE	0.111
Cobalt	04/08/99	1.72	NLE	0.111
Copper	04/08/99	3.76	600	0.665
Iron	04/08/99	31000	NLE	2.218
Lead	04/08/99	8.35	400	0.444
Magnesium	04/08/99	3260	NLE	4.436
Manganese	04/08/99	62.5	NLE	0.111
Mercury	04/06/99	0.228	14	0.022
Nickel	04/08/99	6.82	250	0.111
Potassium	04/08/99	7430	NLE	4.436
Selenium	04/08/99	0.732	63	0.665
Silver	04/08/99	ND	110	0.665
Sodium	04/08/99	93.0	NLE	4.436
Thallium	04/08/99	ND	2	0.665
Vanadium	04/08/99	49.7	370	0.222
Zinc	04/08/99	35.2	1500	0.222

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

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Client: U.S. Army
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Lab ID #: 4382.20
Sample Received: 03/30/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-76, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/08/99	15000	NLE	2.392
Antimony	04/08/99	9.21	14	0.478
Arsenic	04/08/99	10.5	20	0.478
Barium	04/08/99	66.9	700	0.120
Beryllium	04/08/99	1.70	1	0.120
Cadmium	04/08/99	0.152	1	0.120
Calcium	04/08/99	1990	NLE	4.783
Chromium	04/08/99	103	NLE	0.120
Cobalt	04/08/99	3.21	NLE	0.120
Copper	04/08/99	15.0	600	0.718
Iron	04/08/99	36600	NLE	2.392
Lead	04/08/99	549	400	0.478
Magnesium	04/08/99	4450	NLE	4.783
Manganese	04/08/99	48.7	NLE	0.120
Mercury	04/06/99	0.147	14	0.026
Nickel	04/08/99	16.6	250	0.120
Potassium	04/08/99	8070	NLE	4.783
Selenium	04/08/99	ND	63	0.718
Silver	04/08/99	ND	110	0.718
Sodium	04/08/99	123	NLE	4.783
Thallium	04/08/99	ND	2	0.718
Vanadium	04/08/99	62.0	370	0.239
Zinc	04/08/99	383	1500	0.239

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

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Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4382.22
Sample Received: 03/30/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-77, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/08/99	13600	NLE	2.251
Antimony	04/08/99	5.47	14	0.450
Arsenic	04/08/99	9.73	20	0.450
Barium	04/08/99	117	700	0.113
Beryllium	04/08/99	1.29	1	0.113
Cadmium	04/08/99	ND	1	0.113
Calcium	04/08/99	1020	NLE	4.502
Chromium	04/08/99	101	NLE	0.113
Cobalt	04/08/99	1.97	NLE	0.113
Copper	04/08/99	13.4	600	0.675
Iron	04/08/99	33200	NLE	2.251
Lead	04/08/99	255	400	0.450
Magnesium	04/08/99	3830	NLE	4.502
Manganese	04/08/99	31.2	NLE	0.113
Mercury	04/06/99	0.108	14	0.023
Nickel	04/08/99	9.07	250	0.113
Potassium	04/08/99	8300	NLE	4.502
Selenium	04/08/99	ND	63	0.675
Silver	04/08/99	ND	110	0.675
Sodium	04/08/99	131	NLE	4.502
Thallium	04/08/99	ND	2	0.675
Vanadium	04/08/99	57.6	370	0.225
Zinc	04/08/99	114	1500	0.225

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
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Client: U.S. Army
DPW, SELFM-PW-EV
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Ft. Monmouth, NJ 07703

Lab ID #: 4382.24
Sample Received: 03/30/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-78, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/08/99	9350	NLE	2.761
Antimony	04/08/99	1.52	14	0.552
Arsenic	04/08/99	11.0	20	0.552
Barium	04/08/99	86.4	700	0.138
Beryllium	04/08/99	0.764	1	0.138
Cadmium	04/08/99	0.270	1	0.138
Calcium	04/08/99	2000	NLE	5.521
Chromium	04/08/99	74.9	NLE	0.138
Cobalt	04/08/99	4.69	NLE	0.138
Copper	04/08/99	58.5	600	0.828
Iron	04/08/99	47100	NLE	2.761
Lead	04/08/99	145	400	0.552
Magnesium	04/08/99	2500	NLE	5.521
Manganese	04/08/99	663	NLE	0.138
Mercury	04/06/99	11.096	14	0.030
Nickel	04/08/99	27.8	250	0.138
Potassium	04/08/99	4650	NLE	5.521
Selenium	04/08/99	0.965	63	0.828
Silver	04/08/99	2.58	110	0.828
Sodium	04/08/99	193	NLE	5.521
Thallium	04/08/99	ND	2	0.828
Vanadium	04/08/99	71.7	370	0.276
Zinc	04/08/99	663	1500	0.276

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

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Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4382.28
Sample Received: 03/30/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-79, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/08/99	9400	NLE	2.458
Antimony	04/08/99	ND	14	0.492
Arsenic	04/08/99	8.14	20	0.492
Barium	04/08/99	50.2	700	0.123
Beryllium	04/08/99	0.952	1	0.123
Cadmium	04/08/99	ND	1	0.123
Calcium	04/08/99	1200	NLE	4.916
Chromium	04/08/99	88.8	NLE	0.123
Cobalt	04/08/99	2.34	NLE	0.123
Copper	04/08/99	13.1	600	0.737
Iron	04/08/99	26000	NLE	2.458
Lead	04/08/99	44.3	400	0.492
Magnesium	04/08/99	3050	NLE	4.916
Manganese	04/08/99	57.7	NLE	0.123
Mercury	04/06/99	0.949	14	0.027
Nickel	04/08/99	12.6	250	0.123
Potassium	04/08/99	6610	NLE	4.916
Selenium	04/08/99	0.906	63	0.737
Silver	04/08/99	1.74	110	0.737
Sodium	04/08/99	145	NLE	4.916
Thallium	04/08/99	ND	2	0.737
Vanadium	04/08/99	65.0	370	0.246
Zinc	04/08/99	77.3	1500	0.246

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

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Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4382.30
Sample Received: 03/30/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-80, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/08/99	6640	NLE	2.158
Antimony	04/08/99	ND	14	0.432
Arsenic	04/08/99	7.27	20	0.432
Barium	04/08/99	16.3	700	0.108
Beryllium	04/08/99	0.620	1	0.108
Cadmium	04/08/99	ND	1	0.108
Calcium	04/08/99	1790	NLE	4.316
Chromium	04/08/99	68.4	NLE	0.108
Cobalt	04/08/99	1.10	NLE	0.108
Copper	04/08/99	9.16	600	0.647
Iron	04/08/99	18700	NLE	2.158
Lead	04/08/99	18.8	400	0.432
Magnesium	04/08/99	2530	NLE	4.316
Manganese	04/08/99	24.4	NLE	0.108
Mercury	04/06/99	0.112	14	0.022
Nickel	04/08/99	3.86	250	0.108
Potassium	04/08/99	5120	NLE	4.316
Selenium	04/08/99	ND	63	0.647
Silver	04/08/99	ND	110	0.647
Sodium	04/08/99	108	NLE	4.316
Thallium	04/08/99	ND	2	0.647
Vanadium	04/08/99	40.5	370	0.216
Zinc	04/08/99	37.2	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 #: 4382.32
Sample Received: 03/30/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-81, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/08/99	13000	NLE	2.437
Antimony	04/08/99	4.89	14	0.487
Arsenic	04/08/99	11.7	20	0.487
Barium	04/08/99	65.0	700	0.122
Beryllium	04/08/99	0.993	1	0.122
Cadmium	04/08/99	0.420	1	0.122
Calcium	04/08/99	2350	NLE	4.873
Chromium	04/08/99	106	NLE	0.122
Cobalt	04/08/99	2.79	NLE	0.122
Copper	04/08/99	20.6	600	0.731
Iron	04/08/99	38700	NLE	2.437
Lead	04/08/99	235	400	0.487
Magnesium	04/08/99	3520	NLE	4.873
Manganese	04/08/99	70.2	NLE	0.122
Mercury	04/06/99	0.495	14	0.027
Nickel	04/08/99	11.7	250	0.122
Potassium	04/08/99	7950	NLE	4.873
Selenium	04/08/99	ND	63	0.731
Silver	04/08/99	1.73	110	0.731
Sodium	04/08/99	223	NLE	4.873
Thallium	04/08/99	ND	2	0.731
Vanadium	04/08/99	59.8	370	0.244
Zinc	04/08/99	146	1500	0.244

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4382.34
Sample Received: 03/30/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-82, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/08/99	5160	NLE	1.953
Antimony	04/08/99	0.553	14	0.391
Arsenic	04/08/99	1.43	20	0.391
Barium	04/08/99	36.3	700	0.098
Beryllium	04/08/99	0.287	1	0.098
Cadmium	04/08/99	ND	1	0.098
Calcium	04/08/99	2420	NLE	3.905
Chromium	04/08/99	20.9	NLE	0.098
Cobalt	04/08/99	2.88	NLE	0.098
Copper	04/08/99	18.6	600	0.586
Iron	04/08/99	10700	NLE	1.953
Lead	04/08/99	62.9	400	0.391
Magnesium	04/08/99	1160	NLE	3.905
Manganese	04/08/99	46.5	NLE	0.098
Mercury	04/06/99	0.070	14	0.019
Nickel	04/08/99	10.5	250	0.098
Potassium	04/08/99	1370	NLE	3.905
Selenium	04/08/99	ND	63	0.586
Silver	04/08/99	ND	110	0.586
Sodium	04/08/99	236	NLE	3.905
Thallium	04/08/99	ND	2	0.586
Vanadium	04/08/99	16.4	370	0.195
Zinc	04/08/99	63.9	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 #: 4382.38
Sample Received: 03/30/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-83, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/08/99	21600	NLE	2.562
Antimony	04/08/99	ND	14	0.512
Arsenic	04/08/99	16.2	20	0.512
Barium	04/08/99	58.1	700	0.128
Beryllium	04/08/99	2.65	1	0.128
Cadmium	04/08/99	ND	1	0.128
Calcium	04/08/99	1510	NLE	5.123
Chromium	04/08/99	325	NLE	0.128
Cobalt	04/08/99	1.05	NLE	0.128
Copper	04/08/99	13.2	600	0.768
Iron	04/08/99	72400	NLE	2.562
Lead	04/08/99	25.0	400	0.512
Magnesium	04/08/99	10700	NLE	5.123
Manganese	04/08/99	21.7	NLE	0.128
Mercury	04/06/99	0.062	14	0.027
Nickel	04/08/99	6.70	250	0.128
Potassium	04/08/99	26400	NLE	5.123
Selenium	04/08/99	ND	63	0.768
Silver	04/08/99	ND	110	0.768
Sodium	04/08/99	107	NLE	5.123
Thallium	04/08/99	ND	2	0.768
Vanadium	04/08/99	105	370	0.256
Zinc	04/08/99	85.7	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 #: 4382.40
Sample Received: 03/30/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-84, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/08/99	9310	NLE	2.142
Antimony	04/08/99	0.461	14	0.428
Arsenic	04/08/99	8.42	20	0.428
Barium	04/08/99	38.1	700	0.107
Beryllium	04/08/99	0.981	1	0.107
Cadmium	04/08/99	ND	1	0.107
Calcium	04/08/99	515	NLE	4.283
Chromium	04/08/99	92.2	NLE	0.107
Cobalt	04/08/99	1.22	NLE	0.107
Copper	04/08/99	8.40	600	0.642
Iron	04/08/99	26300	NLE	2.142
Lead	04/08/99	39.8	400	0.428
Magnesium	04/08/99	2960	NLE	4.283
Manganese	04/08/99	27.7	NLE	0.107
Mercury	04/06/99	0.097	14	0.019
Nickel	04/08/99	6.52	250	0.107
Potassium	04/08/99	7010	NLE	4.283
Selenium	04/08/99	ND	63	0.642
Silver	04/08/99	ND	110	0.642
Sodium	04/08/99	108	NLE	4.283
Thallium	04/08/99	ND	2	0.642
Vanadium	04/08/99	44.4	370	0.214
Zinc	04/08/99	54.0	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 #: 4382.42
Sample Received: 03/30/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-85, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/08/99	6870	NLE	2.309
Antimony	04/08/99	88.4	14	0.462
Arsenic	04/08/99	97.8	20	0.462
Barium	04/08/99	447	700	0.115
Beryllium	04/08/99	20.0	1	0.115
Cadmium	04/08/99	9.24	1	0.115
Calcium	04/08/99	2200	NLE	4.618
Chromium	04/08/99	104	NLE	0.115
Cobalt	04/08/99	94.4	NLE	0.115
Copper	04/08/99	136	600	0.693
Iron	04/08/99	23600	NLE	2.309
Lead	04/08/99	314	400	0.462
Magnesium	04/08/99	1760	NLE	4.618
Manganese	04/08/99	172	NLE	0.115
Mercury	04/06/99	0.348	14	0.025
Nickel	04/08/99	103	250	0.115
Potassium	04/08/99	3960	NLE	4.618
Selenium	04/08/99	87.7	63	0.693
Silver	04/08/99	15.3	110	0.693
Sodium	04/08/99	89.6	NLE	4.618
Thallium	04/08/99	86.9	2	0.693
Vanadium	04/08/99	128	370	0.231
Zinc	04/08/99	311	1500	0.231

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4382.44
Sample Received: 03/30/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-86, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/08/99	7390	NLE	3.027
Antimony	04/08/99	122	14	0.605
Arsenic	04/08/99	130	20	0.605
Barium	04/08/99	569	700	0.151
Beryllium	04/08/99	25.7	1	0.151
Cadmium	04/08/99	12.7	1	0.151
Calcium	04/08/99	1280	NLE	6.054
Chromium	04/08/99	141	NLE	0.151
Cobalt	04/08/99	130	NLE	0.151
Copper	04/08/99	162	600	0.908
Iron	04/08/99	22400	NLE	3.027
Lead	04/08/99	158	400	0.605
Magnesium	04/08/99	2080	NLE	6.054
Manganese	04/08/99	171	NLE	0.151
Mercury	04/06/99	0.182	14	0.030
Nickel	04/08/99	138	250	0.151
Potassium	04/08/99	4810	NLE	6.054
Selenium	04/08/99	119	63	0.908
Silver	04/08/99	19.8	110	0.908
Sodium	04/08/99	200	NLE	6.054
Thallium	04/08/99	119	2	0.908
Vanadium	04/08/99	157	370	0.303
Zinc	04/08/99	330	1500	0.303

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4382.46
Sample Received: 03/30/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-87, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/08/99	13400	NLE	5.571
Antimony	04/08/99	3.00	14	1.114
Arsenic	04/08/99	10.4	20	1.114
Barium	04/08/99	162	700	0.279
Beryllium	04/08/99	0.491	1	0.279
Cadmium	04/08/99	1.25	1	0.279
Calcium	04/08/99	3190	NLE	11.142
Chromium	04/08/99	69.6	NLE	0.279
Cobalt	04/08/99	6.10	NLE	0.279
Copper	04/08/99	1030	600	1.671
Iron	04/08/99	40200	NLE	5.571
Lead	04/08/99	300	400	1.114
Magnesium	04/08/99	1630	NLE	11.142
Manganese	04/08/99	204	NLE	0.279
Mercury	04/06/99	3.361	14	0.053
Nickel	04/08/99	43.1	250	0.279
Potassium	04/08/99	1780	NLE	11.142
Selenium	04/08/99	ND	63	1.671
Silver	04/08/99	5.60	110	1.671
Sodium	04/08/99	241	NLE	11.142
Thallium	04/08/99	ND	2	1.671
Vanadium	04/08/99	42.6	370	0.557
Zinc	04/08/99	851	1500	0.557

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4382.48
Sample Received: 03/30/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-88, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/08/99	5840	NLE	2.171
Antimony	04/08/99	ND	14	0.434
Arsenic	04/08/99	9.29	20	0.434
Barium	04/08/99	29.4	700	0.109
Beryllium	04/08/99	0.612	1	0.109
Cadmium	04/08/99	0.241	1	0.109
Calcium	04/08/99	1580	NLE	4.341
Chromium	04/08/99	48.4	NLE	0.109
Cobalt	04/08/99	2.28	NLE	0.109
Copper	04/08/99	24.9	600	0.651
Iron	04/08/99	22200	NLE	2.171
Lead	04/08/99	68.5	400	0.434
Magnesium	04/08/99	2000	NLE	4.341
Manganese	04/08/99	218	NLE	0.109
Mercury	04/06/99	2.213	14	0.022
Nickel	04/08/99	8.43	250	0.109
Potassium	04/08/99	3650	NLE	4.341
Selenium	04/08/99	ND	63	0.651
Silver	04/08/99	ND	110	0.651
Sodium	04/08/99	177	NLE	4.341
Thallium	04/08/99	ND	2	0.651
Vanadium	04/08/99	29.4	370	0.217
Zinc	04/08/99	358	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 #: 4389.02
Sample Received: 03/29/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-89, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/08/99	10600	NLE	2.54
Antimony	04/08/99	6.90	14	0.507
Arsenic	04/08/99	9.65	20	0.507
Barium	04/08/99	40.7	700	0.127
Beryllium	04/08/99	1.11	1	0.127
Cadmium	04/08/99	ND	1	0.127
Calcium	04/08/99	2440	NLE	5.07
Chromium	04/08/99	85.1	NLE	0.127
Cobalt	04/08/99	3.06	NLE	0.127
Copper	04/08/99	14.5	600	0.761
Iron	04/08/99	31600	NLE	2.54
Lead	04/08/99	298	400	0.507
Magnesium	04/08/99	3470	NLE	5.07
Manganese	04/08/99	89.7	NLE	0.127
Mercury	04/06/99	0.154	14	0.026
Nickel	04/08/99	12.3	250	0.127
Potassium	04/08/99	6620	NLE	5.07
Selenium	04/08/99	ND	63	0.761
Silver	04/08/99	ND	110	0.761
Sodium	04/08/99	133	NLE	5.07
Thallium	04/08/99	ND	2	0.761
Vanadium	04/08/99	47.9	370	0.254
Zinc	04/08/99	302	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 #: 4389.04
Sample Received: 03/29/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-90, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/08/99	8310	NLE	2.17
Antimony	04/08/99	0.712	14	0.433
Arsenic	04/08/99	7.38	20	0.433
Barium	04/08/99	35.7	700	0.108
Beryllium	04/08/99	0.803	1	0.108
Cadmium	04/08/99	ND	1	0.11
Calcium	04/08/99	2470	NLE	4.330
Chromium	04/08/99	73.2	NLE	0.108
Cobalt	04/08/99	2.74	NLE	0.108
Copper	04/08/99	16.9	600	0.650
Iron	04/08/99	24400	NLE	2.17
Lead	04/08/99	94.4	400	0.433
Magnesium	04/08/99	2930	NLE	4.33
Manganese	04/08/99	72.1	NLE	0.108
Mercury	04/06/99	0.109	14	0.025
Nickel	04/08/99	10.2	250	0.108
Potassium	04/08/99	4980	NLE	4.33
Selenium	04/08/99	ND	63	0.650
Silver	04/08/99	ND	110	0.650
Sodium	04/08/99	126	NLE	4.33
Thallium	04/08/99	ND	2	0.650
Vanadium	04/08/99	46.8	370	0.217
Zinc	04/08/99	99.4	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 #: 4389.06
Sample Received: 03/29/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-91, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/08/99	8260	NLE	3.36
Antimony	04/08/99	1.62	14	0.671
Arsenic	04/08/99	2.84	20	0.671
Barium	04/08/99	303	700	0.168
Beryllium	04/08/99	ND	1	0.168
Cadmium	04/08/99	8.99	1	0.168
Calcium	04/08/99	4300	NLE	6.71
Chromium	04/08/99	31.4	NLE	0.168
Cobalt	04/08/99	1.64	NLE	0.168
Copper	04/08/99	321	600	1.007
Iron	04/08/99	14200	NLE	3.36
Lead	04/08/99	118	400	0.671
Magnesium	04/08/99	486	NLE	6.71
Manganese	04/08/99	87.6	NLE	0.168
Mercury	04/06/99	21.9	14	0.200
Nickel	04/08/99	7.60	250	0.168
Potassium	04/08/99	820	NLE	6.71
Selenium	04/08/99	ND	63	1.007
Silver	04/08/99	8.37	110	1.007
Sodium	04/08/99	266	NLE	6.71
Thallium	04/08/99	ND	2	1.007
Vanadium	04/08/99	13.1	370	0.336
Zinc	04/08/99	9550	1500	0.336

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4389.08
Sample Received: 03/29/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-92, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/08/99	19600	NLE	4.83
Antimony	04/08/99	1.60	14	0.966
Arsenic	04/08/99	17.7	20	0.966
Barium	04/08/99	88.8	700	0.241
Beryllium	04/08/99	1.87	1	0.241
Cadmium	04/08/99	ND	1	0.241
Calcium	04/08/99	2350	NLE	9.66
Chromium	04/08/99	162	NLE	0.241
Cobalt	04/08/99	4.49	NLE	0.241
Copper	04/08/99	38.6	600	1.449
Iron	04/08/99	51100	NLE	4.83
Lead	04/08/99	118	400	0.966
Magnesium	04/08/99	5650	NLE	9.66
Manganese	04/08/99	82.5	NLE	0.241
Mercury	04/06/99	0.801	14	0.052
Nickel	04/08/99	20.2	250	0.241
Potassium	04/08/99	11200	NLE	9.66
Selenium	04/08/99	ND	63	1.449
Silver	04/08/99	2.22	110	1.449
Sodium	04/08/99	772	NLE	9.66
Thallium	04/08/99	ND	2	1.449
Vanadium	04/08/99	98.8	370	0.483
Zinc	04/08/99	159	1500	0.483

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4389.10
Sample Received: 03/29/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-93, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/08/99	7630	NLE	2.45
Antimony	04/08/99	ND	14	0.489
Arsenic	04/08/99	8.52	20	0.489
Barium	04/08/99	51.2	700	0.122
Beryllium	04/08/99	1.09	1	0.122
Cadmium	04/08/99	ND	1	0.122
Calcium	04/08/99	2130	NLE	4.89
Chromium	04/08/99	104	NLE	0.122
Cobalt	04/08/99	1.37	NLE	0.122
Copper	04/08/99	10.0	600	0.734
Iron	04/08/99	27100	NLE	2.45
Lead	04/08/99	30.9	400	0.489
Magnesium	04/08/99	3240	NLE	4.89
Manganese	04/08/99	38.2	NLE	0.122
Mercury	04/06/99	0.111	14	0.023
Nickel	04/08/99	7.48	250	0.122
Potassium	04/08/99	7430	NLE	4.89
Selenium	04/08/99	ND	63	0.734
Silver	04/08/99	ND	110	0.734
Sodium	04/08/99	100	NLE	4.89
Thallium	04/08/99	ND	2	0.734
Vanadium	04/08/99	43.4	370	0.245
Zinc	04/08/99	71.9	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 #: 4389.12
Sample Received: 03/29/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-94, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/08/99	17200	NLE	2.34
Antimony	04/08/99	0.482	14	0.469
Arsenic	04/08/99	10.3	20	0.469
Barium	04/08/99	86.1	700	0.117
Beryllium	04/08/99	1.84	1	0.117
Cadmium	04/08/99	ND	1	0.117
Calcium	04/08/99	2740	NLE	4.69
Chromium	04/08/99	168	NLE	0.117
Cobalt	04/08/99	3.64	NLE	0.117
Copper	04/08/99	10.3	600	0.703
Iron	04/08/99	36200	NLE	2.34
Lead	04/08/99	49.2	400	0.469
Magnesium	04/08/99	5390	NLE	4.69
Manganese	04/08/99	51.8	NLE	0.117
Mercury	04/06/99	0.246	14	0.025
Nickel	04/08/99	13.3	250	0.117
Potassium	04/08/99	11800	NLE	4.69
Selenium	04/08/99	0.730	63	0.703
Silver	04/08/99	2.38	110	0.703
Sodium	04/08/99	117	NLE	4.69
Thallium	04/08/99	ND	2	0.703
Vanadium	04/08/99	74.7	370	0.234
Zinc	04/08/99	180	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 #: 4389.14
Sample Received: 03/29/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-95, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/08/99	8990	NLE	2.14
Antimony	04/08/99	ND	14	0.429
Arsenic	04/08/99	7.47	20	0.429
Barium	04/08/99	23.1	700	0.107
Beryllium	04/08/99	0.981	1	0.107
Cadmium	04/08/99	ND	1	0.107
Calcium	04/08/99	373	NLE	4.29
Chromium	04/08/99	101	NLE	0.107
Cobalt	04/08/99	0.984	NLE	0.107
Copper	04/08/99	3.52	600	0.643
Iron	04/08/99	26600	NLE	2.14
Lead	04/08/99	9.51	400	0.429
Magnesium	04/08/99	3210	NLE	4.29
Manganese	04/08/99	22.5	NLE	0.107
Mercury	04/06/99	ND	14	0.022
Nickel	04/08/99	4.05	250	0.107
Potassium	04/08/99	7510	NLE	4.29
Selenium	04/08/99	ND	63	0.643
Silver	04/08/99	ND	110	0.643
Sodium	04/08/99	107	NLE	4.29
Thallium	04/08/99	ND	2	0.643
Vanadium	04/08/99	46.7	370	0.214
Zinc	04/08/99	39.3	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 #: 4389.16
Sample Received: 03/29/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-96, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/08/99	11300	NLE	2.15
Antimony	04/08/99	ND	14	0.431
Arsenic	04/08/99	11.2	20	0.431
Barium	04/08/99	67.4	700	0.108
Beryllium	04/08/99	1.41	1	0.108
Cadmium	04/08/99	ND	1	0.108
Calcium	04/08/99	2490	NLE	4.31
Chromium	04/08/99	137	NLE	0.108
Cobalt	04/08/99	2.14	NLE	0.108
Copper	04/08/99	12.5	600	0.646
Iron	04/08/99	34300	NLE	2.15
Lead	04/08/99	26.6	400	0.431
Magnesium	04/08/99	4400	NLE	4.31
Manganese	04/08/99	53.4	NLE	0.108
Mercury	04/06/99	0.183	14	0.023
Nickel	04/08/99	9.60	250	0.108
Potassium	04/08/99	9320	NLE	4.31
Selenium	04/08/99	ND	63	0.646
Silver	04/08/99	2.03	110	0.646
Sodium	04/08/99	158	NLE	4.31
Thallium	04/08/99	ND	2	0.646
Vanadium	04/08/99	64.4	370	0.215
Zinc	04/08/99	143	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 #: 4389.18
Sample Received: 03/29/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-97, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/08/99	8190	NLE	2.31
Antimony	04/08/99	0.539	14	0.461
Arsenic	04/08/99	9.81	20	0.461
Barium	04/08/99	47.2	700	0.115
Beryllium	04/08/99	0.947	1	0.115
Cadmium	04/08/99	ND	1	0.115
Calcium	04/08/99	1590	NLE	4.61
Chromium	04/08/99	83.0	NLE	0.115
Cobalt	04/08/99	2.09	NLE	0.115
Copper	04/08/99	23.5	600	0.692
Iron	04/08/99	30000	NLE	2.31
Lead	04/08/99	50.3	400	0.461
Magnesium	04/08/99	2550	NLE	4.61
Manganese	04/08/99	112	NLE	0.115
Mercury	04/06/99	0.508	14	0.027
Nickel	04/08/99	8.47	250	0.115
Potassium	04/08/99	5790	NLE	4.61
Selenium	04/08/99	ND	63	0.692
Silver	04/08/99	2.43	110	0.692
Sodium	04/08/99	131	NLE	4.61
Thallium	04/08/99	ND	2	0.692
Vanadium	04/08/99	48.2	370	0.231
Zinc	04/08/99	204	1500	0.231

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4389.20
Sample Received: 03/29/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-98, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/08/99	10600	NLE	2.15
Antimony	04/08/99	ND	14	0.431
Arsenic	04/08/99	7.72	20	0.431
Barium	04/08/99	37.4	700	0.108
Beryllium	04/08/99	1.01	1	0.108
Cadmium	04/08/99	ND	1	0.108
Calcium	04/08/99	3170	NLE	4.31
Chromium	04/08/99	70.2	NLE	0.108
Cobalt	04/08/99	4.85	NLE	0.108
Copper	04/08/99	18.8	600	0.646
Iron	04/08/99	29000	NLE	2.15
Lead	04/08/99	70.9	400	0.431
Magnesium	04/08/99	3510	NLE	4.31
Manganese	04/08/99	114	NLE	0.108
Mercury	04/06/99	0.175	14	0.023
Nickel	04/08/99	13.4	250	0.108
Potassium	04/08/99	4290	NLE	4.31
Selenium	04/08/99	ND	63	0.646
Silver	04/08/99	ND	110	0.646
Sodium	04/08/99	186	NLE	4.31
Thallium	04/08/99	ND	2	0.646
Vanadium	04/08/99	61.2	370	0.215
Zinc	04/08/99	116	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 #: 4389.22
Sample Received: 03/29/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-99, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/08/99	8450	NLE	2.65
Antimony	04/08/99	152	14	0.530
Arsenic	04/08/99	12.6	20	0.530
Barium	04/08/99	42.4	700	0.132
Beryllium	04/08/99	0.824	1	0.132
Cadmium	04/08/99	ND	1	0.132
Calcium	04/08/99	2390	NLE	5.30
Chromium	04/08/99	71.6	NLE	0.132
Cobalt	04/08/99	4.73	NLE	0.132
Copper	04/08/99	17.5	600	0.794
Iron	04/08/99	47000	NLE	2.65
Lead	04/08/99	298	400	0.530
Magnesium	04/08/99	2390	NLE	5.30
Manganese	04/08/99	168	NLE	0.132
Mercury	04/06/99	0.177	14	0.025
Nickel	04/08/99	21.4	250	0.132
Potassium	04/08/99	4530	NLE	5.30
Selenium	04/08/99	ND	63	0.794
Silver	04/08/99	ND	110	0.794
Sodium	04/08/99	123	NLE	5.30
Thallium	04/08/99	ND	2	0.794
Vanadium	04/08/99	75.1	370	0.265
Zinc	04/08/99	622	1500	0.265

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4389.24
Sample Received: 03/29/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-100, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/08/99	9740	NLE	2.38
Antimony	04/08/99	0.975	14	0.476
Arsenic	04/08/99	7.94	20	0.476
Barium	04/08/99	43.7	700	0.119
Beryllium	04/08/99	1.24	1	0.119
Cadmium	04/08/99	ND	1	0.119
Calcium	04/08/99	876	NLE	4.76
Chromium	04/08/99	92.7	NLE	0.119
Cobalt	04/08/99	2.61	NLE	0.119
Copper	04/08/99	11.8	600	0.714
Iron	04/08/99	25800	NLE	2.38
Lead	04/08/99	79.7	400	0.476
Magnesium	04/08/99	3000	NLE	4.76
Manganese	04/08/99	41.2	NLE	0.119
Mercury	04/06/99	0.105	14	0.022
Nickel	04/08/99	9.37	250	0.119
Potassium	04/08/99	6500	NLE	4.76
Selenium	04/08/99	ND	63	0.714
Silver	04/08/99	ND	110	0.714
Sodium	04/08/99	116	NLE	4.76
Thallium	04/08/99	ND	2	0.714
Vanadium	04/08/99	53.1	370	0.238
Zinc	04/08/99	110	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 #: 4389.26
Sample Received: 03/29/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-101, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/08/99	11300	NLE	2.20
Antimony	04/08/99	ND	14	0.440
Arsenic	04/08/99	10.9	20	0.440
Barium	04/08/99	34.2	700	0.110
Beryllium	04/08/99	0.932	1	0.110
Cadmium	04/08/99	ND	1	0.110
Calcium	04/08/99	1700	NLE	4.40
Chromium	04/08/99	82.7	NLE	0.110
Cobalt	04/08/99	3.24	NLE	0.110
Copper	04/08/99	11.2	600	0.660
Iron	04/08/99	36200	NLE	2.20
Lead	04/08/99	129	400	0.440
Magnesium	04/08/99	1520	NLE	4.40
Manganese	04/08/99	127	NLE	0.110
Mercury	04/06/99	0.154	14	0.025
Nickel	04/08/99	12.3	250	0.110
Potassium	04/08/99	3380	NLE	4.40
Selenium	04/08/99	ND	63	0.660
Silver	04/08/99	ND	110	0.660
Sodium	04/08/99	150	NLE	4.40
Thallium	04/08/99	ND	2	0.660
Vanadium	04/08/99	105	370	0.220
Zinc	04/08/99	281	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 #: 4389.28
Sample Received: 03/29/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-102, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/08/99	8510	NLE	2.22
Antimony	04/08/99	ND	14	0.443
Arsenic	04/08/99	8.28	20	0.443
Barium	04/08/99	30.3	700	0.111
Beryllium	04/08/99	0.961	1	0.111
Cadmium	04/08/99	ND	1	0.111
Calcium	04/08/99	1380	NLE	4.43
Chromium	04/08/99	94.3	NLE	0.111
Cobalt	04/08/99	1.69	NLE	0.111
Copper	04/08/99	4.88	600	0.665
Iron	04/08/99	25300	NLE	2.22
Lead	04/08/99	17.9	400	0.443
Magnesium	04/08/99	3000	NLE	4.43
Manganese	04/08/99	30.6	NLE	0.111
Mercury	04/06/99	0.058	14	0.024
Nickel	04/08/99	7.53	250	0.111
Potassium	04/08/99	6790	NLE	4.43
Selenium	04/08/99	ND	63	0.665
Silver	04/08/99	ND	110	0.665
Sodium	04/08/99	220	NLE	4.43
Thallium	04/08/99	ND	2	0.665
Vanadium	04/08/99	41.3	370	0.222
Zinc	04/08/99	55.9	1500	0.222

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4389.30
Sample Received: 03/29/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-103, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/08/99	9250	NLE	2.89
Antimony	04/08/99	3.13	14	0.577
Arsenic	04/08/99	12.7	20	0.577
Barium	04/08/99	57.1	700	0.144
Beryllium	04/08/99	0.89	1	0.144
Cadmium	04/08/99	0.309	1	0.144
Calcium	04/08/99	5510	NLE	5.77
Chromium	04/08/99	88.4	NLE	0.144
Cobalt	04/08/99	2.98	NLE	0.144
Copper	04/08/99	31.1	600	0.866
Iron	04/08/99	27400	NLE	2.89
Lead	04/08/99	637	400	0.577
Magnesium	04/08/99	2910	NLE	5.77
Manganese	04/08/99	86.7	NLE	0.144
Mercury	04/06/99	0.362	14	0.028
Nickel	04/08/99	14.0	250	0.144
Potassium	04/08/99	5560	NLE	5.77
Selenium	04/08/99	ND	63	0.866
Silver	04/08/99	1.16	110	0.866
Sodium	04/08/99	145	NLE	5.77
Thallium	04/08/99	ND	2	0.866
Vanadium	04/08/99	77.1	370	0.289
Zinc	04/08/99	424	1500	0.289

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4394.02
Sample Received: 04/05/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-104, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/20/99	15800	NLE	3.239
Antimony	04/20/99	16.4	14	0.648
Arsenic	04/20/99	11.4	20	0.648
Barium	04/20/99	135	700	0.162
Beryllium	04/20/99	0.971	1	0.162
Cadmium	04/20/99	0.589	1	0.162
Calcium	04/20/99	17200	NLE	6.479
Chromium	04/20/99	99.4	NLE	0.162
Cobalt	04/20/99	6.85	NLE	0.162
Copper	04/20/99	88.3	600	0.972
Iron	04/20/99	29000	NLE	3.239
Lead	04/20/99	1010	400	0.648
Magnesium	04/20/99	3420	NLE	6.479
Manganese	04/20/99	141	NLE	0.162
Mercury	04/08/99	0.826	14	0.036
Nickel	04/20/99	13.1	250	0.162
Potassium	04/20/99	8110	NLE	6.479
Selenium	04/20/99	1.09	63	0.972
Silver	04/20/99	27.0	110	0.972
Sodium	04/20/99	7940	NLE	6.479
Thallium	04/20/99	ND	2	0.972
Vanadium	04/20/99	62.0	370	0.324
Zinc	04/20/99	1010	1500	0.324

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4394.04
Sample Received: 04/05/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-105, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/20/99	18500	NLE	2.425
Antimony	04/20/99	ND	14	0.485
Arsenic	04/20/99	15.4	20	0.485
Barium	04/20/99	123	700	0.121
Beryllium	04/20/99	1.70	1	0.121
Cadmium	04/20/99	ND	1	0.121
Calcium	04/20/99	1560	NLE	4.850
Chromium	04/20/99	208	NLE	0.121
Cobalt	04/20/99	1.96	NLE	0.121
Copper	04/20/99	33.5	600	0.728
Iron	04/20/99	52200	NLE	2.425
Lead	04/20/99	146	400	0.485
Magnesium	04/20/99	6690	NLE	4.850
Manganese	04/20/99	40.4	NLE	0.121
Mercury	04/08/99	0.259	14	0.023
Nickel	04/20/99	8.59	250	0.121
Potassium	04/20/99	18400	NLE	4.850
Selenium	04/20/99	1.10	63	0.728
Silver	04/20/99	6.50	110	0.728
Sodium	04/20/99	3170	NLE	4.850
Thallium	04/20/99	ND	2	0.728
Vanadium	04/20/99	96.0	370	0.243
Zinc	04/20/99	133	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 #: 4394.06
Sample Received: 04/05/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-106, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/20/99	12500	NLE	2.485
Antimony	04/20/99	ND	14	0.497
Arsenic	04/20/99	7.56	20	0.497
Barium	04/20/99	79.7	700	0.124
Beryllium	04/20/99	0.855	1	0.124
Cadmium	04/20/99	0.316	1	0.124
Calcium	04/20/99	1650	NLE	4.969
Chromium	04/20/99	81.1	NLE	0.124
Cobalt	04/20/99	2.31	NLE	0.124
Copper	04/20/99	15.1	600	0.745
Iron	04/20/99	22900	NLE	2.485
Lead	04/20/99	65.7	400	0.497
Magnesium	04/20/99	2300	NLE	4.969
Manganese	04/20/99	73.1	NLE	0.124
Mercury	04/08/99	0.195	14	0.024
Nickel	04/20/99	10.1	250	0.124
Potassium	04/20/99	5470	NLE	4.969
Selenium	04/20/99	ND	63	0.745
Silver	04/20/99	4.54	110	0.745
Sodium	04/20/99	1570	NLE	4.969
Thallium	04/20/99	ND	2	0.745
Vanadium	04/20/99	49.0	370	0.248
Zinc	04/20/99	108	1500	0.248

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4394.08
Sample Received: 04/05/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-107, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/20/99	11700	NLE	2.258
Antimony	04/20/99	2.37	14	0.452
Arsenic	04/20/99	10.4	20	0.452
Barium	04/20/99	48.7	700	0.113
Beryllium	04/20/99	0.807	1	0.113
Cadmium	04/20/99	0.761	1	0.113
Calcium	04/20/99	1940	NLE	4.516
Chromium	04/20/99	92.3	NLE	0.113
Cobalt	04/20/99	2.25	NLE	0.113
Copper	04/20/99	35.4	600	0.677
Iron	04/20/99	26000	NLE	2.258
Lead	04/20/99	158	400	0.452
Magnesium	04/20/99	2950	NLE	4.516
Manganese	04/20/99	74.6	NLE	0.113
Mercury	04/08/99	0.098	14	0.027
Nickel	04/20/99	8.26	250	0.113
Potassium	04/20/99	6010	NLE	4.516
Selenium	04/20/99	ND	63	0.677
Silver	04/20/99	1.19	110	0.677
Sodium	04/20/99	932	NLE	4.516
Thallium	04/20/99	ND	2	0.677
Vanadium	04/20/99	57.2	370	0.226
Zinc	04/20/99	166	1500	0.226

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
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Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4394.10
Sample Received: 04/05/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-108, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/20/99	11300	NLE	2.193
Antimony	04/20/99	ND	14	0.439
Arsenic	04/20/99	7.67	20	0.439
Barium	04/20/99	59.6	700	0.110
Beryllium	04/20/99	0.896	1	0.110
Cadmium	04/20/99	ND	1	0.110
Calcium	04/20/99	1860	NLE	4.386
Chromium	04/20/99	80.7	NLE	0.110
Cobalt	04/20/99	2.47	NLE	0.110
Copper	04/20/99	34.4	600	0.658
Iron	04/20/99	22700	NLE	2.193
Lead	04/20/99	58.2	400	0.439
Magnesium	04/20/99	2490	NLE	4.386
Manganese	04/20/99	49.9	NLE	0.110
Mercury	04/08/99	0.145	14	0.025
Nickel	04/20/99	8.22	250	0.110
Potassium	04/20/99	4950	NLE	4.386
Selenium	04/20/99	ND	63	0.658
Silver	04/20/99	5.28	110	0.658
Sodium	04/20/99	1020	NLE	4.386
Thallium	04/20/99	ND	2	0.658
Vanadium	04/20/99	45.2	370	0.219
Zinc	04/20/99	56.1	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 #: 4394.12
Sample Received: 04/05/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-109, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/20/99	7480	NLE	2.401
Antimony	04/20/99	ND	14	0.480
Arsenic	04/20/99	4.87	20	0.480
Barium	04/20/99	35.1	700	0.120
Beryllium	04/20/99	0.569	1	0.120
Cadmium	04/20/99	ND	1	0.120
Calcium	04/20/99	2660	NLE	4.803
Chromium	04/20/99	115	NLE	0.120
Cobalt	04/20/99	2.45	NLE	0.120
Copper	04/20/99	15.2	600	0.720
Iron	04/20/99	17600	NLE	2.401
Lead	04/20/99	293	400	0.480
Magnesium	04/20/99	1920	NLE	4.803
Manganese	04/20/99	63.9	NLE	0.120
Mercury	04/08/99	0.103	14	0.025
Nickel	04/20/99	6.19	250	0.120
Potassium	04/20/99	3730	NLE	4.803
Selenium	04/20/99	ND	63	0.720
Silver	04/20/99	1.58	110	0.720
Sodium	04/20/99	602	NLE	4.803
Thallium	04/20/99	ND	2	0.720
Vanadium	04/20/99	34.4	370	0.240
Zinc	04/20/99	51.5	1500	0.240

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4394.14
Sample Received: 04/05/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-110, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/20/99	9860	NLE	2.413
Antimony	04/20/99	1.04	14	0.483
Arsenic	04/20/99	12.3	20	0.483
Barium	04/20/99	67.2	700	0.121
Beryllium	04/20/99	0.591	1	0.121
Cadmium	04/20/99	0.814	1	0.121
Calcium	04/20/99	3590	NLE	4.825
Chromium	04/20/99	60.4	NLE	0.121
Cobalt	04/20/99	2.83	NLE	0.121
Copper	04/20/99	24.6	600	0.724
Iron	04/20/99	33000	NLE	2.413
Lead	04/20/99	266	400	0.483
Magnesium	04/20/99	1980	NLE	4.825
Manganese	04/20/99	86.9	NLE	0.121
Mercury	04/08/99	0.192	14	0.025
Nickel	04/20/99	10.6	250	0.121
Potassium	04/20/99	4490	NLE	4.825
Selenium	04/20/99	0.772	63	0.724
Silver	04/20/99	ND	110	0.724
Sodium	04/20/99	647	NLE	4.825
Thallium	04/20/99	ND	2	0.724
Vanadium	04/20/99	45.6	370	0.241
Zinc	04/20/99	185	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 #: 4394.16
Sample Received: 04/05/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-111, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/20/99	15100	NLE	2.094
Antimony	04/20/99	ND	14	0.419
Arsenic	04/20/99	12.4	20	0.419
Barium	04/20/99	64.4	700	0.105
Beryllium	04/20/99	1.40	1	0.105
Cadmium	04/20/99	ND	1	0.105
Calcium	04/20/99	1360	NLE	4.187
Chromium	04/20/99	157	NLE	0.105
Cobalt	04/20/99	1.52	NLE	0.105
Copper	04/20/99	25.6	600	0.628
Iron	04/20/99	39900	NLE	2.094
Lead	04/20/99	44.1	400	0.419
Magnesium	04/20/99	5270	NLE	4.187
Manganese	04/20/99	27.4	NLE	0.105
Mercury	04/08/99	0.128	14	0.025
Nickel	04/20/99	6.28	250	0.105
Potassium	04/20/99	13700	NLE	4.187
Selenium	04/20/99	1.20	63	0.628
Silver	04/20/99	ND	110	0.628
Sodium	04/20/99	507	NLE	4.187
Thallium	04/20/99	ND	2	0.628
Vanadium	04/20/99	71.7	370	0.209
Zinc	04/20/99	58.6	1500	0.209

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
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Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4394.18
Sample Received: 04/05/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-112, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/20/99	8570	NLE	2.260
Antimony	04/20/99	0.496	14	0.452
Arsenic	04/20/99	8.65	20	0.452
Barium	04/20/99	32.3	700	0.113
Beryllium	04/20/99	0.789	1	0.113
Cadmium	04/20/99	0.156	1	0.113
Calcium	04/20/99	810	NLE	4.520
Chromium	04/20/99	74.9	NLE	0.113
Cobalt	04/20/99	2.68	NLE	0.113
Copper	04/20/99	31.3	600	0.678
Iron	04/20/99	24100	NLE	2.260
Lead	04/20/99	50.9	400	0.452
Magnesium	04/20/99	2180	NLE	4.520
Manganese	04/20/99	66.3	NLE	0.113
Mercury	04/08/99	4.776	14	0.046
Nickel	04/20/99	7.24	250	0.113
Potassium	04/20/99	5650	NLE	4.520
Selenium	04/20/99	ND	63	0.678
Silver	04/20/99	ND	110	0.678
Sodium	04/20/99	339	NLE	4.520
Thallium	04/20/99	ND	2	0.678
Vanadium	04/20/99	47.9	370	0.226
Zinc	04/20/99	71.4	1500	0.226

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4394.20
Sample Received: 04/05/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-113, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/20/99	13400	NLE	2.329
Antimony	04/20/99	ND	14	0.466
Arsenic	04/20/99	16.0	20	0.466
Barium	04/20/99	61.2	700	0.116
Beryllium	04/20/99	1.45	1	0.116
Cadmium	04/20/99	ND	1	0.116
Calcium	04/20/99	1210	NLE	4.658
Chromium	04/20/99	172	NLE	0.116
Cobalt	04/20/99	1.73	NLE	0.116
Copper	04/20/99	21.3	600	0.699
Iron	04/20/99	43700	NLE	2.329
Lead	04/20/99	47.7	400	0.466
Magnesium	04/20/99	5620	NLE	4.658
Manganese	04/20/99	33.2	NLE	0.116
Mercury	04/08/99	0.171	14	0.025
Nickel	04/20/99	7.13	250	0.116
Potassium	04/20/99	13800	NLE	4.658
Selenium	04/20/99	1.14	63	0.699
Silver	04/20/99	ND	110	0.699
Sodium	04/20/99	581	NLE	4.658
Thallium	04/20/99	ND	2	0.699
Vanadium	04/20/99	69.7	370	0.233
Zinc	04/20/99	59.2	1500	0.233

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

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Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4394.22
Sample Received: 04/05/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-114, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/20/99	11300	NLE	2.315
Antimony	04/20/99	ND	14	0.463
Arsenic	04/20/99	7.84	20	0.463
Barium	04/20/99	36.0	700	0.116
Beryllium	04/20/99	0.734	1	0.116
Cadmium	04/20/99	ND	1	0.116
Calcium	04/20/99	618	NLE	4.630
Chromium	04/20/99	77.0	NLE	0.116
Cobalt	04/20/99	2.00	NLE	0.116
Copper	04/20/99	9.57	600	0.695
Iron	04/20/99	24100	NLE	2.315
Lead	04/20/99	33.9	400	0.463
Magnesium	04/20/99	2370	NLE	4.630
Manganese	04/20/99	57.3	NLE	0.116
Mercury	04/08/99	0.132	14	0.023
Nickel	04/20/99	5.56	250	0.116
Potassium	04/20/99	5870	NLE	4.630
Selenium	04/20/99	ND	63	0.695
Silver	04/20/99	ND	110	0.695
Sodium	04/20/99	265	NLE	4.630
Thallium	04/20/99	ND	2	0.695
Vanadium	04/20/99	54.2	370	0.232
Zinc	04/20/99	37.3	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 #: 4394.26
Sample Received: 04/05/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-115, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/20/99	9530	NLE	2.251
Antimony	04/20/99	0.865	14	0.450
Arsenic	04/20/99	12.6	20	0.450
Barium	04/20/99	82.9	700	0.113
Beryllium	04/20/99	0.561	1	0.113
Cadmium	04/20/99	0.584	1	0.113
Calcium	04/20/99	4530	NLE	4.502
Chromium	04/20/99	114	NLE	0.113
Cobalt	04/20/99	6.71	NLE	0.113
Copper	04/20/99	50.6	600	0.675
Iron	04/20/99	89300	NLE	2.251
Lead	04/20/99	170	400	0.450
Magnesium	04/20/99	1790	NLE	4.502
Manganese	04/20/99	779	NLE	0.113
Mercury	04/08/99	0.361	14	0.024
Nickel	04/20/99	21.3	250	0.113
Potassium	04/20/99	3900	NLE	4.502
Selenium	04/20/99	0.841	63	0.675
Silver	04/20/99	6.58	110	0.675
Sodium	04/20/99	310	NLE	4.502
Thallium	04/20/99	ND	2	0.675
Vanadium	04/20/99	36.9	370	0.225
Zinc	04/20/99	449	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 #: 4394.28
Sample Received: 04/05/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-116, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/20/99	13900	NLE	2.282
Antimony	04/20/99	ND	14	0.456
Arsenic	04/20/99	11.3	20	0.456
Barium	04/20/99	51.4	700	0.114
Beryllium	04/20/99	1.26	1	0.114
Cadmium	04/20/99	0.641	1	0.114
Calcium	04/20/99	2780	NLE	4.564
Chromium	04/20/99	123	NLE	0.114
Cobalt	04/20/99	3.39	NLE	0.114
Copper	04/20/99	20.6	600	0.685
Iron	04/20/99	34700	NLE	2.282
Lead	04/20/99	56.6	400	0.456
Magnesium	04/20/99	4020	NLE	4.564
Manganese	04/20/99	85.6	NLE	0.114
Mercury	04/08/99	0.078	14	0.024
Nickel	04/20/99	9.49	250	0.114
Potassium	04/20/99	9450	NLE	4.564
Selenium	04/20/99	0.943	63	0.685
Silver	04/20/99	ND	110	0.685
Sodium	04/20/99	311	NLE	4.564
Thallium	04/20/99	ND	2	0.685
Vanadium	04/20/99	60.3	370	0.228
Zinc	04/20/99	78.4	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 #: 4394.30
Sample Received: 04/05/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-117, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/20/99	14300	NLE	2.363
Antimony	04/20/99	1.80	14	0.473
Arsenic	04/20/99	12.5	20	0.473
Barium	04/20/99	78.1	700	0.118
Beryllium	04/20/99	1.54	1	0.118
Cadmium	04/20/99	1.68	1	0.118
Calcium	04/20/99	10400	NLE	4.727
Chromium	04/20/99	95.7	NLE	0.118
Cobalt	04/20/99	2.58	NLE	0.118
Copper	04/20/99	28.7	600	0.709
Iron	04/20/99	27800	NLE	2.363
Lead	04/20/99	77.6	400	0.473
Magnesium	04/20/99	7320	NLE	4.727
Manganese	04/20/99	136	NLE	0.118
Mercury	04/08/99	0.130	14	0.023
Nickel	04/20/99	9.24	250	0.118
Potassium	04/20/99	7530	NLE	4.727
Selenium	04/20/99	ND	63	0.709
Silver	04/20/99	ND	110	0.709
Sodium	04/20/99	346	NLE	4.727
Thallium	04/20/99	ND	2	0.709
Vanadium	04/20/99	50.0	370	0.236
Zinc	04/20/99	146	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 #: 4394.32
Sample Received: 04/05/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-118, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/20/99	6990	NLE	2.343
Antimony	04/20/99	ND	14	0.469
Arsenic	04/20/99	9.08	20	0.469
Barium	04/20/99	38.9	700	0.117
Beryllium	04/20/99	0.737	1	0.117
Cadmium	04/20/99	ND	1	0.117
Calcium	04/20/99	1170	NLE	4.686
Chromium	04/20/99	66.4	NLE	0.117
Cobalt	04/20/99	1.71	NLE	0.117
Copper	04/20/99	10.9	600	0.703
Iron	04/20/99	18900	NLE	2.343
Lead	04/20/99	43.8	400	0.469
Magnesium	04/20/99	1860	NLE	4.686
Manganese	04/20/99	21.6	NLE	0.117
Mercury	04/08/99	0.130	14	0.025
Nickel	04/20/99	6.05	250	0.117
Potassium	04/20/99	4860	NLE	4.686
Selenium	04/20/99	ND	63	0.703
Silver	04/20/99	ND	110	0.703
Sodium	04/20/99	178	NLE	4.686
Thallium	04/20/99	ND	2	0.703
Vanadium	04/20/99	34.9	370	0.234
Zinc	04/20/99	63.4	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 #: 4394.34
Sample Received: 04/05/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-119, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/20/99	11600	NLE	2.232
Antimony	04/20/99	1.08	14	0.446
Arsenic	04/20/99	13.9	20	0.446
Barium	04/20/99	50.6	700	0.112
Beryllium	04/20/99	0.948	1	0.112
Cadmium	04/20/99	0.255	1	0.112
Calcium	04/20/99	1600	NLE	4.465
Chromium	04/20/99	115	NLE	0.112
Cobalt	04/20/99	2.13	NLE	0.112
Copper	04/20/99	70.4	600	0.670
Iron	04/20/99	47000	NLE	2.232
Lead	04/20/99	126	400	0.446
Magnesium	04/20/99	3650	NLE	4.465
Manganese	04/20/99	76.4	NLE	0.112
Mercury	04/08/99	0.209	14	0.024
Nickel	04/20/99	9.79	250	0.112
Potassium	04/20/99	8570	NLE	4.465
Selenium	04/20/99	0.986	63	0.670
Silver	04/20/99	ND	110	0.670
Sodium	04/20/99	297	NLE	4.465
Thallium	04/20/99	ND	2	0.670
Vanadium	04/20/99	55.7	370	0.223
Zinc	04/20/99	356	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 #: 4394.36
Sample Received: 04/05/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-120, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/20/99	6710	NLE	2.308
Antimony	04/20/99	0.821	14	0.462
Arsenic	04/20/99	7.83	20	0.462
Barium	04/20/99	11.2	700	0.115
Beryllium	04/20/99	0.529	1	0.115
Cadmium	04/20/99	0.935	1	0.115
Calcium	04/20/99	1530	NLE	4.617
Chromium	04/20/99	76.7	NLE	0.115
Cobalt	04/20/99	1.80	NLE	0.115
Copper	04/20/99	19.9	600	0.693
Iron	04/20/99	26600	NLE	2.308
Lead	04/20/99	23.7	400	0.462
Magnesium	04/20/99	1400	NLE	4.617
Manganese	04/20/99	41.9	NLE	0.115
Mercury	04/08/99	0.025	14	0.021
Nickel	04/20/99	8.70	250	0.115
Potassium	04/20/99	4520	NLE	4.617
Selenium	04/20/99	ND	63	0.693
Silver	04/20/99	ND	110	0.693
Sodium	04/20/99	182	NLE	4.617
Thallium	04/20/99	ND	2	0.693
Vanadium	04/20/99	100	370	0.231
Zinc	04/20/99	68.6	1500	0.231

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4394.38
Sample Received: 04/05/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-121, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/20/99	11600	NLE	2.291
Antimony	04/20/99	ND	14	0.458
Arsenic	04/20/99	9.84	20	0.458
Barium	04/20/99	56.2	700	0.115
Beryllium	04/20/99	1.08	1	0.115
Cadmium	04/20/99	ND	1	0.115
Calcium	04/20/99	2810	NLE	4.582
Chromium	04/20/99	77.8	NLE	0.115
Cobalt	04/20/99	2.79	NLE	0.115
Copper	04/20/99	45.4	600	0.687
Iron	04/20/99	32900	NLE	2.291
Lead	04/20/99	159	400	0.458
Magnesium	04/20/99	2930	NLE	4.582
Manganese	04/20/99	54.0	NLE	0.115
Mercury	04/08/99	0.121	14	0.020
Nickel	04/20/99	7.69	250	0.115
Potassium	04/20/99	7210	NLE	4.582
Selenium	04/20/99	0.720	63	0.687
Silver	04/20/99	ND	110	0.687
Sodium	04/20/99	180	NLE	4.582
Thallium	04/20/99	ND	2	0.687
Vanadium	04/20/99	44.7	370	0.229
Zinc	04/20/99	139	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 #: 4394.40
Sample Received: 04/05/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-122, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/20/99	13300	NLE	2.193
Antimony	04/20/99	ND	14	0.439
Arsenic	04/20/99	7.08	20	0.439
Barium	04/20/99	55.0	700	0.110
Beryllium	04/20/99	1.34	1	0.110
Cadmium	04/20/99	ND	1	0.110
Calcium	04/20/99	2380	NLE	4.385
Chromium	04/20/99	75.7	NLE	0.110
Cobalt	04/20/99	3.80	NLE	0.110
Copper	04/20/99	12.0	600	0.658
Iron	04/20/99	27900	NLE	2.193
Lead	04/20/99	96.8	400	0.439
Magnesium	04/20/99	3250	NLE	4.385
Manganese	04/20/99	183	NLE	0.110
Mercury	04/08/99	0.089	14	0.021
Nickel	04/20/99	11.3	250	0.110
Potassium	04/20/99	6770	NLE	4.385
Selenium	04/20/99	ND	63	0.658
Silver	04/20/99	ND	110	0.658
Sodium	04/20/99	172	NLE	4.385
Thallium	04/20/99	ND	2	0.658
Vanadium	04/20/99	47.0	370	0.219
Zinc	04/20/99	231	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 #: 4394.42
Sample Received: 04/05/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-123, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/20/99	15000	NLE	2.758
Antimony	04/20/99	ND	14	0.552
Arsenic	04/20/99	8.79	20	0.552
Barium	04/20/99	77.2	700	0.138
Beryllium	04/20/99	1.23	1	0.138
Cadmium	04/20/99	ND	1	0.138
Calcium	04/20/99	2930	NLE	5.516
Chromium	04/20/99	78.1	NLE	0.138
Cobalt	04/20/99	3.03	NLE	0.138
Copper	04/20/99	11.1	600	0.827
Iron	04/20/99	34000	NLE	2.758
Lead	04/20/99	270	400	0.552
Magnesium	04/20/99	3530	NLE	5.516
Manganese	04/20/99	101	NLE	0.138
Mercury	04/08/99	0.132	14	0.028
Nickel	04/20/99	10.8	250	0.138
Potassium	04/20/99	6770	NLE	5.516
Selenium	04/20/99	ND	63	0.827
Silver	04/20/99	ND	110	0.827
Sodium	04/20/99	197	NLE	5.516
Thallium	04/20/99	ND	2	0.827
Vanadium	04/20/99	44.9	370	0.276
Zinc	04/20/99	252	1500	0.276

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4394.44
Sample Received: 04/05/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-124, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/20/99	10100	NLE	2.115
Antimony	04/20/99	3.26	14	0.423
Arsenic	04/20/99	8.04	20	0.423
Barium	04/20/99	51.4	700	0.106
Beryllium	04/20/99	0.620	1	0.106
Cadmium	04/20/99	1.67	1	0.106
Calcium	04/20/99	5090	NLE	4.230
Chromium	04/20/99	50.4	NLE	0.106
Cobalt	04/20/99	2.75	NLE	0.106
Copper	04/20/99	10.7	600	0.635
Iron	04/20/99	24600	NLE	2.115
Lead	04/20/99	85.5	400	0.423
Magnesium	04/20/99	1430	NLE	4.230
Manganese	04/20/99	82.3	NLE	0.106
Mercury	04/08/99	0.099	14	0.019
Nickel	04/20/99	8.04	250	0.106
Potassium	04/20/99	2080	NLE	4.230
Selenium	04/20/99	ND	63	0.635
Silver	04/20/99	ND	110	0.635
Sodium	04/20/99	267	NLE	4.230
Thallium	04/20/99	ND	2	0.635
Vanadium	04/20/99	52.4	370	0.212
Zinc	04/20/99	137	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 #: 4401.02
Sample Received: 04/08/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-125, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/20/99	12200	NLE	1.936
Antimony	04/20/99	ND	14	0.387
Arsenic	04/20/99	9.27	20	0.387
Barium	04/20/99	40.3	700	0.097
Beryllium	04/20/99	0.969	1	0.097
Cadmium	04/20/99	0.155	1	0.097
Calcium	04/20/99	1080	NLE	3.872
Chromium	04/20/99	88.6	NLE	0.097
Cobalt	04/20/99	2.96	NLE	0.097
Copper	04/20/99	14.2	600	0.581
Iron	04/20/99	27400	NLE	1.936
Lead	04/20/99	125	400	0.387
Magnesium	04/20/99	2330	NLE	3.872
Manganese	04/20/99	98.4	NLE	0.097
Mercury	04/13/99	0.189	14	0.024
Nickel	04/20/99	8.33	250	0.097
Potassium	04/20/99	5660	NLE	3.872
Selenium	04/20/99	0.802	63	0.581
Silver	04/20/99	ND	110	0.581
Sodium	04/20/99	130	NLE	3.872
Thallium	04/20/99	ND	2	0.581
Vanadium	04/20/99	51.6	370	0.194
Zinc	04/20/99	64.1	1500	0.194

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4401.04
Sample Received: 04/08/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-126, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/20/99	8630	NLE	2.125
Antimony	04/20/99	ND	14	0.425
Arsenic	04/20/99	7.91	20	0.425
Barium	04/20/99	27.2	700	0.106
Beryllium	04/20/99	0.780	1	0.106
Cadmium	04/20/99	ND	1	0.106
Calcium	04/20/99	668	NLE	4.250
Chromium	04/20/99	88.3	NLE	0.106
Cobalt	04/20/99	1.24	NLE	0.106
Copper	04/20/99	16.6	600	0.638
Iron	04/20/99	25700	NLE	2.125
Lead	04/20/99	56.5	400	0.425
Magnesium	04/20/99	2490	NLE	4.250
Manganese	04/20/99	22.5	NLE	0.106
Mercury	04/13/99	0.066	14	0.023
Nickel	04/20/99	4.79	250	0.106
Potassium	04/20/99	6140	NLE	4.250
Selenium	04/20/99	0.759	63	0.638
Silver	04/20/99	ND	110	0.638
Sodium	04/20/99	142	NLE	4.250
Thallium	04/20/99	ND	2	0.638
Vanadium	04/20/99	44.4	370	0.213
Zinc	04/20/99	37.1	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 #: 4401.06
Sample Received: 04/08/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-127, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/20/99	8800	NLE	2.274
Antimony	04/20/99	ND	14	0.455
Arsenic	04/20/99	6.24	20	0.455
Barium	04/20/99	13.7	700	0.114
Beryllium	04/20/99	0.482	1	0.114
Cadmium	04/20/99	ND	1	0.114
Calcium	04/20/99	479	NLE	4.547
Chromium	04/20/99	62.9	NLE	0.114
Cobalt	04/20/99	1.01	NLE	0.114
Copper	04/20/99	0.718	600	0.682
Iron	04/20/99	18700	NLE	2.274
Lead	04/20/99	6.93	400	0.455
Magnesium	04/20/99	1130	NLE	4.547
Manganese	04/20/99	26.2	NLE	0.114
Mercury	04/13/99	ND	14	0.023
Nickel	04/20/99	3.68	250	0.114
Potassium	04/20/99	3320	NLE	4.547
Selenium	04/20/99	ND	63	0.682
Silver	04/20/99	ND	110	0.682
Sodium	04/20/99	77.9	NLE	4.547
Thallium	04/20/99	ND	2	0.682
Vanadium	04/20/99	85.3	370	0.227
Zinc	04/20/99	20.2	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 #: 4401.08
Sample Received: 04/08/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-128, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/20/99	7380	NLE	2.208
Antimony	04/20/99	ND	14	0.442
Arsenic	04/20/99	7.68	20	0.442
Barium	04/20/99	47.2	700	0.110
Beryllium	04/20/99	0.724	1	0.110
Cadmium	04/20/99	ND	1	0.110
Calcium	04/20/99	811	NLE	4.417
Chromium	04/20/99	66.0	NLE	0.110
Cobalt	04/20/99	2.11	NLE	0.110
Copper	04/20/99	10.8	600	0.663
Iron	04/20/99	20100	NLE	2.208
Lead	04/20/99	43.1	400	0.442
Magnesium	04/20/99	1830	NLE	4.417
Manganese	04/20/99	40.9	NLE	0.110
Mercury	04/13/99	0.105	14	0.025
Nickel	04/20/99	6.01	250	0.110
Potassium	04/20/99	4640	NLE	4.417
Selenium	04/20/99	ND	63	0.663
Silver	04/20/99	5.91	110	0.663
Sodium	04/20/99	74.1	NLE	4.417
Thallium	04/20/99	ND	2	0.663
Vanadium	04/20/99	35.1	370	0.221
Zinc	04/20/99	52.8	1500	0.221

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4401.10
Sample Received: 04/08/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-129, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/20/99	11900	NLE	2.292
Antimony	04/20/99	ND	14	0.458
Arsenic	04/20/99	12.6	20	0.458
Barium	04/20/99	53.0	700	0.115
Beryllium	04/20/99	1.21	1	0.115
Cadmium	04/20/99	ND	1	0.115
Calcium	04/20/99	1570	NLE	4.584
Chromium	04/20/99	132	NLE	0.115
Cobalt	04/20/99	2.05	NLE	0.115
Copper	04/20/99	25.0	600	0.688
Iron	04/20/99	36400	NLE	2.292
Lead	04/20/99	54.7	400	0.458
Magnesium	04/20/99	4070	NLE	4.584
Manganese	04/20/99	44.9	NLE	0.115
Mercury	04/13/99	0.122	14	0.024
Nickel	04/20/99	7.11	250	0.115
Potassium	04/20/99	10400	NLE	4.584
Selenium	04/20/99	0.924	63	0.688
Silver	04/20/99	1.84	110	0.688
Sodium	04/20/99	248	NLE	4.584
Thallium	04/20/99	ND	2	0.688
Vanadium	04/20/99	49.7	370	0.229
Zinc	04/20/99	71.5	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 #: 4401.12
Sample Received: 04/08/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-130, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/20/99	16100	NLE	2.141
Antimony	04/20/99	0.804	14	0.428
Arsenic	04/20/99	21.7	20	0.428
Barium	04/20/99	41.4	700	0.107
Beryllium	04/20/99	1.24	1	0.107
Cadmium	04/20/99	ND	1	0.107
Calcium	04/20/99	2200	NLE	4.282
Chromium	04/20/99	109	NLE	0.107
Cobalt	04/20/99	6.01	NLE	0.107
Copper	04/20/99	5.07	600	0.642
Iron	04/20/99	84400	NLE	2.141
Lead	04/20/99	58.4	400	0.428
Magnesium	04/20/99	2220	NLE	4.282
Manganese	04/20/99	233	NLE	0.107
Mercury	04/13/99	0.064	14	0.024
Nickel	04/20/99	14.4	250	0.107
Potassium	04/20/99	4880	NLE	4.282
Selenium	04/20/99	1.09	63	0.642
Silver	04/20/99	ND	110	0.642
Sodium	04/20/99	216	NLE	4.282
Thallium	04/20/99	ND	2	0.642
Vanadium	04/20/99	165	370	0.214
Zinc	04/20/99	96.1	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 #: 4401.14
Sample Received: 04/08/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-131, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/20/99	12600	NLE	2.172
Antimony	04/20/99	ND	14	0.434
Arsenic	04/20/99	14.0	20	0.434
Barium	04/20/99	50.6	700	0.109
Beryllium	04/20/99	0.861	1	0.109
Cadmium	04/20/99	1.78	1	0.109
Calcium	04/20/99	1700	NLE	4.345
Chromium	04/20/99	76.0	NLE	0.109
Cobalt	04/20/99	2.42	NLE	0.109
Copper	04/20/99	4.94	600	0.652
Iron	04/20/99	19700	NLE	2.172
Lead	04/20/99	128	400	0.434
Magnesium	04/20/99	2170	NLE	4.345
Manganese	04/20/99	81.6	NLE	0.109
Mercury	04/13/99	0.085	14	0.022
Nickel	04/20/99	6.47	250	0.109
Potassium	04/20/99	4580	NLE	4.345
Selenium	04/20/99	ND	63	0.652
Silver	04/20/99	ND	110	0.652
Sodium	04/20/99	139	NLE	4.345
Thallium	04/20/99	ND	2	0.652
Vanadium	04/20/99	41.6	370	0.217
Zinc	04/20/99	54.2	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 #: 4401.16
Sample Received: 04/08/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-132, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/20/99	8370	NLE	2.583
Antimony	04/20/99	ND	14	0.517
Arsenic	04/20/99	4.56	20	0.517
Barium	04/20/99	28.3	700	0.129
Beryllium	04/20/99	0.699	1	0.129
Cadmium	04/20/99	ND	1	0.129
Calcium	04/20/99	334	NLE	5.167
Chromium	04/20/99	69.1	NLE	0.129
Cobalt	04/20/99	1.25	NLE	0.129
Copper	04/20/99	ND	600	0.775
Iron	04/20/99	15200	NLE	2.583
Lead	04/20/99	6.89	400	0.517
Magnesium	04/20/99	1690	NLE	5.167
Manganese	04/20/99	13.8	NLE	0.129
Mercury	04/13/99	ND	14	0.027
Nickel	04/20/99	4.39	250	0.129
Potassium	04/20/99	4380	NLE	5.167
Selenium	04/20/99	ND	63	0.775
Silver	04/20/99	ND	110	0.775
Sodium	04/20/99	197	NLE	5.167
Thallium	04/20/99	ND	2	0.775
Vanadium	04/20/99	37.1	370	0.258
Zinc	04/20/99	27.0	1500	0.258

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4401.18
Sample Received: 04/08/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-133, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/20/99	14300	NLE	2.064
Antimony	04/20/99	ND	14	0.413
Arsenic	04/20/99	8.66	20	0.413
Barium	04/20/99	19.0	700	0.103
Beryllium	04/20/99	1.62	1	0.103
Cadmium	04/20/99	ND	1	0.103
Calcium	04/20/99	111	NLE	4.128
Chromium	04/20/99	141	NLE	0.103
Cobalt	04/20/99	1.46	NLE	0.103
Copper	04/20/99	4.13	600	0.619
Iron	04/20/99	43800	NLE	2.064
Lead	04/20/99	5.61	400	0.413
Magnesium	04/20/99	4630	NLE	4.128
Manganese	04/20/99	20.3	NLE	0.103
Mercury	04/13/99	ND	14	0.023
Nickel	04/20/99	5.85	250	0.103
Potassium	04/20/99	12900	NLE	4.128
Selenium	04/20/99	ND	63	0.619
Silver	04/20/99	ND	110	0.619
Sodium	04/20/99	99.5	NLE	4.128
Thallium	04/20/99	ND	2	0.619
Vanadium	04/20/99	70.8	370	0.206
Zinc	04/20/99	47.8	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 #: 4401.20
Sample Received: 04/08/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-134, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/20/99	12100	NLE	2.384
Antimony	04/20/99	ND	14	0.477
Arsenic	04/20/99	11.1	20	0.477
Barium	04/20/99	60.5	700	0.119
Beryllium	04/20/99	1.19	1	0.119
Cadmium	04/20/99	ND	1	0.119
Calcium	04/20/99	829	NLE	4.768
Chromium	04/20/99	137	NLE	0.119
Cobalt	04/20/99	1.50	NLE	0.119
Copper	04/20/99	18.8	600	0.715
Iron	04/20/99	34700	NLE	2.384
Lead	04/20/99	56.8	400	0.477
Magnesium	04/20/99	3910	NLE	4.768
Manganese	04/20/99	23.7	NLE	0.119
Mercury	04/13/99	0.105	14	0.028
Nickel	04/20/99	6.50	250	0.119
Potassium	04/20/99	9980	NLE	4.768
Selenium	04/20/99	1.24	63	0.715
Silver	04/20/99	6.67	110	0.715
Sodium	04/20/99	178	NLE	4.768
Thallium	04/20/99	ND	2	0.715
Vanadium	04/20/99	43.8	370	0.238
Zinc	04/20/99	67.7	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 #: 4401.22
Sample Received: 04/08/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-135, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/20/99	8960	NLE	2.526
Antimony	04/20/99	46.9	14	0.505
Arsenic	04/20/99	10.1	20	0.505
Barium	04/20/99	783	700	0.126
Beryllium	04/20/99	1.02	1	0.126
Cadmium	04/20/99	2.67	1	0.126
Calcium	04/20/99	8310	NLE	5.052
Chromium	04/20/99	84.8	NLE	0.126
Cobalt	04/20/99	5.71	NLE	0.126
Copper	04/20/99	81.2	600	0.758
Iron	04/20/99	25100	NLE	2.526
Lead	04/20/99	4000	400	0.505
Magnesium	04/20/99	2950	NLE	5.052
Manganese	04/20/99	255	NLE	0.126
Mercury	04/13/99	0.370	14	0.029
Nickel	04/20/99	22.4	250	0.126
Potassium	04/20/99	4940	NLE	5.052
Selenium	04/20/99	1.26	63	0.758
Silver	04/20/99	ND	110	0.758
Sodium	04/20/99	198	NLE	5.052
Thallium	04/20/99	ND	2	0.758
Vanadium	04/20/99	42.9	370	0.253
Zinc	04/20/99	1020	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 #: 4401.24
Sample Received: 04/08/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-136, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/20/99	5180	NLE	2.131
Antimony	04/20/99	ND	14	0.426
Arsenic	04/20/99	4.38	20	0.426
Barium	04/20/99	11.2	700	0.107
Beryllium	04/20/99	0.510	1	0.107
Cadmium	04/20/99	ND	1	0.107
Calcium	04/20/99	589	NLE	4.263
Chromium	04/20/99	45.2	NLE	0.107
Cobalt	04/20/99	0.938	NLE	0.107
Copper	04/20/99	ND	600	0.639
Iron	04/20/99	12500	NLE	2.131
Lead	04/20/99	4.94	400	0.426
Magnesium	04/20/99	964	NLE	4.263
Manganese	04/20/99	13.7	NLE	0.107
Mercury	04/13/99	ND	14	0.025
Nickel	04/20/99	4.83	250	0.107
Potassium	04/20/99	2680	NLE	4.263
Selenium	04/20/99	ND	63	0.639
Silver	04/20/99	ND	110	0.639
Sodium	04/20/99	109	NLE	4.263
Thallium	04/20/99	ND	2	0.639
Vanadium	04/20/99	23.6	370	0.213
Zinc	04/20/99	20.3	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 #: 4401.26
Sample Received: 04/08/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-137, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/20/99	11800	NLE	2.972
Antimony	04/20/99	23.5	14	0.594
Arsenic	04/20/99	15.7	20	0.594
Barium	04/20/99	208	700	0.149
Beryllium	04/20/99	1.26	1	0.149
Cadmium	04/20/99	0.499	1	0.149
Calcium	04/20/99	3470	NLE	5.943
Chromium	04/20/99	127	NLE	0.149
Cobalt	04/20/99	3.93	NLE	0.149
Copper	04/20/99	36.8	600	0.891
Iron	04/20/99	43100	NLE	2.972
Lead	04/20/99	808	400	0.594
Magnesium	04/20/99	3920	NLE	5.943
Manganese	04/20/99	143	NLE	0.149
Mercury	04/13/99	0.371	14	0.029
Nickel	04/20/99	10.9	250	0.149
Potassium	04/20/99	8880	NLE	5.943
Selenium	04/20/99	1.86	63	0.891
Silver	04/20/99	ND	110	0.891
Sodium	04/20/99	207	NLE	5.943
Thallium	04/20/99	ND	2	0.891
Vanadium	04/20/99	52.3	370	0.297
Zinc	04/20/99	478	1500	0.297

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4401.28
Sample Received: 04/08/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-138, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/20/99	5850	NLE	2.270
Antimony	04/20/99	0.464	14	0.454
Arsenic	04/20/99	8.31	20	0.454
Barium	04/20/99	27.8	700	0.113
Beryllium	04/20/99	0.579	1	0.113
Cadmium	04/20/99	0.207	1	0.113
Calcium	04/20/99	1110	NLE	4.540
Chromium	04/20/99	67.0	NLE	0.113
Cobalt	04/20/99	1.15	NLE	0.113
Copper	04/20/99	18.1	600	0.681
Iron	04/20/99	23500	NLE	2.270
Lead	04/20/99	33.6	400	0.454
Magnesium	04/20/99	1310	NLE	4.540
Manganese	04/20/99	25.5	NLE	0.113
Mercury	04/13/99	0.068	14	0.025
Nickel	04/20/99	4.59	250	0.113
Potassium	04/20/99	3380	NLE	4.540
Selenium	04/20/99	ND	63	0.681
Silver	04/20/99	0.978	110	0.681
Sodium	04/20/99	79.1	NLE	4.540
Thallium	04/20/99	ND	2	0.681
Vanadium	04/20/99	46.2	370	0.227
Zinc	04/20/99	94.0	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 #: 4401.30
Sample Received: 04/08/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-139, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/20/99	7720	NLE	2.347
Antimony	04/20/99	2.22	14	0.469
Arsenic	04/20/99	11.3	20	0.469
Barium	04/20/99	46.9	700	0.117
Beryllium	04/20/99	0.750	1	0.117
Cadmium	04/20/99	ND	1	0.117
Calcium	04/20/99	686	NLE	4.695
Chromium	04/20/99	87.0	NLE	0.117
Cobalt	04/20/99	1.20	NLE	0.117
Copper	04/20/99	24.6	600	0.704
Iron	04/20/99	27500	NLE	2.347
Lead	04/20/99	91.5	400	0.469
Magnesium	04/20/99	1980	NLE	4.695
Manganese	04/20/99	20.1	NLE	0.117
Mercury	04/13/99	0.149	14	0.024
Nickel	04/20/99	5.57	250	0.117
Potassium	04/20/99	5320	NLE	4.695
Selenium	04/20/99	1.13	63	0.704
Silver	04/20/99	2.89	110	0.704
Sodium	04/20/99	216	NLE	4.695
Thallium	04/20/99	ND	2	0.704
Vanadium	04/20/99	36.4	370	0.235
Zinc	04/20/99	46.9	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 #: 4401.32
Sample Received: 04/08/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-140, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/20/99	8850	NLE	2.477
Antimony	04/20/99	5.93	14	0.495
Arsenic	04/20/99	9.38	20	0.495
Barium	04/20/99	58.5	700	0.124
Beryllium	04/20/99	0.706	1	0.124
Cadmium	04/20/99	0.131	1	0.124
Calcium	04/20/99	2730	NLE	4.955
Chromium	04/20/99	62.6	NLE	0.124
Cobalt	04/20/99	3.12	NLE	0.124
Copper	04/20/99	19.6	600	0.743
Iron	04/20/99	25300	NLE	2.477
Lead	04/20/99	521	400	0.495
Magnesium	04/20/99	2190	NLE	4.955
Manganese	04/20/99	74.1	NLE	0.124
Mercury	04/13/99	0.211	14	0.027
Nickel	04/20/99	6.99	250	0.124
Potassium	04/20/99	4210	NLE	4.955
Selenium	04/20/99	0.879	63	0.743
Silver	04/20/99	ND	110	0.743
Sodium	04/20/99	103	NLE	4.955
Thallium	04/20/99	ND	2	0.743
Vanadium	04/20/99	43.8	370	0.248
Zinc	04/20/99	509	1500	0.248

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4401.34
Sample Received: 04/08/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-141, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/20/99	18900	NLE	2.415
Antimony	04/20/99	1.07	14	0.483
Arsenic	04/20/99	7.03	20	0.483
Barium	04/20/99	984	700	0.121
Beryllium	04/20/99	2.40	1	0.121
Cadmium	04/20/99	3.27	1	0.121
Calcium	04/20/99	57700	NLE	4.830
Chromium	04/20/99	24.9	NLE	0.121
Cobalt	04/20/99	3.92	NLE	0.121
Copper	04/20/99	25.5	600	0.724
Iron	04/20/99	5060	NLE	2.415
Lead	04/20/99	64.3	400	0.483
Magnesium	04/20/99	17100	NLE	4.830
Manganese	04/20/99	1910	NLE	0.121
Mercury	04/13/99	0.078	14	0.025
Nickel	04/20/99	7.61	250	0.121
Potassium	04/20/99	2060	NLE	4.830
Selenium	04/20/99	2.36	63	0.724
Silver	04/20/99	ND	110	0.724
Sodium	04/20/99	16700	NLE	4.830
Thallium	04/20/99	ND	2	0.724
Vanadium	04/20/99	18.4	370	0.241
Zinc	04/20/99	385	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 #: 4401.36
Sample Received: 04/08/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-142, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/20/99	13100	NLE	2.227
Antimony	04/20/99	ND	14	0.445
Arsenic	04/20/99	9.69	20	0.445
Barium	04/20/99	74.6	700	0.111
Beryllium	04/20/99	0.815	1	0.111
Cadmium	04/20/99	ND	1	0.111
Calcium	04/20/99	5320	NLE	4.454
Chromium	04/20/99	81.3	NLE	0.111
Cobalt	04/20/99	1.62	NLE	0.111
Copper	04/20/99	4.59	600	0.668
Iron	04/20/99	22100	NLE	2.227
Lead	04/20/99	63.3	400	0.445
Magnesium	04/20/99	2930	NLE	4.454
Manganese	04/20/99	42.2	NLE	0.111
Mercury	04/13/99	0.059	14	0.021
Nickel	04/20/99	5.53	250	0.111
Potassium	04/20/99	5210	NLE	4.454
Selenium	04/20/99	0.695	63	0.668
Silver	04/20/99	ND	110	0.668
Sodium	04/20/99	108	NLE	4.454
Thallium	04/20/99	ND	2	0.668
Vanadium	04/20/99	46.5	370	0.223
Zinc	04/20/99	59.3	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 #: 4401.42
Sample Received: 04/08/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-143, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/20/99	5890	NLE	2.011
Antimony	04/20/99	ND	14	0.402
Arsenic	04/20/99	6.27	20	0.402
Barium	04/20/99	17.9	700	0.101
Beryllium	04/20/99	0.573	1	0.101
Cadmium	04/20/99	ND	1	0.101
Calcium	04/20/99	522	NLE	4.022
Chromium	04/20/99	53.1	NLE	0.101
Cobalt	04/20/99	1.24	NLE	0.101
Copper	04/20/99	8.95	600	0.603
Iron	04/20/99	15900	NLE	2.011
Lead	04/20/99	15.1	400	0.402
Magnesium	04/20/99	1190	NLE	4.022
Manganese	04/20/99	18.5	NLE	0.101
Mercury	04/13/99	0.034	14	0.024
Nickel	04/20/99	5.91	250	0.101
Potassium	04/20/99	2980	NLE	4.022
Selenium	04/20/99	ND	63	0.603
Silver	04/20/99	ND	110	0.603
Sodium	04/20/99	96.7	NLE	4.022
Thallium	04/20/99	ND	2	0.603
Vanadium	04/20/99	33.0	370	0.201
Zinc	04/20/99	33.9	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 #: 4401.44
Sample Received: 04/08/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-144, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/20/99	9190	NLE	2.287
Antimony	04/20/99	ND	14	0.457
Arsenic	04/20/99	8.11	20	0.457
Barium	04/20/99	37.3	700	0.114
Beryllium	04/20/99	0.677	1	0.114
Cadmium	04/20/99	ND	1	0.114
Calcium	04/20/99	949	NLE	4.574
Chromium	04/20/99	74.0	NLE	0.114
Cobalt	04/20/99	1.86	NLE	0.114
Copper	04/20/99	6.96	600	0.686
Iron	04/20/99	19900	NLE	2.287
Lead	04/20/99	35.3	400	0.457
Magnesium	04/20/99	1670	NLE	4.574
Manganese	04/20/99	49.7	NLE	0.114
Mercury	04/13/99	0.259	14	0.020
Nickel	04/20/99	5.32	250	0.114
Potassium	04/20/99	4250	NLE	4.574
Selenium	04/20/99	ND	63	0.686
Silver	04/20/99	1.26	110	0.686
Sodium	04/20/99	248	NLE	4.574
Thallium	04/20/99	ND	2	0.686
Vanadium	04/20/99	59.0	370	0.229
Zinc	04/20/99	46.4	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 #: 4401.46
Sample Received: 04/08/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-145, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/20/99	5200	NLE	1.990
Antimony	04/20/99	ND	14	0.398
Arsenic	04/20/99	5.03	20	0.398
Barium	04/20/99	13.9	700	0.100
Beryllium	04/20/99	0.405	1	0.100
Cadmium	04/20/99	ND	1	0.100
Calcium	04/20/99	536	NLE	3.981
Chromium	04/20/99	65.0	NLE	0.100
Cobalt	04/20/99	0.758	NLE	0.100
Copper	04/20/99	1.36	600	0.597
Iron	04/20/99	15900	NLE	1.990
Lead	04/20/99	12.5	400	0.398
Magnesium	04/20/99	969	NLE	3.981
Manganese	04/20/99	14.5	NLE	0.100
Mercury	04/13/99	0.058	14	0.024
Nickel	04/20/99	3.02	250	0.100
Potassium	04/20/99	2830	NLE	3.981
Selenium	04/20/99	ND	63	0.597
Silver	04/20/99	ND	110	0.597
Sodium	04/20/99	79.3	NLE	3.981
Thallium	04/20/99	ND	2	0.597
Vanadium	04/20/99	70.9	370	0.199
Zinc	04/20/99	24.9	1500	0.199

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4405.02
Sample Received: 04/09/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-146, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/20/99	13700	NLE	2.159
Antimony	04/20/99	ND	14	0.432
Arsenic	04/20/99	8.30	20	0.432
Barium	04/20/99	53.8	700	0.108
Beryllium	04/20/99	1.16	1	0.108
Cadmium	04/20/99	ND	1	0.108
Calcium	04/20/99	21400	NLE	4.319
Chromium	04/20/99	325	NLE	0.108
Cobalt	04/20/99	5.64	NLE	0.108
Copper	04/20/99	692	600	0.648
Iron	04/20/99	25600	NLE	2.159
Lead	04/20/99	35.8	400	0.432
Magnesium	04/20/99	4170	NLE	4.319
Manganese	04/20/99	94.1	NLE	0.108
Mercury	04/13/99	0.110	14	0.024
Nickel	04/20/99	15.6	250	0.108
Potassium	04/20/99	5120	NLE	4.319
Selenium	04/20/99	ND	63	0.648
Silver	04/20/99	ND	110	0.648
Sodium	04/20/99	231	NLE	4.319
Thallium	04/20/99	ND	2	0.648
Vanadium	04/20/99	63.5	370	0.216
Zinc	04/20/99	432	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 #: 4405.04
Sample Received: 04/09/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-147, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/20/99	8750	NLE	2.663
Antimony	04/20/99	62.3	14	0.533
Arsenic	04/20/99	7.49	20	0.533
Barium	04/20/99	112	700	0.133
Beryllium	04/20/99	0.672	1	0.133
Cadmium	04/20/99	0.484	1	0.133
Calcium	04/20/99	4210	NLE	5.326
Chromium	04/20/99	107	NLE	0.133
Cobalt	04/20/99	4.07	NLE	0.133
Copper	04/20/99	129	600	0.799
Iron	04/20/99	19900	NLE	2.663
Lead	04/20/99	645	400	0.533
Magnesium	04/20/99	2000	NLE	5.326
Manganese	04/20/99	78.4	NLE	0.133
Mercury	04/13/99	0.488	14	0.030
Nickel	04/20/99	10.9	250	0.133
Potassium	04/20/99	4180	NLE	5.326
Selenium	04/20/99	ND	63	0.799
Silver	04/20/99	1.45	110	0.799
Sodium	04/20/99	192	NLE	5.326
Thallium	04/20/99	ND	2	0.799
Vanadium	04/20/99	51.5	370	0.266
Zinc	04/20/99	412	1500	0.266

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4405.06
Sample Received: 04/09/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-148, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/20/99	14000	NLE	2.373
Antimony	04/20/99	0.860	14	0.475
Arsenic	04/20/99	13.4	20	0.475
Barium	04/20/99	39.8	700	0.119
Beryllium	04/20/99	0.903	1	0.119
Cadmium	04/20/99	ND	1	0.119
Calcium	04/20/99	2460	NLE	4.746
Chromium	04/20/99	81.2	NLE	0.119
Cobalt	04/20/99	2.22	NLE	0.119
Copper	04/20/99	11.1	600	0.712
Iron	04/20/99	30700	NLE	2.373
Lead	04/20/99	65.7	400	0.475
Magnesium	04/20/99	3210	NLE	4.746
Manganese	04/20/99	46.2	NLE	0.119
Mercury	04/13/99	0.082	14	0.025
Nickel	04/20/99	6.44	250	0.119
Potassium	04/20/99	7050	NLE	4.746
Selenium	04/20/99	ND	63	0.712
Silver	04/20/99	ND	110	0.712
Sodium	04/20/99	177	NLE	4.746
Thallium	04/20/99	ND	2	0.712
Vanadium	04/20/99	52.2	370	0.237
Zinc	04/20/99	58.4	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 #: 4405.08
Sample Received: 04/09/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-149, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/20/99	9920	NLE	2.370
Antimony	04/20/99	ND	14	0.474
Arsenic	04/20/99	13.2	20	0.474
Barium	04/20/99	51.5	700	0.119
Beryllium	04/20/99	0.918	1	0.119
Cadmium	04/20/99	0.371	1	0.119
Calcium	04/20/99	1270	NLE	4.740
Chromium	04/20/99	78.8	NLE	0.119
Cobalt	04/20/99	2.54	NLE	0.119
Copper	04/20/99	23.0	600	0.711
Iron	04/20/99	27700	NLE	2.370
Lead	04/20/99	59.9	400	0.474
Magnesium	04/20/99	2150	NLE	4.740
Manganese	04/20/99	55.7	NLE	0.119
Mercury	04/13/99	0.229	14	0.025
Nickel	04/20/99	8.36	250	0.119
Potassium	04/20/99	5240	NLE	4.740
Selenium	04/20/99	ND	63	0.711
Silver	04/20/99	ND	110	0.711
Sodium	04/20/99	157	NLE	4.740
Thallium	04/20/99	ND	2	0.711
Vanadium	04/20/99	47.9	370	0.237
Zinc	04/20/99	90.0	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 #: 4405.10
Sample Received: 04/09/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-150, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/20/99	9490	NLE	2.161
Antimony	04/20/99	ND	14	0.432
Arsenic	04/20/99	6.97	20	0.432
Barium	04/20/99	43.1	700	0.108
Beryllium	04/20/99	0.766	1	0.108
Cadmium	04/20/99	ND	1	0.108
Calcium	04/20/99	1340	NLE	4.322
Chromium	04/20/99	71.9	NLE	0.108
Cobalt	04/20/99	2.22	NLE	0.108
Copper	04/20/99	11.4	600	0.648
Iron	04/20/99	22100	NLE	2.161
Lead	04/20/99	41.7	400	0.432
Magnesium	04/20/99	1960	NLE	4.322
Manganese	04/20/99	53.2	NLE	0.108
Mercury	04/13/99	0.144	14	0.024
Nickel	04/20/99	7.53	250	0.108
Potassium	04/20/99	4810	NLE	4.322
Selenium	04/20/99	ND	63	0.648
Silver	04/20/99	2.06	110	0.648
Sodium	04/20/99	146	NLE	4.322
Thallium	04/20/99	ND	2	0.648
Vanadium	04/20/99	42.8	370	0.216
Zinc	04/20/99	60.3	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 #: 4405.12
Sample Received: 04/09/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-151, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/20/99	7670	NLE	1.989
Antimony	04/20/99	0.572	14	0.398
Arsenic	04/20/99	2.21	20	0.398
Barium	04/20/99	50.3	700	0.099
Beryllium	04/20/99	0.325	1	0.099
Cadmium	04/20/99	ND	1	0.099
Calcium	04/20/99	50500	NLE	3.979
Chromium	04/20/99	23.4	NLE	0.099
Cobalt	04/20/99	2.29	NLE	0.099
Copper	04/20/99	15.9	600	0.597
Iron	04/20/99	9540	NLE	1.989
Lead	04/20/99	12.1	400	0.398
Magnesium	04/20/99	2660	NLE	3.979
Manganese	04/20/99	81.1	NLE	0.099
Mercury	04/13/99	0.065	14	0.023
Nickel	04/20/99	4.30	250	0.099
Potassium	04/20/99	1660	NLE	3.979
Selenium	04/20/99	ND	63	0.597
Silver	04/20/99	ND	110	0.597
Sodium	04/20/99	123	NLE	3.979
Thallium	04/20/99	ND	2	0.597
Vanadium	04/20/99	15.3	370	0.199
Zinc	04/20/99	41.3	1500	0.199

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4405.14
Sample Received: 04/09/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-152, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/20/99	8010	NLE	2.303
Antimony	04/20/99	ND	14	0.461
Arsenic	04/20/99	2.74	20	0.461
Barium	04/20/99	17.1	700	0.115
Beryllium	04/20/99	0.261	1	0.115
Cadmium	04/20/99	0.152	1	0.115
Calcium	04/20/99	23500	NLE	4.605
Chromium	04/20/99	28.1	NLE	0.115
Cobalt	04/20/99	4.00	NLE	0.115
Copper	04/20/99	16.8	600	0.691
Iron	04/20/99	13600	NLE	2.303
Lead	04/20/99	9.11	400	0.461
Magnesium	04/20/99	5280	NLE	4.605
Manganese	04/20/99	95.1	NLE	0.115
Mercury	04/13/99	0.062	14	0.022
Nickel	04/20/99	14.1	250	0.115
Potassium	04/20/99	1620	NLE	4.605
Selenium	04/20/99	ND	63	0.691
Silver	04/20/99	ND	110	0.691
Sodium	04/20/99	365	NLE	4.605
Thallium	04/20/99	ND	2	0.691
Vanadium	04/20/99	92.8	370	0.230
Zinc	04/20/99	96.5	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 #: 4405.16
Sample Received: 04/09/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-153, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/20/99	13800	NLE	2.237
Antimony	04/20/99	ND	14	0.447
Arsenic	04/20/99	10.4	20	0.447
Barium	04/20/99	57.5	700	0.112
Beryllium	04/20/99	0.895	1	0.112
Cadmium	04/20/99	ND	1	0.112
Calcium	04/20/99	2380	NLE	4.473
Chromium	04/20/99	88.6	NLE	0.112
Cobalt	04/20/99	2.46	NLE	0.112
Copper	04/20/99	19.7	600	0.671
Iron	04/20/99	24000	NLE	2.237
Lead	04/20/99	47.8	400	0.447
Magnesium	04/20/99	3270	NLE	4.473
Manganese	04/20/99	62.4	NLE	0.112
Mercury	04/13/99	0.144	14	0.025
Nickel	04/20/99	7.70	250	0.112
Potassium	04/20/99	6560	NLE	4.473
Selenium	04/20/99	0.759	63	0.671
Silver	04/20/99	ND	110	0.671
Sodium	04/20/99	258	NLE	4.473
Thallium	04/20/99	ND	2	0.671
Vanadium	04/20/99	52.8	370	0.224
Zinc	04/20/99	59.5	1500	0.224

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4405.18
Sample Received: 04/09/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-154, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/20/99	11900	NLE	2.144
Antimony	04/20/99	ND	14	0.429
Arsenic	04/20/99	11.2	20	0.429
Barium	04/20/99	89.0	700	0.107
Beryllium	04/20/99	1.86	1	0.107
Cadmium	04/20/99	1.69	1	0.107
Calcium	04/20/99	6570	NLE	4.289
Chromium	04/20/99	196	NLE	0.107
Cobalt	04/20/99	1.47	NLE	0.107
Copper	04/20/99	5.33	600	0.643
Iron	04/20/99	42800	NLE	2.144
Lead	04/20/99	12.8	400	0.429
Magnesium	04/20/99	6360	NLE	4.289
Manganese	04/20/99	34.4	NLE	0.107
Mercury	04/13/99	0.107	14	0.023
Nickel	04/20/99	8.06	250	0.107
Potassium	04/20/99	16900	NLE	4.289
Selenium	04/20/99	1.32	63	0.643
Silver	04/20/99	ND	110	0.643
Sodium	04/20/99	357	NLE	4.289
Thallium	04/20/99	ND	2	0.643
Vanadium	04/20/99	75.6	370	0.214
Zinc	04/20/99	64.9	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 #: 4405.20
Sample Received: 04/09/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-155, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/20/99	5400	NLE	2.328
Antimony	04/20/99	ND	14	0.466
Arsenic	04/20/99	4.10	20	0.466
Barium	04/20/99	12.8	700	0.116
Beryllium	04/20/99	0.413	1	0.116
Cadmium	04/20/99	ND	1	0.116
Calcium	04/20/99	312	NLE	4.655
Chromium	04/20/99	49.5	NLE	0.116
Cobalt	04/20/99	1.04	NLE	0.116
Copper	04/20/99	ND	600	0.698
Iron	04/20/99	13300	NLE	2.328
Lead	04/20/99	15.5	400	0.466
Magnesium	04/20/99	1130	NLE	4.655
Manganese	04/20/99	24.5	NLE	0.116
Mercury	04/13/99	0.046	14	0.022
Nickel	04/20/99	3.28	250	0.116
Potassium	04/20/99	3080	NLE	4.655
Selenium	04/20/99	ND	63	0.698
Silver	04/20/99	ND	110	0.698
Sodium	04/20/99	103	NLE	4.655
Thallium	04/20/99	ND	2	0.698
Vanadium	04/20/99	37.9	370	0.233
Zinc	04/20/99	255	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 #: 4405.22
Sample Received: 04/09/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-156, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/20/99	15400	NLE	2.236
Antimony	04/20/99	ND	14	0.447
Arsenic	04/20/99	11.8	20	0.447
Barium	04/20/99	56.9	700	0.112
Beryllium	04/20/99	0.985	1	0.112
Cadmium	04/20/99	0.428	1	0.112
Calcium	04/20/99	1460	NLE	4.472
Chromium	04/20/99	87.8	NLE	0.112
Cobalt	04/20/99	3.25	NLE	0.112
Copper	04/20/99	21.0	600	0.671
Iron	04/20/99	27800	NLE	2.236
Lead	04/20/99	93.3	400	0.447
Magnesium	04/20/99	2900	NLE	4.472
Manganese	04/20/99	95.5	NLE	0.112
Mercury	04/13/99	0.116	14	0.023
Nickel	04/20/99	12.0	250	0.112
Potassium	04/20/99	6730	NLE	4.472
Selenium	04/20/99	0.841	63	0.671
Silver	04/20/99	ND	110	0.671
Sodium	04/20/99	228	NLE	4.472
Thallium	04/20/99	ND	2	0.671
Vanadium	04/20/99	73.1	370	0.224
Zinc	04/20/99	205	1500	0.224

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4405.24
Sample Received: 04/09/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-157, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/20/99	10400	NLE	2.154
Antimony	04/20/99	ND	14	0.431
Arsenic	04/20/99	14.3	20	0.431
Barium	04/20/99	87.4	700	0.108
Beryllium	04/20/99	1.31	1	0.108
Cadmium	04/20/99	ND	1	0.108
Calcium	04/20/99	2720	NLE	4.309
Chromium	04/20/99	136	NLE	0.108
Cobalt	04/20/99	2.26	NLE	0.108
Copper	04/20/99	22.1	600	0.646
Iron	04/20/99	33400	NLE	2.154
Lead	04/20/99	31.8	400	0.431
Magnesium	04/20/99	4210	NLE	4.309
Manganese	04/20/99	24.9	NLE	0.108
Mercury	04/13/99	0.461	14	0.022
Nickel	04/20/99	10.8	250	0.108
Potassium	04/20/99	10900	NLE	4.309
Selenium	04/20/99	1.56	63	0.646
Silver	04/20/99	5.80	110	0.646
Sodium	04/20/99	197	NLE	4.309
Thallium	04/20/99	ND	2	0.646
Vanadium	04/20/99	51.4	370	0.215
Zinc	04/20/99	169	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 #: 4413.02
Sample Received: 04/13/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-158, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/20/99	12100	NLE	2.381
Antimony	04/20/99	1.12	14	0.476
Arsenic	04/20/99	15.3	20	0.476
Barium	04/20/99	87.7	700	0.119
Beryllium	04/20/99	1.06	1	0.119
Cadmium	04/20/99	0.225	1	0.119
Calcium	04/20/99	2770	NLE	4.763
Chromium	04/20/99	116	NLE	0.119
Cobalt	04/20/99	2.20	NLE	0.119
Copper	04/20/99	44.7	600	0.714
Iron	04/20/99	31000	NLE	2.381
Lead	04/20/99	111	400	0.476
Magnesium	04/20/99	3380	NLE	4.763
Manganese	04/20/99	148	NLE	0.119
Mercury	04/23/99	1.17	14	0.026
Nickel	04/20/99	8.57	250	0.119
Potassium	04/20/99	7150	NLE	4.763
Selenium	04/20/99	0.813	63	0.714
Silver	04/20/99	3.64	110	0.714
Sodium	04/20/99	158	NLE	4.763
Thallium	04/20/99	ND	2	0.714
Vanadium	04/20/99	55.9	370	0.238
Zinc	04/20/99	152	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 #: 4413.04
Sample Received: 04/13/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-159, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/20/99	13400	NLE	2.470
Antimony	04/20/99	1.16	14	0.494
Arsenic	04/20/99	15.4	20	0.494
Barium	04/20/99	50.2	700	0.123
Beryllium	04/20/99	1.35	1	0.123
Cadmium	04/20/99	1.24	1	0.123
Calcium	04/20/99	1290	NLE	4.939
Chromium	04/20/99	146	NLE	0.123
Cobalt	04/20/99	2.38	NLE	0.123
Copper	04/20/99	49.3	600	0.741
Iron	04/20/99	43600	NLE	2.470
Lead	04/20/99	75.2	400	0.494
Magnesium	04/20/99	4510	NLE	4.939
Manganese	04/20/99	43.5	NLE	0.123
Mercury	04/23/99	0.355	14	0.027
Nickel	04/20/99	8.17	250	0.123
Potassium	04/20/99	10400	NLE	4.939
Selenium	04/20/99	0.886	63	0.741
Silver	04/20/99	2.40	110	0.741
Sodium	04/20/99	305	NLE	4.939
Thallium	04/20/99	ND	2	0.741
Vanadium	04/20/99	63.8	370	0.247
Zinc	04/20/99	98.5	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 #: 4413.06
Sample Received: 04/13/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-160, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/20/99	15200	NLE	2.818
Antimony	04/20/99	0.668	14	0.564
Arsenic	04/20/99	16.0	20	0.564
Barium	04/20/99	86.1	700	0.141
Beryllium	04/20/99	1.44	1	0.141
Cadmium	04/20/99	0.655	1	0.141
Calcium	04/20/99	1480	NLE	5.636
Chromium	04/20/99	177	NLE	0.141
Cobalt	04/20/99	1.92	NLE	0.141
Copper	04/20/99	52.9	600	0.845
Iron	04/20/99	48700	NLE	2.818
Lead	04/20/99	95.0	400	0.564
Magnesium	04/20/99	5420	NLE	5.636
Manganese	04/20/99	67.7	NLE	0.141
Mercury	04/23/99	0.463	14	0.031
Nickel	04/20/99	10.8	250	0.141
Potassium	04/20/99	13600	NLE	5.636
Selenium	04/20/99	1.36	63	0.845
Silver	04/20/99	2.58	110	0.845
Sodium	04/20/99	283	NLE	5.636
Thallium	04/20/99	ND	2	0.845
Vanadium	04/20/99	67.5	370	0.282
Zinc	04/20/99	117	1500	0.282

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4413.08
Sample Received: 04/13/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-161, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/20/99	15600	NLE	2.398
Antimony	04/20/99	ND	14	0.480
Arsenic	04/20/99	9.79	20	0.480
Barium	04/20/99	16.9	700	0.120
Beryllium	04/20/99	2.09	1	0.120
Cadmium	04/20/99	ND	1	0.120
Calcium	04/20/99	175	NLE	4.796
Chromium	04/20/99	160	NLE	0.120
Cobalt	04/20/99	2.73	NLE	0.120
Copper	04/20/99	18.1	600	0.719
Iron	04/20/99	56900	NLE	2.398
Lead	04/20/99	10.9	400	0.480
Magnesium	04/20/99	7450	NLE	4.796
Manganese	04/20/99	18.9	NLE	0.120
Mercury	04/23/99	0.088	14	0.023
Nickel	04/20/99	9.52	250	0.120
Potassium	04/20/99	20300	NLE	4.796
Selenium	04/20/99	ND	63	0.719
Silver	04/20/99	ND	110	0.719
Sodium	04/20/99	129	NLE	4.796
Thallium	04/20/99	ND	2	0.719
Vanadium	04/20/99	62.0	370	0.240
Zinc	04/20/99	76.0	1500	0.240

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4413.10
Sample Received: 04/13/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-162, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/20/99	13900	NLE	2.399
Antimony	04/20/99	ND	14	0.480
Arsenic	04/20/99	11.8	20	0.480
Barium	04/20/99	88.4	700	0.120
Beryllium	04/20/99	1.97	1	0.120
Cadmium	04/20/99	ND	1	0.120
Calcium	04/20/99	1720	NLE	4.798
Chromium	04/20/99	204	NLE	0.120
Cobalt	04/20/99	0.874	NLE	0.120
Copper	04/20/99	17.5	600	0.720
Iron	04/20/99	45600	NLE	2.399
Lead	04/20/99	15.5	400	0.480
Magnesium	04/20/99	7090	NLE	4.798
Manganese	04/20/99	23.1	NLE	0.120
Mercury	04/23/99	0.378	14	0.027
Nickel	04/20/99	7.56	250	0.120
Potassium	04/20/99	17600	NLE	4.798
Selenium	04/20/99	1.60	63	0.720
Silver	04/20/99	4.23	110	0.720
Sodium	04/20/99	119	NLE	4.798
Thallium	04/20/99	ND	2	0.720
Vanadium	04/20/99	63.5	370	0.240
Zinc	04/20/99	88.0	1500	0.240

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4413.12
Sample Received: 04/13/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-163, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/20/99	10200	NLE	2.643
Antimony	04/20/99	0.546	14	0.529
Arsenic	04/20/99	16.7	20	0.529
Barium	04/20/99	129	700	0.132
Beryllium	04/20/99	1.26	1	0.132
Cadmium	04/20/99	0.995	1	0.132
Calcium	04/20/99	1710	NLE	5.286
Chromium	04/20/99	117	NLE	0.132
Cobalt	04/20/99	1.23	NLE	0.132
Copper	04/20/99	33.9	600	0.793
Iron	04/20/99	28000	NLE	2.643
Lead	04/20/99	38.9	400	0.529
Magnesium	04/20/99	3710	NLE	5.286
Manganese	04/20/99	29.7	NLE	0.132
Mercury	04/23/99	0.859	14	0.026
Nickel	04/20/99	9.04	250	0.132
Potassium	04/20/99	9440	NLE	5.286
Selenium	04/20/99	2.62	63	0.793
Silver	04/20/99	ND	110	0.793
Sodium	04/20/99	124	NLE	5.286
Thallium	04/20/99	ND	2	0.793
Vanadium	04/20/99	35.8	370	0.264
Zinc	04/20/99	140	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 #: 4413.14
Sample Received: 04/13/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-164, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/20/99	10600	NLE	2.621
Antimony	04/20/99	ND	14	0.524
Arsenic	04/20/99	12.6	20	0.524
Barium	04/20/99	39.2	700	0.131
Beryllium	04/20/99	1.56	1	0.131
Cadmium	04/20/99	0.251	1	0.131
Calcium	04/20/99	2460	NLE	5.242
Chromium	04/20/99	120	NLE	0.131
Cobalt	04/20/99	2.21	NLE	0.131
Copper	04/20/99	9.45	600	0.786
Iron	04/20/99	36200	NLE	2.621
Lead	04/20/99	14.8	400	0.524
Magnesium	04/20/99	4110	NLE	5.242
Manganese	04/20/99	24.9	NLE	0.131
Mercury	04/23/99	0.148	14	0.024
Nickel	04/20/99	15.1	250	0.131
Potassium	04/20/99	10300	NLE	5.242
Selenium	04/20/99	1.55	63	0.786
Silver	04/20/99	ND	110	0.786
Sodium	04/20/99	341	NLE	5.242
Thallium	04/20/99	ND	2	0.786
Vanadium	04/20/99	43.3	370	0.262
Zinc	04/20/99	83.4	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 #: 4413.16
Sample Received: 04/13/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-165, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/20/99	17900	NLE	4.622
Antimony	04/20/99	ND	14	0.924
Arsenic	04/20/99	18.9	20	0.924
Barium	04/20/99	53.3	700	0.231
Beryllium	04/20/99	1.70	1	0.231
Cadmium	04/20/99	0.690	1	0.231
Calcium	04/20/99	1160	NLE	9.245
Chromium	04/20/99	150	NLE	0.231
Cobalt	04/20/99	2.60	NLE	0.231
Copper	04/20/99	91.4	600	1.387
Iron	04/20/99	43600	NLE	4.622
Lead	04/20/99	91.6	400	0.924
Magnesium	04/20/99	4410	NLE	9.245
Manganese	04/20/99	40.6	NLE	0.231
Mercury	04/23/99	0.766	14	0.048
Nickel	04/20/99	13.0	250	0.231
Potassium	04/20/99	10800	NLE	9.245
Selenium	04/20/99	ND	63	1.387
Silver	04/20/99	ND	110	1.387
Sodium	04/20/99	347	NLE	9.245
Thallium	04/20/99	ND	2	1.387
Vanadium	04/20/99	81.7	370	0.462
Zinc	04/20/99	135	1500	0.462

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4413.18
Sample Received: 04/13/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-166, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/20/99	8800	NLE	2.091
Antimony	04/20/99	ND	14	0.418
Arsenic	04/20/99	7.72	20	0.418
Barium	04/20/99	40.8	700	0.105
Beryllium	04/20/99	0.766	1	0.105
Cadmium	04/20/99	0.606	1	0.105
Calcium	04/20/99	469	NLE	4.182
Chromium	04/20/99	89.1	NLE	0.105
Cobalt	04/20/99	1.66	NLE	0.105
Copper	04/20/99	35.1	600	0.627
Iron	04/20/99	25800	NLE	2.091
Lead	04/20/99	44.6	400	0.418
Magnesium	04/20/99	2450	NLE	4.182
Manganese	04/20/99	22.5	NLE	0.105
Mercury	04/23/99	2.36	14	0.025
Nickel	04/20/99	7.73	250	0.105
Potassium	04/20/99	6220	NLE	4.182
Selenium	04/20/99	0.638	63	0.627
Silver	04/20/99	0.877	110	0.627
Sodium	04/20/99	120	NLE	4.182
Thallium	04/20/99	ND	2	0.627
Vanadium	04/20/99	44.8	370	0.209
Zinc	04/20/99	73.1	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 #: 4413.20
Sample Received: 04/13/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-167, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/20/99	11300	NLE	2.389
Antimony	04/20/99	ND	14	0.478
Arsenic	04/20/99	28.0	20	0.478
Barium	04/20/99	78.3	700	0.119
Beryllium	04/20/99	1.36	1	0.119
Cadmium	04/20/99	ND	1	0.119
Calcium	04/20/99	1280	NLE	4.778
Chromium	04/20/99	160	NLE	0.119
Cobalt	04/20/99	0.906	NLE	0.119
Copper	04/20/99	6.96	600	0.717
Iron	04/20/99	39400	NLE	2.389
Lead	04/20/99	16.8	400	0.478
Magnesium	04/20/99	5200	NLE	4.778
Manganese	04/20/99	18.8	NLE	0.119
Mercury	04/23/99	0.150	14	0.025
Nickel	04/20/99	5.15	250	0.119
Potassium	04/20/99	13400	NLE	4.778
Selenium	04/20/99	1.61	63	0.717
Silver	04/20/99	3.86	110	0.717
Sodium	04/20/99	129	NLE	4.778
Thallium	04/20/99	ND	2	0.717
Vanadium	04/20/99	55.9	370	0.239
Zinc	04/20/99	47.4	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 #: 4413.22
Sample Received: 04/13/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-168, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/20/99	12500	NLE	2.481
Antimony	04/20/99	ND	14	0.496
Arsenic	04/20/99	19.4	20	0.496
Barium	04/20/99	60.2	700	0.124
Beryllium	04/20/99	1.79	1	0.124
Cadmium	04/20/99	ND	1	0.124
Calcium	04/20/99	2080	NLE	4.962
Chromium	04/20/99	142	NLE	0.124
Cobalt	04/20/99	2.71	NLE	0.124
Copper	04/20/99	6.20	600	0.744
Iron	04/20/99	43800	NLE	2.481
Lead	04/20/99	12.9	400	0.496
Magnesium	04/20/99	5890	NLE	4.962
Manganese	04/20/99	16.7	NLE	0.124
Mercury	04/23/99	0.042	14	0.026
Nickel	04/20/99	11.2	250	0.124
Potassium	04/20/99	17100	NLE	4.962
Selenium	04/20/99	1.02	63	0.744
Silver	04/20/99	ND	110	0.744
Sodium	04/20/99	192	NLE	4.962
Thallium	04/20/99	ND	2	0.744
Vanadium	04/20/99	42.6	370	0.248
Zinc	04/20/99	64.3	1500	0.248

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4413.24
Sample Received: 04/13/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-169, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/20/99	8590	NLE	2.354
Antimony	04/20/99	ND	14	0.471
Arsenic	04/20/99	11.9	20	0.471
Barium	04/20/99	68.8	700	0.118
Beryllium	04/20/99	1.19	1	0.118
Cadmium	04/20/99	ND	1	0.118
Calcium	04/20/99	4680	NLE	4.709
Chromium	04/20/99	104	NLE	0.118
Cobalt	04/20/99	1.11	NLE	0.118
Copper	04/20/99	7.83	600	0.706
Iron	04/20/99	27600	NLE	2.354
Lead	04/20/99	16.0	400	0.471
Magnesium	04/20/99	3500	NLE	4.709
Manganese	04/20/99	16.4	NLE	0.118
Mercury	04/23/99	0.065	14	0.024
Nickel	04/20/99	6.33	250	0.118
Potassium	04/20/99	9040	NLE	4.709
Selenium	04/20/99	1.83	63	0.706
Silver	04/20/99	ND	110	0.706
Sodium	04/20/99	199	NLE	4.709
Thallium	04/20/99	ND	2	0.706
Vanadium	04/20/99	32.4	370	0.235
Zinc	04/20/99	51.3	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 #: 4413.26
Sample Received: 04/13/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-170, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/20/99	13400	NLE	2.438
Antimony	04/20/99	ND	14	0.488
Arsenic	04/20/99	13.4	20	0.488
Barium	04/20/99	70.6	700	0.122
Beryllium	04/20/99	1.99	1	0.122
Cadmium	04/20/99	ND	1	0.122
Calcium	04/20/99	4250	NLE	4.875
Chromium	04/20/99	180	NLE	0.122
Cobalt	04/20/99	1.98	NLE	0.122
Copper	04/20/99	6.91	600	0.731
Iron	04/20/99	40100	NLE	2.438
Lead	04/20/99	12.5	400	0.488
Magnesium	04/20/99	6110	NLE	4.875
Manganese	04/20/99	25.5	NLE	0.122
Mercury	04/23/99	0.068	14	0.022
Nickel	04/20/99	17.5	250	0.122
Potassium	04/20/99	15500	NLE	4.875
Selenium	04/20/99	1.45	63	0.731
Silver	04/20/99	ND	110	0.731
Sodium	04/20/99	165	NLE	4.875
Thallium	04/20/99	ND	2	0.731
Vanadium	04/20/99	60.8	370	0.244
Zinc	04/20/99	84.5	1500	0.244

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4469.02
Sample Received: 05/07/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-171, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	05/11/99	7570	NLE	2.116
Antimony	05/11/99	4.07	14	0.423
Arsenic	05/11/99	7.71	20	0.423
Barium	05/11/99	30.3	700	0.106
Beryllium	05/11/99	0.499	1	0.106
Cadmium	05/11/99	ND	1	0.106
Calcium	05/11/99	1390	NLE	4.232
Chromium	05/11/99	52.2	NLE	0.106
Cobalt	05/11/99	1.76	NLE	0.106
Copper	05/11/99	14.8	600	0.635
Iron	05/11/99	18400	NLE	2.116
Lead	05/11/99	71.2	400	0.423
Magnesium	05/11/99	1080	NLE	4.232
Manganese	05/11/99	32.8	NLE	0.106
Mercury	05/26/99	0.124	14	0.024
Nickel	05/11/99	5.90	250	0.106
Potassium	05/11/99	2240	NLE	4.232
Selenium	05/11/99	0.743	63	0.635
Silver	05/11/99	ND	110	0.635
Sodium	05/11/99	131	NLE	4.232
Thallium	05/11/99	ND	2	0.635
Vanadium	05/11/99	42.9	370	0.212
Zinc	05/11/99	169	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 #: 4469.04
Sample Received: 05/07/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-172, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	05/11/99	10100	NLE	2.198
Antimony	05/11/99	5.14	14	0.440
Arsenic	05/11/99	6.62	20	0.440
Barium	05/11/99	51.3	700	0.110
Beryllium	05/11/99	0.578	1	0.110
Cadmium	05/11/99	0.600	1	0.110
Calcium	05/11/99	3200	NLE	4.396
Chromium	05/11/99	54.8	NLE	0.110
Cobalt	05/11/99	2.21	NLE	0.110
Copper	05/11/99	14.1	600	0.659
Iron	05/11/99	18000	NLE	2.198
Lead	05/11/99	81.0	400	0.440
Magnesium	05/11/99	1440	NLE	4.396
Manganese	05/11/99	57.1	NLE	0.110
Mercury	05/26/99	0.201	14	0.023
Nickel	05/11/99	8.26	250	0.110
Potassium	05/11/99	3090	NLE	4.396
Selenium	05/11/99	1.03	63	0.659
Silver	05/11/99	ND	110	0.659
Sodium	05/11/99	216	NLE	4.396
Thallium	05/11/99	ND	2	0.659
Vanadium	05/11/99	37.5	370	0.220
Zinc	05/11/99	118	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 #: 4469.06
Sample Received: 05/07/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-173, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	05/11/99	17500	NLE	2.380
Antimony	05/11/99	0.969	14	0.476
Arsenic	05/11/99	16.4	20	0.476
Barium	05/11/99	61.2	700	0.119
Beryllium	05/11/99	1.66	1	0.119
Cadmium	05/11/99	ND	1	0.119
Calcium	05/11/99	769	NLE	4.760
Chromium	05/11/99	198	NLE	0.119
Cobalt	05/11/99	1.37	NLE	0.119
Copper	05/11/99	23.9	600	0.714
Iron	05/11/99	46600	NLE	2.380
Lead	05/11/99	41.1	400	0.476
Magnesium	05/11/99	5090	NLE	4.760
Manganese	05/11/99	22.8	NLE	0.119
Mercury	05/26/99	0.093	14	0.026
Nickel	05/11/99	8.00	250	0.119
Potassium	05/11/99	14800	NLE	4.760
Selenium	05/11/99	1.44	63	0.714
Silver	05/11/99	ND	110	0.714
Sodium	05/11/99	200	NLE	4.760
Thallium	05/11/99	ND	2	0.714
Vanadium	05/11/99	74.0	370	0.238
Zinc	05/11/99	88.9	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 #: 4469.08
Sample Received: 05/07/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-174, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	05/11/99	5890	NLE	2.062
Antimony	05/11/99	0.983	14	0.412
Arsenic	05/11/99	2.89	20	0.412
Barium	05/11/99	21.5	700	0.103
Beryllium	05/11/99	0.526	1	0.103
Cadmium	05/11/99	0.974	1	0.103
Calcium	05/11/99	1910	NLE	4.124
Chromium	05/11/99	30.9	NLE	0.103
Cobalt	05/11/99	3.32	NLE	0.103
Copper	05/11/99	43.5	600	0.619
Iron	05/11/99	12100	NLE	2.062
Lead	05/11/99	57.7	400	0.412
Magnesium	05/11/99	1300	NLE	4.124
Manganese	05/11/99	56.4	NLE	0.103
Mercury	05/26/99	0.050	14	0.023
Nickel	05/11/99	11.5	250	0.103
Potassium	05/11/99	1670	NLE	4.124
Selenium	05/11/99	ND	63	0.619
Silver	05/11/99	ND	110	0.619
Sodium	05/11/99	143	NLE	4.124
Thallium	05/11/99	ND	2	0.619
Vanadium	05/11/99	27.3	370	0.206
Zinc	05/11/99	71.7	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 #: 4469.10
Sample Received: 05/07/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-175, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	05/11/99	9640	NLE	2.050
Antimony	05/11/99	0.753	14	0.410
Arsenic	05/11/99	6.62	20	0.410
Barium	05/11/99	15.0	700	0.103
Beryllium	05/11/99	0.490	1	0.103
Cadmium	05/11/99	ND	1	0.103
Calcium	05/11/99	852	NLE	4.100
Chromium	05/11/99	53.4	NLE	0.103
Cobalt	05/11/99	1.20	NLE	0.103
Copper	05/11/99	7.17	600	0.615
Iron	05/11/99	20800	NLE	2.050
Lead	05/11/99	8.47	400	0.410
Magnesium	05/11/99	1160	NLE	4.100
Manganese	05/11/99	26.6	NLE	0.103
Mercury	05/26/99	0.061	14	0.022
Nickel	05/11/99	4.78	250	0.103
Potassium	05/11/99	3000	NLE	4.100
Selenium	05/11/99	ND	63	0.615
Silver	05/11/99	ND	110	0.615
Sodium	05/11/99	67.4	NLE	4.100
Thallium	05/11/99	ND	2	0.615
Vanadium	05/11/99	46.0	370	0.205
Zinc	05/11/99	30.3	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 #: 4473.02
Sample Received: 05/10/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-176, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/10/99	10300	NLE	1.975
Antimony	06/10/99	3.78	14	0.395
Arsenic	06/10/99	7.48	20	0.395
Barium	06/10/99	79.3	700	0.099
Beryllium	06/10/99	0.652	1	0.099
Cadmium	06/10/99	0.768	1	0.099
Calcium	06/10/99	2670	NLE	3.951
Chromium	06/10/99	60.0	NLE	0.099
Cobalt	06/10/99	2.72	NLE	0.099
Copper	06/10/99	23.8	600	0.593
Iron	06/10/99	21100	NLE	1.975
Lead	06/10/99	164	100	0.395
Magnesium	06/10/99	2170	NLE	3.951
Manganese	06/10/99	71.4	NLE	0.099
Mercury	06/09/99	0.354	14	0.020
Nickel	06/10/99	7.43	250	0.099
Potassium	06/10/99	3510	NLE	3.951
Selenium	06/10/99	ND	63	0.593
Silver	06/10/99	ND	110	0.593
Sodium	06/10/99	136	NLE	3.951
Thallium	06/10/99	ND	2	0.593
Vanadium	06/10/99	47.1	370	0.198
Zinc	06/10/99	220	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 #: 4473.04
Sample Received: 05/10/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-177, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/10/99	8820	NLE	2.260
Antimony	06/10/99	1.17	14	0.452
Arsenic	06/10/99	8.18	20	0.452
Barium	06/10/99	54.9	700	0.113
Beryllium	06/10/99	0.818	1	0.113
Cadmium	06/10/99	0.656	1	0.113
Calcium	06/10/99	3690	NLE	4.520
Chromium	06/10/99	82.0	NLE	0.113
Cobalt	06/10/99	2.38	NLE	0.113
Copper	06/10/99	18.5	600	0.678
Iron	06/10/99	20800	NLE	2.260
Lead	06/10/99	88.5	100	0.452
Magnesium	06/10/99	2250	NLE	4.520
Manganese	06/10/99	39.1	NLE	0.113
Mercury	06/09/99	0.521	14	0.026
Nickel	06/10/99	8.00	250	0.113
Potassium	06/10/99	4620	NLE	4.520
Selenium	06/10/99	ND	63	0.678
Silver	06/10/99	1.88	110	0.678
Sodium	06/10/99	133	NLE	4.520
Thallium	06/10/99	ND	2	0.678
Vanadium	06/10/99	47.3	370	0.226
Zinc	06/10/99	101	1500	0.226

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4473.06
Sample Received: 05/10/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-178, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/10/99	10500	NLE	2.062
Antimony	06/10/99	0.809	14	0.412
Arsenic	06/10/99	7.44	20	0.412
Barium	06/10/99	66.4	700	0.103
Beryllium	06/10/99	0.925	1	0.103
Cadmium	06/10/99	1.28	1	0.103
Calcium	06/10/99	2290	NLE	4.125
Chromium	06/10/99	85.0	NLE	0.103
Cobalt	06/10/99	2.77	NLE	0.103
Copper	06/10/99	18.2	600	0.619
Iron	06/10/99	22400	NLE	2.062
Lead	06/10/99	50.3	100	0.412
Magnesium	06/10/99	2300	NLE	4.125
Manganese	06/10/99	73.2	NLE	0.103
Mercury	06/09/99	0.420	14	0.024
Nickel	06/10/99	8.73	250	0.103
Potassium	06/10/99	4480	NLE	4.125
Selenium	06/10/99	0.929	63	0.619
Silver	06/10/99	1.32	110	0.619
Sodium	06/10/99	276	NLE	4.125
Thallium	06/10/99	ND	2	0.619
Vanadium	06/10/99	50.2	370	0.206
Zinc	06/10/99	72.8	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 #: 4473.08
Sample Received: 05/10/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-179, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/10/99	9270	NLE	2.579
Antimony	06/10/99	13.7	14	0.516
Arsenic	06/10/99	7.35	20	0.516
Barium	06/10/99	84.8	700	0.129
Beryllium	06/10/99	0.638	1	0.129
Cadmium	06/10/99	0.792	1	0.129
Calcium	06/10/99	11200	NLE	5.158
Chromium	06/10/99	62.8	NLE	0.129
Cobalt	06/10/99	3.41	NLE	0.129
Copper	06/10/99	38.7	600	0.774
Iron	06/10/99	19500	NLE	2.579
Lead	06/10/99	191	100	0.516
Magnesium	06/10/99	2700	NLE	5.158
Manganese	06/10/99	91.1	NLE	0.129
Mercury	06/09/99	0.981	14	0.025
Nickel	06/10/99	9.00	250	0.129
Potassium	06/10/99	3650	NLE	5.158
Selenium	06/10/99	ND	63	0.774
Silver	06/10/99	ND	110	0.774
Sodium	06/10/99	175	NLE	5.158
Thallium	06/10/99	ND	2	0.774
Vanadium	06/10/99	42.9	370	0.258
Zinc	06/10/99	198	1500	0.258

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4473.10
Sample Received: 05/10/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-180, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/10/99	12500	NLE	1.861
Antimony	06/10/99	3.01	14	0.372
Arsenic	06/10/99	8.83	20	0.372
Barium	06/10/99	286	700	0.093
Beryllium	06/10/99	0.925	1	0.093
Cadmium	06/10/99	0.809	1	0.093
Calcium	06/10/99	11200	NLE	3.723
Chromium	06/10/99	92.5	NLE	0.093
Cobalt	06/10/99	3.25	NLE	0.093
Copper	06/10/99	11.7	600	0.558
Iron	06/10/99	28500	NLE	1.861
Lead	06/10/99	1210	100	0.372
Magnesium	06/10/99	2940	NLE	3.723
Manganese	06/10/99	61.7	NLE	0.093
Mercury	06/09/99	0.475	14	0.023
Nickel	06/10/99	10.2	250	0.093
Potassium	06/10/99	5810	NLE	3.723
Selenium	06/10/99	0.667	63	0.558
Silver	06/10/99	ND	110	0.558
Sodium	06/10/99	131	NLE	3.723
Thallium	06/10/99	ND	2	0.558
Vanadium	06/10/99	59.3	370	0.186
Zinc	06/10/99	1280	1500	0.186

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4473.14
Sample Received: 05/10/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-181-6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/10/99	9240	NLE	2.623
Antimony	06/10/99	2.41	14	0.525
Arsenic	06/10/99	7.27	20	0.525
Barium	06/10/99	53.3	700	0.131
Beryllium	06/10/99	0.744	1	0.131
Cadmium	06/10/99	1.01	1	0.131
Calcium	06/10/99	3790	NLE	5.247
Chromium	06/10/99	73.3	NLE	0.131
Cobalt	06/10/99	2.76	NLE	0.131
Copper	06/10/99	17.7	600	0.787
Iron	06/10/99	21500	NLE	2.623
Lead	06/10/99	106	100	0.525
Magnesium	06/10/99	2250	NLE	5.247
Manganese	06/10/99	61.1	NLE	0.131
Mercury	06/09/99	0.565	14	0.024
Nickel	06/10/99	7.39	250	0.131
Potassium	06/10/99	4710	NLE	5.247
Selenium	06/10/99	ND	63	0.787
Silver	06/10/99	2.83	110	0.787
Sodium	06/10/99	156	NLE	5.247
Thallium	06/10/99	ND	2	0.787
Vanadium	06/10/99	43.8	370	0.262
Zinc	06/10/99	135	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 #: 4473.16
Sample Received: 05/10/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-182, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/10/99	13100	NLE	2.353
Antimony	06/10/99	1.13	14	0.471
Arsenic	06/10/99	10.4	20	0.471
Barium	06/10/99	80.1	700	0.118
Beryllium	06/10/99	1.01	1	0.118
Cadmium	06/10/99	0.791	1	0.118
Calcium	06/10/99	1690	NLE	4.706
Chromium	06/10/99	102	NLE	0.118
Cobalt	06/10/99	2.74	NLE	0.118
Copper	06/10/99	23.1	600	0.706
Iron	06/10/99	23400	NLE	2.353
Lead	06/10/99	40.5	100	0.471
Magnesium	06/10/99	2390	NLE	4.706
Manganese	06/10/99	79.4	NLE	0.118
Mercury	06/09/99	1.12	14	0.024
Nickel	06/10/99	9.23	250	0.118
Potassium	06/10/99	4460	NLE	4.706
Selenium	06/10/99	1.19	63	0.706
Silver	06/10/99	24.2	110	0.706
Sodium	06/10/99	157	NLE	4.706
Thallium	06/10/99	ND	2	0.706
Vanadium	06/10/99	52.2	370	0.235
Zinc	06/10/99	153	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 #: 4473.18
Sample Received: 05/10/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-183, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/10/99	13500	NLE	2.216
Antimony	06/10/99	5.23	14	0.443
Arsenic	06/10/99	7.44	20	0.443
Barium	06/10/99	46.0	700	0.111
Beryllium	06/10/99	0.773	1	0.111
Cadmium	06/10/99	0.803	1	0.111
Calcium	06/10/99	3900	NLE	4.433
Chromium	06/10/99	88.6	NLE	0.111
Cobalt	06/10/99	2.15	NLE	0.111
Copper	06/10/99	15.9	600	0.665
Iron	06/10/99	27400	NLE	2.216
Lead	06/10/99	87.1	100	0.443
Magnesium	06/10/99	2100	NLE	4.433
Manganese	06/10/99	48.8	NLE	0.111
Mercury	06/09/99	0.314	14	0.024
Nickel	06/10/99	8.53	250	0.111
Potassium	06/10/99	4630	NLE	4.433
Selenium	06/10/99	ND	63	0.665
Silver	06/10/99	ND	110	0.665
Sodium	06/10/99	155	NLE	4.433
Thallium	06/10/99	ND	2	0.665
Vanadium	06/10/99	79.3	370	0.222
Zinc	06/10/99	187	1500	0.222

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4473.20
Sample Received: 05/10/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-184, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/10/99	12900	NLE	1.978
Antimony	06/10/99	0.573	14	0.396
Arsenic	06/10/99	8.02	20	0.396
Barium	06/10/99	37.0	700	0.099
Beryllium	06/10/99	0.898	1	0.099
Cadmium	06/10/99	0.489	1	0.099
Calcium	06/10/99	1580	NLE	3.957
Chromium	06/10/99	90.1	NLE	0.099
Cobalt	06/10/99	2.67	NLE	0.099
Copper	06/10/99	11.0	600	0.593
Iron	06/10/99	28800	NLE	1.978
Lead	06/10/99	48.2	100	0.396
Magnesium	06/10/99	3170	NLE	3.957
Manganese	06/10/99	71.2	NLE	0.099
Mercury	06/09/99	0.102	14	0.023
Nickel	06/10/99	8.57	250	0.099
Potassium	06/10/99	6890	NLE	3.957
Selenium	06/10/99	0.643	63	0.593
Silver	06/10/99	ND	110	0.593
Sodium	06/10/99	236	NLE	3.957
Thallium	06/10/99	ND	2	0.593
Vanadium	06/10/99	81.8	370	0.198
Zinc	06/10/99	51.6	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 #: 4474.02
Sample Received: 05/11/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-185, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/10/99	8850	NLE	2.178
Antimony	06/10/99	0.796	14	0.436
Arsenic	06/10/99	9580	20	0.436
Barium	06/10/99	9.88	700	0.109
Beryllium	06/10/99	44.6	1	0.109
Cadmium	06/10/99	0.599	1	0.109
Calcium	06/10/99	1500	NLE	4.356
Chromium	06/10/99	87.9	NLE	0.109
Cobalt	06/10/99	2.52	NLE	0.109
Copper	06/10/99	12.4	600	0.653
Iron	06/10/99	23100	NLE	2.178
Lead	06/10/99	36.1	100	0.436
Magnesium	06/10/99	2560	NLE	4.356
Manganese	06/10/99	61.1	NLE	0.109
Mercury	06/09/99	0.416	14	0.025
Nickel	06/10/99	8.12	250	0.109
Potassium	06/10/99	5340	NLE	4.356
Selenium	06/10/99	0.687	63	0.653
Silver	06/10/99	2.80	110	0.653
Sodium	06/10/99	161	NLE	4.356
Thallium	06/10/99	ND	2	0.653
Vanadium	06/10/99	47.1	370	0.218
Zinc	06/10/99	65.0	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 #: 4474.04
Sample Received: 05/11/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-186, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/10/99	8550	NLE	2.030
Antimony	06/10/99	0.791	14	0.406
Arsenic	06/10/99	6.53	20	0.406
Barium	06/10/99	41.1	700	0.101
Beryllium	06/10/99	0.574	1	0.101
Cadmium	06/10/99	0.60	1	0.101
Calcium	06/10/99	4630	NLE	4.059
Chromium	06/10/99	98.0	NLE	0.101
Cobalt	06/10/99	2.80	NLE	0.101
Copper	06/10/99	97.5	600	0.609
Iron	06/10/99	17000	NLE	2.030
Lead	06/10/99	40.7	100	0.406
Magnesium	06/10/99	2220	NLE	4.059
Manganese	06/10/99	57.8	NLE	0.101
Mercury	06/09/99	0.274	14	0.024
Nickel	06/10/99	6.94	250	0.101
Potassium	06/10/99	3340	NLE	4.059
Selenium	06/10/99	0.614	63	0.609
Silver	06/10/99	ND	110	0.609
Sodium	06/10/99	207	NLE	4.059
Thallium	06/10/99	ND	2	0.609
Vanadium	06/10/99	42.1	370	0.203
Zinc	06/10/99	53.5	1500	0.203

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4474.06
Sample Received: 05/11/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-187, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/10/99	11300	NLE	2.206
Antimony	06/10/99	ND	14	0.441
Arsenic	06/10/99	5.91	20	0.441
Barium	06/10/99	30.1	700	0.110
Beryllium	06/10/99	0.571	1	0.110
Cadmium	06/10/99	0.380	1	0.110
Calcium	06/10/99	434	NLE	4.412
Chromium	06/10/99	49.9	NLE	0.110
Cobalt	06/10/99	2.50	NLE	0.110
Copper	06/10/99	7.67	600	0.662
Iron	06/10/99	21800	NLE	2.206
Lead	06/10/99	14.6	100	0.441
Magnesium	06/10/99	1460	NLE	4.412
Manganese	06/10/99	60.8	NLE	0.110
Mercury	06/09/99	0.347	14	0.023
Nickel	06/10/99	6.27	250	0.110
Potassium	06/10/99	3050	NLE	4.412
Selenium	06/10/99	ND	63	0.662
Silver	06/10/99	ND	110	0.662
Sodium	06/10/99	128	NLE	4.412
Thallium	06/10/99	ND	2	0.662
Vanadium	06/10/99	46.5	370	0.221
Zinc	06/10/99	27.8	1500	0.221

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4474.08
Sample Received: 05/11/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-188, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/10/99	7930	NLE	2.272
Antimony	06/10/99	0.787	14	0.454
Arsenic	06/10/99	6.97	20	0.454
Barium	06/10/99	77.0	700	0.114
Beryllium	06/10/99	0.682	1	0.114
Cadmium	06/10/99	0.829	1	0.114
Calcium	06/10/99	1480	NLE	4.545
Chromium	06/10/99	66.1	NLE	0.114
Cobalt	06/10/99	2.86	NLE	0.114
Copper	06/10/99	13.2	600	0.682
Iron	06/10/99	20400	NLE	2.272
Lead	06/10/99	77.1	100	0.454
Magnesium	06/10/99	1650	NLE	4.545
Manganese	06/10/99	110	NLE	0.114
Mercury	06/09/99	0.355	14	0.021
Nickel	06/10/99	6.80	250	0.114
Potassium	06/10/99	3260	NLE	4.545
Selenium	06/10/99	0.795	63	0.682
Silver	06/10/99	2.32	110	0.682
Sodium	06/10/99	110	NLE	4.545
Thallium	06/10/99	ND	2	0.682
Vanadium	06/10/99	38.5	370	0.227
Zinc	06/10/99	87.3	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 #: 4474.10
Sample Received: 05/11/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-~~190~~ 189, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/10/99	10900	NLE	2.185
Antimony	06/10/99	0.518	14	0.437
Arsenic	06/10/99	5.86	20	0.437
Barium	06/10/99	19.7	700	0.109
Beryllium	06/10/99	0.584	1	0.109
Cadmium	06/10/99	0.343	1	0.109
Calcium	06/10/99	206	NLE	4.371
Chromium	06/10/99	62.6	NLE	0.109
Cobalt	06/10/99	3.04	NLE	0.109
Copper	06/10/99	8.61	600	0.656
Iron	06/10/99	20800	NLE	2.185
Lead	06/10/99	5.49	100	0.437
Magnesium	06/10/99	1490	NLE	4.371
Manganese	06/10/99	81.3	NLE	0.109
Mercury	06/09/99	0.254	14	0.024
Nickel	06/10/99	10.3	250	0.109
Potassium	06/10/99	3470	NLE	4.371
Selenium	06/10/99	ND	63	0.656
Silver	06/10/99	ND	110	0.656
Sodium	06/10/99	122	NLE	4.371
Thallium	06/10/99	ND	2	0.656
Vanadium	06/10/99	52.4	370	0.219
Zinc	06/10/99	28.0	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 #: 4474.14
Sample Received: 05/11/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-190, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/10/99	10300	NLE	2.267
Antimony	06/10/99	1.89	14	0.453
Arsenic	06/10/99	8.19	20	0.453
Barium	06/10/99	53.8	700	0.113
Beryllium	06/10/99	0.817	1	0.113
Cadmium	06/10/99	0.798	1	0.113
Calcium	06/10/99	2550	NLE	4.535
Chromium	06/10/99	84.0	NLE	0.113
Cobalt	06/10/99	2.79	NLE	0.113
Copper	06/10/99	22.4	600	0.680
Iron	06/10/99	23000	NLE	2.267
Lead	06/10/99	77.0	100	0.453
Magnesium	06/10/99	2250	NLE	4.535
Manganese	06/10/99	59.6	NLE	0.113
Mercury	06/09/99	0.392	14	0.023
Nickel	06/10/99	11.5	250	0.113
Potassium	06/10/99	4460	NLE	4.535
Selenium	06/10/99	1.33	63	0.680
Silver	06/10/99	1.74	110	0.680
Sodium	06/10/99	237	NLE	4.535
Thallium	06/10/99	ND	2	0.680
Vanadium	06/10/99	54.0	370	0.227
Zinc	06/10/99	99.5	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 #: 4474.16
Sample Received: 05/11/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-191, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/10/99	9870	NLE	2.112
Antimony	06/10/99	1.41	14	0.422
Arsenic	06/10/99	7.76	20	0.422
Barium	06/10/99	43.8	700	0.106
Beryllium	06/10/99	0.754	1	0.106
Cadmium	06/10/99	0.606	1	0.106
Calcium	06/10/99	3230	NLE	4.224
Chromium	06/10/99	93.5	NLE	0.106
Cobalt	06/10/99	3.15	NLE	0.106
Copper	06/10/99	66.4	600	0.634
Iron	06/10/99	23700	NLE	2.112
Lead	06/10/99	51.0	100	0.422
Magnesium	06/10/99	2530	NLE	4.224
Manganese	06/10/99	68.1	NLE	0.106
Mercury	06/09/99	0.350	14	0.021
Nickel	06/10/99	9.81	250	0.106
Potassium	06/10/99	4210	NLE	4.224
Selenium	06/10/99	0.68	63	0.634
Silver	06/10/99	1.52	110	0.634
Sodium	06/10/99	251	NLE	4.224
Thallium	06/10/99	ND	2	0.634
Vanadium	06/10/99	49.3	370	0.211
Zinc	06/10/99	65.5	1500	0.211

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4474.18
Sample Received: 05/11/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-192, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/10/99	10100	NLE	2.035
Antimony	06/10/99	1.16	14	0.407
Arsenic	06/10/99	9.50	20	0.407
Barium	06/10/99	34.0	700	0.102
Beryllium	06/10/99	0.806	1	0.102
Cadmium	06/10/99	1.57	1	0.102
Calcium	06/10/99	1470	NLE	4.070
Chromium	06/10/99	78.3	NLE	0.102
Cobalt	06/10/99	2.51	NLE	0.102
Copper	06/10/99	24.7	600	0.611
Iron	06/10/99	26800	NLE	2.035
Lead	06/10/99	47.5	100	0.407
Magnesium	06/10/99	2630	NLE	4.070
Manganese	06/10/99	69.1	NLE	0.102
Mercury	06/09/99	0.297	14	0.025
Nickel	06/10/99	7.57	250	0.102
Potassium	06/10/99	5030	NLE	4.070
Selenium	06/10/99	1.12	63	0.611
Silver	06/10/99	ND	110	0.611
Sodium	06/10/99	139	NLE	4.070
Thallium	06/10/99	ND	2	0.611
Vanadium	06/10/99	54.4	370	0.204
Zinc	06/10/99	76.8	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 #: 4474.20
Sample Received: 05/11/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-193, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/10/99	9160	NLE	2.258
Antimony	06/10/99	0.462	14	0.452
Arsenic	06/10/99	5.49	20	0.452
Barium	06/10/99	16.5	700	0.113
Beryllium	06/10/99	0.511	1	0.113
Cadmium	06/10/99	0.360	1	0.113
Calcium	06/10/99	210	NLE	4.516
Chromium	06/10/99	47.7	NLE	0.113
Cobalt	06/10/99	1.87	NLE	0.113
Copper	06/10/99	10.9	600	0.677
Iron	06/10/99	18900	NLE	2.258
Lead	06/10/99	8.31	100	0.452
Magnesium	06/10/99	1300	NLE	4.516
Manganese	06/10/99	35.1	NLE	0.113
Mercury	06/09/99	0.192	14	0.020
Nickel	06/10/99	5.24	250	0.113
Potassium	06/10/99	2720	NLE	4.516
Selenium	06/10/99	0.978	63	0.677
Silver	06/10/99	ND	110	0.677
Sodium	06/10/99	79.0	NLE	4.516
Thallium	06/10/99	ND	2	0.677
Vanadium	06/10/99	46.4	370	0.226
Zinc	06/10/99	15.9	1500	0.226

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4474.22
Sample Received: 05/11/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-194, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/10/99	8210	NLE	2.054
Antimony	06/10/99	0.561	14	0.411
Arsenic	06/10/99	4.87	20	0.411
Barium	06/10/99	12.1	700	0.103
Beryllium	06/10/99	0.533	1	0.103
Cadmium	06/10/99	0.382	1	0.103
Calcium	06/10/99	493	NLE	4.108
Chromium	06/10/99	51.6	NLE	0.103
Cobalt	06/10/99	2.66	NLE	0.103
Copper	06/10/99	5.20	600	0.616
Iron	06/10/99	19800	NLE	2.054
Lead	06/10/99	4.88	100	0.411
Magnesium	06/10/99	1320	NLE	4.108
Manganese	06/10/99	108	NLE	0.103
Mercury	06/09/99	0.293	14	0.023
Nickel	06/10/99	4.34	250	0.103
Potassium	06/10/99	3190	NLE	4.108
Selenium	06/10/99	1.07	63	0.616
Silver	06/10/99	ND	110	0.616
Sodium	06/10/99	104	NLE	4.108
Thallium	06/10/99	ND	2	0.616
Vanadium	06/10/99	49.0	370	0.205
Zinc	06/10/99	17.1	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 #: 4474.24
Sample Received: 05/11/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-195, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/10/99	14900	NLE	2.108
Antimony	06/10/99	0.794	14	0.422
Arsenic	06/10/99	7.61	20	0.422
Barium	06/10/99	29.8	700	0.105
Beryllium	06/10/99	0.801	1	0.105
Cadmium	06/10/99	0.405	1	0.105
Calcium	06/10/99	893	NLE	4.216
Chromium	06/10/99	70.9	NLE	0.105
Cobalt	06/10/99	3.92	NLE	0.105
Copper	06/10/99	7.97	600	0.632
Iron	06/10/99	28900	NLE	2.108
Lead	06/10/99	7.71	100	0.422
Magnesium	06/10/99	2150	NLE	4.216
Manganese	06/10/99	147	NLE	0.105
Mercury	06/09/99	0.219	14	0.024
Nickel	06/10/99	8.73	250	0.105
Potassium	06/10/99	4270	NLE	4.216
Selenium	06/10/99	0.925	63	0.632
Silver	06/10/99	ND	110	0.632
Sodium	06/10/99	168	NLE	4.216
Thallium	06/10/99	ND	2	0.632
Vanadium	06/10/99	63.9	370	0.211
Zinc	06/10/99	31.1	1500	0.211

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4481.02
Sample Received: 05/13/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-196, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/10/99	6890	NLE	2.222
Antimony	06/10/99	1.23	14	0.444
Arsenic	06/10/99	6.18	20	0.444
Barium	06/10/99	86.1	700	0.111
Beryllium	06/10/99	0.541	1	0.111
Cadmium	06/10/99	1.14	1	0.111
Calcium	06/10/99	2590	NLE	4.444
Chromium	06/10/99	52.7	NLE	0.111
Cobalt	06/10/99	2.75	NLE	0.111
Copper	06/10/99	21.2	600	0.667
Iron	06/10/99	18100	NLE	2.222
Lead	06/10/99	107	100	0.444
Magnesium	06/10/99	1650	NLE	4.444
Manganese	06/10/99	59.1	NLE	0.111
Mercury	06/10/99	1.75	14	0.019
Nickel	06/10/99	9.29	250	0.111
Potassium	06/10/99	2950	NLE	4.444
Selenium	06/10/99	1.16	63	0.667
Silver	06/10/99	ND	110	0.667
Sodium	06/10/99	137	NLE	4.444
Thallium	06/10/99	ND	2	0.667
Vanadium	06/10/99	38.8	370	0.222
Zinc	06/10/99	167	1500	0.222

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4481.04
Sample Received: 05/13/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-197, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/10/99	10700	NLE	2.083
Antimony	06/10/99	1.08	14	0.417
Arsenic	06/10/99	6.06	20	0.417
Barium	06/10/99	23.9	700	0.104
Beryllium	06/10/99	0.802	1	0.104
Cadmium	06/10/99	0.592	1	0.104
Calcium	06/10/99	1840	NLE	4.166
Chromium	06/10/99	86.0	NLE	0.104
Cobalt	06/10/99	1.34	NLE	0.104
Copper	06/10/99	10.9	600	0.625
Iron	06/10/99	22700	NLE	2.083
Lead	06/10/99	8.16	100	0.417
Magnesium	06/10/99	2960	NLE	4.166
Manganese	06/10/99	31.4	NLE	0.104
Mercury	06/10/99	16.6	14	0.225
Nickel	06/10/99	5.07	250	0.104
Potassium	06/10/99	4960	NLE	4.166
Selenium	06/10/99	1.07	63	0.625
Silver	06/10/99	ND	110	0.625
Sodium	06/10/99	128	NLE	4.166
Thallium	06/10/99	ND	2	0.625
Vanadium	06/10/99	41.9	370	0.208
Zinc	06/10/99	34.3	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 #: 4481.06
Sample Received: 05/13/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-198, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/10/99	22200	NLE	2.473
Antimony	06/10/99	0.553	14	0.495
Arsenic	06/10/99	25.6	20	0.495
Barium	06/10/99	49.6	700	0.124
Beryllium	06/10/99	1.91	1	0.124
Cadmium	06/10/99	2.33	1	0.124
Calcium	06/10/99	923	NLE	4.946
Chromium	06/10/99	132	NLE	0.124
Cobalt	06/10/99	4.01	NLE	0.124
Copper	06/10/99	19.3	600	0.742
Iron	06/10/99	121000	NLE	2.473
Lead	06/10/99	22.3	100	0.495
Magnesium	06/10/99	2640	NLE	4.946
Manganese	06/10/99	105	NLE	0.124
Mercury	06/10/99	216	14	2.423
Nickel	06/10/99	19.7	250	0.124
Potassium	06/10/99	4830	NLE	4.946
Selenium	06/10/99	3.17	63	0.742
Silver	06/10/99	ND	110	0.742
Sodium	06/10/99	165	NLE	4.946
Thallium	06/10/99	ND	2	0.742
Vanadium	06/10/99	222	370	0.247
Zinc	06/10/99	133	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 #: 4481.08
Sample Received: 05/13/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-199, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/10/99	8390	NLE	2.393
Antimony	06/10/99	0.867	14	0.479
Arsenic	06/10/99	4.61	20	0.479
Barium	06/10/99	40.8	700	0.120
Beryllium	06/10/99	0.733	1	0.120
Cadmium	06/10/99	1.34	1	0.120
Calcium	06/10/99	2920	NLE	4.787
Chromium	06/10/99	76.0	NLE	0.120
Cobalt	06/10/99	2.27	NLE	0.120
Copper	06/10/99	16.7	600	0.718
Iron	06/10/99	19400	NLE	2.393
Lead	06/10/99	153	100	0.479
Magnesium	06/10/99	2270	NLE	4.787
Manganese	06/10/99	48.3	NLE	0.120
Mercury	06/10/99	4.84	14	0.093
Nickel	06/10/99	7.46	250	0.120
Potassium	06/10/99	4130	NLE	4.787
Selenium	06/10/99	1.10	63	0.718
Silver	06/10/99	ND	110	0.718
Sodium	06/10/99	155	NLE	4.787
Thallium	06/10/99	ND	2	0.718
Vanadium	06/10/99	40.5	370	0.239
Zinc	06/10/99	172	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 #: 4481.10
Sample Received: 05/13/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-200, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/10/99	11500	NLE	2.083
Antimony	06/10/99	2.21	14	0.417
Arsenic	06/10/99	3.55	20	0.417
Barium	06/10/99	47.3	700	0.104
Beryllium	06/10/99	2.64	1	0.104
Cadmium	06/10/99	26.6	1	0.104
Calcium	06/10/99	2980	NLE	4.165
Chromium	06/10/99	33.0	NLE	0.104
Cobalt	06/10/99	4.25	NLE	0.104
Copper	06/10/99	45.0	600	0.625
Iron	06/10/99	9340	NLE	2.083
Lead	06/10/99	42.0	100	0.417
Magnesium	06/10/99	1820	NLE	4.165
Manganese	06/10/99	41.5	NLE	0.104
Mercury	06/10/99	0.526	14	0.024
Nickel	06/10/99	19.0	250	0.104
Potassium	06/10/99	1730	NLE	4.165
Selenium	06/10/99	ND	63	0.625
Silver	06/10/99	ND	110	0.625
Sodium	06/10/99	123	NLE	4.165
Thallium	06/10/99	ND	2	0.625
Vanadium	06/10/99	25.3	370	0.208
Zinc	06/10/99	332	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 #: 4481.14
Sample Received: 05/13/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-201, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/10/99	10400	NLE	2.006
Antimony	06/10/99	1.64	14	0.401
Arsenic	06/10/99	8.68	20	0.401
Barium	06/10/99	35.0	700	0.100
Beryllium	06/10/99	0.774	1	0.100
Cadmium	06/10/99	1.98	1	0.100
Calcium	06/10/99	1540	NLE	4.012
Chromium	06/10/99	79.5	NLE	0.100
Cobalt	06/10/99	2.28	NLE	0.100
Copper	06/10/99	15.5	600	0.602
Iron	06/10/99	28000	NLE	2.006
Lead	06/10/99	54.4	100	0.401
Magnesium	06/10/99	2110	NLE	4.012
Manganese	06/10/99	48.8	NLE	0.100
Mercury	06/10/99	0.938	14	0.022
Nickel	06/10/99	10.2	250	0.100
Potassium	06/10/99	4430	NLE	4.012
Selenium	06/10/99	ND	63	0.602
Silver	06/10/99	ND	110	0.602
Sodium	06/10/99	129	NLE	4.012
Thallium	06/10/99	ND	2	0.602
Vanadium	06/10/99	68.2	370	0.201
Zinc	06/10/99	123	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 #: 4481.16
Sample Received: 05/13/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-202, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/10/99	14100	NLE	2.224
Antimony	06/10/99	0.741	14	0.445
Arsenic	06/10/99	6.78	20	0.445
Barium	06/10/99	82.6	700	0.111
Beryllium	06/10/99	0.878	1	0.111
Cadmium	06/10/99	0.873	1	0.111
Calcium	06/10/99	1480	NLE	4.447
Chromium	06/10/99	77.2	NLE	0.111
Cobalt	06/10/99	2.13	NLE	0.111
Copper	06/10/99	4.87	600	0.667
Iron	06/10/99	21200	NLE	2.224
Lead	06/10/99	15.8	100	0.445
Magnesium	06/10/99	2150	NLE	4.447
Manganese	06/10/99	24.8	NLE	0.111
Mercury	06/10/99	1.68	14	0.020
Nickel	06/10/99	7.01	250	0.111
Potassium	06/10/99	3770	NLE	4.447
Selenium	06/10/99	1.04	63	0.667
Silver	06/10/99	.864	110	0.667
Sodium	06/10/99	160	NLE	4.447
Thallium	06/10/99	ND	2	0.667
Vanadium	06/10/99	47.0	370	0.222
Zinc	06/10/99	70.7	1500	0.222

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4481.18
Sample Received: 05/13/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-203, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/10/99	10900	NLE	2.381
Antimony	06/10/99	1.25	14	0.476
Arsenic	06/10/99	6.08	20	0.476
Barium	06/10/99	35.6	700	0.119
Beryllium	06/10/99	1.25	1	0.119
Cadmium	06/10/99	0.719	1	0.119
Calcium	06/10/99	352	NLE	4.761
Chromium	06/10/99	101	NLE	0.119
Cobalt	06/10/99	1.24	NLE	0.119
Copper	06/10/99	120	600	0.714
Iron	06/10/99	24700	NLE	2.381
Lead	06/10/99	28.5	100	0.476
Magnesium	06/10/99	3070	NLE	4.761
Manganese	06/10/99	16.4	NLE	0.119
Mercury	06/10/99	0.381	14	0.026
Nickel	06/10/99	5.55	250	0.119
Potassium	06/10/99	6700	NLE	4.761
Selenium	06/10/99	1.17	63	0.714
Silver	06/10/99	ND	110	0.714
Sodium	06/10/99	120	NLE	4.761
Thallium	06/10/99	ND	2	0.714
Vanadium	06/10/99	48.2	370	0.238
Zinc	06/10/99	43.8	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 #: 4481.20
Sample Received: 05/13/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-204, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/10/99	19400	NLE	2.106
Antimony	06/10/99	0.967	14	0.421
Arsenic	06/10/99	6.65	20	0.421
Barium	06/10/99	116	700	0.105
Beryllium	06/10/99	1.48	1	0.105
Cadmium	06/10/99	2.41	1	0.105
Calcium	06/10/99	4340	NLE	4.212
Chromium	06/10/99	109	NLE	0.105
Cobalt	06/10/99	4.20	NLE	0.105
Copper	06/10/99	11.3	600	0.632
Iron	06/10/99	26000	NLE	2.106
Lead	06/10/99	26.3	100	0.421
Magnesium	06/10/99	2950	NLE	4.212
Manganese	06/10/99	312	NLE	0.105
Mercury	06/10/99	0.587	14	0.026
Nickel	06/10/99	12.4	250	0.105
Potassium	06/10/99	4200	NLE	4.212
Selenium	06/10/99	0.848	63	0.632
Silver	06/10/99	ND	110	0.632
Sodium	06/10/99	230	NLE	4.212
Thallium	06/10/99	ND	2	0.632
Vanadium	06/10/99	60.3	370	0.211
Zinc	06/10/99	167	1500	0.211

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4481.22
Sample Received: 05/13/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-205, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/10/99	14100	NLE	2.016
Antimony	06/10/99	1.64	14	0.403
Arsenic	06/10/99	11.6	20	0.403
Barium	06/10/99	53.2	700	0.101
Beryllium	06/10/99	1.25	1	0.101
Cadmium	06/10/99	1.91	1	0.101
Calcium	06/10/99	2660	NLE	4.032
Chromium	06/10/99	106	NLE	0.101
Cobalt	06/10/99	4.74	NLE	0.101
Copper	06/10/99	41.2	600	0.605
Iron	06/10/99	35000	NLE	2.016
Lead	06/10/99	66.0	100	0.403
Magnesium	06/10/99	3700	NLE	4.032
Manganese	06/10/99	84.9	NLE	0.101
Mercury	06/10/99	1.47	14	0.023
Nickel	06/10/99	12.6	250	0.101
Potassium	06/10/99	7720	NLE	4.032
Selenium	06/10/99	1.17	63	0.605
Silver	06/10/99	ND	110	0.605
Sodium	06/10/99	374	NLE	4.032
Thallium	06/10/99	ND	2	0.605
Vanadium	06/10/99	60.8	370	0.202
Zinc	06/10/99	105	1500	0.202

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4481.24
Sample Received: 05/13/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-206, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/10/99	5720	NLE	2.280
Antimony	06/10/99	ND	14	0.456
Arsenic	06/10/99	3.76	20	0.456
Barium	06/10/99	33.7	700	0.114
Beryllium	06/10/99	0.672	1	0.114
Cadmium	06/10/99	2.31	1	0.114
Calcium	06/10/99	7480	NLE	4.561
Chromium	06/10/99	56.8	NLE	0.114
Cobalt	06/10/99	1.40	NLE	0.114
Copper	06/10/99	40.4	600	0.684
Iron	06/10/99	24500	NLE	2.280
Lead	06/10/99	75.3	100	0.456
Magnesium	06/10/99	1250	NLE	4.561
Manganese	06/10/99	31.6	NLE	0.114
Mercury	06/10/99	0.297	14	0.020
Nickel	06/10/99	5.03	250	0.114
Potassium	06/10/99	2090	NLE	4.561
Selenium	06/10/99	0.750	63	0.684
Silver	06/10/99	ND	110	0.684
Sodium	06/10/99	313	NLE	4.561
Thallium	06/10/99	ND	2	0.684
Vanadium	06/10/99	23.5	370	0.228
Zinc	06/10/99	138	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 #: 4481.26
Sample Received: 05/13/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-207, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/10/99	13500	NLE	1.949
Antimony	06/10/99	1.10	14	0.390
Arsenic	06/10/99	10.3	20	0.390
Barium	06/10/99	52.8	700	0.097
Beryllium	06/10/99	1.04	1	0.097
Cadmium	06/10/99	3.64	1	0.097
Calcium	06/10/99	4670	NLE	3.899
Chromium	06/10/99	67.7	NLE	0.097
Cobalt	06/10/99	5.82	NLE	0.097
Copper	06/10/99	19.1	600	0.585
Iron	06/10/99	33400	NLE	1.949
Lead	06/10/99	280	100	0.390
Magnesium	06/10/99	2970	NLE	3.899
Manganese	06/10/99	105	NLE	0.097
Mercury	06/10/99	0.225	14	0.026
Nickel	06/10/99	16.0	250	0.097
Potassium	06/10/99	5120	NLE	3.899
Selenium	06/10/99	1.05	63	0.585
Silver	06/10/99	0.790	110	0.585
Sodium	06/10/99	349	NLE	3.899
Thallium	06/10/99	ND	2	0.585
Vanadium	06/10/99	43.3	370	0.195
Zinc	06/10/99	374	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 #: 4484.02
Sample Received: 05/14/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-208, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/10/99	9700	NLE	2.122
Antimony	06/10/99	0.892	14	0.424
Arsenic	06/10/99	7.010	20	0.424
Barium	06/10/99	29	700	0.106
Beryllium	06/10/99	0.751	1	0.106
Cadmium	06/10/99	0.625	1	0.106
Calcium	06/10/99	2760	NLE	4.243
Chromium	06/10/99	68.9	NLE	0.106
Cobalt	06/10/99	2.19	NLE	0.106
Copper	06/10/99	14.5	600	0.637
Iron	06/10/99	24300	NLE	2.122
Lead	06/10/99	40.6	100	0.424
Magnesium	06/10/99	2910	NLE	4.243
Manganese	06/10/99	64.0	NLE	0.106
Mercury	06/10/99	0.069	14	0.022
Nickel	06/10/99	6.12	250	0.106
Potassium	06/10/99	5590	NLE	4.243
Selenium	06/10/99	1.24	63	0.637
Silver	06/10/99	ND	110	0.637
Sodium	06/10/99	224	NLE	4.243
Thallium	06/10/99	ND	2	0.637
Vanadium	06/10/99	42.1	370	0.212
Zinc	06/10/99	101	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 #: 4484.04
Sample Received: 05/14/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-209, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/10/99	6940	NLE	2.438
Antimony	06/10/99	2.07	14	0.488
Arsenic	06/10/99	6.48	20	0.488
Barium	06/10/99	27.5	700	0.122
Beryllium	06/10/99	0.663	1	0.122
Cadmium	06/10/99	0.567	1	0.122
Calcium	06/10/99	1540	NLE	4.875
Chromium	06/10/99	59.9	NLE	0.122
Cobalt	06/10/99	1.61	NLE	0.122
Copper	06/10/99	11.7	600	0.731
Iron	06/10/99	20800	NLE	2.438
Lead	06/10/99	49.8	100	0.488
Magnesium	06/10/99	1970	NLE	4.875
Manganese	06/10/99	28.0	NLE	0.122
Mercury	06/10/99	0.069	14	0.023
Nickel	06/10/99	5.73	250	0.122
Potassium	06/10/99	4430	NLE	4.875
Selenium	06/10/99	1.26	63	0.731
Silver	06/10/99	ND	110	0.731
Sodium	06/10/99	222	NLE	4.875
Thallium	06/10/99	ND	2	0.731
Vanadium	06/10/99	38.1	370	0.244
Zinc	06/10/99	87.4	1500	0.244

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4484.06
Sample Received: 05/14/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-210, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/10/99	11700	NLE	2.216
Antimony	06/10/99	0.74	14	0.443
Arsenic	06/10/99	17.7	20	0.443
Barium	06/10/99	37.6	700	0.111
Beryllium	06/10/99	0.916	1	0.111
Cadmium	06/10/99	0.800	1	0.111
Calcium	06/10/99	432	NLE	4.433
Chromium	06/10/99	84.2	NLE	0.111
Cobalt	06/10/99	1.52	NLE	0.111
Copper	06/10/99	12.0	600	0.665
Iron	06/10/99	30700	NLE	2.216
Lead	06/10/99	11.3	100	0.443
Magnesium	06/10/99	3070	NLE	4.433
Manganese	06/10/99	28.0	NLE	0.111
Mercury	06/10/99	ND	14	0.024
Nickel	06/10/99	5.34	250	0.111
Potassium	06/10/99	6230	NLE	4.433
Selenium	06/10/99	1.46	63	0.665
Silver	06/10/99	ND	110	0.665
Sodium	06/10/99	186	NLE	4.433
Thallium	06/10/99	ND	2	0.665
Vanadium	06/10/99	48.3	370	0.222
Zinc	06/10/99	49.3	1500	0.222

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4484.08
Sample Received: 05/14/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-211, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/10/99	5310	NLE	2.126
Antimony	06/10/99	ND	14	0.425
Arsenic	06/10/99	7.21	20	0.425
Barium	06/10/99	66.7	700	0.106
Beryllium	06/10/99	0.557	1	0.106
Cadmium	06/10/99	0.886	1	0.106
Calcium	06/10/99	1480	NLE	4.252
Chromium	06/10/99	45.8	NLE	0.106
Cobalt	06/10/99	1.89	NLE	0.106
Copper	06/10/99	29.7	600	0.638
Iron	06/10/99	17100	NLE	2.126
Lead	06/10/99	105	100	0.425
Magnesium	06/10/99	1000	NLE	4.252
Manganese	06/10/99	33.8	NLE	0.106
Mercury	06/10/99	0.445	14	0.025
Nickel	06/10/99	5.95	250	0.106
Potassium	06/10/99	1820	NLE	4.252
Selenium	06/10/99	0.795	63	0.638
Silver	06/10/99	0.715	110	0.638
Sodium	06/10/99	141	NLE	4.252
Thallium	06/10/99	ND	2	0.638
Vanadium	06/10/99	26.9	370	0.213
Zinc	06/10/99	128	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 #: 4484.10
Sample Received: 05/14/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-212, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/10/99	9390	NLE	2.092
Antimony	06/10/99	ND	14	0.418
Arsenic	06/10/99	7.54	20	0.418
Barium	06/10/99	34.9	700	0.105
Beryllium	06/10/99	0.510	1	0.105
Cadmium	06/10/99	0.512	1	0.105
Calcium	06/10/99	1640	NLE	4.184
Chromium	06/10/99	41.9	NLE	0.105
Cobalt	06/10/99	1.99	NLE	0.105
Copper	06/10/99	13.9	600	0.628
Iron	06/10/99	17200	NLE	2.092
Lead	06/10/99	53.1	100	0.418
Magnesium	06/10/99	1140	NLE	4.184
Manganese	06/10/99	109	NLE	0.105
Mercury	06/10/99	0.108	14	0.023
Nickel	06/10/99	5.26	250	0.105
Potassium	06/10/99	1860	NLE	4.184
Selenium	06/10/99	1.18	63	0.628
Silver	06/10/99	ND	110	0.628
Sodium	06/10/99	226	NLE	4.184
Thallium	06/10/99	ND	2	0.628
Vanadium	06/10/99	20.5	370	0.209
Zinc	06/10/99	99.4	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 #: 4490.02
Sample Received: 05/17/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-213, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/10/99	6990	NLE	2.281
Antimony	06/10/99	0.952	14	0.456
Arsenic	06/10/99	7.99	20	0.456
Barium	06/10/99	54.2	700	0.114
Beryllium	06/10/99	0.694	1	0.114
Cadmium	06/10/99	0.327	1	0.114
Calcium	06/10/99	424	NLE	4.561
Chromium	06/10/99	73.1	NLE	0.114
Cobalt	06/10/99	1.38	NLE	0.114
Copper	06/10/99	21.6	600	0.684
Iron	06/10/99	21700	NLE	2.281
Lead	06/10/99	53.0	400	0.456
Magnesium	06/10/99	2140	NLE	4.561
Manganese	06/10/99	14.7	NLE	0.114
Mercury	06/10/99	0.960	14	0.022
Nickel	06/10/99	4.50	250	0.114
Potassium	06/10/99	5030	NLE	4.561
Selenium	06/10/99	1.55	63	0.684
Silver	06/10/99	ND	110	0.684
Sodium	06/10/99	159	NLE	4.561
Thallium	06/10/99	ND	2	0.684
Vanadium	06/10/99	37.5	370	0.228
Zinc	06/10/99	40.1	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 #: 4490.04
Sample Received: 05/17/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-214, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/10/99	11400	NLE	2.505
Antimony	06/10/99	63.9	14	0.501
Arsenic	06/10/99	6.25	20	0.501
Barium	06/10/99	70.3	700	0.125
Beryllium	06/10/99	0.753	1	0.125
Cadmium	06/10/99	0.765	1	0.125
Calcium	06/10/99	5430	NLE	5.009
Chromium	06/10/99	73.5	NLE	0.125
Cobalt	06/10/99	2.96	NLE	0.125
Copper	06/10/99	14.4	600	0.751
Iron	06/10/99	23300	NLE	2.505
Lead	06/10/99	179	400	0.501
Magnesium	06/10/99	2600	NLE	5.009
Manganese	06/10/99	61.0	NLE	0.125
Mercury	06/10/99	0.583	14	0.019
Nickel	06/10/99	9.42	250	0.125
Potassium	06/10/99	4880	NLE	5.009
Selenium	06/10/99	0.924	63	0.751
Silver	06/10/99	ND	110	0.751
Sodium	06/10/99	334	NLE	5.009
Thallium	06/10/99	ND	2	0.751
Vanadium	06/10/99	47.7	370	0.250
Zinc	06/10/99	270	1500	0.250

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4490.06
Sample Received: 05/17/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-215, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/10/99	4710	NLE	2.228
Antimony	06/10/99	0.856	14	0.446
Arsenic	06/10/99	3.43	20	0.446
Barium	06/10/99	16.5	700	0.111
Beryllium	06/10/99	0.389	1	0.111
Cadmium	06/10/99	0.261	1	0.111
Calcium	06/10/99	517	NLE	4.457
Chromium	06/10/99	31.8	NLE	0.111
Cobalt	06/10/99	1.41	NLE	0.111
Copper	06/10/99	17.5	600	0.669
Iron	06/10/99	12000	NLE	2.228
Lead	06/10/99	83.3	400	0.446
Magnesium	06/10/99	1260	NLE	4.457
Manganese	06/10/99	33.0	NLE	0.111
Mercury	06/10/99	0.216	14	0.023
Nickel	06/10/99	4.22	250	0.111
Potassium	06/10/99	2600	NLE	4.457
Selenium	06/10/99	ND	63	0.669
Silver	06/10/99	ND	110	0.669
Sodium	06/10/99	156	NLE	4.457
Thallium	06/10/99	ND	2	0.669
Vanadium	06/10/99	25.5	370	0.223
Zinc	06/10/99	41.5	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 #: 4490.08
Sample Received: 05/17/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-216, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/10/99	7750	NLE	2.096
Antimony	06/10/99	0.894	14	0.419
Arsenic	06/10/99	6.51	20	0.419
Barium	06/10/99	20.3	700	0.105
Beryllium	06/10/99	0.624	1	0.105
Cadmium	06/10/99	0.854	1	0.105
Calcium	06/10/99	2010	NLE	4.192
Chromium	06/10/99	56.6	NLE	0.105
Cobalt	06/10/99	2.80	NLE	0.105
Copper	06/10/99	30.1	600	0.629
Iron	06/10/99	18500	NLE	2.096
Lead	06/10/99	38.7	400	0.419
Magnesium	06/10/99	2160	NLE	4.192
Manganese	06/10/99	67.1	NLE	0.105
Mercury	06/10/99	1.521	14	0.017
Nickel	06/10/99	8.56	250	0.105
Potassium	06/10/99	3660	NLE	4.192
Selenium	06/10/99	1.02	63	0.629
Silver	06/10/99	ND	110	0.629
Sodium	06/10/99	219	NLE	4.192
Thallium	06/10/99	ND	2	0.629
Vanadium	06/10/99	40.0	370	0.210
Zinc	06/10/99	74.8	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 #: 4490.10
Sample Received: 05/17/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-217, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/10/99	11200	NLE	2.222
Antimony	06/10/99	2.27	14	0.444
Arsenic	06/10/99	8.43	20	0.444
Barium	06/10/99	93.0	700	0.111
Beryllium	06/10/99	0.916	1	0.111
Cadmium	06/10/99	1.38	1	0.111
Calcium	06/10/99	2620	NLE	4.443
Chromium	06/10/99	96.0	NLE	0.111
Cobalt	06/10/99	2.83	NLE	0.111
Copper	06/10/99	32.5	600	0.666
Iron	06/10/99	29000	NLE	2.222
Lead	06/10/99	312	400	0.444
Magnesium	06/10/99	3540	NLE	4.443
Manganese	06/10/99	68.7	NLE	0.111
Mercury	06/10/99	0.709	14	0.023
Nickel	06/10/99	8.74	250	0.111
Potassium	06/10/99	6790	NLE	4.443
Selenium	06/10/99	1.42	63	0.666
Silver	06/10/99	ND	110	0.666
Sodium	06/10/99	263	NLE	4.443
Thallium	06/10/99	ND	2	0.666
Vanadium	06/10/99	56.6	370	0.222
Zinc	06/10/99	133	1500	0.222

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4490.14
Sample Received: 05/17/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-218, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/10/99	7980	NLE	1.891
Antimony	06/10/99	0.399	14	0.378
Arsenic	06/10/99	3.31	20	0.378
Barium	06/10/99	14.5	700	0.095
Beryllium	06/10/99	0.378	1	0.095
Cadmium	06/10/99	0.305	1	0.095
Calcium	06/10/99	2430	NLE	3.782
Chromium	06/10/99	45.7	NLE	0.095
Cobalt	06/10/99	4.80	NLE	0.095
Copper	06/10/99	50.0	600	0.567
Iron	06/10/99	16300	NLE	1.891
Lead	06/10/99	24.7	400	0.378
Magnesium	06/10/99	3010	NLE	3.782
Manganese	06/10/99	79.5	NLE	0.095
Mercury	06/10/99	0.211	14	0.021
Nickel	06/10/99	11.2	250	0.095
Potassium	06/10/99	2620	NLE	3.782
Selenium	06/10/99	0.618	63	0.567
Silver	06/10/99	ND	110	0.567
Sodium	06/10/99	347	NLE	3.782
Thallium	06/10/99	ND	2	0.567
Vanadium	06/10/99	62.5	370	0.189
Zinc	06/10/99	36.8	1500	0.189

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4490.16
Sample Received: 05/17/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-219, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/10/99	10000	NLE	2.122
Antimony	06/10/99	0.778	14	0.424
Arsenic	06/10/99	6.38	20	0.424
Barium	06/10/99	50.4	700	0.106
Beryllium	06/10/99	0.773	1	0.106
Cadmium	06/10/99	0.533	1	0.106
Calcium	06/10/99	1080	NLE	4.244
Chromium	06/10/99	80.7	NLE	0.106
Cobalt	06/10/99	2.73	NLE	0.106
Copper	06/10/99	13.9	600	0.637
Iron	06/10/99	20800	NLE	2.122
Lead	06/10/99	38.2	400	0.424
Magnesium	06/10/99	2080	NLE	4.244
Manganese	06/10/99	51.2	NLE	0.106
Mercury	06/10/99	2.360	14	0.019
Nickel	06/10/99	7.32	250	0.106
Potassium	06/10/99	4410	NLE	4.244
Selenium	06/10/99	1.17	63	0.637
Silver	06/10/99	11.1	110	0.637
Sodium	06/10/99	186	NLE	4.244
Thallium	06/10/99	ND	2	0.637
Vanadium	06/10/99	47.6	370	0.212
Zinc	06/10/99	73.3	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 #: 4490.18
Sample Received: 05/17/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-220, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/10/99	8180	NLE	2.565
Antimony	06/10/99	5.68	14	0.513
Arsenic	06/10/99	5.20	20	0.513
Barium	06/10/99	569	700	0.128
Beryllium	06/10/99	0.807	1	0.128
Cadmium	06/10/99	4.25	1	0.128
Calcium	06/10/99	15700	NLE	5.131
Chromium	06/10/99	44.3	NLE	0.128
Cobalt	06/10/99	4.72	NLE	0.128
Copper	06/10/99	30.0	600	0.770
Iron	06/10/99	15000	NLE	2.565
Lead	06/10/99	5050	400	0.513
Magnesium	06/10/99	2100	NLE	5.131
Manganese	06/10/99	83.3	NLE	0.128
Mercury	06/10/99	0.510	14	0.024
Nickel	06/10/99	13.3	250	0.128
Potassium	06/10/99	2070	NLE	5.131
Selenium	06/10/99	1.31	63	0.770
Silver	06/10/99	ND	110	0.770
Sodium	06/10/99	184	NLE	5.131
Thallium	06/10/99	ND	2	0.770
Vanadium	06/10/99	32.1	370	0.257
Zinc	06/10/99	1190	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 #: 4490.20
Sample Received: 05/17/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-221, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/10/99	7640	NLE	2.701
Antimony	06/10/99	3.59	14	0.540
Arsenic	06/10/99	5.27	20	0.540
Barium	06/10/99	103	700	0.135
Beryllium	06/10/99	0.489	1	0.135
Cadmium	06/10/99	1.10	1	0.135
Calcium	06/10/99	3890	NLE	5.401
Chromium	06/10/99	41.6	NLE	0.135
Cobalt	06/10/99	2.74	NLE	0.135
Copper	06/10/99	19.7	600	0.810
Iron	06/10/99	16700	NLE	2.701
Lead	06/10/99	786	400	0.540
Magnesium	06/10/99	1630	NLE	5.401
Manganese	06/10/99	60.3	NLE	0.135
Mercury	06/10/99	0.560	14	0.026
Nickel	06/10/99	7.57	250	0.135
Potassium	06/10/99	2480	NLE	5.401
Selenium	06/10/99	1.12	63	0.810
Silver	06/10/99	ND	110	0.810
Sodium	06/10/99	113	NLE	5.401
Thallium	06/10/99	ND	2	0.810
Vanadium	06/10/99	29.9	370	0.270
Zinc	06/10/99	530	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 #: 4490.22
Sample Received: 05/17/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-222, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/10/99	6220	NLE	1.819
Antimony	06/10/99	0.931	14	0.364
Arsenic	06/10/99	6.04	20	0.364
Barium	06/10/99	16.9	700	0.091
Beryllium	06/10/99	0.666	1	0.091
Cadmium	06/10/99	0.442	1	0.091
Calcium	06/10/99	319	NLE	3.639
Chromium	06/10/99	78.0	NLE	0.091
Cobalt	06/10/99	0.751	NLE	0.091
Copper	06/10/99	31.1	600	0.546
Iron	06/10/99	20700	NLE	1.819
Lead	06/10/99	25.9	400	0.364
Magnesium	06/10/99	2260	NLE	3.639
Manganese	06/10/99	12.0	NLE	0.091
Mercury	06/10/99	0.232	14	0.024
Nickel	06/10/99	3.09	250	0.091
Potassium	06/10/99	5670	NLE	3.639
Selenium	06/10/99	1.15	63	0.546
Silver	06/10/99	0.580	110	0.546
Sodium	06/10/99	238	NLE	3.639
Thallium	06/10/99	ND	2	0.546
Vanadium	06/10/99	33.9	370	0.182
Zinc	06/10/99	34.5	1500	0.182

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4490.24
Sample Received: 05/17/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-223, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/10/99	6760	NLE	2.028
Antimony	06/10/99	0.938	14	0.406
Arsenic	06/10/99	6.42	20	0.406
Barium	06/10/99	40.9	700	0.101
Beryllium	06/10/99	0.622	1	0.101
Cadmium	06/10/99	1.04	1	0.101
Calcium	06/10/99	1190	NLE	4.055
Chromium	06/10/99	62.9	NLE	0.101
Cobalt	06/10/99	2.22	NLE	0.101
Copper	06/10/99	38.6	600	0.608
Iron	06/10/99	17400	NLE	2.028
Lead	06/10/99	59.3	400	0.406
Magnesium	06/10/99	1390	NLE	4.055
Manganese	06/10/99	47.1	NLE	0.101
Mercury	06/10/99	0.339	14	0.024
Nickel	06/10/99	7.98	250	0.101
Potassium	06/10/99	2580	NLE	4.055
Selenium	06/10/99	0.813	63	0.608
Silver	06/10/99	3.04	110	0.608
Sodium	06/10/99	106	NLE	4.055
Thallium	06/10/99	ND	2	0.608
Vanadium	06/10/99	41.4	370	0.203
Zinc	06/10/99	62.9	1500	0.203

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4490.26
Sample Received: 05/17/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-224, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/10/99	7340	NLE	2.106
Antimony	06/10/99	2.90	14	0.421
Arsenic	06/10/99	6.96	20	0.421
Barium	06/10/99	27.5	700	0.105
Beryllium	06/10/99	0.665	1	0.105
Cadmium	06/10/99	0.407	1	0.105
Calcium	06/10/99	787	NLE	4.212
Chromium	06/10/99	69.7	NLE	0.105
Cobalt	06/10/99	1.05	NLE	0.105
Copper	06/10/99	24.6	600	0.632
Iron	06/10/99	21300	NLE	2.106
Lead	06/10/99	42.7	400	0.421
Magnesium	06/10/99	2010	NLE	4.212
Manganese	06/10/99	18.7	NLE	0.105
Mercury	06/10/99	0.362	14	0.026
Nickel	06/10/99	4.30	250	0.105
Potassium	06/10/99	4600	NLE	4.212
Selenium	06/10/99	1.52	63	0.632
Silver	06/10/99	ND	110	0.632
Sodium	06/10/99	165	NLE	4.212
Thallium	06/10/99	ND	2	0.632
Vanadium	06/10/99	34.6	370	0.211
Zinc	06/10/99	42.9	1500	0.211

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4533.02
Sample Received: 06/01/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-225, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	07/14/99	5090	NLE	1.970
Antimony	07/14/99	0.655	14	0.394
Arsenic	07/14/99	9.84	20	0.394
Barium	07/14/99	45.4	700	0.099
Beryllium	07/14/99	0.539	1	0.099
Cadmium	07/14/99	1.37	1	0.099
Calcium	07/14/99	371	NLE	3.941
Chromium	07/14/99	80.9	NLE	0.099
Cobalt	07/14/99	0.902	NLE	0.099
Copper	07/14/99	10.5	600	0.591
Iron	07/14/99	28000	NLE	1.970
Lead	07/14/99	25.1	100	0.394
Magnesium	07/14/99	1650	NLE	3.941
Manganese	07/14/99	11.2	NLE	0.099
Mercury	06/14/99	0.071	14	0.024
Nickel	07/14/99	4.04	250	0.099
Potassium	07/14/99	4730	NLE	3.941
Selenium	07/14/99	2.84	63	0.591
Silver	07/14/99	0.662	110	0.591
Sodium	07/14/99	108	NLE	3.941
Thallium	07/14/99	ND	2	0.591
Vanadium	07/14/99	39.4	370	0.197
Zinc	07/14/99	49.2	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 #: 4533.04
Sample Received: 06/01/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-226, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	07/14/99	10300	NLE	2.571
Antimony	07/14/99	0.848	14	0.514
Arsenic	07/14/99	13.4	20	0.514
Barium	07/14/99	50.4	700	0.129
Beryllium	07/14/99	1.04	1	0.129
Cadmium	07/14/99	1.55	1	0.129
Calcium	07/14/99	370	NLE	5.142
Chromium	07/14/99	127	NLE	0.129
Cobalt	07/14/99	1.55	NLE	0.129
Copper	07/14/99	30.4	600	0.771
Iron	07/14/99	35500	NLE	2.571
Lead	07/14/99	82.3	100	0.514
Magnesium	07/14/99	3370	NLE	5.142
Manganese	07/14/99	25.9	NLE	0.129
Mercury	06/14/99	0.197	14	0.025
Nickel	07/14/99	6.88	250	0.129
Potassium	07/14/99	8230	NLE	5.142
Selenium	07/14/99	2.31	63	0.771
Silver	07/14/99	2.28	110	0.771
Sodium	07/14/99	326	NLE	5.142
Thallium	07/14/99	ND	2	0.771
Vanadium	07/14/99	58.2	370	0.257
Zinc	07/14/99	66.3	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 #: 4533.06
Sample Received: 06/01/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-227, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	07/14/99	4370	NLE	2.351
Antimony	07/14/99	ND	14	0.470
Arsenic	07/14/99	5.84	20	0.470
Barium	07/14/99	26.0	700	0.118
Beryllium	07/14/99	0.531	1	0.118
Cadmium	07/14/99	0.643	1	0.118
Calcium	07/14/99	754	NLE	4.703
Chromium	07/14/99	49.3	NLE	0.118
Cobalt	07/14/99	0.886	NLE	0.118
Copper	07/14/99	3.16	600	0.705
Iron	07/14/99	14800	NLE	2.351
Lead	07/14/99	4.38	100	0.470
Magnesium	07/14/99	1130	NLE	4.703
Manganese	07/14/99	9.64	NLE	0.118
Mercury	06/14/99	0.050	14	0.025
Nickel	07/14/99	4.31	250	0.118
Potassium	07/14/99	2910	NLE	4.703
Selenium	07/14/99	1.34	63	0.705
Silver	07/14/99	ND	110	0.705
Sodium	07/14/99	108	NLE	4.703
Thallium	07/14/99	ND	2	0.705
Vanadium	07/14/99	28.5	370	0.235
Zinc	07/14/99	41.4	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 #: 4533.08
Sample Received: 06/01/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-228, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	07/14/99	5910	NLE	2.624
Antimony	07/14/99	1.30	14	0.525
Arsenic	07/14/99	9.57	20	0.525
Barium	07/14/99	31.9	700	0.131
Beryllium	07/14/99	0.849	1	0.131
Cadmium	07/14/99	2.20	1	0.131
Calcium	07/14/99	448	NLE	5.248
Chromium	07/14/99	61.0	NLE	0.131
Cobalt	07/14/99	3.72	NLE	0.131
Copper	07/14/99	5.01	600	0.787
Iron	07/14/99	14700	NLE	2.624
Lead	07/14/99	13.8	100	0.525
Magnesium	07/14/99	1700	NLE	5.248
Manganese	07/14/99	18.4	NLE	0.131
Mercury	06/14/99	1.027	14	0.029
Nickel	07/14/99	9.40	250	0.131
Potassium	07/14/99	3910	NLE	5.248
Selenium	07/14/99	1.08	63	0.787
Silver	07/14/99	ND	110	0.787
Sodium	07/14/99	81.9	NLE	5.248
Thallium	07/14/99	ND	2	0.787
Vanadium	07/14/99	34.0	370	0.262
Zinc	07/14/99	201	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 #: 4533.10
Sample Received: 06/01/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-229, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	07/14/99	7070	NLE	1.996
Antimony	07/14/99	0.959	14	0.399
Arsenic	07/14/99	7.27	20	0.399
Barium	07/14/99	26.6	700	0.100
Beryllium	07/14/99	0.937	1	0.100
Cadmium	07/14/99	0.789	1	0.100
Calcium	07/14/99	660	NLE	3.993
Chromium	07/14/99	96.4	NLE	0.100
Cobalt	07/14/99	0.859	NLE	0.100
Copper	07/14/99	2.02	600	0.599
Iron	07/14/99	23200	NLE	1.996
Lead	07/14/99	18.3	100	0.399
Magnesium	07/14/99	2910	NLE	3.993
Manganese	07/14/99	15.0	NLE	0.100
Mercury	06/14/99	0.090	14	0.022
Nickel	07/14/99	4.34	250	0.100
Potassium	07/14/99	7040	NLE	3.993
Selenium	07/14/99	1.12	63	0.599
Silver	07/14/99	ND	110	0.599
Sodium	07/14/99	113	NLE	3.993
Thallium	07/14/99	ND	2	0.599
Vanadium	07/14/99	45.5	370	0.200
Zinc	07/14/99	40.3	1500	0.200

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4533.14
Sample Received: 06/01/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-230, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	07/14/99	9220	NLE	2.377
Antimony	07/14/99	1.03	14	0.475
Arsenic	07/14/99	9.70	20	0.475
Barium	07/14/99	48.1	700	0.119
Beryllium	07/14/99	0.843	1	0.119
Cadmium	07/14/99	1.31	1	0.119
Calcium	07/14/99	1120	NLE	4.754
Chromium	07/14/99	99.5	NLE	0.119
Cobalt	07/14/99	2.50	NLE	0.119
Copper	07/14/99	31.9	600	0.713
Iron	07/14/99	30800	NLE	2.377
Lead	07/14/99	78.6	100	0.475
Magnesium	07/14/99	3110	NLE	4.754
Manganese	07/14/99	94.2	NLE	0.119
Mercury	06/14/99	0.246	14	0.022
Nickel	07/14/99	13.5	250	0.119
Potassium	07/14/99	7350	NLE	4.754
Selenium	07/14/99	1.63	63	0.713
Silver	07/14/99	ND	110	0.713
Sodium	07/14/99	324	NLE	4.754
Thallium	07/14/99	ND	2	0.713
Vanadium	07/14/99	49.7	370	0.238
Zinc	07/14/99	114	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 #: 4533.16
Sample Received: 06/01/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-231, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	07/14/99	7580	NLE	2.101
Antimony	07/14/99	0.512	14	0.420
Arsenic	07/14/99	9.81	20	0.420
Barium	07/14/99	37.1	700	0.105
Beryllium	07/14/99	0.956	1	0.105
Cadmium	07/14/99	1.15	1	0.105
Calcium	07/14/99	545	NLE	4.201
Chromium	07/14/99	85.5	NLE	0.105
Cobalt	07/14/99	1.43	NLE	0.105
Copper	07/14/99	3.78	600	0.630
Iron	07/14/99	26700	NLE	2.101
Lead	07/14/99	17.2	100	0.420
Magnesium	07/14/99	2510	NLE	4.201
Manganese	07/14/99	21.7	NLE	0.105
Mercury	06/14/99	0.044	14	0.022
Nickel	07/14/99	8.30	250	0.105
Potassium	07/14/99	6020	NLE	4.201
Selenium	07/14/99	1.52	63	0.630
Silver	07/14/99	ND	110	0.630
Sodium	07/14/99	133	NLE	4.201
Thallium	07/14/99	ND	2	0.630
Vanadium	07/14/99	44.7	370	0.210
Zinc	07/14/99	53.8	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 #: 4533.18
Sample Received: 06/01/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-232, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	07/14/99	5910	NLE	2.159
Antimony	07/14/99	1.16	14	0.432
Arsenic	07/14/99	8.21	20	0.432
Barium	07/14/99	33.4	700	0.108
Beryllium	07/14/99	0.635	1	0.108
Cadmium	07/14/99	1.38	1	0.108
Calcium	07/14/99	250	NLE	4.318
Chromium	07/14/99	78.3	NLE	0.108
Cobalt	07/14/99	1.06	NLE	0.108
Copper	07/14/99	32.5	600	0.648
Iron	07/14/99	22200	NLE	2.159
Lead	07/14/99	45.9	100	0.432
Magnesium	07/14/99	2010	NLE	4.318
Manganese	07/14/99	18.7	NLE	0.108
Mercury	06/14/99	0.117	14	0.023
Nickel	07/14/99	5.89	250	0.108
Potassium	07/14/99	4720	NLE	4.318
Selenium	07/14/99	1.21	63	0.648
Silver	07/14/99	0.978	110	0.648
Sodium	07/14/99	266	NLE	4.318
Thallium	07/14/99	ND	2	0.648
Vanadium	07/14/99	34.0	370	0.216
Zinc	07/14/99	36.2	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 #: 4533.20
Sample Received: 06/01/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-233, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	07/14/99	11900	NLE	2.582
Antimony	07/14/99	1.09	14	0.516
Arsenic	07/14/99	8.90	20	0.516
Barium	07/14/99	80.6	700	0.129
Beryllium	07/14/99	1.43	1	0.129
Cadmium	07/14/99	1.73	1	0.129
Calcium	07/14/99	1110	NLE	5.163
Chromium	07/14/99	152	NLE	0.129
Cobalt	07/14/99	2.07	NLE	0.129
Copper	07/14/99	13.9	600	0.774
Iron	07/14/99	38700	NLE	2.582
Lead	07/14/99	18.2	100	0.516
Magnesium	07/14/99	5050	NLE	5.163
Manganese	07/14/99	25.9	NLE	0.129
Mercury	06/14/99	0.073	14	0.024
Nickel	07/14/99	9.41	250	0.129
Potassium	07/14/99	13000	NLE	5.163
Selenium	07/14/99	2.31	63	0.774
Silver	07/14/99	ND	110	0.774
Sodium	07/14/99	153	NLE	5.163
Thallium	07/14/99	ND	2	0.774
Vanadium	07/14/99	46.3	370	0.258
Zinc	07/14/99	97.6	1500	0.258

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4533.22
Sample Received: 06/01/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-234, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	07/14/99	10900	NLE	2.441
Antimony	07/14/99	1.10	14	0.488
Arsenic	07/14/99	13.5	20	0.488
Barium	07/14/99	46.5	700	0.122
Beryllium	07/14/99	1.05	1	0.122
Cadmium	07/14/99	1.62	1	0.122
Calcium	07/14/99	716	NLE	4.883
Chromium	07/14/99	129	NLE	0.122
Cobalt	07/14/99	2.12	NLE	0.122
Copper	07/14/99	24.5	600	0.732
Iron	07/14/99	36300	NLE	2.441
Lead	07/14/99	87.8	100	0.488
Magnesium	07/14/99	3470	NLE	4.883
Manganese	07/14/99	31.5	NLE	0.122
Mercury	06/14/99	0.215	14	0.024
Nickel	07/14/99	9.79	250	0.122
Potassium	07/14/99	8240	NLE	4.883
Selenium	07/14/99	1.96	63	0.732
Silver	07/14/99	2.18	110	0.732
Sodium	07/14/99	342	NLE	4.883
Thallium	07/14/99	ND	2	0.732
Vanadium	07/14/99	76.7	370	0.244
Zinc	07/14/99	62.1	1500	0.244

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4533.24
Sample Received: 06/01/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-235, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	07/14/99	3130	NLE	2.001
Antimony	07/14/99	0.736	14	0.400
Arsenic	07/14/99	7.97	20	0.400
Barium	07/14/99	11.0	700	0.100
Beryllium	07/14/99	0.400	1	0.100
Cadmium	07/14/99	1.15	1	0.100
Calcium	07/14/99	153	NLE	4.002
Chromium	07/14/99	68.4	NLE	0.100
Cobalt	07/14/99	0.669	NLE	0.100
Copper	07/14/99	9.02	600	0.600
Iron	07/14/99	25700	NLE	2.001
Lead	07/14/99	17.7	100	0.400
Magnesium	07/14/99	762	NLE	4.002
Manganese	07/14/99	7.11	NLE	0.100
Mercury	06/14/99	0.050	14	0.025
Nickel	07/14/99	3.05	250	0.100
Potassium	07/14/99	2230	NLE	4.002
Selenium	07/14/99	2.38	63	0.600
Silver	07/14/99	ND	110	0.600
Sodium	07/14/99	49.8	NLE	4.002
Thallium	07/14/99	ND	2	0.600
Vanadium	07/14/99	72.3	370	0.200
Zinc	07/14/99	54.8	1500	0.200

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4533.26
Sample Received: 06/01/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-236, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	07/14/99	7560	NLE	2.556
Antimony	07/14/99	0.616	14	0.511
Arsenic	07/14/99	11.2	20	0.511
Barium	07/14/99	103	700	0.128
Beryllium	07/14/99	0.874	1	0.128
Cadmium	07/14/99	1.74	1	0.128
Calcium	07/14/99	952	NLE	5.112
Chromium	07/14/99	108	NLE	0.128
Cobalt	07/14/99	2.05	NLE	0.128
Copper	07/14/99	12.9	600	0.767
Iron	07/14/99	29600	NLE	2.556
Lead	07/14/99	19.3	100	0.511
Magnesium	07/14/99	2640	NLE	5.112
Manganese	07/14/99	14.0	NLE	0.128
Mercury	06/14/99	0.072	14	0.024
Nickel	07/14/99	6.61	250	0.128
Potassium	07/14/99	7730	NLE	5.112
Selenium	07/14/99	4.76	63	0.767
Silver	07/14/99	ND	110	0.767
Sodium	07/14/99	67.5	NLE	5.112
Thallium	07/14/99	ND	2	0.767
Vanadium	07/14/99	30.4	370	0.256
Zinc	07/14/99	93.4	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 #: 4533.28
Sample Received: 06/01/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-237, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	07/14/99	20800	NLE	2.374
Antimony	07/14/99	1.46	14	0.475
Arsenic	07/14/99	15.6	20	0.475
Barium	07/14/99	104	700	0.119
Beryllium	07/14/99	2.49	1	0.119
Cadmium	07/14/99	3.04	1	0.119
Calcium	07/14/99	1450	NLE	4.748
Chromium	07/14/99	328	NLE	0.119
Cobalt	07/14/99	2.31	NLE	0.119
Copper	07/14/99	99.6	600	0.712
Iron	07/14/99	68000	NLE	2.374
Lead	07/14/99	19.2	100	0.475
Magnesium	07/14/99	10200	NLE	4.748
Manganese	07/14/99	22.7	NLE	0.119
Mercury	06/14/99	0.051	14	0.025
Nickel	07/14/99	11.3	250	0.119
Potassium	07/14/99	25500	NLE	4.748
Selenium	07/14/99	3.87	63	0.712
Silver	07/14/99	0.839	110	0.712
Sodium	07/14/99	112	NLE	4.748
Thallium	07/14/99	ND	2	0.712
Vanadium	07/14/99	98.2	370	0.237
Zinc	07/14/99	128	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 #: 4533.30
Sample Received: 06/01/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-238, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	07/14/99	4700	NLE	2.091
Antimony	07/14/99	ND	14	0.418
Arsenic	07/14/99	7.03	20	0.418
Barium	07/14/99	38.3	700	0.105
Beryllium	07/14/99	0.752	1	0.105
Cadmium	07/14/99	0.837	1	0.105
Calcium	07/14/99	437	NLE	4.182
Chromium	07/14/99	63.1	NLE	0.105
Cobalt	07/14/99	0.823	NLE	0.105
Copper	07/14/99	3.33	600	0.627
Iron	07/14/99	16900	NLE	2.091
Lead	07/14/99	10.9	100	0.418
Magnesium	07/14/99	1650	NLE	4.182
Manganese	07/14/99	12.4	NLE	0.105
Mercury	06/14/99	0.047	14	0.024
Nickel	07/14/99	4.34	250	0.105
Potassium	07/14/99	4200	NLE	4.182
Selenium	07/14/99	1.33	63	0.627
Silver	07/14/99	ND	110	0.627
Sodium	07/14/99	84.9	NLE	4.182
Thallium	07/14/99	ND	2	0.627
Vanadium	07/14/99	30.2	370	0.209
Zinc	07/14/99	36.1	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 #: 4533.32
Sample Received: 06/01/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-239, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	07/14/99	9300	NLE	2.093
Antimony	07/14/99	1.69	14	0.419
Arsenic	07/14/99	7.62	20	0.419
Barium	07/14/99	38.5	700	0.105
Beryllium	07/14/99	0.790	1	0.105
Cadmium	07/14/99	0.828	1	0.105
Calcium	07/14/99	1650	NLE	4.186
Chromium	07/14/99	64.8	NLE	0.105
Cobalt	07/14/99	2.69	NLE	0.105
Copper	07/14/99	10.6	600	0.628
Iron	07/14/99	21600	NLE	2.093
Lead	07/14/99	53.9	100	0.419
Magnesium	07/14/99	2350	NLE	4.186
Manganese	07/14/99	64.3	NLE	0.105
Mercury	06/14/99	0.145	14	0.024
Nickel	07/14/99	7.24	250	0.105
Potassium	07/14/99	4840	NLE	4.186
Selenium	07/14/99	1.01	63	0.628
Silver	07/14/99	ND	110	0.628
Sodium	07/14/99	72.4	NLE	4.186
Thallium	07/14/99	ND	2	0.628
Vanadium	07/14/99	40.9	370	0.209
Zinc	07/14/99	80.5	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 #: 4533.34
Sample Received: 06/01/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-240, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	07/14/99	9010	NLE	2.256
Antimony	07/14/99	0.938	14	0.451
Arsenic	07/14/99	8.59	20	0.451
Barium	07/14/99	39.7	700	0.113
Beryllium	07/14/99	0.848	1	0.113
Cadmium	07/14/99	1.11	1	0.113
Calcium	07/14/99	335	NLE	4.511
Chromium	07/14/99	105	NLE	0.113
Cobalt	07/14/99	1.46	NLE	0.113
Copper	07/14/99	23.5	600	0.677
Iron	07/14/99	29100	NLE	2.256
Lead	07/14/99	39.0	100	0.451
Magnesium	07/14/99	3130	NLE	4.511
Manganese	07/14/99	23.8	NLE	0.113
Mercury	06/14/99	0.115	14	0.023
Nickel	07/14/99	6.23	250	0.113
Potassium	07/14/99	7400	NLE	4.511
Selenium	07/14/99	1.12	63	0.677
Silver	07/14/99	ND	110	0.677
Sodium	07/14/99	264	NLE	4.511
Thallium	07/14/99	ND	2	0.677
Vanadium	07/14/99	51.7	370	0.226
Zinc	07/14/99	36.6	1500	0.226

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4533.36
Sample Received: 06/01/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-241, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	07/14/99	19500	NLE	2.222
Antimony	07/14/99	2.32	14	0.444
Arsenic	07/14/99	12.0	20	0.444
Barium	07/14/99	60.5	700	0.111
Beryllium	07/14/99	2.18	1	0.111
Cadmium	07/14/99	2.79	1	0.111
Calcium	07/14/99	422	NLE	4.443
Chromium	07/14/99	276	NLE	0.111
Cobalt	07/14/99	1.46	NLE	0.111
Copper	07/14/99	14.9	600	0.667
Iron	07/14/99	64000	NLE	2.222
Lead	07/14/99	25.6	100	0.444
Magnesium	07/14/99	8800	NLE	4.443
Manganese	07/14/99	22.7	NLE	0.111
Mercury	06/14/99	0.091	14	0.023
Nickel	07/14/99	8.48	250	0.111
Potassium	07/14/99	22500	NLE	4.443
Selenium	07/14/99	2.64	63	0.667
Silver	07/14/99	ND	110	0.667
Sodium	07/14/99	233	NLE	4.443
Thallium	07/14/99	ND	2	0.667
Vanadium	07/14/99	109	370	0.222
Zinc	07/14/99	96.5	1500	0.222

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4533.38
Sample Received: 06/01/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-242, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	07/14/99	8190	NLE	2.041
Antimony	07/14/99	0.755	14	0.408
Arsenic	07/14/99	7.40	20	0.408
Barium	07/14/99	35.6	700	0.102
Beryllium	07/14/99	0.864	1	0.102
Cadmium	07/14/99	0.746	1	0.102
Calcium	07/14/99	215	NLE	4.081
Chromium	07/14/99	89.3	NLE	0.102
Cobalt	07/14/99	1.28	NLE	0.102
Copper	07/14/99	4.73	600	0.612
Iron	07/14/99	21900	NLE	2.041
Lead	07/14/99	11.8	100	0.408
Magnesium	07/14/99	2360	NLE	4.081
Manganese	07/14/99	18.6	NLE	0.102
Mercury	06/14/99	0.135	14	0.023
Nickel	07/14/99	6.29	250	0.102
Potassium	07/14/99	5810	NLE	4.081
Selenium	07/14/99	1.33	63	0.612
Silver	07/14/99	ND	110	0.612
Sodium	07/14/99	112	NLE	4.081
Thallium	07/14/99	ND	2	0.612
Vanadium	07/14/99	50.5	370	0.204
Zinc	07/14/99	33.9	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 #: 4533.40
Sample Received: 06/01/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-243, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	07/14/99	15800	NLE	2.518
Antimony	07/14/99	0.639	14	0.504
Arsenic	07/14/99	15.4	20	0.504
Barium	07/14/99	44.5	700	0.126
Beryllium	07/14/99	1.28	1	0.126
Cadmium	07/14/99	1.21	1	0.126
Calcium	07/14/99	745	NLE	5.035
Chromium	07/14/99	67.4	NLE	0.126
Cobalt	07/14/99	3.80	NLE	0.126
Copper	07/14/99	17.5	600	0.755
Iron	07/14/99	32000	NLE	2.518
Lead	07/14/99	29.0	100	0.504
Magnesium	07/14/99	3180	NLE	5.035
Manganese	07/14/99	103	NLE	0.126
Mercury	06/14/99	0.141	14	0.024
Nickel	07/14/99	9.85	250	0.126
Potassium	07/14/99	6990	NLE	5.035
Selenium	07/14/99	1.19	63	0.755
Silver	07/14/99	ND	110	0.755
Sodium	07/14/99	132	NLE	5.035
Thallium	07/14/99	ND	2	0.755
Vanadium	07/14/99	49.2	370	0.252
Zinc	07/14/99	68.7	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 #: 4533.42
Sample Received: 06/01/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-244, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	07/14/99	9810	NLE	2.415
Antimony	07/14/99	1.53	14	0.483
Arsenic	07/14/99	8.59	20	0.483
Barium	07/14/99	49.8	700	0.121
Beryllium	07/14/99	0.878	1	0.121
Cadmium	07/14/99	1.76	1	0.121
Calcium	07/14/99	3950	NLE	4.830
Chromium	07/14/99	89.8	NLE	0.121
Cobalt	07/14/99	5.53	NLE	0.121
Copper	07/14/99	32.2	600	0.724
Iron	07/14/99	29500	NLE	2.415
Lead	07/14/99	174	100	0.483
Magnesium	07/14/99	5360	NLE	4.830
Manganese	07/14/99	121	NLE	0.121
Mercury	06/14/99	0.821	14	0.024
Nickel	07/14/99	13.9	250	0.121
Potassium	07/14/99	6050	NLE	4.830
Selenium	07/14/99	1.67	63	0.724
Silver	07/14/99	ND	110	0.724
Sodium	07/14/99	181	NLE	4.830
Thallium	07/14/99	ND	2	0.724
Vanadium	07/14/99	53.5	370	0.241
Zinc	07/14/99	167	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 #: 4533.44
Sample Received: 06/01/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-245, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	07/14/99	7900	NLE	2.126
Antimony	07/14/99	12.0	14	0.425
Arsenic	07/14/99	6.25	20	0.425
Barium	07/14/99	32.8	700	0.106
Beryllium	07/14/99	0.410	1	0.106
Cadmium	07/14/99	7.10	1	0.106
Calcium	07/14/99	4840	NLE	4.252
Chromium	07/14/99	1560	NLE	0.106
Cobalt	07/14/99	5.55	NLE	0.106
Copper	07/14/99	131	600	0.638
Iron	07/14/99	21500	NLE	2.126
Lead	07/14/99	47.6	100	0.425
Magnesium	07/14/99	2920	NLE	4.252
Manganese	07/14/99	88.2	NLE	0.106
Mercury	06/14/99	7.682	14	0.186
Nickel	07/14/99	7330	250	0.106
Potassium	07/14/99	4150	NLE	4.252
Selenium	07/14/99	ND	63	0.638
Silver	07/14/99	ND	110	0.638
Sodium	07/14/99	117	NLE	4.252
Thallium	07/14/99	ND	2	0.638
Vanadium	07/14/99	58.0	370	0.213
Zinc	07/14/99	146	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 #: 4533.46
Sample Received: 06/01/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-246, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	07/14/99	17600	NLE	2.363
Antimony	07/14/99	1.58	14	0.473
Arsenic	07/14/99	10.0	20	0.473
Barium	07/14/99	81.9	700	0.118
Beryllium	07/14/99	1.36	1	0.118
Cadmium	07/14/99	3.06	1	0.118
Calcium	07/14/99	2440	NLE	4.726
Chromium	07/14/99	83.0	NLE	0.118
Cobalt	07/14/99	5.45	NLE	0.118
Copper	07/14/99	36.2	600	0.709
Iron	07/14/99	29800	NLE	2.363
Lead	07/14/99	225	100	0.473
Magnesium	07/14/99	3260	NLE	4.726
Manganese	07/14/99	157	NLE	0.118
Mercury	06/14/99	0.271	14	0.023
Nickel	07/14/99	25.7	250	0.118
Potassium	07/14/99	6860	NLE	4.726
Selenium	07/14/99	1.09	63	0.709
Silver	07/14/99	ND	110	0.709
Sodium	07/14/99	278	NLE	4.726
Thallium	07/14/99	ND	2	0.709
Vanadium	07/14/99	59.4	370	0.236
Zinc	07/14/99	256	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 #: 4533.48
Sample Received: 06/01/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-247, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	07/14/99	8830	NLE	2.157
Antimony	07/14/99	0.804	14	0.431
Arsenic	07/14/99	9.70	20	0.431
Barium	07/14/99	57.0	700	0.108
Beryllium	07/14/99	1.19	1	0.108
Cadmium	07/14/99	1.16	1	0.108
Calcium	07/14/99	913	NLE	4.314
Chromium	07/14/99	136	NLE	0.108
Cobalt	07/14/99	1.26	NLE	0.108
Copper	07/14/99	133	600	0.647
Iron	07/14/99	31100	NLE	2.157
Lead	07/14/99	19.0	100	0.431
Magnesium	07/14/99	4110	NLE	4.314
Manganese	07/14/99	21.8	NLE	0.108
Mercury	06/14/99	0.083	14	0.021
Nickel	07/14/99	6.28	250	0.108
Potassium	07/14/99	10300	NLE	4.314
Selenium	07/14/99	1.50	63	0.647
Silver	07/14/99	ND	110	0.647
Sodium	07/14/99	77.6	NLE	4.314
Thallium	07/14/99	ND	2	0.647
Vanadium	07/14/99	58.7	370	0.216
Zinc	07/14/99	96.5	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 #: 4533.50
Sample Received: 06/01/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-248, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	07/14/99	10800	NLE	2.430
Antimony	07/14/99	1.84	14	0.486
Arsenic	07/14/99	10.5	20	0.486
Barium	07/14/99	84.7	700	0.121
Beryllium	07/14/99	1.44	1	0.121
Cadmium	07/14/99	3.79	1	0.121
Calcium	07/14/99	2610	NLE	4.860
Chromium	07/14/99	94.0	NLE	0.121
Cobalt	07/14/99	7.53	NLE	0.121
Copper	07/14/99	332	600	0.729
Iron	07/14/99	27200	NLE	2.430
Lead	07/14/99	274	100	0.486
Magnesium	07/14/99	4150	NLE	4.860
Manganese	07/14/99	133	NLE	0.121
Mercury	06/14/99	1.317	14	0.022
Nickel	07/14/99	17.9	250	0.121
Potassium	07/14/99	7440	NLE	4.860
Selenium	07/14/99	0.970	63	0.729
Silver	07/14/99	ND	110	0.729
Sodium	07/14/99	130	NLE	4.860
Thallium	07/14/99	ND	2	0.729
Vanadium	07/14/99	49.2	370	0.243
Zinc	07/14/99	461	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 #: 4533.52
Sample Received: 06/01/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-249, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	07/14/99	9290	NLE	2.346
Antimony	07/14/99	1.65	14	0.469
Arsenic	07/14/99	9.13	20	0.469
Barium	07/14/99	103	700	0.117
Beryllium	07/14/99	0.966	1	0.117
Cadmium	07/14/99	1.61	1	0.117
Calcium	07/14/99	1630	NLE	4.692
Chromium	07/14/99	72.2	NLE	0.117
Cobalt	07/14/99	2.69	NLE	0.117
Copper	07/14/99	17.6	600	0.704
Iron	07/14/99	25100	NLE	2.346
Lead	07/14/99	477	100	0.469
Magnesium	07/14/99	2980	NLE	4.692
Manganese	07/14/99	49.6	NLE	0.117
Mercury	06/14/99	0.250	14	0.025
Nickel	07/14/99	10.3	250	0.117
Potassium	07/14/99	6280	NLE	4.692
Selenium	07/14/99	1.08	63	0.704
Silver	07/14/99	ND	110	0.704
Sodium	07/14/99	64.6	NLE	4.692
Thallium	07/14/99	ND	2	0.704
Vanadium	07/14/99	43.8	370	0.235
Zinc	07/14/99	321	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 #: 4533.54
Sample Received: 06/01/99
Sample Matrix: Soil

Site: M-8
Ft. Monmouth, New Jersey

Field ID#: M-8-250, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	07/14/99	11600	NLE	2.167
Antimony	07/14/99	2.20	14	0.433
Arsenic	07/14/99	14.0	20	0.433
Barium	07/14/99	67.9	700	0.108
Beryllium	07/14/99	1.21	1	0.108
Cadmium	07/14/99	1.95	1	0.108
Calcium	07/14/99	11100	NLE	4.334
Chromium	07/14/99	103	NLE	0.108
Cobalt	07/14/99	4.51	NLE	0.108
Copper	07/14/99	18.8	600	0.650
Iron	07/14/99	34700	NLE	2.167
Lead	07/14/99	234	100	0.433
Magnesium	07/14/99	10900	NLE	4.334
Manganese	07/14/99	123	NLE	0.108
Mercury	06/14/99	0.587	14	0.023
Nickel	07/14/99	36.8	250	0.108
Potassium	07/14/99	8390	NLE	4.334
Selenium	07/14/99	0.741	63	0.650
Silver	07/14/99	ND	110	0.650
Sodium	07/14/99	96.4	NLE	4.334
Thallium	07/14/99	ND	2	0.650
Vanadium	07/14/99	101	370	0.217
Zinc	07/14/99	197	1500	0.217

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 M8-B1

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED : 11-10-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : Hand Auger
H2O SAMPLER :

OPERATOR : COREY MCCORMACK
CONTRACTOR : TVS-PWS-007
NJDEP LIC.# : J1486 (MARK LAURA)

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
4			SANDY SILT, med/fine, brown			
8	4045.02	1		0.0 PPM	1232	
18			SANDY SILT, med/fine, dk. brown			
24	4045.03	2		0.0 PPM	1239	
26						

10-05-1999 X:\MTECH5\M8\M8-B001.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B2

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 11-10-98	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: Hand Auger		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
4			SANDY SILT, med/fine, brown			
8	4045.04	1		0.0 PPM	1317	
16			SANDY SILT, med/fine, dk. brown			
24	4045.05	2		0.0 PPM	1327	
26						

10-05-1999 X:\MTECH5\M8\M8-B002.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B3

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED : 11-10-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : Hand Auger
H2O SAMPLER :

OPERATOR : COREY MCCORMACK
CONTRACTOR : TVS-PWS-007
NJDEP LIC.# : J1486 (MARK LAURA)

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2						
4			SANDY SILT, med/fine, brown			
6						
8	4045.06	1		0.0 PPM	1339	
10						
12						
14						
16						
18						
20			SANDY SILT, med/fine, dk. brown			
22						
24	4045.07	2		0.0 PPM	1343	
26						
28						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B4

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED : 11-10-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : Hand Auger
H2O SAMPLER :

OPERATOR : COREY MCCORMACK
CONTRACTOR : TVS-PWS-007
NJDEP LIC.# : J1486 (MARK LAURA)

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2						
4			SANDY SILT, med/fine, brown			
6						
8	4045.08	1		0.0 PPM	1403	
10						
12						
14						
16						
18			SANDY SILT, med/fine, dk. brown			
20						
22						
24	4045.09	2		0.0 PPM	1409	
26						
28						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B5

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 11-10-98	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: Hand Auger		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
4			SANDY SILT, med, brown			
8	4045.10	1		0.0 PPM	1427	
16			SANDY SILT, med/fine, dk. brown			
24	4045.11	2		0.0 PPM	1432	
26						
28						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B6

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 11-30-98	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: Hand Auger		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
4			SANDY SILT, med, brown			
8	4095.02	1		0.0 PPM	1321	
16			SANDY SILT, med/fine, dk. brown			
24	4095.03	2		0.0 PPM	1325	
26						
28						

10-05-1999 X:\WTECH5\M8\M8-B006.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B7

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED : 11-30-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : Hand Auger
H2O SAMPLER :

OPERATOR : COREY MCCORMACK
CONTRACTOR : TVS-PWS-007
NJDEP LIC.# : J1486 (MARK LAURA)

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
4			SANDY SILT, med/fine, brown			
8	4095.04	1		0.0 PPM	1337	
12	4095.05	2		0.0 PPM	1341	REFUSAL

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B8

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED : 11-30-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : Hand Auger
H2O SAMPLER :

OPERATOR : COREY MCCORMACK
CONTRACTOR : TVS-PWS-007
NJDEP LIC.# : J1486 (MARK LAURA)

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2						
4			SANDY SILT, med/fine, brown			
6						
8	4095.06	1		0.0 PPM	1409	Wood and plastic
10			SANDY SILT, med/fine, brown/red. Wood/black plastic.			
12						
14			SANDY SILT, med/fine,brown/red. wood/black plastic.			
16						
18						
20						
22						
24	4095.07	2		0.0 PPM	1414	Wood and plastic
26						
28						

10-05-1999 X:\MTECH5\M8\M8-B008.BOR

000076

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B9

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 11-30-98	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: Hand Auger		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
4			SANDY SILT, med/fine, brown			
8	4095.08	1		0.0 PPM	1429	Red and white plastics
10			SANDY SILT, med/fine, brown. Red/white plastic.			
14			SANDY SILT, med/fine , dk. brown. Green glass.			
24	4095.09	2		0.0 PPM	1433	Green glass. Slight Odor
26						
28						

10-05-1999 X:\MTECH5\M8\M8-B009.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B10

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 11-30-98	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: Hand Auger		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
6	4095.10	1	SANDY SILT, med/fine, brown.	0.0 PPM	1457	
18			SANDY SILT, med/fine, dk. brown.			
22	4095.11	2	SANDY SILT, black. Styrofoam, nails, plastic.	0.0 PPM	1503	
40						

10-05-1999 X:\MTECH5\M8\M8-B010.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B11

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 11-30-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: Hand Auger		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			MIXED SAND, black,some small angular gravels, pea gravel and red brick material.			
4						
6						
8	4095.12	1		0.0 PPM	1525	
10						
12						
14						
16						
18						
20						
22						
24	4095.13	2		0.0 PPM	1529	
26			SUDDEN DROP OF AUGER 1 1/2 FEET.			
28						
30						
32						
34						
36						
38						
40						
42						
44						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B12

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 12-16-98	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.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			MIXED SAND, black,some small angular gravels, pea gravel and red brick material.			
4						
6						
8	4145.02	1		0.0 PPM	0945	
10						
12						
14						
16						
18						
20						
22						
24	4145.03	2		0.0 PPM	0945	
26						
28						
30						
32						
34						
36						

10-05-1999 X:\MTECH5\M8\M8-B012.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B13

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 12-16-98	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.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			CLAYEY SILT, dk. olive green/black			
4						
6						
8	4145.04	1		0.0 PPM	1000	Native soils
10						
12						
14						
16						
18						
20						
22						
24	4145.05	2		0.0 PPM	1000	
26						
28						
30						
32						
34						
36						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B14

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 12-16-98	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.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			LOAMY SILTY CLAY AND SAND, dk. olive green/black			
4						
6						
8	4145.06	1		0.0 PPM	1025	Native soils
10						
12						
14						
16						
18						
20						
22						
24	4145.07	2		0.0 PPM	1025	
26						
28						
30						
32						
34						
36						
38						
40						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B15

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 12-16-98	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.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			LOAMY SILTY CLAY AND SAND, DK. olive green/black			
4						
6						
8	4145.08	1		0.0 PPM	1050	Native soils
10						
12						
14						
16						
18						
20						
22						
24	4145.09	2		0.0 PPM	1050	
26						
28						
30						
32						
34						
36						
38						
40						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B16

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 12-16-98	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.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			LOAMY SILTY CLAY AND SAND, DK. olive green/black			
4						
6						
8	4145.10	1		0.0 PPM	1110	Native soils
10						
12						
14						
16						
18						
20						
22						
24	4145.11	2		0.0 PPM	1110	
26						
28						
30						
32						
34						
36						
38						
40						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B17

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 12-16-98	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.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, med/fine, brown.			
4						
6						
8	4145.12	1		0.0 PPM	1130	
10						
12						
14						
16						
18			SAND, fine, Lt. olive green.			
20						
22						
24	4145.13	2		0.0 PPM	1130	
26						
28						
30						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B18

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 12-16-98	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.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SILTY CLAY, SAND, med/fine,black with alternating SAND, med/fine, tan/ olive green.			
4						
6						
8	4145.14	1		0.0 PPM	1150	
10						
12						
14						
16						
18						
20						
22						
24	4145.15	2		0.0 PPM	1150	
26						
28						
30						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B19

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 12-16-98	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.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			MIXED SAND, dk. brown/olive green with sm/med QP GRAVEL			
4						
6						
8	4145.16	1		0.0 PPM	1320	
10						
12						
14						
16						
18						
20						
22						
24	4145.17	2		0.0 PPM	1320	
26						
28						
30						
32						
34						
36						
38						
40						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B20

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 12-16-98	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.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			MIXED SAND, dk. brown/olive green with sm/med QP GRAVEL			
4						
6						
8	4145.18	1		0.0 PPM	1345	
10						
12						
14						
16						
18						
20						
22						
24	4145.19	2		0.0 PPM	1345	
26						
28						
30						
32						
34						
36						
38						
40						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B21

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 12-16-98	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.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			MIXED SAND, dk. brown/olive green with sm/med QP GRAVEL			
4						
6						
8	4145.20	1		0.0 PPM	1400	
10						
12						
14						
16						
18						
20						
22						
24	4145.21	2		0.0 PPM	1400	
26						
28						
30						
32						
34						
36						
38						
40						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B22

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 12-16-98	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.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			MIXED SANDS AND GRAVELS w/ some WOODY MATERIAL			
4						
6						
8	4145.22	1		0.0 PPM	1435	
10						
12						
14						
16						
18						
20						
22						
24	4145.23	2		0.0 PPM	1435	
26						
28						
30						
32						
34						
36						
38						
40						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B23

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 12-16-98	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.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			CLAYEY fine SAND, w/ some organic material.			
4						
6						
8	4145.24	1		0.0 PPM	1500	
10						
12						
14						
16						
18			CLAY, black, moist.			
20						
22						
24	4145.25	2		0.0 PPM	1500	
26						
28						
30						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B24

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 12-16-98	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.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, med/fine, brown.			
4						
6						
8	4145.26	1		0.0 PPM	1530	
10						
12						
14			SAND, fine, DK. grey w/ cement bits.			
16						
18						
20						
22						
24	4145.27	2		0.0 PPM	1530	
26						
28						
30			cement debris.			
32						
34						
36						
38						
40						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B25

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 12-16-98	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.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			MIXED SANDS and cement debris.			
4						
6						
8	4145.28	1		0.0 PPM	1600	
10						
12						
14						
16						
18						
20						
22						
24	4145.29	2		0.0 PPM	1600	
26						
28						
30						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B26

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 12-16-98	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.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			MIXED SANDS black and brown with woody material.			
4						
6						
8	4145.30	1		0.0 PPM	1615	
10						
12						
14						
16						
18						
20						
22						
24	4145.31	2		0.0 PPM	1615	
26						
28						
30						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B27

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 12-16-98	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.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			MIXED SANDS black and brown with woody material.			
4						
6						
8	4145.32	1		0.0 PPM	1630	
10						
12						
14						
16						
18						
20						
22						
24	4145.33	2		0.0 PPM	1630	
26						
28						
30						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B28

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 12-16-99	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.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2						
4			SILTY SAND, med/fine, brown.			
6						
8	4145.34	1		0.0 PPM	1645	
10						
12						
14						
16						
18						
20						
22						
24	4145.35	2	MIXED SAND, and woody debris.	0.0 PPM	1645	
26						
28						
30						
32						
34						
36						
38						
40						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B29

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 01-19-99	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.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2						
4			SILT, fine SAND, brown.			
6						
8	4194.02	1		0.0 PPM	0948	
10						
12						
14			MIXED SAND, and cement, red brick, GRAVEL, Poorly Graded.			
16						
18						
20						
22						
24	4194.03	2		0.0 PPM	0948	
26						
28						
30			MIXED SAND, and woody debris.			
32						
34						
36						
38						
40						

10-05-1999 X:\MTECH5\M8\M8-B029.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B30

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 01-19-99	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.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, and SILT, brown.			
4			SANDY SILT, asphalt and gravel.			
6		1				
8	4194.04			0.0 PPM	1020	
10						
12						
14						
16						
18						
20			SAND, CLAY, olive green.			
22						
24	4194.05	2		0.0 PPM	1020	
26						
28						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B31

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 01-19-99	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.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, and SILT, brown.			
4			SANDY SILT, asphalt and gravel.			
6						
8	4194.06	1		0.0 PPM	1042	
10						
12						
14						
16						
18						
20			SAND, CLAY, olive green.			
22						
24	4194.07	2		0.0 PPM	1042	
26						
28						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B32

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 01-19-99	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.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			MIXED SAND, SILT brown with cement and round gravel.			
4						
6						
8	4194.08	1		0.0 PPM	1100	
10						
12						
14						
16						
18						
20						
22						
24	4194.09	2		0.0 PPM	1100	
26						
28						
30						
32						
34						
36						
38						
40						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B33

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 01-19-99	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.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			MIXED SAND, CLAY brown with cement and asphalt debris.			
4						
6						
8	4194.10	1		0.0 PPM	1123	
10						
12						
14						
16						
18						
20						
22						
24	4194.11	2		0.0 PPM	1123	
26						
28						
30						
32						
34						
36						
38						
40						

10-05-1999 X:\MTECH5\M8\M8-B033.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B34

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 01-19-99	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.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, med/fine, with little silt. brown.			
4						
6						
8	4194.12	1		0.0 PPM	1145	
10						
12						
14						
16						
18						
20						
22						
24	4194.13	2	cement	0.0 PPM	1145	
26						
28						
30						
32						
34						
36						

10-05-1999 X:\MTECH5\M8\M8-B034.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B35

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 01-19-99	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.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SILTY SAND, fine, brown.			
4						
6						
8	4194.14	1		0.0 PPM	1315	
10						
12						
14						
16						
18			SAND, fine with some silt and cement debris.			
20						
22						
24	4194.15	2		0.0 PPM	1315	
26						
28						
30						

10-05-1999 X:\MTECH5\M8\M8-B035.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B36

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 01-19-99	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.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			Woody material with some sand, fine. Brown/grey.			
4						
6						
8	4194.16	1		0.0 PPM	1335	
10						
12						
14						
16						
18						
20						
22			Possible broken down porcelain material.			
24	4194.17	2		0.0 PPM	1335	
26						
28						
30						
32						
34						
36						

10-05-1999 X:\MTECH5\M8\M8-B036.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B37

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 01-19-99	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.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, SILT. brown.			
4						
6						
8	4194.18	1		0.0 PPM	1400	
10						
12						
14						
16						
18						
20						
22						
24	4194.19	2		0.0 PPM	1400	
26						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B38

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 01-19-99	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.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, lt. brown.			
4						
6						
8	4194.20	1		0.0 PPM	1420	
10						
12						
14						
16						
18						
20			SILT, fine, sand. lt. brown/orange.			
22						
24	4194.21	2		0.0 PPM	1420	
26						

10-05-1999 X:\MTECH5\M8\M8-B038.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B39

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 01-19-99	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.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, brown/orange.			
4						
6						
8	4194.22	1		0.0 PPM	1433	
10						
12						
14						
16						
18						
20						
22						
24	4194.23	2		0.0 PPM	1433	

10-05-1999 X:\MTECH5\M8\M8-B039.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B40

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 01-19-99	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.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, brown. moist.			
4						
6						
8	4194.24	1		0.0 PPM	1443	
10						
12						
14						
16						
18			SILT, fine sand. brown. asphalt material.			
20						
22						
24	4194.25	2		0.0 PPM	1443	

10-05-1999 X:\MTECH5\M8\M8-B040.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B41

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 01-19-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: HAND AUGER		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, brown.			
4						
6						
8	4194.26	1		0.0 PPM	1457	
10						
12						
14						
16						
18	4194.27	2	SANDY SILT, med/fine, brown.	0.0 PPM	1457	
20						
22						
24						
26						
28			SANDY SILT, med/fine, dk. brown.			
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

10-12-1999 X:\MTECH5\M8\M8-B041.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B1A

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 03-16-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: Hand Auger		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, brown. concrete, sampled above.			
4						
6						
8	4351.02	1		0.0 PPM	0900	
10						
12						
14						
16						
18	4351.03	2		0.0 PPM	0900	
20						
22						
24						
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B2B

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 03-16-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: Hand Auger		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2						
4			SAND, fine, brown.			
6						
8	4351.04	1		0.0 PPM	0909	
10						
12						
14						
16						
18						
20			SILT, fine sand. brown.			
22						
24	4351.05	2		0.0 PPM	0909	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

10-05-1999 X:\MTECH5\M8\M8-B02B.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B3C

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 03-16-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: Hand Auger		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, brown.			
4						
6						
8	4351.06	1		0.0 PPM	0921	
10						
12						
14						
16						
18						
20			SILT, fine sand. brown.			
22						
24	4351.07	2		0.0 PPM	0921	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

10-05-1999 X:\MTECH5\M8\M8-B03C.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B4D

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 03-16-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: HAND AUGER		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, brown.			
4						
6						
8	4351.08	1		0.0 PPM	0934	
10						
12						
14						
16						
18						
20			SILT, fine sand. brown.			
22						
24	4351.09	2		0.0 PPM	0934	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B5E

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 03-16-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: HAND AUGER		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, brown.			
4						
6						
8	4351.10	1		0.0 PPM	0946	
10						
12						
14						
16						
18			SILT, fine sand. brown.			
20						
22						
24	4351.11	2		0.0 PPM	0946	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B6F

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 03-16-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: HAND AUGER		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2						
4			SAND, fine, brown.			
6						
8	4351.12	1		0.0 PPM	0951	
10						
12						
14						
16			SILT, fine sand. brown.			
18						
20						
22						
24	4351.13	2		0.0 PPM	0951	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

10-05-1999 X:\MTECH5\M8\M8B06F.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B7G

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 03-16-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: HAND AUGER		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2						
			SAND, fine, dk. brown.			
4						
6						
			SANDY CLAY, med/fine, black.			
8						
	4351.14	1		0.0 PPM	1000	
10						
12						
14						
16	4351.15	2		0.0 PPM	1000	SAMPLED AT 16, BLOCKAGE
18						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B8H

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 03-16-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: HAND AUGER		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, dk. brown.			
4						
6						
8	4351.16	1		0.0 PPM	1103	
10						
12						
14						
16						
18			SANDY CLAY, med/fine, black.			
20						
22						
24	4351.17	2		0.0 PPM	1103	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

10-05-1999 X:\MTECH5\M8\M8-B8H.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B9I

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 03-16-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: HAND AUGER		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, dk. brown.			
4						
6						
8	4351.18	1		0.0 PPM	1319	
10						
12						
14						
16						
18						
20			SANDY CLAY, med/fine, black.			
22						
24	4351.19	2		0.0 PPM	1319	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

10-05-1999 X:\MTECH5\M8\M8-B9I.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B10J

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 03-16-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: HAND AUGER		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, dk. brown.			
4						
6						
8	4351.20	1		0.0 PPM	1322	
10						
12						
14						
16						
18			SANDY CLAY, med/fine, black.			
20	4351.21	2		0.0 PPM	1322	BLOCKAGE
22						
24						
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B11K

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 03-16-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: HAND AUGER		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, dk. brown.			
4						
6						
8	4351.22	1		0.0 PPM	1348	
10						
12						
14						
16						
18						
20			SANDY CLAY, med/fine, black.			
22						
24	4351.23	2		0.0 PPM	1348	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

10-05-1999 X:\MTECH5\MB\M8-B11K.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B12L

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 03-16-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: HAND AUGER		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, dk. brown.			
4						
6						
8	4351.24	1		0.0 PPM	1401	
10						
12						
14						
16						
18						
20						
22			SANDY CLAY, med/fine, black.			
24	4351.25	2		0.0 PPM	1401	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

10-05-1999 X:\MTECH5\M8\M8-B12L.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B13M

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 03-16-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	: HAND AUGER		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, dk. brown.			
4						
6						
8	4351.26	1		0.0 PPM	1412	
10						
12						
14						
16						
18						
20			SANDY CLAY, med/fine, black.			
22						
24	4351.27	2		0.0 PPM	1412	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

10-05-1999 X:\MTECH5\M8\M8-B13M.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B14N

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 03-17-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: HAND AUGER		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, dk. brown.			
4						
6						
8	4354.02	1		0.0 PPM	0825	
10						
12						
14						
16			SANDY CLAY, med/fine, black.			
18						
20	4354.03	2		0.0 PPM	0825	
22						
24						
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

10-06-1999 X:\MTECH5\M8\M8-B14N.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B15O

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 03-17-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: HAND AUGER		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, dk. brown.			
4						
6						
8	4354.04	1		0.0 PPM	0831	
10						
12						
14						
16						
18						
20			SANDY CLAY, med/fine, brown..			
22						
24	4354.05	2		0.0 PPM	0831	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

10-06-1999 X:\MTECH5\M8\M8-B15O.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B16P

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 03-17-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: HAND AUGER		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, dk. brown.			
4						
6						
8	4354.06	1		0.0 PPM	0837	
10						
12						
14						
16						
18						
20			SANDY CLAY, med/fine, brown.			
22						
24	4354.07	2		0.0 PPM	0837	
26						
28						
30						
32						
34						
36						
38						
40						
42			cement			
44						
46						
48						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B17Q

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 03-17-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: HAND AUGER		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, dk. brown.			
4						
6						
8	4354.08	1		0.0 PPM	0910	
10						
12						
14						
16						
18						
20			SANDY CLAY, med/fine, brown.			
22						
24	4354.09	2		0.0 PPM	0910	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B18R

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 03-17-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: HAND AUGER		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, dk. brown.			
4						
6						
8	4354.10	1		0.0 PPM	0930	
10						
12						
14			SANDY CLAY, med/fine, brown. blockage. sampled here.			
16						
18	4354.11	2		0.0 PPM	0930	BLOCKAGE
20						
22						
24						
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

10-05-1999 X:\MTECH5\M8\M8-B18R.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B19S

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 03-17-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: HAND AUGER		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			cement			
4						
6						
8	4354.12	1	SAND, fine, dk. brown.	0.0 PPM	1010	
10						
12						
14						
16						
18						
20			SANDY CLAY, med/fine, brown.			
22						
24	4354.13	2		0.0 PPM	1010	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B20T

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 03-17-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: HAND AUGER		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, dk. brown.			
4						
6						
8	4354.14	1		0.0 PPM	1035	
10						
12						
14						
16						
18						
20			SANDY CLAY, med/fine, brown.			
22						
24	4354.15	2		0.0 PPM	1035	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

10-05-1999 X:\MTECH5\M8\M8-B20T.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B21U

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 03-17-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, dk. brown.			
4						
6						
8	4354.16	1		0.0 PPM	1018	
10						
12						
14						
16						
18						
20						
22			SANDY CLAY, med/fine, brown.			
24	4354.17	2		0.0 PPM	1018	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B22V

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 03-17-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: HAND AUGER		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			SAND, fine, dk. brown.			
8	4354.18	1		0.0 PPM	1200	
14			SANDY CLAY, med/fine, brown. blockage.			
18	4354.19	2		0.0 PPM	1200	

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B23W

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 03-17-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: HAND AUGER		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, dk. brown.			
4						
6						
8	4354.20	1		0.0 PPM	1136	
10						
12						
14						
16						
18						
20			SANDY CLAY, med/fine, brown.			
22						
24	4354.21	2		0.0 PPM	1136	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B24X

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 03-17-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: HAND AUGER		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, dk. brown.			
4						
6						
8	4354.22	1		0.0 PPM	1337	
10	4354.23	2		0.0 PPM	1337	
12						
14						
16						
18						
20						
22						
24						
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

10-05-1999 X:\MTECH5\M8\M8-B24X.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B25Y

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 03-17-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: HAND AUGER		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, dk. brown.			
4						
6						
8	4354.24	1		0.0 PPM	1341	
10						
12						
14						
16	4354.25	2		0.0 PPM	1341	
18						
20						
22						
24						
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B26Z

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 03-17-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: HAND AUGER		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			Turf.			
2						
4			SAND, fine, dk. brown.			
6						
8	4354.26	1		0.0 PPM	1359	
10						
12			SANDY SILT, med/fine, dk. brown. Blockage.			
14						
16	4354.27	2		0.0 PPM	1359	
18						
20						
22						
24						
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

10-12-1999 X:\MTECH5\M8\M8-B26Z.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B27AA

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 03-17-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: HAND AUGER		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, dk. brown.			
4						
6						
8	4354.28	1		0.0 PPM	1411	
10						
12						
14						
16						
18						
20			CLAYEY SAND, med/fine, brown.			
22						
24	4354.29	2		0.0 PPM	1411	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B28BB

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 03-18-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: HAND AUGER		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, dk. brown.			
4						
6						
8	4357.02	1		0.0 PPM	0910	
10						
12						
14						
16			CLAYEY SAND, med/fine, brown/black.			
18						
20	4357.03	2		0.0 PPM	0910	
22						
24						
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

10-05-1999 X:\MTECH5\M8\M8-B28BB.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B29CC

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 03-18-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: HAND AUGER		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, dk. brown.			
4						
6						
8	4357.04	1		0.0 PPM	0924	
10						
12						
14						
16			CLAYEY SAND, med/fine, black.			
18	4357.05	2		0.0 PPM	0924	
20						
22						
24						
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

10-05-1999 X:\MTECH5\M8\M8-B29CC.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B30DD

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 03-18-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: HAND AUGER		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, dk. brown/black.			
4						
6						
8	4357.06	1		0.0 PPM	0946	
10						
12						
14						
16						
18			CLAYEY SAND, med/fine, black.			
20						
22						
24	4357.07	2		0.0 PPM	0946	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B31EE

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 03-18-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: HAND AUGER		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, dk. brown/black.			
4						
6						
8	4357.08	1		0.0 PPM	1001	
10						
12						
14						
16						
18			CLAYEY SAND, med/fine, black.			
20						
22						
24	4357.09	2		0.0 PPM	1001	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B32FF

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 03-18-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: HAND AUGER		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
4			SAND, fine, dk. brown/black.			
8	4357.10	1		0.0 PPM	1006	
18			CLAYEY SAND, med/fine, black.			
24	4357.11	2		0.0 PPM	1006	

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B33GG

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 03-18-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: HAND AUGER		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, dk. brown/black.			
4						
6						
8	4357.12	1		0.0 PPM	1032	
10						
12						
14						
16						
18						
20			CLAYEY SAND, med/fine, black.			
22						
24	4357.13	2		0.0 PPM	1032	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

10-06-1999 X:\MTECH5\M8\M8-B33GG.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B34HH

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 03-18-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: HAND AUGER		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, dk. brown/black.			
4						
6						
8	4357.14	1		0.0 PPM	1047	
10						
12						
14						
16						
18			CLAYEY SAND, med/fine, black.			
20						
22						
24	4357.15	2		0.0 PPM	1047	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

10-06-1999 X:\MTECH5\M8\M8-B34HH.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B35II

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 03-18-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: HAND AUGER		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, dk. brown/black.			
4						
6						
8	4357.16	1		0.0 PPM	1104	
10						
12						
14						
16						
18			CLAYEY SAND, med/fine, black.			
20						
22						
24	4357.17	2		0.0 PPM	1104	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

10-06-1999 X:\MTECH5\M8\M8-B35II.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B36JJ

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 03-18-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: HAND AUGER		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, dk. brown/black.			
4						
6						
8	4357.18	1		0.0 PPM	1126	
10						
12						
14						
16						
18			CLAYEY SAND, med/fine, black.			
20						
22						
24	4357.19	2		0.0 PPM	1126	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

10-06-1999 X:\MTECH5\M8\M8-B36JJ.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B37KK

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 03-18-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: HAND AUGER		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, dk. brown/black.			
4						
6						
8	4357.20	1		0.0 PPM	1131	
10						
12						
14						
16			CLAYEY SAND, med/fine, black. moist.			
18						
20	4357.21	2		0.0 PPM	1131	
22						
24						
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

10-06-1999 X:\MTECH5\M8\M8-B37KK.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B38LL

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 03-18-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: HAND AUGER		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, black.			
4						
6						
8	4357.22	1		0.0 PPM	1344	
10						
12						
14						
16	4357.23	2	CLAYEY SAND, med/fine, black. moist.	0.0 PPM	1344	
18						
20						
22						
24						
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B39MM

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 03-18-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: HAND AUGER		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, black.			
4						
6						
8	4357.24	1		0.0 PPM	1339	
10						
12						
14						
16						
18			CLAYEY SAND, med/fine, black. wet.			
20						
22						
24	4357.25	2		0.0 PPM	1339	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

10-06-1999 X:\MTECH5\M8\M8-B39MM.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B40NN

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 03-18-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: HAND AUGER		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, black.			
4						
6						
8	4357.26	1		0.0 PPM	1347	
10						
12						
14						
16			CLAYEY SAND, med/fine, black. VERY wet.			
18						
20	4357.27	2		0.0 PPM	1347	
22						
24						
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

10-06-1999 X:\MTECH5\M8\M8-B40NN.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B41OO

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 03-18-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: HAND AUGER		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, black.			
4						
6						
8	4357.28	1	CLAYEY SAND, med/fine, black. VERY wet.	0.0 PPM	1357	
10						
12						
14						
16	4357.29	2		0.0 PPM	1357	
18						
20						
22						
24						
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

10-06-1999 X:\MTECH5\M8\M8-B41OO.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B42PP

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 03-18-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: HAND AUGER		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, black.			
4						
6						
8	4357.30	1		0.0 PPM	1410	
10						
12						
14						
16						
18			CLAYEY SAND, med/fine, black.			
20	4357.31	2		0.0 PPM	1410	
22						
24						
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

10-12-1999 X:\MTECH5\M8\M8-B42PP.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B43

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 03-26-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: HAND AUGER		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, black.			
4						
6						
8	4372.02	1		0.0 PPM	1337	
10						
12						
14						
16			CLAYEY SAND, med/fine, black.			
18						
20	4372.03	2		0.0 PPM	1342	
22						
24						
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

10-06-1999 X:\MTECH5\M8\M8-B43.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B44

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 03-26-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: HAND AUGER		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, black.			
4						
6						
8	4372.04	1		0.0 PPM	1348	
10						
12						
14						
16						
18			CLAYEY SAND, med/fine, black. VERY wet.			
20						
22	4372.05	2		0.0 PPM	1355	
24			wood			
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

10-06-1999 X:\MTECH5\M8\M8-B44.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B45

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 03-26-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: HAND AUGER		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, black.			
4						
6						
8	4372.06	1		0.0 PPM	1413	
10						
12						
14						
16			CLAYEY SAND, med/fine, black.			
18						
20						
22						
24	4372.07	2		0.0 PPM	1419	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

10-06-1999 X:\MTECH5\M8\M8-B45.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B46

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED : 03-26-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : HAND AUGER
H2O SAMPLER :

OPERATOR : COREY MCCORMACK
CONTRACTOR : TVS-PWS-007
NJDEP LIC.# : J1486 (MARK LAURA)

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			wood			
4			SAND, fine, black.			
6						
8	4372.08	1		0.0 PPM	1425	
10						
12						
14						
16						
18						
20			CLAYEY SAND, med/fine, black.			
22	4372.09	2		0.0 PPM	1428	
24						
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

10-06-1999 X:\MTECH5\M8\M8-B46.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B47

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 03-26-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: HAND AUGER		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, black.			
4						
6						
8	4372.10	1		0.0 PPM	1437	
10						
12						
14						
16						
18						
20			CLAYEY SAND, med/fine, black.			
22						
24	4372.11	2		0.0 PPM	1444	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

10-06-1999 X:\MTECH5\M8\M8-B47.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B48

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 03-26-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: HAND AUGER		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, black. wood .			
4						
6						
8	4372.12	1		0.0 PPM	1456	
10						
12						
14			CLAYEY SAND, med/fine, black. wood .			
16	4372.13	2		0.0 PPM	1458	
18						
20						
22						
24						
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

10-06-1999 X:\MTECH5\M8\M8-B48.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B49

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 03-29-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: HAND AUGER		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, dk. brown/black.			
4						
6						
8	4376.02	1		0.0 PPM	0900	
10						
12						
14						
16						
18			CLAYEY SAND, med/fine, black.			
20						
22						
24	4376.03	2		0.0 PPM	0900	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

10-06-1999 X:\MTECH5\M8\M8-B49.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B50

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 03-29-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: HAND AUGER		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, dk. brown.			
4						
6						
8	4376.04	1		0.0 PPM	0905	
10						
12						
14						
16						
18						
20			CLAYEY SAND, med/fine, dk. brown/ black.			
22						
24	4376.05	2		0.0 PPM	0905	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

10-06-1999 X:\MTECH5\M8\M8-B50.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B51

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 03-29-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: HAND AUGER		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, dk. brown.			
4						
6						
8	4376.06	1		0.0 PPM	0930	
10						
12						
14						
16						
18						
20						
22			CLAYEY SAND, med/fine, dk. brown.			
24	4376.07	2		0.0 PPM	0930	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

10-06-1999 X:\MTECH5\M8\M8-B51.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B52

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 03-29-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: HAND AUGER		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, dk. brown/black.			
4						
6						
8	4376.08	1		0.0 PPM	0947	
10						
12			garbage bag.			
14						
16			CLAYEY SAND, med/fine, dk. brown.			
18						
20						
22						
24	4376.09	2		0.0 PPM	0947	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

10-06-1999 X:\MTECH5\M8\M8-B52.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B53

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 03-29-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: HAND AUGER		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, dk. brown.			
4						
6						
8	4376.10	1		0.0 PPM	0953	
10			CLAYEY SAND, med/fine, dk. brown. blockage.			
12						
14	4376.11	2		0.0 PPM	0953	
16						
18						
20						
22						
24						
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B54

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 03-29-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: HAND AUGER		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, dk. brown.			
4						
6						
8	4376.12	1		0.0 PPM	1010	
10			CLAYEY SAND, med/fine, dk. brown. blockage.			
12						
14	4376.13	2		0.0 PPM	1010	
16						
18						
20						
22						
24						
26						
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30						
32						
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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B55

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 03-29-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, dk. brown. red brick.			
4						
6						
8	4376.14	1		0.0 PPM	1021	
10						
12						
14			CLAYEY SAND, med/fine, dk. brown.			
16						
18						
20						
22						
24	4376.15	2		0.0 PPM	1021	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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LOG OF BORING M8-B56

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 03-29-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, dk. brown.			
4						
6						
8	4376.16	1		0.0 PPM	1034	
10						
12						
14						
16						
18			CLAYEY SAND, med/fine, dk. brown.			
20						
22						
24	4376.17	2		0.0 PPM	1034	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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LOG OF BORING M8-B57

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 03-29-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, dk. brown.			
4						
6						
8	4376.18	1		0.0 PPM	1037	
10						
12						
14						
16						
18						
20			CLAYEY SAND, med/fine, dk. brown.			
22						
24	4376.19	2		0.0 PPM	1037	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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LOG OF BORING M8-B58

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 03-29-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, dk. brown/black.			
4						
6						
8	4376.20	1		0.0 PPM	1050	
10						
12						
14			garbage (misc)			
			CLAYEY SAND, med/fine, dk. brown/black.			
16						
18						
20						
22						
24	4376.21	2		0.0 PPM	1050	
26						
28						
30						
32						
34						
36						
38						
40						
42						
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46						
48						

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LOG OF BORING M8-B59

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 03-29-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, dk. brown/black..			
4						
6						
8	4376.22	1		0.0 PPM	1115	
10						
12						
14			garbage (misc).			
			CLAYEY SAND, med/fine, dk. brown/black.			
16						
18						
20						
22						
24	4376.23	2		0.0 PPM	1115	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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LOG OF BORING M8-B60

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SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 03-29-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, dk. brown. wet.			
4						
6						
8	4376.24	1		0.0 PPM	1127	
10						
12						
14						
16						
18						
20			CLAYEY SAND, med/fine, dk. brown.			
22						
24	4376.25	2		0.0 PPM	1127	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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LOG OF BORING M8-B61

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 03-29-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, dk. brown.			
4						
6						
8	4376.26	1		0.0 PPM	1301	
10						
12						
14						
16						
18						
20						
22			CLAYEY SAND, med/fine, dk. brown.			
24	4376.27	2		0.0 PPM	1310	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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LOG OF BORING M8-B62

U.S. ARMY
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SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 03-29-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, dk. brown.			
4						
6						
8	4376.28	1		0.0 PPM	1316	
10						
12			CLAYEY SAND, med/fine, dk. brown. blockage.			
14						
16						
18	4376.29	2		0.0 PPM	1321	
20						
22						
24						
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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LOG OF BORING M8-B63

U.S. ARMY
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SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 03-29-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, dk. brown.			
4						
6						
8	4376.30	1		0.0 PPM	1327	
10						
12			CLAYEY SAND, med/fine, dk. brown. blockage.			
14						
16						
18	4376.31	2		0.0 PPM	1337	
20						
22						
24						
26						
28						
30						
32						
34						
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JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 03-29-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			garbage bag (misc).			
4						
6						
8	4376.32	1		0.0 PPM	1342	
10						
12						
14						
16						
18			SAND, fine, dk. brown/black.			
20			CLAYEY SAND, med/fine, dk. brown/black.			
22						
24	4376.33	2		0.0 PPM	1349	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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LOG OF BORING M8-B65

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JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 03-29-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, dk. brown.			
4						
6						
8	4376.34	1		0.0 PPM	1357	
10						
12						
14			CLAYEY SAND, med/fine, dk. brown. blockage.			
16						
18						
20	4376.35	2	Sheet metal. 4 borings in area. hit on all.	0.0 PPM	1359	
22						
24						
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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LOG OF BORING M8-B66

U.S. ARMY
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SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 03-29-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, dk. brown.			
4						
6						
8	4376.36	1		0.0 PPM	1412	
10						
12						
14						
16						
18			CLAYEY SAND, med/fine, dk. brown.			
20						
22						
24	4376.37	2		0.0 PPM	1418	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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LOG OF BORING M8-B67

U.S. ARMY
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JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 03-30-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, brown.			
4						
6						
8	4382.02	1		0.0 PPM	0810	
10						
12						
14						
16						
18			CLAYEY SAND, med/fine, dk. brown.			
20						
22						
24	4382.03	2		0.0 PPM	0817	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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LOG OF BORING M8-B68

U.S. ARMY
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JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 03-30-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, brown.			
4						
6						
8	4382.04	1		0.0 PPM	0815	
10						
12						
14						
16						
18						
20			CLAYEY SAND, med/fine, dk. brown.			
22						
24	4382.05	2		0.0 PPM	0824	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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LOG OF BORING M8-B69

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 03-30-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, brown.			
4						
6						
8	4382.06	1		0.0 PPM	0821	
10						
12						
14			CLAYEY SAND, med/fine, dk. brown.			
16						
18						
20						
22						
24	4382.07	2		0.0 PPM	0829	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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LOG OF BORING M8-B70

U.S. ARMY
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JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 03-30-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, brown.			
4						
6						
8	4382.08	1		0.0 PPM	0828	
10						
12						
14						
16						
18						
20			CLAYEY SAND, med/fine, dk. brown.			
22						
24	4382.09	2		0.0 PPM	0834	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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LOG OF BORING M8-B71

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 03-30-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, brown.			
4						
6						
8	4382.10	1		0.0 PPM	0837	
10						
12						
14						
16						
18						
20						
22			CLAYEY SAND, med/fine, dk. brown.			
24	4382.11	2		0.0 PPM	0844	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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LOG OF BORING M8-B72

U.S. ARMY
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SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED : 03-30-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER :

OPERATOR : COREY MCCORMACK
CONTRACTOR : TVS-PWS-007
NJDEP LIC.# : J1486 (MARK LAURA)

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, brown.			
4						
6						
8	4382.12	1		0.0 PPM	0847	
10						
12			SANDY SILT, lt. brown. blockage.			
14	4382.13	2		0.0 PPM	0852	
16						
18						
20						
22						
24						
26						
28						
30						
32						
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LOG OF BORING M8-B73

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 03-30-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: HAND AUGER		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, brown.			
4						
6						
8	4382.14	1		0.0 PPM	0904	
10						
12						
14						
16						
18			CLAYEY SAND, med/fine, dk. brown/black.			
20						
22						
24	4382.15	2		0.0 PPM	0913	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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LOG OF BORING M8-B74

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 03-30-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: HAND AUGER		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, brown.			
4						
6						
8	4382.16	1		0.0 PPM	0917	
10						
12						
14						
16						
18			garbage bag (misc)			
			CLAYEY SAND, med/fine, dk. brown/black.			
20						
22						
24	4382.17	2		0.0 PPM	0921	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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U.S.ARMY
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LOG OF BORING M8-B75

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 03-30-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: HAND AUGER		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, brown.			
4						
6						
8	4382.18	1		0.0 PPM	0924	
10						
12						
14						
16						
18	4382.19	2	wood	0.0 PPM	0929	
20						
22						
24						
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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FORT MONMOUTH
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LOG OF BORING M8-B76

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 03-30-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: HAND AUGER		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, brown.			
4						
6						
8	4382.20	1		0.0 PPM	0933	
10						
12						
14						
16						
18						
20						
22			CLAYEY SAND, med/fine, dk. brown/black.			
24	4382.21	2		0.0 PPM	0940	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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LOG OF BORING M8-B77

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 03-30-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, brown/black.			
4						
6						
8	4382.22	1		0.0 PPM	1030	
10						
12						
14						
16						
18			garbage bag (misc)			
			CLAYEY SAND, med/fine, dk. brown/black.			
20						
22						
24	4382.23	2		0.0 PPM	1037	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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LOG OF BORING M8-B78

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 03-30-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: HAND AUGER		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, brown. red brick material.			
4						
6						
8	4382.24	1		0.0 PPM	1041	
10						
12						
14						
16						
18						
20			CLAYEY SAND, med/fine, dk. brown. red brick material.			
22						
24	4382.25	2		0.0 PPM	1047	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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LOG OF BORING M8-B79

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 03-30-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, brown. red brick material.			
4						
6						
8	4382.28	1		0.0 PPM	1051	
10						
12						
14						
16						
18			CLAYEY SAND, med/fine, dk. brown. red brick material.			
20						
22						
24	4382.29	2		0.0 PPM	1059	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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LOG OF BORING M8-B80

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED : 03-30-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER :

OPERATOR : COREY MCCORMACK
CONTRACTOR : TVS-PWS-007
NJDEP LIC.# : J1486 (MARK LAURA)

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, brown. red brick material.			
4						
6						
8	4382.30	1		0.0 PPM	1109	
10						
12						
14						
16			CLAYEY SAND, med/fine, dk. brown/black. red brick material.			
18						
20						
22						
24	4382.31	2		0.0 PPM	1117	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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LOG OF BORING M8-B81

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 03-30-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, brown.			
4						
6						
8	4382.32	1		0.0 PPM	1122	
10						
12						
14						
16						
18			CLAYEY SAND, med/fine, dk. brown/black.			
20						
22						
24	4382.33	2	garbage bag (misc).	0.0 PPM	1130	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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LOG OF BORING M8-B82

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 03-30-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, brown.			
4						
6						
8	4382.34	1		0.0 PPM	1137	
10						
12						
14						
16						
18			CLAYEY SAND, med/fine, dk. brown.			
20						
22						
24	4382.35	2		0.0 PPM	1141	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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LOG OF BORING M8-B83

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 03-30-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, lt. brown.			
4						
6						
8	4382.38	1		0.0 PPM	1310	
10						
12						
14						
16			CLAYEY SAND, med/fine, dk. brown.			
18						
20						
22						
24	4382.39	2		0.0 PPM	1317	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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LOG OF BORING M8-B84

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 03-30-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, brown.			
4						
6						
8	4382.40	1		0.0 PPM	1319	
10						
12						
14						
16						
18						
20			CLAYEY SAND, med/fine, dk. brown.			
22						
24	4382.41	2		0.0 PPM	1324	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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LOG OF BORING M8-B85

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 03-30-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine,lt. brown.			
4						
6						
8	4382.42	1		0.0 PPM	1327	
10						
12						
14			CLAYEY SAND, med/fine, dk. brown			
16						
18						
20						
22						
24	4382.43	2		0.0 PPM	1335	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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LOG OF BORING M8-B86

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 03-30-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, brown.			
4						
6						
8	4382.44	1		0.0 PPM	1341	
10			CLAYEY SAND, med/fine, dk. brown/black.			
12						
14						
16						
18			garbage bag (misc). SANDY CLAY, black, moist.			
20						
22						
24	4382.45	2		0.0 PPM	1347	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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LOG OF BORING M8-B87

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 03-30-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, brown.			
4						
6						
8	4382.46	1		0.0 PPM	1354	
10			CLAYEY SAND, med/fine, dk. brown/black. garbage (misc).			
12						
14	4382.47	2		0.0 PPM	1357	
16						
18						
20			wood and cement			
22						
24						
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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LOG OF BORING M8-B88

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 03-30-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, brown.			
4						
6						
8	4382.48	1		0.0 PPM	1402	
10						
12						
14						
16						
18			CLAYEY SAND, med/fine, dk. brown/black.			
20						
22						
24	4382.49	2		0.0 PPM	1415	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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LOG OF BORING M8-B89

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 04-01-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, brown.			
4						
6						
8	4389.02	1		0.0 PPM	0905	
10						
12						
14						
16						
18						
20			CLAYEY SAND, med/fine, dk. brown.			
22						
24	4389.03	2		0.0 PPM	0910	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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LOG OF BORING M8-B90

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 04-01-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: HAND AUGER		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, brown.			
4						
6						
8	4389.04	1		0.0 PPM	0909	
10						
12						
14						
16			CLAYEY SAND, med/fine, dk. brown.			
18						
20						
22						
24	4389.05	2		0.0 PPM	0917	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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LOG OF BORING M8-B91

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 04-01-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: HAND AUGER		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, brown.			
4						
6						
8	4389.06	1		0.0 PPM	0918	
10						
12						
14						
16						
18			CLAYEY SAND, med/fine, dk. brown.			
20						
22						
24	4389.07	2		0.0 PPM	0924	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
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LOG OF BORING M8-B92

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 04-01-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: HAND AUGER		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, brown.			
4						
6						
8	4389.08	1		0.0 PPM	0923	
10						
12						
14						
16						
18						
20						
22			CLAYEY SAND, med/fine, dk. brown.			
24	4389.09	2		0.0 PPM	0929	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

10-06-1999 X:\MTECH5\M8\M8-B92.BOR

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FORT MONMOUTH
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LOG OF BORING M8-B93

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED : 04-01-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : HAND AUGER
H2O SAMPLER :

OPERATOR : COREY MCCORMACK
CONTRACTOR : TVS-PWS-007
NJDEP LIC.# : J1486 (MARK LAURA)

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, brown.			
4						
6						
8	4389.10	1		0.0 PPM	0931	
10						
12						
14						
16			CLAYEY SAND, med/fine, dk. brown.			
18						
20						
22						
24	4389.11	2		0.0 PPM	0938	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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LOG OF BORING M8-B94

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED : 04-01-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : HAND AUGER
H2O SAMPLER :

OPERATOR : COREY MCCORMACK
CONTRACTOR : TVS-PWS-007
NJDEP LIC.# : J1486 (MARK LAURA)

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, brown.			
4						
6						
8	4389.12	1		0.0 PPM	0942	
10						
12						
14			CLAYEY SAND, med/fine, dk. brown.			
16						
18						
20						
22						
24	4389.13	2		0.0 PPM	0949	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

10-06-1999 X:\MTECH5\M8\M8-B94.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B95

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 04-01-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, brown.			
4						
6						
8	4389.14	1		0.0 PPM	0952	
10						
12						
14						
16						
18			CLAYEY SAND, med/fine, dk. brown.			
20						
22						
24	4389.15	2		0.0 PPM	0958	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

10-06-1999 X:\MTECH5\M8\M8-B95.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B96

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 04-01-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, brown/black.			
4						
6						
8	4389.16	1		0.0 PPM	1003	
10			garbage bag (misc)			
12						
14			CLAYEY SAND, med/fine, black.			
16						
18						
20						
22						
24	4389.17	2		0.0 PPM	1012	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

10-06-1999 X:\MTECH5\M8\M8-B96.BOR

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FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B97

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 04-01-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: HAND AUGER		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, brown.			
4						
6						
8	4389.18	1		0.0 PPM	1047	
10						
12						
14						
16						
18			CLAYEY SAND, med/fine, dk. brown.			
20						
22						
24	4389.19	2		0.0 PPM	1053	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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U.S.ARMY
FORT MONMOUTH
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LOG OF BORING M8-B98

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 04-01-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: HAND AUGER		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, brown.			
4						
6	4389.20	1		0.0 PPM	1054	
8						
10	4389.21	2	cement	0.0 PPM	1059	
12						
14						
16						
18						
20						
22						
24						
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LOG OF BORING M8-B99

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 04-01-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: HAND AUGER		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, brown.			
4						
6						
8	4389.22	1		0.0 PPM	1104	
10						
12						
14						
16			CLAYEY SAND, med/fine, dk. brown.			
18						
20						
22						
24	4389.23	2		0.0 PPM	1108	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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LOG OF BORING M8-B100

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED : 04-01-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : HAND AUGER
H2O SAMPLER :

OPERATOR : COREY MCCORMACK
CONTRACTOR : TVS-PWS-007
NJDEP LIC.# : J1486 (MARK LAURA)

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, brown.			
4						
6						
8	4389.24	1		0.0 PPM	1113	
10						
12						
14						
16	4389.25	2	blockage	0.0 PPM	1120	
18						
20						
22						
24						
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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LOG OF BORING M8-B101

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 04-01-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: HAND AUGER		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, brown.			
4						
6						
8	4389.26	1		0.0 PPM	1124	
10						
12						
14						
16						
18						
20			CLAYEY SAND, med/fine, dk. brown.			
22						
24	4389.27	2		0.0 PPM	1131	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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LOG OF BORING M8-B102

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 04-01-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: HAND AUGER		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, brown.			
4						
6						
8	4389.28	1		0.0 PPM	1139	
10						
12						
14						
16						
18						
20						
22						
24	4389.29	2	CLAYEY SAND, med/fine, dk. brown.	0.0 PPM	1145	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-103

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 04-01-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: HAND AUGER		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, brown.			
4						
6						
8	4389.30	1		0.0 PPM	1147	
10						
12						
14			CLAYEY SAND, med/fine, dk. brown.			
16	4389.31	2		0.0 PPM	1154	
18						
20						
22						
24						
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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U.S.ARMY
FORT MONMOUTH
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LOG OF BORING M8-B104

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 04-05-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, brown.			
4						
6						
8	4394.02	1		0.0 PPM	0900	
10						
12						
14						
16			wood			
18			CLAYEY SAND, med/fine, dk. brown.			
20						
22						
24	4394.03	2		0.0 PPM	0910	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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FORT MONMOUTH
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LOG OF BORING M8-B105

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 04-05-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: HAND AUGER		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, brown.			
4						
6						
8	4394.04	1		0.0 PPM	0908	
10						
12						
14			wood			
16			CLAYEY SAND, med/fine, dk. brown.			
18						
20						
22						
24	4394.05	2		0.0 PPM	0917	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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U.S.ARMY
FORT MONMOUTH
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LOG OF BORING M8-B106

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 04-05-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: HAND AUGER		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, brown.			
4						
6						
8	4394.06	1		0.0 PPM	0914	
10						
12						
14						
16			wood			
18			CLAYEY SAND, med/fine, dk. brown.			
20						
22						
24	4394.07	2		0.0 PPM	0921	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B107

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 04-05-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: HAND AUGER		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, brown.			
4						
6						
8	4394.08	1		0.0 PPM	0923	
10						
12						
14						
16			CLAYEY SAND, med/fine, dk. brown.			
18						
20						
22						
24	4394.09	2		0.0 PPM	0927	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

10-06-1999 X:\MTECH5\M8\M8-B107.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B108

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 04-05-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: HAND AUGER		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, brown.			
4						
6						
8	4394.10	1		0.0 PPM	0930	
10						
12						
14						
16						
18			CLAYEY SAND, med/fine, dk. brown.			
20						
22						
24	4394.11	2		0.0 PPM	0936	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

10-06-1999 X:\MTECH5\M8\M8-B108.BOR

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SELFM-PW-EV

LOG OF BORING M8-B109

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 04-05-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: HAND AUGER		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, brown.			
4						
6						
8	4394.12	1		0.0 PPM	0935	
10						
12						
14						
16						
18						
20			CLAYEY SAND, med/fine, dk. brown.			
22						
24	4394.13	2		0.0 PPM	0941	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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LOG OF BORING M8-B110

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 04-05-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: HAND AUGER		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, brown.			
4						
6						
8	4394.14	1		0.0 PPM	0949	
10						
12						
14			CLAYEY SAND, med/fine, dk. brown.			
16						
18						
20						
22						
24	4394.15	2		0.0 PPM	0954	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

10-06-1999 X:\MTECH5\M8\M8-B110.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B111

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 04-05-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: HAND AUGER		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, brown.			
4						
6						
8	4394.16	1		0.0 PPM	0957	
10						
12						
14						
16			CLAYEY SAND, med/fine, dk. brown.			
18						
20						
22						
24	4394.17	2		0.0 PPM	1003	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

10-06-1999 X:\MTECH5\M8\M8-B111.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B112

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 04-05-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: HAND AUGER		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, brown.			
4						
6						
8	4394.18	1		0.0 PPM	1015	
10						
12						
14						
16						
18						
20			CLAYEY SAND, med/fine, dk. brown.			
22						
24	4394.19	2		0.0 PPM	1018	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B113

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED : 04-05-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : HAND AUGER
H2O SAMPLER :

OPERATOR : COREY MCCORMACK
CONTRACTOR : TVS-PWS-007
NJDEP LIC.# : J1486 (MARK LAURA)

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, brown.			
4						
6						
8	4394.20	1		0.0 PPM	1022	
10						
12						
14						
16						
18			CLAYEY SAND, med/fine, dk. brown.			
20						
22						
24	4394.21	2		0.0 PPM	1027	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B114

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 04-05-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: HAND AUGER		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, brown.			
4						
6						
8	4394.22	1		0.0 PPM	1033	
10						
12			CLAYEY SAND, med/fine, dk. brown.			
14						
16						
18						
20						
22						
24	4394.23	2		0.0 PPM	1039	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

10-06-1999 X:\MTECH5\M8\M8-B114.BOR

000223

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B115

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 04-05-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: HAND AUGER		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, brown.			
4						
6						
8	4394.26	1		0.0 PPM	1300	
10						
12						
14						
16						
18						
20						
22			CLAYEY SAND, med/fine, dk. brown.			
24	4394.27	2		0.0 PPM	1307	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

10-06-1999 X:\MTECH5\M8\M8-B115.BOR

000224

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B116

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 04-05-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: HAND AUGER		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, brown.			
4						
6						
8	4394.28	1		0.0 PPM	1310	
10						
12						
14						
16						
18						
20			CLAYEY SAND, med/fine, dk. brown.			
22						
24	4394.29	2		0.0 PPM	1317	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

10-06-1999 X:\MTECH5\M8\M8-B116.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B117

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 04-05-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: HAND AUGER		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, brown.			
4						
6						
8	4394.30	1		0.0 PPM	1319	
10						
12						
14						
16						
18			CLAYEY SAND, med/fine, dk. brown.			
20						
22						
24	4394.31	2		0.0 PPM	1324	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

10-06-1999 X:\MTECH5\M8\M8-B117.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B118

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 04-05-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: HAND AUGER		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, brown.			
4						
6						
8	4394.32	1		0.0 PPM	1327	
10						
12						
14						
16						
18						
20						
22			CLAYEY SAND, med/fine, dk. brown.			
24	4394.33	2		0.0 PPM	1331	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

10-06-1999 X:\MTECH5\M8\M8-B118.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B119

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 04-05-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: HAND AUGER		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, brown.			
4						
6						
8	4394.34	1		0.0 PPM	1337	
10						
12						
14						
16						
18						
20			CLAYEY SAND, med/fine, dk. brown.			
22						
24	4394.35	2		0.0 PPM	1342	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

10-06-1999 X:\MTECH5\M8\M8-B119.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B120

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 04-05-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: HAND AUGER		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, brown.			
4						
6						
8	4394.36	1		0.0 PPM	1345	
10						
12						
14						
16						
18						
20			CLAYEY SAND, med/fine, dk. brown.			
22						
24	4394.37	2		0.0 PPM	1349	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

10-06-1999 X:\MTECH5\M8\M8-B120.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B121

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 04-05-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: HAND AUGER		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, brown.			
4						
6						
8	4394.38	1		0.0 PPM	1353	
10						
12						
14						
16						
18						
20						
22			CLAYEY SAND, med/fine, dk. brown.			
24	4394.39	2		0.0 PPM	1359	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

10-06-1999 X:\MTECH5\M8\M8-B121.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B122

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 04-05-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: HAND AUGER		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, brown.			
4						
6						
8	4394.40	1		0.0 PPM	1403	
10						
12						
14			CLAYEY SAND, med/fine, dk. brown.			
16						
18						
20						
22						
24	4394.41	2		0.0 PPM	1410	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B123

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 04-05-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, brown.			
4						
6						
8	4394.42	1		0.0 PPM	1415	
10						
12						
14						
16						
18			cement			
20			CLAYEY SAND, med/fine, dk. brown.			
22						
24	4394.43	2		0.0 PPM	1219	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B124

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 04-05-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, brown.			
4						
6						
8	4394.44	1		0.0 PPM	1421	
10						
12						
14						
16						
18			cement			
20			CLAYEY SAND, med/fine, dk. brown.			
22						
24	4394.45	2		0.0 PPM	1227	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B125

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 04-08-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: HAND AUGER		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, brown.			
4						
6						
8	4401.02	1		0.0 PPM	0810	
10						
12						
14						
16						
18			CLAYEY SAND, med/fine, dk. brown. blockage.			
20	4401.03	2		0.0 PPM	0818	
22						
24						
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B126

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED : 04-08-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : HAND AUGER
H2O SAMPLER :

OPERATOR : COREY MCCORMACK
CONTRACTOR : TVS-PWS-007
NJDEP LIC.# : J1486 (MARK LAURA)

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, brown.			
4						
6						
8	4401.04	1		0.0 PPM	0821	
10						
12						
14						
16						
18			CLAYEY SAND, med/fine, dk. brown.			
20	4401.05	2		0.0 PPM	0823	
22			sheet metal.			
24						
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B127

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 04-08-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: HAND AUGER		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, brown.			
4						
6						
8	4401.06	1		0.0 PPM	0827	
10						
12						
14						
16						
18						
20	4401.07	2	CLAYEY SAND, med/fine, dk. brown.	0.0 PPM	0835	
22						
24						
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

10-06-1999 X:\MTECH5\M8\M8-B127.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B128

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 04-08-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: HAND AUGER		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, brown.			
4						
6						
8	4401.08	1		0.0 PPM	0841	
10						
12						
14						
16						
18						
20			CLAYEY SAND, med/fine, dk. brown.			
22						
24	4401.09	2		0.0 PPM	0844	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

10-06-1999 X:\MTECH5\M8\M8-B128.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B129

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED : 04-08-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : HAND AUGER
H2O SAMPLER :

OPERATOR : COREY MCCORMACK
CONTRACTOR : TVS-PWS-007
NJDEP LIC.# : J1486 (MARK LAURA)

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, brown. blockage.			
4						
6						
8	4401.10	1		0.0 PPM	0855	
10						
12						
14						
16	4401.11	2		0.0 PPM	0859	
18						
20						
22						
24						
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

10-06-1999 X:\MTECH5\M8\M8-B129.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B130

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 04-08-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: HAND AUGER		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, brown.			
4						
6						
8	4401.12	1		0.0 PPM	0907	
10						
12						
14						
16						
18						
20						
22			CLAYEY SAND, med/fine, dk. brown.			
24	4401.13	2		0.0 PPM	0910	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

10-06-1999 X:\MTECH5\M8\M8-B130.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B131

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 04-08-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: HAND AUGER		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, brown.			
4						
6						
8	4401.14	1		0.0 PPM	0917	
10						
12						
14						
16						
18						
20			CLAYEY SAND, med/fine, dk. brown.			
22						
24	4401.15	2		0.0 PPM	0924	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

10-07-1999 X:\MTECH5\M8\M8-B131.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B132

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 04-08-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, brown.			
4						
6						
8	4401.16	1		0.0 PPM	0931	
10						
12						
14						
16						
18			CLAYEY SAND, med/fine, dk. brown.			
20						
22						
24	4401.17	2		0.0 PPM	0937	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

10-07-1999 X:\MTECH5\M8\M8-B132.BOR

U.S.ARMY
FORT MONMOUTH
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LOG OF BORING M8-B133

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 04-08-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: HAND AUGER		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, brown.			
4						
6						
8	4401.18	1		0.0 PPM	0941	
10						
12						
14						
16						
18						
20						
22						
24	4401.19	2	CLAYEY SAND, med/fine, dk. brown.	0.0 PPM	0948	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

10-07-1999 X:\MTECH5\M8\M8-B133.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B134

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED : 04-08-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : HAND AUGER
H2O SAMPLER :

OPERATOR : COREY MCCORMACK
CONTRACTOR : TVS-PWS-007
NJDEP LIC.# : J1486 (MARK LAURA)

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, brown.			
4						
6						
8	4401.20	1		0.0 PPM	0957	
10						
12						
14						
16						
18						
20						
22						
24	4401.21	2		0.0 PPM	1003	
26						
28						
30			CLAYEY SAND, med/fine, dk. brown.			
32						
34						
36						
38						
40						
42						
44						
46						
48						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B135

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 04-08-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: HAND AUGER		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, brown.			
4						
6						
8	4401.22	1		0.0 PPM	1011	
10						
12						
14						
16						
18						
20						
22						
24	4401.23	2		0.0 PPM	1017	
26			CLAYEY SAND, med/fine, dk. brown.			
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B136

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 04-08-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: HAND AUGER		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, brown.			
4						
6						
8	4401.24	1		0.0 PPM	1024	
10						
12						
14			CLAYEY SAND, med/fine, dk. brown/black.			
16						
18						
20			grey/white goo. No odor.			
22						
24	4401.25	2	CLAYEY SAND, med/fine, black.	0.0 PPM	1030	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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U.S.ARMY
FORT MONMOUTH
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LOG OF BORING M8-B137

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 04-08-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: HAND AUGER		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, brown.			
4						
6						
8	4401.26	1		0.0 PPM	1039	
10						
12						
14						
16						
18			CLAYEY SAND, med/fine, dk. brown/black.			
20						
22						
24	4401.27	2		0.0 PPM	1043	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B138

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 04-08-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, brown.			
4						
6						
8	4401.28	1		0.0 PPM	1050	
10						
12			wood			
			cement			
14						
16						
18			asphalt shingles.			
20						
22						
24	4401.29	2	CLAYEY SAND, med/fine, black.	0.0 PPM	1056	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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LOG OF BORING M8-B139

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 04-08-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine,dk. brown.			
4						
6						
8	4401.30	1		0.0 PPM	1059	
10						
12						
14						
16						
18			CLAYEY SAND, med/fine, black.			
20						
22						
24	4401.31	2		0.0 PPM	1109	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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LOG OF BORING M8-B140

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 04-08-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine, dk. brown.			
4						
6						
8	4401.32	1		0.0 PPM	1117	
10						
12						
14						
16						
18						
20			CLAYEY SAND, med/fine, black.			
22						
24	4401.33	2		0.0 PPM	1127	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B141

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 04-08-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SAND, fine,dk. brown.			
4						
6						
8	4401.34	1		0.0 PPM	1134	
10						
12						
14						
16			carpet/shingles.			
18			clapboard			
20						
22						
24	4401.35	2	CLAYEY SAND, med/fine, black.	0.0 PPM	1140	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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U.S.ARMY
FORT MONMOUTH
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LOG OF BORING M8-B142

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 04-08-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SANDY CLAY, med/fine, dk. brown.			
4						
6						
8			cement			
10	4401.36	1		0.0 PPM	1142	
12						
14			wood			
16						
18			CLAYEY SAND, med/fine, black.			
20						
22						
24	4401.37	2		0.0 PPM	1145	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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LOG OF BORING M8-B143

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 04-08-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SANDY CLAY, med/fine, dk. brown.			
4						
6			wood/shingles			
8	4401.42	1		0.0 PPM	1150	
10						
12			SANDY CLAY, med/fine, black.			
14						
16						
18	4401.43	2		0.0 PPM	1153	
20						
22						
24						
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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FORT MONMOUTH
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LOG OF BORING M8-B144

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 04-08-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: HAND AUGER	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SILTY SAND, med/fine, black. Shingles and Wood			
4						
6						
8	4401.44	1		0.0 PPM	1151	
10						
12						
14						
16			Concrete. SILTY SAND, med/fine, black.			
18			SILTY SAND, med/fine, black.			
20						
22						
24	4401.45	2		0.0 PPM	1158	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B145

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 04-08-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SANDY CLAY, med/fine, brown.			
4						
6			SAND			
8			SANDY CLAY, med/fine, lt. brown.			
10	4401.46	1		0.0 PPM	1158	
12						
14						
16						
18						
20						
22						
24	4401.47	2		0.0 PPM	1200	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B146

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 04-09-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SANDY CLAY, med/fine, dk. brown.			
4						
6						
8	4405.02	1		0.0 PPM	0947	
10						
12						
14						
16						
18						
20						
22						
24	4405.03	2	SANDY CLAY, med/fine, brown.	0.0 PPM	0953	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

10-07-1999 X:\MTECH5\M8\M8-B146.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B147

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 04-09-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SANDY CLAY, med/fine, brown.			
4						
6						
8	4405.04	1		0.0 PPM	1000	
10						
12						
14						
16						
18						
20			SANDY CLAY, med/fine, dk. brown.			
22						
24	4405.05	2		0.0 PPM	1007	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

10-07-1999 X:\MTECH5\M8\M8-B147.BOR

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U.S.ARMY
FORT MONMOUTH
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LOG OF BORING M8-B148

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 04-09-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SANDY CLAY, med/fine, lt. brown.			
4						
6						
8	4405.06	1		0.0 PPM	1011	
10						
12						
14						
16						
18			SANDY CLAY, med/fine, brown.			
20						
22						
24	4405.07	2		0.0 PPM	1017	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

10-07-1999 X:\MTECH5\M8\M8-B148.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B149

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 04-09-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SANDY CLAY, med/fine, lt. brown.			
4						
6						
8	4405.08	1		0.0 PPM	1021	
10						
12						
14						
16						
18						
20			SANDY CLAY, med/fine, brown.			
22						
24	4405.09	2		0.0 PPM	1026	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B150

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 04-09-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: "MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SANDY CLAY, med/fine, lt. brown.			
4						
6						
8	4405.10	1		0.0 PPM	1030	
10						
12						
14						
16			SANDY CLAY, med/fine, brown.			
18						
20						
22						
24	4405.11	2		0.0 PPM	1034	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B151

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 04-09-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SANDY CLAY, med/fine, lt. brown.			
4						
6						
8	4405.12	1		0.0 PPM	1042	
10						
12						
14						
16						
18						
20			CLAYEY SILT, med/fine, brown.			
22						
24	4405.13	2		0.0 PPM	1047	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B152

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 04-09-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			CLAYEY SILT, med/fine, lt. brown.			
4						
6						
8	4405.14	1		0.0 PPM	1054	
10						
12						
14						
16						
18						
20						
22			CLAYEY SILT, med/fine, brown.			
24	4405.15	2		0.0 PPM	1057	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B153

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 04-09-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			CLAYEY SILT, med/fine, lt. brown.			
4						
6						
8	4405.16	1		0.0 PPM	1107	
10						
12						
14						
16						
18						
20						
22			CLAYEY SILT, med/fine, brown.			
24	4405.17	2		0.0 PPM	1110	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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FORT MONMOUTH
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LOG OF BORING M8-B154

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 04-09-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			CLAYEY SILT, med/fine, lt. brown.			
4						
6						
8	4405.18	1		0.0 PPM	1115	
10						
12						
14						
16						
18						
20						
22						
24	4405.19	2		0.0 PPM	1121	
26			CLAYEY SILT, med/fine, brown.			
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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000263

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B155

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED : 04-09-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER :

OPERATOR : COREY MCCORMACK
CONTRACTOR : TVS-PWS-007
NJDEP LIC.# : J1486 (MARK LAURA)

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			CLAYEY SILT, med/fine, lt. brown.			
4						
6						
8	4405.20	1		0.0 PPM	1127	
10						
12						
14						
16						
18						
20			CLAYEY SILT, med/fine, brown.			
22						
24	4405.21	2		0.0 PPM	1134	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B156

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 04-09-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			CLAYEY SILT, med/fine, lt. brown.			
4						
6						
8	4405.22	1		0.0 PPM	1137	
10						
12						
14						
16						
18						
20			CLAYEY SILT, med/fine, brown.			
22						
24	4405.23	2		0.0 PPM	1142	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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FORT MONMOUTH
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LOG OF BORING M8-B157

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 04-09-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			CLAYEY SILT, med/fine, lt. brown.			
4						
6						
8	4405.24	1		0.0 PPM	1145	
10						
12						
14						
16						
18						
20			CLAYEY SILT, med/fine, brown.			
22						
24	4405.25	2		0.0 PPM	1150	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B158

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 04-13-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			CLAYEY SILT, med/fine, brown.			
4						
6						
8	4413.02	1		0.0 PPM	0843	
10						
12						
14						
16						
18						
20			SILTY SAND, med/fine, brown.			
22						
24	4413.03	2		0.0 PPM	0843	
26						
28						
30						
32						
34						
36						
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40						
42						
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LOG OF BORING M8-B159

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 04-13-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SILTY SAND, med/fine, brown.			
4						
6						
8	4413.04	1		0.0 PPM	0857	
10						
12						
14						
16						
18			SILTY SAND, med/fine, dk. brown.			
20						
22						
24	4413.05	2		0.0 PPM	0857	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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FORT MONMOUTH
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LOG OF BORING M8-B160

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 04-13-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SILTY SAND, med/fine, dk. brown.			
4						
6						
8			CLAYEY SAND, med/fine, dk. brown. blockage.			
10	4413.06	1		0.0 PPM	0923	
12						
14						
16	4413.07	2		0.0 PPM	0923	
18						
20						
22						
24						
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B161

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 04-13-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SILTY SAND, med/fine, dk. brown.			
4						
6						
8	4413.08	1		0.0 PPM	0937	
10			CLAYEY SAND, med/fine, dk. brown. blockage.			
12						
14						
16						
18	4413.09	2		0.0 PPM	0937	
20						
22						
24						
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B162

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 04-13-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SILTY SAND, med/fine, dk. brown.			
4						
6						
8	4413.10	1		0.0 PPM	0955	
10			CLAYEY SAND, med/fine, dk. brown/black. blockage.			
12						
14						
16	4413.11	2		0.0 PPM	0955	
18						
20						
22						
24						
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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FORT MONMOUTH
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LOG OF BORING M8-B163

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 04-13-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SILTY SAND, med/fine, dk. brown.			
4						
6						
8	4413.12	1		0.0 PPM	1005	
10						
12						
14						
16						
18			CLAYEY SAND, med/fine, dk. brown/black.			
20						
22						
24	4413.13	2	garbage bags (misc)	0.0 PPM	1005	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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LOG OF BORING M8-B164

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED : 04-13-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER :

OPERATOR : COREY MCCORMACK
CONTRACTOR : TVS-PWS-007
NJDEP LIC.# : J1486 (MARK LAURA)

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SILTY SAND, med/fine, black.			
4						
6			garbage bags (misc)			
8	4413.14	1		0.0 PPM	1023	
10						
12			CLAYEY SAND, med/fine, black. moist.			
14						
16						
18						
20	4413.15	2		0.0 PPM	1023	
22						
24						
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B165

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 04-13-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SILTY SAND, med/fine, black.			
4						
6						
8	4413.16	1		0.0 PPM	1030	
10						
12			CLAYEY SAND, med/fine, black. moist.			
14						
16						
18						
20						
22						
24	4413.17	2	garbage bags (misc)	0.0 PPM	1030	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B166

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 04-13-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SILTY SAND, med/fine, black.			
4						
6						
8	4413.18	1		0.0 PPM	1100	
10						
12						
14			CLAYEY SAND, med/fine, black. moist. blockage.			
16						
18						
20	4413.19	2		0.0 PPM	1100	
22						
24						
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B167

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED : 04-13-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER :

OPERATOR : COREY MCCORMACK
CONTRACTOR : TVS-PWS-007
NJDEP LIC.# : J1486 (MARK LAURA)

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SILTY SAND, med/fine, black.			
4						
6						
8	4413.20	1		0.0 PPM	1121	
10						
12						
14						
16			CLAYEY SAND, med/fine, black. moist.			
18						
20						
22						
24	4413.21	2		0.0 PPM	1121	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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FORT MONMOUTH
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LOG OF BORING M8-B168

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED : 04-13-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER :

OPERATOR : COREY MCCORMACK
CONTRACTOR : TVS-PWS-007
NJDEP LIC.# : J1486 (MARK LAURA)

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SILTY SAND, med/fine, black.			
4						
6						
8	4413.22	1		0.0 PPM	1137	
10						
12						
14			CLAYEY SAND, med/fine, black.			
16						
18						
20						
22						
24	4413.23	2		0.0 PPM	1137	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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LOG OF BORING M8-B169

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED : 04-13-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER :

OPERATOR : COREY MCCORMACK
CONTRACTOR : TVS-PWS-007
NJDEP LIC.# : J1486 (MARK LAURA)

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SILTY SAND, med/fine, black.			
4						
6						
8	4413.24	1		0.0 PPM	1321	
10						
12						
14						
16						
18			CLAYEY SAND, med/fine, black.			
20						
22						
24	4413.25	2		0.0 PPM	1321	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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LOG OF BORING M8-B170

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 04-13-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SILTY SAND, med/fine, black.			
4						
6						
8	4413.26	1		0.0 PPM	1327	
10						
12						
14						
16						
18						
20			CLAYEY SAND, med/fine, black.			
22						
24	4413.27	2		0.0 PPM	1327	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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LOG OF BORING M8-B171

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 05-07-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SILTY SAND, med/fine, dk. brown.			
4						
6						
8	4469.02	1		0.0 PPM	0910	
10						
12						
14						
16						
18						
20			SILTY SAND, med/fine, dk. brown.			
22						
24	4469.03	2		0.0 PPM	0917	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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LOG OF BORING M8-B172

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 05-07-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SILTY SAND, med/fine, brown.			
4						
6						
8	4469.04	1		0.0 PPM	0925	
10						
12						
14						
16						
18			SILTY SAND, med/fine, dk. brown.			
20						
22						
24	4469.05	2		0.0 PPM	0933	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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LOG OF BORING M8-B173

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 05-07-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SILTY SAND, med/fine, brown.			
4						
6						
8	4469.06	1		0.0 PPM	1000	
10						
12						
14						
16						
18			SILTY SAND, med/fine, dk. brown.			
20						
22						
24	4469.07	2		0.0 PPM	1019	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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LOG OF BORING M8-B174

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 05-07-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SILTY SAND, med/fine, brown.			
4						
6						
8	4469.08	1		0.0 PPM	1251	
10						
12						
14						
16						
18						
20			SILTY SAND, med/fine, brown.			
22						
24	4469.09	2		0.0 PPM	1258	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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U.S.ARMY
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SELFM-PW-EV

LOG OF BORING M8-B175

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 05-07-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SILTY SAND, med/fine, brown.			
4						
6						
8	4469.10	1		0.0 PPM	1315	
10						
12						
14						
16			CLAYEY SAND, med/fine, brown.			
18						
20						
22						
24	4469.11	2		0.0 PPM	1322	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 05-10-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SILTY SAND, med/fine, lt. brown.			
4						
6						
8	4473.02	1		0.0 PPM	1341	
10			cement.			
12						
14			CLAYEY SAND, med/fine, brown.			
16						
18						
20						
22						
24	4473.03	2		0.0 PPM	1347	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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LOG OF BORING M8-B177

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED : 05-10-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER :

OPERATOR : COREY MCCORMACK
CONTRACTOR : TVS-PWS-007
NJDEP LIC.# : J1486 (MARK LAURA)

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SILTY SAND, med/fine, lt. brown.			
4			cement.			
6						
8			CLAYEY SAND, med/fine, brown.			
	4473.04	1		0.0 PPM	1400	
10						
12						
14						
16						
18			wood fragments. CLAYEY SAND, med/fine, brown.			
20						
22						
24	4473.05	2		0.0 PPM	1405	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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LOG OF BORING M8-B178

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 05-10-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF			
2			SILTY SAND, med/fine, lt. brown.			
4						
6			red brick/green tile.			
8	4473.06	1		0.0 PPM	1411	
10			CLAYEY SAND, med/fine, dk. brown/black.			
12						
14			asphalt.			
16			CLAYEY SAND, med/fine, black.			
18						
20			cement			
22						
24	4473.07	2		0.0 PPM	1417	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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LOG OF BORING M8-B179

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED : 05-10-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER :

OPERATOR : COREY MCCORMACK
CONTRACTOR : TVS-PWS-007
NJDEP LIC.# : J1486 (MARK LAURA)

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF, cement.			
2			SANDY SILT, med/fine, lt. brown/white.			
4						
6			cement.			
8	4473.08	1	SANDY SILT, med/fine, brown/white.	0.0 PPM	1423	
10						
12						
14						
16			cement.			
18			SANDY SILT, med/fine, brown.			
20						
22			cement.			
24	4473.09	2	SANDY SILT, med/fine, brown.	0.0 PPM	1427	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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LOG OF BORING M8-B180

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 05-10-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0						
2			TURF.			
4			SANDY SILT, med/fine, lt. brown/white.			
6						
8			cement			
10	4473.10	1		0.0 PPM	1439	
12			SANDY SILT, med/fine, brown.			
14						
16						
18			cement			
20						
22						
24	4473.11	2	SANDY SILT, med/fine, dk. brown.	0.0 PPM	1446	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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LOG OF BORING M8-B181

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 05-10-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF.			
2			SANDY SILT, med/fine, lt. brown/white.			
4						
6			cement.			
8	4473.14	1	SANDY SILT, med/fine, brown.	0.0 PPM	1507	
10						
12						
14						
16			cement.			
18			SANDY SILT, med/fine, dk. brown.			
20						
22			cement.			
24	4473.15	2	CLAYEY SILT, med/fine, dk. brown.	0.0 PPM	1513	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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LOG OF BORING M8-B182

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 05-10-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF.			
2			SANDY SILT, med/fine, dk. brown.			
4						
6						
8	4473.16	1		0.0 PPM	1521	
10						
12						
14						
16						
18			SANDY SILT, med/fine,dk. brown/black.			
20						
22						
24	4473.17	2		0.0 PPM	1527	
26			red brick/plastic.			
28			SANDY CLAY, med/fine, dk. brown/black.			
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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LOG OF BORING M8-B183

U.S. ARMY
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SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 05-10-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF.			
2			SANDY SILT, med/fine, dk. brown.			
4						
6			SANDY SILT, med/fine,dk. brown/black.			
8	4473.18	1		0.0 PPM	1535	
10			cement, fragmented.			
12						
14						
16						
18						
20			SANDY CLAY, med/fine, dk. brown/black.			
22						
24	4473.19	2		0.0 PPM	1539	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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LOG OF BORING M8-B184

U.S. ARMY
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JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 05-10-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF.			
2			SANDY SILT, med/fine, dk. brown.			
4						
6			SANDY SILT, med/fine,dk. brown/black.			
8	4473.20	1		0.0 PPM	1547	
10						
12			cement, fragmented.			
14						
16						
18						
20			SANDY CLAY, med/fine, dk. brown/black.			
22						
24	4473.21	2		0.0 PPM	1553	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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LOG OF BORING M8-B185

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 05-11-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF.			
2			SANDY SILT, med/fine, dk. brown.			
4			SANDY SILT, med/fine,dk. brown/black.			
6						
8	4474.02	1		0.0 PPM	0930	
10			SANDY CLAY, med/fine, black.			
12						
14						
16						
18						
20						
22						
24	4474.03	2		0.0 PPM	0937	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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LOG OF BORING M8-B186

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED : 05-11-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER :

OPERATOR : COREY MCCORMACK
CONTRACTOR : TVS-PWS-007
NJDEP LIC.# : J1486 (MARK LAURA)

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF.			
2			SAND, yellowish/orange, with well-rounded pea gravel.			
4						
6						
8	4474.04	1		0.0 PPM	0944	
10						
12						
14						
16						
18						
20						
22						
24	4474.05	2		0.0 PPM	0948	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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LOG OF BORING M8-B187

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 05-11-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF.			
2			SAND, yellowish/orange, with well-rounded pea gravel.			
4						
6						
8	4474.06	1		0.0 PPM	0956	
10						
12						
14						
16						
18						
20						
22						
24	4474.07	2		0.0 PPM	0959	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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LOG OF BORING M8-B188

U.S. ARMY
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SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 05-11-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF.			
2			SANDY CLAY, dk. brown.			
4						
6						
8	4474.08	1		0.0 PPM	1007	
10						
12						
14						
16						
18						
20						
22						
24	4474.09	2	wood	0.0 PPM	1017	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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LOG OF BORING M8-B189

U.S. ARMY
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SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 05-11-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF.			
2			SAND, yellowish/orange, with well-rounded pea gravel.			
4						
6						
8	4474.10	1		0.0 PPM	1027	
10						
12						
14						
16						
18						
20						
22			SANDY CLAY, dk. brown.			
24	4474.11	2		0.0 PPM	1032	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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LOG OF BORING M8-B190

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 05-11-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF.			
2			SANDY SILT, brown.			
6			Leaf Litter.			
8	4474.14	1		0.0 PPM	1304	
14			SANDY CLAY, dk. brown.			
24	4474.15	2		0.0 PPM	1310	

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LOG OF BORING M8-B191

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SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 05-11-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF.			
2			SANDY SILT, brown. large angulars.			
4						
6						
8	4474.16	1		0.0 PPM	1317	
10						
12			Leaf Litter.			
14			SANDY CLAY, dk. brown.			
16						
18						
20						
22						
24	4474.17	2		0.0 PPM	1321	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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LOG OF BORING M8-B192

U.S. ARMY
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JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED : 05-11-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER :

OPERATOR : COREY MCCORMACK
CONTRACTOR : TVS-PWS-007
NJDEP LIC.# : J1486 (MARK LAURA)

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF.			
2			SAND, yellowish/orange, with large sub-rounded pea gravel.			
4						
6						
8	4474.18	1		0.0 PPM	1327	
10						
12						
14						
16						
18						
20						
22						
24	4474.19	2		0.0 PPM	1334	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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LOG OF BORING M8-B193

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED : 05-11-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER :

OPERATOR : COREY MCCORMACK
CONTRACTOR : TVS-PWS-007
NJDEP LIC.# : J1486 (MARK LAURA)

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF.			
2			SAND, yellowish/orange, with large sub-rounded pea gravel.			
4						
6						
8	4474.20	1		0.0 PPM	1343	
10						
12						
14						
16						
18						
20						
22						
24	4474.21	2		0.0 PPM	1349	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

10-06-1999 X:\MTECH5\M8\M8-B193.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B194

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 05-11-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF.			
2			SAND, yellowish/orange, with large sub-rounded pea gravel.			
4						
6						
8	4474.22	1		0.0 PPM	1358	
10						
12						
14						
16						
18						
20						
22						
24	4474.23	2		0.0 PPM	1409	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

10-06-1999 X:\MTECH5\M8\M8-B194.BOR

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LOG OF BORING M8-B195

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 05-11-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF.			
2			SAND, yellowish/orange, with large sub-rounded pea gravel.			
4						
6			SAND, Poorly Graded, large sub-angular, yellowish/orange.			
8	4474.24	1		0.0 PPM	1424	
10						
12						
14						
16			SAND, yellowish/orange.			
18						
20						
22						
24	4474.25	2		0.0 PPM	1430	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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LOG OF BORING M8-B196

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED : 05-13-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER :

OPERATOR : COREY MCCORMACK
CONTRACTOR : TVS-PWS-007
NJDEP LIC.# : J1486 (MARK LAURA)

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			TURF.			
2			SANDY CLAY, dk. brown.			
4						
6						
8	4481.02	1		0.0 PPM	0926	
10						
12						
14						
16			red brick			
18						
20			cement			
22						
24	4481.03	2		0.0 PPM	0932	Sampled at 17"
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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LOG OF BORING M8-B197

U.S. ARMY
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SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 05-13-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			SANDY SILT, large angulars. dk. brown.			
2						
4						
6						
8	4481.04	1		0.0 PPM	0937	
10						
12			SANDY SILT, dk. brown.			
14						
16			asphalt			
18			SANDY CLAY, med/fine, grey/black.			
20						
22			SANDY CLAY, med/fine, black.			
24	4481.05	2		0.0 PPM	0943	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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LOG OF BORING M8-B198

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED : 05-13-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER :

OPERATOR : COREY MCCORMACK
CONTRACTOR : TVS-PWS-007
NJDEP LIC.# : J1486 (MARK LAURA)

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			Turf.			
2						
4			SANDY SILT, lt. brown.			
6			SANDY CLAY, orange.			
8	4481.06	1		0.0 PPM	1005	
10						
12						
14						
16						
18						
20						
22						
24	4481.07	2		0.0 PPM	1011	
26						
28						
30						
32						
34						
36			asphalt			
38						
40						
42						
44						
46						
48						

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LOG OF BORING M8-B199

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 05-13-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			Turf.			
2			SILTY SAND, med/fine, dk. brown.			
4						
6						
8	4481.08	1		0.0 PPM	1019	
10			wood			
12			SILTY CLAY, med/fine, dk. brown.			
14						
16						
18						
20						
22						
24	4481.09	2		0.0 PPM	1024	
26			cement			
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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LOG OF BORING M8-B200

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED : 05-13-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER :

OPERATOR : COREY MCCORMACK
CONTRACTOR : TVS-PWS-007
NJDEP LIC.# : J1486 (MARK LAURA)

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			Turf.			
2			SILTY SAND, med/fine, dk. brown.			
4						
6						
8	4481.10	1		0.0 PPM	1034	
10			wood.			
12						
14			SILTY SAND, med/fine, dk. brown.			
16			CLAYEY SAND, med/fine, dk. brown. large angulars.			
18			cement.			
20						
22						
24	4481.11	2		0.0 PPM	1038	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B201

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 05-13-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			Turf.			
2			SILTY SAND, med/fine, dk. brown.			
4						
6						
8	4481.14	1		0.0 PPM	1334	
10			wood.			
12			SILTY SAND, med/fine, dk. brown.			
14						
16						
18						
20			wood			
22			SILTY SAND, med/fine dk. brown.			
24	4481.15	2		0.0 PPM	1339	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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LOG OF BORING M8-B202

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 05-13-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			Turf. lt. brown.			
4			SILTY SAND, med/fine, dk. brown. large sub-rounded.			
8	4481.16	1		0.0 PPM	1345	
22						
24	4481.17	2	asphalt	0.0 PPM	1352	
48						

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LOG OF BORING M8-B203

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 05-13-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			Turf.			
2						
4			SILTY CLAY, med/fine, brown.			
6						
8	4481.18	1		0.0 PPM	1410	
10						
12			SILTY CLAY, med/fine, dk. brown			
14						
16						
18						
20						
22						
24	4481.19	2		0.0 PPM	1417	
26			CLAYEY SILT, med/fine, brown.			
28						
30						
32						
34						
36						
38						
40						
42						
44						
46			CLAYEY SILT, med/fine, black.			
48						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B204

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 05-13-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			Turf.			
2			SILTY CLAY, med/fine, brown.			
4						
6						
8	4481.20	1		0.0 PPM	1421	
10						
12						
14						
16	4481.21	2		0.0 PPM	1427	
18			cement.			
20						
22						
24						
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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LOG OF BORING M8-B205

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 05-13-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			Turf.			
2			SANDY SILT, med/fine, lt. brown.			
4						
6			SANDY SILT, med/fine, dk. brown.			
8	4481.22	1		0.0 PPM	1433	
10						
12						
14						
16						
18			SANDY CLAY, med/fine, black.			
20			wood			
22			plastic			
24	4481.23	2	SANDY CLAY, med/fine, black.	0.0 PPM	1439	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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LOG OF BORING M8-B206

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED : 05-13-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER :

OPERATOR : COREY MCCORMACK
CONTRACTOR : TVS-PWS-007
NJDEP LIC.# : J1486 (MARK LAURA)

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			Turf.			
2			SANDY SILT, med/fine, lt. brown.			
4						
6			SANDY SILT, med/fine, rusty orange.			
8	4481.24	1		0.0 PPM	1445	
10						
12			SANDY CLAY, med/fine, orange/ dk.brown.			
14						
16						
18						
20			SANDY CLAY, med/fine, black.			
22						
24	4481.25	2		0.0 PPM	1449	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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LOG OF BORING M8-B207

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 05-13-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			Turf.			
4			SANDY CLAY, med/fine, dk.brown.			
8	4481.26	1		0.0 PPM	1457	
20			SANDY CLAY, med/fine, black.			
24	4481.27	2		0.0 PPM	1509	

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LOG OF BORING M8-B208

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED : 05-14-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER :

OPERATOR : COREY MCCORMACK
CONTRACTOR : TVS-PWS-007
NJDEP LIC.# : J1486 (MARK LAURA)

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			Turf.			
2			SANDY CLAY, med/fine, green/black. large angulars, and rounds.			
4						
6						
8	4484.02	1		0.0 PPM	0941	
10						
12						
14						
16						
18						
20						
22						
24	4484.03	2		0.0 PPM	0947	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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U.S.ARMY
FORT MONMOUTH
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LOG OF BORING M8-B209

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 05-14-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			Turf.			
2			SANDY CLAY, med/fine, large sub-rounded, brown.			
4						
6						
8	4484.04	1		0.0 PPM	0952	
10						
12			SANDY CLAY, med/fine, orange.			
14						
16						
18						
20			SANDY CLAY, med/fine, brown			
22						
24	4484.05	2		0.0 PPM	0958	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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LOG OF BORING M8-B210

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 05-14-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			Turf.			
2			SANDY CLAY, med/fine, orange/ brown. small rounds.			
4						
6						
8	4484.06	1		0.0 PPM	1004	
10						
12						
14						
16						
18						
20						
22						
24	4484.07	2		0.0 PPM	1011	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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LOG OF BORING M8-B211

U.S. ARMY
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SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 05-14-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			Turf.			
2			SANDY CLAY, med/fine, brown.			
4						
6						
8	4484.08	1		0.0 PPM	1017	
10						
12						
14						
16						
18						
20						
22						
24	4484.09	2		0.0 PPM	1023	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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LOG OF BORING M8-B212

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 05-14-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			Turf.			
2			SANDY CLAY, med/fine, orange. Small rounds.			
4						
6						
8	4484.10	1		0.0 PPM	1030	
10						
12						
14						
16						
18			SANDY CLAY, fine, brown.			
20						
22						
24	4484.11	2		0.0 PPM	1039	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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LOG OF BORING M8-B213

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED : 05-17-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER :

OPERATOR : COREY MCCORMACK
CONTRACTOR : TVS-PWS-007
NJDEP LIC.# : J1486 (MARK LAURA)

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			Turf.			
2			SANDY SILT, fine, dk. brown.			
4						
6						
8	4490.02	1		0.0 PPM	1030	
10						
12						
14						
16						
18						
20						
22						
24	4490.03	2		0.0 PPM	1034	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B214

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 05-17-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			Turf.			
2			SANDY SILT, fine, dk. brown.			
4						
6						
8	4490.04	1		0.0 PPM	1037	
10			SANDY SILT, med/fine, dk. brown.			
12						
14						
16						
18	4490.05	2		0.0 PPM	1042	
20			wood/clapboard			
22						
24						
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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LOG OF BORING M8-B215

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 05-17-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			Turf.			
2			SANDY SILT, fine, brown. large, angulars and rounds.			
4						
6						
8	4490.06	1		0.0 PPM	1047	
10						
12						
14						
16						
18						
20						
22						
24	4490.07	2		0.0 PPM	1053	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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LOG OF BORING M8-B216

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 05-17-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			Turf.			
2			SANDY SILT, fine, brown. large, angulars and rounds.			
4						
6						
8	4490.08	1		0.0 PPM	1059	
10						
12						
14						
16						
18						
20						
22						
24	4490.09	2		0.0 PPM	1102	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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LOG OF BORING M8-B217

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 05-17-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			Turf.			
2			SANDY SILT, med/fine, dk. brown.			
4						
6						
8	4490.10	1	SANDY SILT, med/fine, dk. brown. Wood fragments.	0.0 PPM	1113	
10						
12			SANDY SILT, med/fine, dk. brown.			
14						
16						
18						
20			SANDY SILT, med/fine, black. Wood and red brick.			
22						
24	4490.11	2		0.0 PPM	1117	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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LOG OF BORING M8-B218

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 05-17-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			Turf.			
2			SANDY SILT, fine, lt. brown.			
4						
6						
8	4490.14	1	SANDY SILT, med/fine, dk. brown. large angulars.	0.0 PPM	1307	
10						
12						
14			Asphalt.			
16						
18			SANDY SILT, med/fine,dk. brown/black.			
20						
22						
24	4490.15	2	SANDY SILT, med/fine, black.	0.0 PPM	1310	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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LOG OF BORING M8-B219

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 05-17-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			Turf.			
2			SANDY SILT, fine, lt. brown.			
4						
6						
8	4490.16	1		0.0 PPM	1319	
10						
12						
14			SANDY SILT, med/fine, black. Asphalt and angulars.			
16						
18						
20			SANDY SILT, med/fine, black. cement and asphalt.			
22						
24	4490.17	2		0.0 PPM	1324	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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LOG OF BORING M8-B220

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED : 05-17-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER :

OPERATOR : COREY MCCORMACK
CONTRACTOR : TVS-PWS-007
NJDEP LIC.# : J1486 (MARK LAURA)

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			Turf.			
2			SANDY SILT, fine, lt. brown.			
4						
6						
8	4490.18	1		0.0 PPM	1331	
10						
12						
14			SANDY SILT, med/fine, black. wood fragments, large angulars.			
16						
18			SANDY SILT, med/fine, black.			
20						
22						
24	4490.19	2	wood and red brick.	0.0 PPM	1336	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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LOG OF BORING M8-B221

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 05-17-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			Turf.			
2			SANDY SILT, fine, lt. brown.			
4						
6						
8	4490.20	1		0.0 PPM	1343	
10						
12						
14						
16						
18			SANDY SILT, fine, brown.			
20						
22						
24	4490.21	2		0.0 PPM	1347	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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LOG OF BORING M8-B222

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 05-17-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			Turf.			
2			SAND, fine, dk. brown.			
4						
6						
8	4490.22	1		0.0 PPM	1354	
10						
12						
14						
16			SAND, fine, orange.			
18						
20			SAND, fine, dk. brown.			
22						
24	4490.23	2		0.0 PPM	1359	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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LOG OF BORING M8-B223

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 05-17-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			Turf.			
2			SAND, fine, dk. brown.			
4						
6						
8	4490.24	1		0.0 PPM	1403	
10						
12			SAND, fine, black. large well-rounded.			
14						
16						
18			SAND, fine, black/brown. wood and cement.			
20						
22						
24	4490.25	2		0.0 PPM	1411	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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LOG OF BORING M8-B224

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 05-17-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			Turf.			
2			SAND, fine, dk. brown. Large rounds.			
4						
6						
8	4490.26	1		0.0 PPM	1417	
10						
12						
14						
16						
18						
20						
22						
24	4490.27	2		0.0 PPM	1422	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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LOG OF BORING M8-B225

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 06-03-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: HAND AUGER		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			Turf.			
2			SANDY SILT, med/fine, brown.			
4						
6						
8	4533.02	1		0.0 PPM	0920	
10						
12						
14			SANDY SILT, med/fine, dk. brown.			
16						
18						
20						
22			SANDY CLAY, med/fine, dk. brown.			
24	4533.03	2		0.0 PPM	0924	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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LOG OF BORING M8-B226

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 06-03-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: HAND AUGER		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			Turf.			
2			SANDY SILT, med/fine, brown.			
4						
6						
8	4533.04	1		0.0 PPM	0931	
10						
12						
14						
16			SANDY SILT, med/fine, dk. brown.			
18						
20			SANDY CLAY, med/fine, dk. brown.			
22						
24	4533.05	2		0.0 PPM	0935	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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U.S.ARMY
FORT MONMOUTH
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LOG OF BORING M8-B227

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 06-03-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: HAND AUGER		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			Turf.			
2			SANDY SILT, med/fine, brown.			
4						
6						
8	4533.06	1		0.0 PPM	0934	
10						
12						
14			SANDY SILT, med/fine, dk. brown.			
16						
18						
20						
22			SANDY CLAY, med/fine, dk. brown.			
24	4533.07	2		0.0 PPM	0937	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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LOG OF BORING M8-B228

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 06-03-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: HAND AUGER		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			Turf.			
2			SANDY SILT, med/fine, brown.			
4						
6						
8	4533.08	1		0.0 PPM	0946	
10						
12			SANDY CLAY, , med/fine, dk. brown.			
14						
16						
18						
20						
22			SANDY CLAY, med/fine, dk. brown/black.			
24	4533.09	2		0.0 PPM	0948	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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LOG OF BORING M8-B229

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 06-03-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: HAND AUGER		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			Turf.			
2			SANDY SILT, med/fine, brown.			
4						
6						
8	4533.10	1		0.0 PPM	0954	
10			SANDY CLAY, med/fine, dk. brown.			
12						
14						
16						
18			SANDY CLAY, med/fine, dk. brown/black.			
20						
22						
24	4533.11	2		0.0 PPM	0959	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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LOG OF BORING M8-B230

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 06-03-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			Turf.			
2			SANDY SILT, med/fine, brown.			
4						
6						
8	4533.14	1		0.0 PPM	1009	
10						
12						
14			SANDY CLAY, med/fine, dk. brown/black.			
16						
18						
20						
22			SANDY CLAY, med/fine, black.			
24	4533.15	2		0.0 PPM	1013	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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LOG OF BORING M8-B231

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED : 06-03-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : HAND AUGER
H2O SAMPLER :

OPERATOR : COREY MCCORMACK
CONTRACTOR : TVS-PWS-007
NJDEP LIC.# : J1486 (MARK LAURA)

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			Turf.			
2			SANDY SILT, med/fine, brown.			
4						
6						
8	4533.16	1		0.0 PPM	1019	
10						
12			SANDY CLAY, med/fine, dk. brown/black.			
14						
16						
18						
20			SANDY CLAY, med/fine, black.			
22						
24	4533.17	2		0.0 PPM	1024	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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LOG OF BORING M8-B232

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED : 06-03-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : HAND AUGER
H2O SAMPLER :

OPERATOR : COREY MCCORMACK
CONTRACTOR : TVS-PWS-007
NJDEP LIC.# : J1486 (MARK LAURA)

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			Turf.			
2			SANDY SILT, med/fine, brown.			
4						
6						
8	4533.18	1		0.0 PPM	1029	
10						
12						
14						
16			SANDY CLAY, med/fine, dk. brown/black.			
18						
20						
22			SANDY CLAY, med/fine, black.			
24	4533.19	2		0.0 PPM	1035	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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SELFM-PW-EV

LOG OF BORING M8-B233

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 06-03-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: HAND AUGER		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			Turf.			
2			SANDY SILT, med/fine, brown.			
4						
6						
8	4533.20	1		0.0 PPM	1037	
10						
12						
14						
16			SANDY CLAY, med/fine, dk. brown/black.			
18						
20						
22			SANDY CLAY, med/fine, black.			
24	4533.21	2		0.0 PPM	1041	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

10-07-1999 X:\MTECH5\M8\M8-B233.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B234

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED : 06-03-99
HOLE DIAMETER : 2"
DRILLING METHOD : HAND AUGER
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER :

OPERATOR : COREY MCCORMACK
CONTRACTOR : TVS-PWS-007
NJDEP LIC.# : J1486 (MARK LAURA)

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			Turf.			
2			SANDY SILT, med/fine, brown.			
4						
6						
8	4533.22	1		0.0 PPM	1046	
10						
12			SANDY SILT, med/fine, dk. brown.			
14						
16						
18			SANDY CLAY, med/fine, dk. brown.			
20						
22						
24	4533.23	2		0.0 PPM	1050	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B235

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 06-03-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: HAND AUGER		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			Turf.			
2			SANDY SILT, med/fine, brown.			
4						
6						
8	4533.24	1		0.0 PPM	1053	
10						
12						
14			SANDY SILT, med/fine, dk. brown.			
16						
18						
20			SANDY CLAY, med/fine, dk. brown.			
22						
24	4533.25	2		0.0 PPM	1057	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

10-07-1999 X:\MTECH5\M8\M8-B235.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B236

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED : 06-03-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : HAND AUGER
H2O SAMPLER :

OPERATOR : COREY MCCORMACK
CONTRACTOR : TVS-PWS-007
NJDEP LIC.# : J1486 (MARK LAURA)

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			Turf.			
2			SANDY SILT, med/fine, brown.			
4						
6						
8	4533.26	1		0.0 PPM	1109	
10						
12						
14						
16			SANDY SILT, med/fine, dk. brown.			
18						
20						
22						
24	4533.27	2	SANDY CLAY, med/fine, dk. brown.	0.0 PPM	1114	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

10-07-1999 X:\MTECH5\M8\M8-B236.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B237

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED : 06-03-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : HAND AUGER
H2O SAMPLER :

OPERATOR : COREY MCCORMACK
CONTRACTOR : TVS-PWS-007
NJDEP LIC.# : J1486 (MARK LAURA)

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			Turf.			
2			SANDY SILT, med/fine, lt.brown.			
4						
6						
8	4533.28	1		0.0 PPM	1117	
10						
12						
14						
16						
18						
20			SANDY SILT, med/fine, brown.			
22			SANDY CLAY, med/fine, dk. brown.			
24	4533.29	2		0.0 PPM	1124	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

10-07-1999 X:\MTECH5\M8\M8-B237.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B238

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED : 06-03-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : HAND AUGER
H2O SAMPLER :

OPERATOR : COREY MCCORMACK
CONTRACTOR : TVS-PWS-007
NJDEP LIC.# : J1486 (MARK LAURA)

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			Turf.			
2			SANDY SILT, med/fine, lt.brown.			
4						
6						
8	4533.30	1		0.0 PPM	1131	
10						
12						
14			SANDY SILT, med/fine, brown.			
16						
18						
20			SANDY CLAY, med/fine, dk. brown.			
22						
24	4533.31	2		0.0 PPM	1139	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

10-07-1999 X:\MTECH5\M8\M8-B238.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B239

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED	: 06-03-99	OPERATOR	: COREY MCCORMACK
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486 (MARK LAURA)
SAMPLING METHOD	: HAND AUGER		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			Turf.			
2			SANDY SILT, med/fine, lt. brown.			
4						
6						
8	4533.32	1		0.0 PPM	1142	
10						
12						
14						
16						
18			SANDY SILT, med/fine, lt. brown.			
20						
22			SANDY CLAY, med/fine, brown.			
24	4533.33	2		0.0 PPM	1149	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

10-12-1999 X:\MTECH5\M8\M8-B239.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B240

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED : 06-03-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : HAND AUGER
H2O SAMPLER :

OPERATOR : COREY MCCORMACK
CONTRACTOR : TVS-PWS-007
NJDEP LIC.# : J1486 (MARK LAURA)

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			Turf.			
2			SANDY SILT, med/fine, lt. brown.			
4						
6						
8	4533.34	1		0.0 PPM	1325	
10						
12						
14						
16			SANDY SILT, med/fine, lt. brown.			
18						
20			SANDY CLAY, med/fine, brown.			
22						
24	4533.35	2		0.0 PPM	1331	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

10-07-1999 X:\MTECH5\M8\M8-B240.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B241

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED : 06-03-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : HAND AUGER
H2O SAMPLER :

OPERATOR : COREY MCCORMACK
CONTRACTOR : TVS-PWS-007
NJDEP LIC.# : J1486 (MARK LAURA)

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			Turf.			
2			SANDY SILT, med/fine, lt. brown.			
4						
6						
8	4533.36	1		0.0 PPM	1341	
10						
12						
14						
16			SANDY SILT, med/fine, brown.			
18						
20						
22			SANDY CLAY, med/fine, brown.			
24	4533.37	2		0.0 PPM	1349	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

10-07-1999 X:\MTECH5\M8\M8-B241.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B242

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED : 06-03-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : HAND AUGER
H2O SAMPLER :

OPERATOR : COREY MCCORMACK
CONTRACTOR : TVS-PWS-007
NJDEP LIC.# : J1486 (MARK LAURA)

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			Turf.			
2			SANDY SILT, med/fine, lt. brown.			
4						
6						
8	4533.38	1		0.0 PPM	1355	
10						
12			SANDY SILT, med/fine, brown.			
14						
16			SANDY CLAY, med/fine, brown.			
18						
20						
22						
24	4533.39	2		0.0 PPM	1400	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

10-07-1999 X:\MTECH5\M8\M8-B242.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B243

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED : 06-03-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : HAND AUGER
H2O SAMPLER :

OPERATOR : COREY MCCORMACK
CONTRACTOR : TVS-PWS-007
NJDEP LIC.# : J1486 (MARK LAURA)

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			Turf.			
2			SANDY SILT, med/fine, lt. brown.			
4						
6						
8	4533.40	1		0.0 PPM	1410	
10						
12						
14						
16			SANDY CLAY, med/fine, brown.			
18						
20						
22						
24	4533.41	2		0.0 PPM	1415	
26			SANDY CLAY, med/fine, brown.			
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

10-07-1999 X:\MTECH5\M8\M8-B243.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B244

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED : 06-03-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : HAND AUGER
H2O SAMPLER :

OPERATOR : COREY MCCORMACK
CONTRACTOR : TVS-PWS-007
NJDEP LIC.# : J1486 (MARK LAURA)

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			Turf.			
2			SAND, med/fine, lt. brown.			
6						
8			SANDY SILT, med/fine, brown.			
10	4533.42	1		0.0 PPM	1421	
12						
14						
16						
18						
20						
22						
24	4533.43	2		0.0 PPM	1427	
26						
28			SANDY CLAY, med/fine, brown.			
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

10-07-1999 X:\MTECH5\M8\M8-B244.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B245

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED : 06-03-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : HAND AUGER
H2O SAMPLER :

OPERATOR : COREY MCCORMACK
CONTRACTOR : TVS-PWS-007
NJDEP LIC.# : J1486 (MARK LAURA)

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			Turf.			
2			SAND, med/fine, lt. brown.			
4						
6						
8	4533.44	1		0.0 PPM	1429	
10						
12						
14			SANDY SILT, med/fine, brown.			
16						
18						
20						
22			SANDY SILT, med/fine, brown.			
24	4533.45	2		0.0 PPM	1432	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

10-07-1999 X:\MTECH5\M8\M8-B245.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B246

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED : 06-03-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : HAND AUGER
H2O SAMPLER :

OPERATOR : COREY MCCORMACK
CONTRACTOR : TVS-PWS-007
NJDEP LIC.# : J1486 (MARK LAURA)

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			Turf.			
2			SAND, med/fine, lt. brown.			
4						
6						
8	4533.46	1		0.0 PPM	1435	
10			SANDY SILT, med/fine, brown.			
12						
14						
16						
18						
20			SANDY SILT, med/fine, dk. brown.			
22						
24	4533.47	2		0.0 PPM	1440	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

10-07-1999 X:\MTECH5\M8\M8-B246.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B247

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED : 06-03-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : HAND AUGER
H2O SAMPLER :

OPERATOR : COREY MCCORMACK
CONTRACTOR : TVS-PWS-007
NJDEP LIC.# : J1486 (MARK LAURA)

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			Turf.			
2			SANDY SILT, med/fine, lt. brown.			
4						
6						
8	4533.48	1		0.0 PPM	1437	
10						
12						
14						
16						
18						
20			SANDY SILT, med/fine, brown.			
22						
24	4533.49	2	SANDY SILT, med/fine, brown.	0.0 PPM	1443	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

10-07-1999 X:\MTECH5\M8\M8-B247.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B248

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED : 06-03-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER :

OPERATOR : COREY MCCORMACK
CONTRACTOR : TVS-PWS-007
NJDEP LIC.# : J1486 (MARK LAURA)

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			Turf.			
2			SANDY SILT, med/fine, lt. brown.			
4						
6						
8	4533.50	1		0.0 PPM	1445	
10						
12						
14						
16						
18			SANDY SILT, med/fine, brown.			
20						
22			SANDY CLAY, med/fine, brown.			
24	4533.51	2		0.0 PPM	1449	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

10-07-1999 X:\MTECH5\M8\M8-B248.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B249

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED : 06-03-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : HAND AUGER
H2O SAMPLER :

OPERATOR : COREY MCCORMACK
CONTRACTOR : TVS-PWS-007
NJDEP LIC.# : J1486 (MARK LAURA)

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			Turf.			
2			SANDY SILT, med/fine, lt. brown.			
4						
6						
8	4533.52	1		0.0 PPM	1450	
10						
12						
14			SANDY SILT, med/fine, brown.			
16						
18						
20						
22			CLAYEY SILT, med/fine, brown.			
24	4533.53	2		0.0 PPM	1455	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

10-07-1999 X:\MTECH5\M8\M8-B249.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M8-B250

U.S. ARMY
FT. MONMOUTH, NJ
SELFM-PW-EV
JOSEPH FALLON
M-8 LANDFILL INVESTIGATION

DATE COMPLETED : 06-03-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : HAND AUGER
H2O SAMPLER :

OPERATOR : COREY MCCORMACK
CONTRACTOR : TVS-PWS-007
NJDEP LIC.# : J1486 (MARK LAURA)

Depth in INCHES	Lab No.	Samples	DESCRIPTION	HNU	TIME	NOTES
0			Turf.			
2			SANDY SILT, med/fine, lt. brown.			
4						
6						
8	4533.54	1		0.0 PPM	1500	
10						
12			SANDY SILT, med/fine, brown.			
14						
16						
18			CLAYEY SILT, med/fine, brown.			
20						
22						
24	4533.55	2		0.0 PPM	1507	
26						
28						
30						
32						
34						
36						
38						
40						
42						
44						
46						
48						

10-07-1999 X:\MTECH5\M8\M8-B250.BOR

APPENDIX F

Compliance Average Area Names

Appendix F
Compliance Average Area Names
M-8 Landfill
Fort Monmouth, New Jersey

Compliance Area Name:	AREA SVOC-1	Boring ID
		B29
		B30
		B31
		B32
		B1A
		B2B
		B3C
		B4D
		B5E
		B6F
		B11K
		B12L
		B16P
		B17Q
		B18R
		B76
		B171
		B172
		B173
		B174
		B175
		B177
		B178
		B181
		B182
		B185
		B186
		B188
		B196
		B197
		B199
		B200
		B202
		B204
		B205
		B207
		B224
		B225
		B226
		B227
		B230
		B232
		B233
		B234
		B235
		B236
		B237
		B240
		B241

Compliance Area Name:	AREA SVOC-2	Boring ID
		B250
		B2
		B10
		B11
		B34
		B35
		B36
		B37
		B38
		B39
		B40
		B41
		B21U
		B22V
		B23W
		B24X
		B25Y
		B26Z
		B27AA
		B28BB
		B29CC
		B30DD
		B31EE
		B32FF
		B63
		B64
		B65
		B66
		B67
		B68
		B69
		B70
		B71
		B72
		B73
		B74
		B75
		B78
		B79
		B80
		B81
		B82
		B83
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Compliance Area Name: **AREA SVOC-3** **Boring ID**

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Compliance Area Name: **AREA PESTPCB-1** **Boring ID**

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Compliance Area Name: **AREA PESTPCB-2** **Boring ID**

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Compliance Area Name: AREA PESTPCB-3 Boring ID

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Compliance Area Name: AREA METALS-1 Boring ID

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