FINAL

Remedial Investigation Report for Near-Surface Soils

M-2 Landfill Site

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

Directorate of Public Works

February 23, 2004

201 Gibraltar Road, Suite 100
Horsham, Pennsylvania 19044

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Fort Monmouth, New Jersey

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EXECUTIVE SUMMARY

To demonstrate compliance equivalence of the existing soil cover over the M-2 Landfill Site with respect to the Solid Waste Disposal Act of 1965, DPW characterized the near-surface soils using 193 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-2 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-2 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-2 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-2 Landfill Site. The M-2 Landfill Site is located on the south side of Mill Creek on the Main Post of Fort Monmouth. This RIR presents a compilation of the results of remedial investigation conducted at the M-2 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-2 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-2 Landfill Site located at Fort Monmouth. **Section 3.0** describes and summarizes the soil sampling activities conducted at the M-2 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-2 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-2 Landfill was a former historic fill site located on the southwest corner of the Main Post, south of and adjacent to Mill Creek. The historic fill reportedly contained domestic and industrial wastes. The approximate size of the M-2 Landfill Site area is 280,400 feet^2 (6.5 acres). Based on historical research, the period of operation of the fill site was approximately 1964 to 1968 (possibly into 1969).

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-2 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-2 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 sediment and surface water sampling, groundwater monitoring well installation and sampling and tidal monitoring. The Weston SI report was used as the basis for the supplemental remedial investigations described in the following sections of this report.

Lithologic data collected from the soil borings indicated that the overburden material consisted of a thin soil cover, approximately 0.2 feet, overlaying fill material consisting of organic debris and coal fragments intermixed with sand, silt and clay.

2.3 Environmental Setting

The following is a description of the geological/hydrogeological setting of the area surrounding the M-2 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-2 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-2 Landfill Site consists of a thin soil cover (0.2 feet) underlain by fill material. The components of the fill materials observed in the borings consist of organic debris and coal fragments intermixed with sand, silt and clay. Groundwater saturation was observed at approximately 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 Mill Creek.

2.3.2 Hydrogeology

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

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

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

Based on a review of the NJDEP GWQS (NJAC 7:9-6), January 7, 1993, Versar has determined that the site is underlain by a Class III-A aquifer. A formal presentation of this finding was made to the NJDEP on April 17, 2001. The primary designated use for Class III-A groundwater is the release or transmittal of groundwater to adjacent classification areas and surface water, as relevant. Secondary designated uses in Class III-A include any reasonable use. Further discussion of the Class III-A aquifer designation is presented in **Section 5.0**.

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

3.0 SITE ACTIVITIES

The DPW conducted this remedial investigation in accordance that the NJDEP Technical Requirements for Site Remediation (N.J.A.C. 26:E) to characterize near surface soils and assess potential risks to human health or the environment. The remedial investigation activities consisted of the collection of near-surface soil samples at the M-2 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-2 Landfill Site are described below.

The DPW characterized the near-surface soils at the M-2 Landfill Site by completing 193 borings (B4-B6, B13-B15, B19-B21, B25-B27 and B31-B211) 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 390 soil samples were collected from the 193 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-2 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-2 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-2 Landfill Site were conducted at the Fort Monmouth Environmental Testing Laboratory (FMETL), a New Jersey certified laboratory (Certification No. 13461). The locations of these 193 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-2 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 390 soil samples collected from 193 borings at the M-2 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 193 borings at the M-2 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-2 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 193 soil borings.

4.1.2 SVOCs

SVOC analyses were conducted on soil samples collected from the 193 soil borings at the M-2 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 15 of the 193 soil boring locations. The borings that presented exceedences of SVOCs are listed in **Table 4-2**. Seven SVOCs were detected in site soils at concentrations above the RDCSCC. The seven SVOCs that exceeded the RDCSCC are, with number of exceedences in parentheses, Benzo(a)anthracene (8), Benzo(a)pyrene (12), Benzo(b)fluoranthene (8), Benzo(k)fluoranthene (7), Chrysene (4), Dibenz(a,h)anthracene (2), and Indeno(1,2,3-cd)pyrene (4). **Table 4-3** presents a summary of the results, identifying the maximum, minimum and average exceedences for each of these parameters. A discussion of these exceedences is presented below.

- Benzo(a)anthracene was detected in eight of the site soil samples above the RDCSCC of 0.9 mg/kg. The exceedence concentrations ranged from a minimum of 0.98 mg/kg (B158) to a maximum of 9.5 mg/kg (B82). The average exceedence concentration for Benzo(a)anthracene is 2.77 mg/kg.

- Benzo(a)pyrene was detected in 12 site soil samples above the RDCSCC of 0.66 mg/kg. The exceedence concentrations ranged from a minimum of 0.73 mg/kg (B78) to a maximum of 10.0 mg/kg (B82). The average exceedence concentration for Benzo(a)pyrene is 2.10 mg/kg.

- Benzo(b)fluoranthene was detected in eight of the site soil samples above the RDCSCC of 0.9 mg/kg. The exceedence concentrations ranged from a minimum of 1.0 mg/kg (B96) to a maximum of 13.0 mg/kg (B82). The average exceedence concentration for Benzo(b)fluoranthene exceedences is 5.50 mg/kg.

- Benzo(k)fluoranthene was detected in seven of the site soil samples above the RDCSCC of 0.9 mg/kg. The exceedence concentrations ranged from a minimum of 0.97 mg/kg (B55) to a maximum of 11.0 mg/kg (B82). The average exceedence concentration for Benzo(k)fluoranthene is 4.22 mg/kg.

- Chrysene was detected in four site soil samples above the RDCSCC of 9.0 mg/kg. The exceedence concentrations ranged from a minimum of 10.1 mg/kg (B124, B144, B210) to a maximum of 14.0 mg/kg (B82). The average exceedence concentration for Chrysene is 11.08 mg/kg.

- Dibenz(a,h)anthracene was detected in two of the site soil samples above the RDCSCC of 0.66 mg/kg. The exceedence concentrations ranged from a minimum of 0.81 mg/kg (B21) to a maximum of 3.5 mg/kg (B82). The average of the Dibenz(a,h)anthracene exceedences is 2.16 mg/kg.

- Indeno(1,2,3-cd)pyrene was detected in four of the site soil samples above the RDCSCC of 0.9 mg/kg. The exceedence concentrations ranged from a minimum of 1.1 mg/kg (B152) to a maximum of 5.7 mg/kg (B82). The average exceedence concentration for Indeno(1,2,3-cd)pyrene is 2.40 mg/kg.

4.1.3 Pesticides and PCBs

Pesticide and PCB analyses were conducted on soil samples collected from the 193 borings at the M-2 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 193 borings was analyzed for 19 pesticides and seven PCB compounds.

Soil cleanup criteria for pesticides and PCBs were exceeded in 12 of the 193 soil boring locations. The borings that presented exceedences of pesticides and PCBs are listed in **Table 4-2**. Seven pesticides and PCBs were detected in site soils at concentrations above

the RDCSCC. The seven pesticides and PCBs that exceeded the RDCSCC are, with number of exceedences in parentheses, 4,4'-DDE (1), 4,4'-DDT (1), Arochlor 1242 (1), Arochlor 1248 (1), Arochlor 1254 (4), Arochlor 1260 (2) and Dieldrin (3). **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'-DDE was detected in one site soil sample above the RDCSCC of 2.0 mg/kg at a concentration of 3.705 mg/kg (B142A).

- 4,4'-DDT was detected in one site soil sample above the RDCSCC of 2.0 mg/kg at a concentration of 6.811 mg/kg (B142A).

- Arochlor 1242 was detected in one site soil sample above the RDCSCC of 0.49 mg/kg at a concentration of 5.983 mg/kg (B178).

- Arochlor 1248 was detected in one site soil sample above the RDCSCC of 0.49 mg/kg at a concentration of 3.082 mg/kg (B165).

- Arochlor 1254 was detected in four of the site soil samples above the RDCSCC of 0.49 mg/kg. The exceedence concentrations ranged from a minimum of 0.651 mg/kg (B60) to a maximum of 1.929 mg/kg (B162). The average exceedence concentration for Arochlor 1254 is 1.31 mg/kg.

- Arochlor 1260 was detected in two of the site soil samples above the RDCSCC of 0.49 mg/kg. The exceedence concentrations ranged from a minimum of 1.764 mg/kg (B120) to a maximum of 5.806 mg/kg (B190). The average exceedence concentration for Arochlor 1260 is 3.79 mg/kg.

- Dieldrin was detected in three of the site soil samples above the RDCSCC of 0.042 mg/kg. The exceedence concentrations ranged from a minimum of 0.068 mg/kg (B156) to a maximum of 0.091 mg/kg (B43). The average exceedence concentration for Dieldrin is 0.08 mg/kg.

4.1.4 Metals

The soil samples from the 193 borings (see **Figure 4-3**) were analyzed for 24 TAL metals. The samples were collected from depths of 6-12 inches. A total of seven metals were detected at concentrations above their respective RDCSCC at 19 of 193 boring locations. The borings that contained exceedences of metals are listed in **Table 4-2**. The seven metals that exceeded the RDCSCC in the borings are, with the number of exceedences in parentheses, Arsenic (9), Beryllium (7), Cadmium (2), Lead (1), Mercury (1), Nickel (2) and Zinc (2). **Table 4-3** presents a summary of the results, presenting the maximum, minimum and average exceedences for each of these parameters. A discussion of these exceedences is presented below.

- Arsenic was detected in nine of the site soil samples above the RDCSCC of 20 mg/kg. The exceedence concentrations ranged from a minimum of 21.2 mg/kg (B127) to a maximum of 81.3 mg/kg (B73). The average exceedence concentration for Arsenic is 37.68 mg/kg.

- Beryllium was detected in seven of the site soil samples above the RDCSCC of 2.0 mg/kg. The exceedence concentrations ranged from a minimum of 2.03 mg/kg (B45) to a maximum of 10.6 mg/kg (B64). The average exceedence concentration for Beryllium is 4.30 mg/kg.

- Cadmium was detected above the RDCSCC of 39 mg/kg in two site soil samples. The exceedence concentrations ranged from a minimum of 156 mg/kg (B96) to a maximum of 505 mg/kg (B26). The average exceedence concentration for Cadmium is 330.50 mg/kg.

- Lead was detected above the RDCSCC of 400 mg/kg in one site soil sample at a concentration of 897 mg/kg (B32).

- Mercury was detected above the RDCSCC of 14 mg/kg in one site soil sample at a concentration of 16.7 mg/kg (B64).

- Nickel was detected above the RDCSCC of 250 mg/kg in two site soil samples. The exceedence concentrations ranged from a minimum of 410 mg/kg (B202) to a maximum of 1,760 mg/kg (B186). The average exceedence concentration for Nickel is 1,085.00 mg/kg.

- Zinc was detected above the RDCSCC of 1,500 mg/kg in two site soil samples. The exceedence concentrations ranged from a minimum of 2,720 mg/kg (B5) to a maximum of 4,510 mg/kg (B149). The average exceedence concentration for Zinc is 3,615.00 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-2 Landfill Site was to complete the soil sampling analysis. The analytical results from the 390 soil samples collected from 193 borings at the M-2 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-2 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-2 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-2 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-2 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-2 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 193 soil borings. This finding supports a No Further Action determination relative to VOCs in near-surface soils at the M-2 Landfill Site.

4.3.2 SVOCs

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

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

Benzo(a)anthracene was detected in eight of the site soil samples above the RDCSCC of 0.9 mg/kg at concentrations ranging from 0.98 mg/kg to 9.5 mg/kg (average exceedence concentration of 2.77 mg/kg). Because the maximum concentration of Benzo(a)anthracene was greater than the 10X ceiling limit of 9 mg/kg in AREA SVOC-1, compliance averaging was not appropriate for Benzo(a)anthracene for this area of the M-2 Landfill Site.

Compliance averaging conducted for Benzo(a)anthracene in AREA SVOC-2 yielded the compliance average concentration of 0.609 mg/kg. Therefore, the compliance average for Benzo(a)anthracene in AREA SVOC-2 is below the RDCSCC of 0.9 mg/kg and is not of concern.

Due to the limited presence of Benzo(a)anthracene in the area of the site identified as AREA SVOC-1 at concentrations that are both above the RDCSCC and inappropriate for compliance averaging, the DPW will incorporate a document equivalent to a DER into the Fort Monmouth Master Plan. The DER equivalent will apply to soils presenting exceedences of Benzo(a)anthracene at the M-2 Landfill Site (AREA SVOC-1) and will be protective of human health and the environment. The DER equivalent and compliance averaging approach support a No Further Action determination for Benzo(a)anthracene in near-surface soils at the M-2 Landfill Site.

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

Benzo(a)pyrene was detected in 12 site soil samples above the RDCSCC of 0.66 mg/kg at concentrations ranging from 0.73 mg/kg to 10.0 mg/kg (average exceedence concentration of 2.10 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-2 Landfill Site with respect to Benzo(a)pyrene.

Due to the limited presence of Benzo(a)pyrene in the areas of the M-2 Landfill Site identified as AREA SVOC-1 and AREA SVOC-2 at concentrations that are both above the RDCSCC and inappropriate for compliance averaging, the DPW will incorporate a document equivalent to a DER into the Fort Monmouth Master Plan. The DER equivalent will apply to soils presenting exceedences of Benzo(a)pyrene at the M-2 Landfill Site (AREA SVOC-1 and AREA SVOC-2) and will be protective of human health and the environment. The DER equivalent supports a No Further Action determination for Benzo(a)pyrene in near-surface soils at the M-2 Landfill Site.

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

Benzo(b)fluoranthene was detected in eight of the site soil samples above the RDCSCC of 0.9 mg/kg at concentrations ranging from 1.0 mg/kg to 13.0 mg/kg (average exceedence concentration of 5.50 mg/kg). Because the maximum concentration of Benzo(b)fluoranthene was greater than the 10X ceiling limit of 9 mg/kg in AREA SVOC-1, compliance averaging was not appropriate for Benzo(b)fluoranthene for this area of the M-2 Landfill Site.

Compliance averaging was conducted for Benzo(b)fluoranthene in AREA SVOC-2 and found to be 0.681 mg/kg. Therefore, the compliance average for Benzo(b)fluoranthene in AREA SVOC-2 is below the RDCSCC of 0.9 mg/kg and is not of concern.

Due to the limited presence of Benzo(b)fluoranthene in the area of the site identified as AREA SVOC-1 at concentrations that are both above the RDCSCC and inappropriate for compliance averaging, the DPW will incorporate a document equivalent to a DER into the Fort Monmouth Master Plan. The DER equivalent will apply to soils presenting exceedences of Benzo(b)fluoranthene at the M-2 Landfill Site (AREA SVOC-1) and will be protective of human health and the environment. The DER equivalent and compliance averaging approach support a No Further Action determination for Benzo(b)fluoranthene in near-surface soils at the M-2 Landfill Site.

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

Benzo(k)fluoranthene was detected in seven of the site soil samples above the RDCSCC of 0.9 mg/kg at concentrations ranging from 0.97 mg/kg to 11.0 mg/kg (average exceedence concentration of 4.22 mg/kg). Because the maximum concentration of Benzo(k)fluoranthene was greater than the 10X ceiling limit of 9 mg/kg in AREA SVOC-1, compliance averaging was not appropriate for Benzo(b)fluoranthene for this area of the M-2 Landfill Site.

Compliance averaging was conducted for Benzo(k)fluoranthene in AREA SVOC-2 and found to be 0.584 mg/kg. Therefore, the compliance average for Benzo(k)fluoranthene in AREA SVOC-2 is below the RDCSCC of 0.9 mg/kg and is not of concern.

Due to the limited presence of Benzo(k)fluoranthene in the area of the site identified as AREA SVOC-1 at concentrations that are both above the RDCSCC and inappropriate for compliance averaging, the DPW will incorporate a document equivalent to a DER into the Fort Monmouth Master Plan. The DER equivalent will apply to soils presenting exceedences of Benzo(k)fluoranthene at the M-2 Landfill Site (AREA SVOC-1) and will be protective of human health and the environment. The DER equivalent and compliance averaging approach support a No Further Action determination for Benzo(k)fluoranthene in near-surface soils at the M-2 Landfill Site.

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

Chrysene was detected in four site soil samples above the RDCSCC of 9.0 mg/kg at concentrations of 10.1 mg/kg and 14 mg/kg (average exceedence concentration of 11.08 mg/kg).

Compliance averaging conducted for Chrysene in AREA SVOC-1 yielded the compliance average concentration of 1.343 mg/kg. Therefore, the compliance average for Chrysene in AREA SVOC-1 is below the RDCSCC of 9 mg/kg and is not of concern.

Compliance averaging conducted for Chrysene in AREA SVOC-2 yielded the compliance average concentration of 1.410 mg/kg. Therefore, the compliance average for Chrysene in AREA SVOC-2 is below the RDCSCC of 9 mg/kg and is not of concern.

These findings support a No Further Action determination for Chrysene in near-surface soils at the M-2 Landfill Site.

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

Dibenz(a,h)anthracene was detected in two of the site soil samples above the RDCSCC of 0.66 mg/kg at concentrations ranging from 0.81 mg/kg to 3.5 mg/kg (average exceedence concentration of 2.16 mg/kg). Compliance averaging was not undertaken for Dibenz(a,h)anthracene because, as described in the Spring 1995 *Site Remediation News* (Volume 7, Number 2), NJDEP's guidance regarding the use of multiplication factors (initially applied to RDCSCCs to limit the maximum allowable concentration for individual samples) had changed. NJDEP's current guidance is to apply the multiplication factors to health based criteria, not RDCSCC. The health-based criteria for Dibenz(a,h)anthracene in soil is 0.09 mg/kg. Applying the 10X factor to 0.09 mg/kg means that no individual sample may exceed 0.9 mg/kg for the purposes of compliance averaging. Therefore, compliance averaging was not appropriate for AREA SVOC-1 at the M-2 Landfill Site with respect to Dibenz(a,h)anthracene.

Compliance averaging conducted for Dibenz(a,h)anthracene in AREA SVOC-2 yielded the compliance average concentration of 0.587 mg/kg. Therefore, the compliance average for Dibenz(a,h)anthracene in AREA SVOC-2 is below the RDCSCC of 0.66 mg/kg and is not of concern.

Due to the limited presence of Dibenz(a,h)anthracene in the area of the M-2 Landfill Site identified as AREA SVOC-1 at concentrations that are both above the RDCSCC and inappropriate for compliance averaging, the DPW will incorporate a document equivalent to a DER into the Fort Monmouth Master Plan. The DER equivalent will apply to soils presenting exceedences of Dibenz(a,h)anthracene at the M-2 Landfill Site (AREA SVOC-1) and will be protective of human health and the environment. The DER equivalent supports a No Further Action determination for Dibenz(a,h)anthracene in near-surface soils at the M-2 Landfill Site.

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

Indeno(1,2,3-cd)pyrene was detected in four of the site soil samples above the RDCSCC of 0.9 mg/kg at concentrations ranging from 1.1 mg/kg to 5.7 mg/kg (average exceedence concentration of 2.40 mg/kg).

Compliance averaging conducted for Indeno(1,2,3-cd)pyrene in AREA SVOC-1 yielded the compliance average concentration of 0.816 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.

Compliance averaging for Indeno(1,2,3-cd)pyrene in AREA SVOC-2 yielded the compliance average concentration of 0.555 mg/kg. Therefore, the compliance average for Indeno(1,2,3-cd)pyrene in AREA SVOC-2 is below the RDCSCC of 0.9 mg/kg and is not of concern.

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

4.3.3 Pesticides and PCBs

Seven pesticides and PCBs were detected in site soils at concentrations above their respective RDCSCC: 4,4'-DDE, 4,4'-DDT, Arochlor 1242, Arochlor 1248, Arochlor 1254, Arochlor 1260 and Dieldrin. For the purposes of compliance analysis, the sample locations with exceedences of the RDCSCC for pesticides and PCBs have been grouped into two areas, AREA PESTPCB-1 and AREA PESTPCB-2. The borings contained within these compliance average areas are labeled in **Figure 4-2** and listed in **Appendix F**. The compliance analysis method for these compounds is presented in **Table 4-4**.

4,4'-DDE (AREA PESTPCB-2)

4,4'-DDE was detected in one site soil sample above the RDCSCC of 2.0 mg/kg at a concentration of 3.705 mg/kg.

Compliance averaging for 4,4'-DDE in AREA PESTPCB-2 yielded the compliance average concentration of 0.186 mg/kg. Therefore, the compliance average for 4,4'-DDE in AREA PESTPCB-2 is below the RDCSCC of 2.0 mg/kg and is not of concern.

These findings support a No Further Action determination for 4,4'-DDE in near-surface soils at the M-2 Landfill Site.

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

4,4'-DDT was detected in one site soil sample above the RDCSCC of 2.0 mg/kg at a concentration of 6.811 mg/kg.

Compliance averaging for 4,4'-DDT in AREA PESTPCB-2 yielded the compliance average concentration of 0.364 mg/kg. Therefore, the compliance average for 4,4'-DDT in AREA PESTPCB-2 is below the RDCSCC of 2.0 mg/kg and is not of concern.

These findings support a No Further Action determination for 4,4'-DDT in near-surface soils at the M-2 Landfill Site.

Arochlor 1242 (AREA PESTPCB-2)

Arochlor 1242 was detected in one site soil sample above the RDCSCC of 0.49 mg/kg at a concentration of 5.983 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, compliance averaging was not appropriate for Arochlor 1242 for this area of the M-2 Landfill Site.

Due to the limited presence of Arochlor 1242 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 1242 at the M-2 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 1242 in near-surface soils at the M-2 Landfill Site.

Arochlor 1248 (AREA PESTPCB-2)

Arochlor 1248 was detected in one site soil sample above the RDCSCC of 0.49 mg/kg at a concentration of 3.082 mg/kg.

Compliance averaging for Arochlor 1248 in AREA PESTPCB-2 yielded the compliance average concentration of 0.156 mg/kg. Therefore, the compliance average for Arochlor 1248 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 1248 in near-surface soils at the M-2 Landfill Site.

Arochlor 1254 (AREA PESTPCB-1 and AREA PESTPCB-2)

Arochlor 1254 was detected in four of the site soil samples above the RDCSCC of 0.49 mg/kg at concentrations ranging from 0.651 mg/kg to 1.929 mg/kg (average exceedence concentration of 1.31 mg/kg).

Compliance averaging for Arochlor 1254 in AREA PESTPCB-1 yielded the compliance average concentration of 0.098 mg/kg. Therefore, the compliance average for Arochlor 1254 in AREA PESTPCB-1 is below the RDCSCC of 0.49 mg/kg and is not of concern.

Compliance averaging for Arochlor 1254 in AREA PESTPCB-2 yielded the compliance average concentration of 0.160 mg/kg. Therefore, the compliance average for Arochlor 1254 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 1254 in near-surface soils at the M-2 Landfill Site.

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

Arochlor 1260 was detected in two of the site soil samples above the RDCSCC of 0.49 mg/kg at concentrations ranging from 1.764 mg/kg to 5.806 mg/kg (average exceedence concentration of 3.79 mg/kg). Because the maximum concentration of Arochlor 1260 was greater than the 10X ceiling limit of 4.9 mg/kg in AREA PESTPCB-1, compliance averaging was not appropriate for Arochlor 1260 for this area of the M-2 Landfill Site.

Compliance averaging for Arochlor 1260 in AREA PESTPCB-2 yielded the compliance average concentration of 0.089 mg/kg. Therefore, the compliance average for Arochlor 1260 in AREA PESTPCB-2 is below 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-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 Arochlor 1260 at the M-2 Landfill Site (AREA PESTPCB-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 Arochlor 1260 in near-surface soils at the M-2 Landfill Site.

Dieldrin (AREA PESTPCB-1 and AREA PESTPCB-2)

Dieldrin was detected in three of the site soil samples above the RDCSCC of 0.042 mg/kg at concentrations ranging from 0.068 mg/kg to 0.091 mg/kg (average exceedence concentration of 0.08 mg/kg).

Compliance averaging for Dieldrin in AREA PESTPCB-1 yielded the compliance average concentration of 0.013 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-2 yielded the compliance average concentration of 0.009 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.

These findings support a No Further Action determination for Dieldrin in near-surface soils at the M-2 Landfill Site.

4.3.4 Metals

Seven metals were detected at concentrations above their respective RDCSCC: Arsenic, Beryllium, Cadmium, Lead, Mercury, Nickel 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**.

Arsenic (AREA METALS-1)

Arsenic was detected in nine of the site soil samples above the RDCSCC of 20 mg/kg at concentrations ranging from 21.2 mg/kg to 81.3 mg/kg (average exceedence concentration of 37.68 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-2 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-2 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-2 Landfill Site.

Beryllium (AREA METALS-1)

Beryllium was detected above the RDCSCC of 2.0 mg/kg in seven site soil samples at concentrations ranging from 2.03 mg/kg to 10.6 mg/kg (average exceedence concentration of 4.30 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-2 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-2 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-2 Landfill Site.

Cadmium (AREA METALS-1)

Cadmium was detected above the RDCSCC of 39 mg/kg in two site soil samples at concentrations ranging from 156 mg/kg to 505 mg/kg (average exceedence concentration of 330.50 mg/kg). Because the maximum concentration of Cadmium was greater than the 5X ceiling limit of 195 mg/kg in AREA METALS-1, compliance averaging was not appropriate for Cadmium for this area of the M-12 Landfill Site.

Due to the limited presence of Cadmium in the area of the M-2 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 Cadmium at the M-2 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 Cadmium in near-surface soils at the M-2 Landfill Site.

Lead (AREA METALS-1)

Lead was detected above the RDCSCC of 400 mg/kg in one site soil samples at a concentration of 897 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-2 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-2 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-2 Landfill Site.

Mercury (AREA METALS-2)

Mercury was detected above the RDCSCC of 14 mg/kg at one boring at a concentration of 16.7 mg/kg.

Compliance averaging conducted for Mercury in AREA METALS-1 yielded the compliance average concentration of 0.58 mg/kg. Therefore, the compliance average for Mercury in AREA METALS-1 is below the RDCSCC of 14 mg/kg and is not of concern.

These findings support a No Further Action determination relative to Mercury in near-surface soils at the M-2 Landfill Site.

Nickel (AREA METALS-1)

Nickel was detected above the RDCSCC of 250 mg/kg in two site soil samples at concentrations ranging from 410 mg/kg to 1,760 mg/kg (average exceedence concentration of 1,085 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-2 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-2 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-2 Landfill Site.

Zinc (AREA METALS-1)

Zinc was detected above the RDCSCC of 1,500 mg/kg in two site soil samples at concentrations ranging from 2,720 mg/kg to 4,510 mg/kg (average exceedence concentration of 3,615 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-2 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-2 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-2 Landfill Site.

5.0 CONCLUSIONS AND RECOMMENDATIONS

To demonstrate compliance equivalence of the existing soil cover over the M-2 Landfill Site with respect to the Solid Waste Disposal Act of 1965, DPW characterized the near-surface soils using 193 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-18 Landfill Site is located within a Class-III-A aquifer (aquitard), which would prevent any contamination from migrating offsite. The Army is therefore requesting a No Further Action for these parameters. The DER equivalent may be developed for the entire M-2 Landfill Site or be restricted to the following areas and analytes (see **Figures 4-1, 4-2** and **4-3** for the boundaries of these areas):

- AREA SVOC-1: Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(k)fluoranthene and Dibenz(a,h)anthracene
- AREA SVOC-2: Benzo(a)pyrene
- AREA PESTPCB-1: Arochlor 1260
- AREA PESTPCB-2: Arochlor 1242
- AREA METALS-1: Arsenic, Beryllium, Cadmium, Lead, Nickel 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-2 Landfill Site, the negligible impacts reported to-date, the lack of groundwater use at or downgradient of the M-2 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-2 Landfill Site.

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TABLES

Table 3-1
Soil Sample Collection Summary
M-2 Landfill
Fort Monmouth, New Jersey

Boring ID	Field Sample ID	Lab Sample ID	Depth	Date Collected	Matrix	Analytical Parameters	Analytical Methods
B4	B4 (6-12")	4286.02	(6-12")	2/19/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B4	B4 (24")	4286.03	(24")	2/19/1999	Soil	VOCs	Method 8260
B5	B5 (6-12")	4286.04	(6-12")	2/19/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B5	B5 (24")	4286.05	(24")	2/19/1999	Soil	VOCs	Method 8260
B6	B6 (6-12")	4286.06	(6-12")	2/19/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B6	B6 (24")	4286.07	(24")	2/19/1999	Soil	VOCs	Method 8260
B13	B13 (6-12")	4295.02	(6-12")	2/23/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B13	B13 (24")	4295.03	(24")	2/23/1999	Soil	VOCs	Method 8260
B14	B14 (6-12")	4295.04	(6-12")	2/23/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B14	B14 (24")	4295.05	(24")	2/23/1999	Soil	VOCs	Method 8260
B15	B15 (6-12")	4295.06	(6-12")	2/23/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B15	B15 (24")	4295.07	(24")	2/23/1999	Soil	VOCs	Method 8260
B19	B19 (6-12")	4298.02	(6-12")	2/24/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B19	B19 (24")	4298.03	(24")	2/24/1999	Soil	VOCs	Method 8260
B20	B20 (6-12")	4298.04	(6-12")	2/24/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B20	B20 (24")	4298.05	(24")	2/24/1999	Soil	VOCs	Method 8260
B21	B21 (6-12")	4298.06	(6-12")	2/24/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B21	B21 (24")	4298.07	(24")	2/24/1999	Soil	VOCs	Method 8260
B25	B25 (6-12")	4298.08	(6-12")	2/24/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B25	B25 (24")	4298.09	(24")	2/24/1999	Soil	VOCs	Method 8260
B26	B26 (6-12")	4298.10	(6-12")	2/24/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B26	B26 (24")	4298.11	(24")	2/24/1999	Soil	VOCs	Method 8260
B27	B27 (6-12")	4298.12	(6-12")	2/24/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B27	B27 (24")	4298.13	(24")	2/24/1999	Soil	VOCs	Method 8260
B31	B31 (6-12")	4327.02	(6-12")	3/8/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B31	B31 (24")	4327.03	(24")	3/8/1999	Soil	VOCs	Method 8260
B32	B32 (6-12")	4327.04	(6-12")	3/8/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B32	B32 (24")	4327.05	(24")	3/8/1999	Soil	VOCs	Method 8260
B33	B33 (6-12")	4327.06	(6-12")	3/8/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B33	B33 (24")	4327.07	(24")	3/8/1999	Soil	VOCs	Method 8260
B34	B34 (6-12")	4331.02	(6-12")	3/9/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B34	B34 (24")	4331.03	(24")	3/9/1999	Soil	VOCs	Method 8260
B35	B35 (6-12")	4331.04	(6-12")	3/9/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B35	B35 (24")	4331.05	(24")	3/9/1999	Soil	VOCs	Method 8260
B36	B36 (6-12")	4331.06	(6-12")	3/9/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B36	B36 (24")	4331.07	(24")	3/9/1999	Soil	VOCs	Method 8260
B37	B37 (6-12")	4331.08	(6-12")	3/9/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B37	B37 (24")	4331.09	(24")	3/9/1999	Soil	VOCs	Method 8260
B38	B38 (6-12")	4335.02	(6-12")	3/10/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B38	B38 (24")	4335.03	(24")	3/10/1999	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-2 Landfill
Fort Monmouth, New Jersey

Boring ID	Field Sample ID	Lab Sample ID	Depth	Date Collected	Matrix	Analytical Parameters	Analytical Methods
B39	B39 (6-12")	4335.04	(6-12")	3/10/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B39	B39 (24")	4335.05	(24")	3/10/1999	Soil	VOCs	Method 8260
B40	B40 (6-12")	4335.06	(6-12")	3/10/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B40	B40 (24")	4335.07	(24")	3/10/1999	Soil	VOCs	Method 8260
B41	B41 (6-12")	4335.08	(6-12")	3/10/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B41	B41 (24")	4335.09	(24")	3/10/1999	Soil	VOCs	Method 8260
B42	B42 (6-12")	4335.10	(6-12")	3/10/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B42	B42 (24")	4335.11	(24")	3/10/1999	Soil	VOCs	Method 8260
B43	B43 (6-12")	4340.02	(6-12")	3/11/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B43	B43 (24")	4340.03	(24")	3/11/1999	Soil	VOCs	Method 8260
B44	B44 (6-12")	4340.04	(6-12")	3/11/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B44	B44 (24")	4340.05	(24")	3/11/1999	Soil	VOCs	Method 8260
B45	B45 (6-12")	4349.02	(6-12")	3/16/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B45	B45 (24")	4349.03	(24")	3/16/1999	Soil	VOCs	Method 8260
B46	B46 (6-12")	4349.04	(6-12")	3/16/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B46	B46 (24")	4349.05	(24")	3/16/1999	Soil	VOCs	Method 8260
B47	B47 (6-12")	4349.06	(6-12")	3/16/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B47	B47 (24")	4349.07	(24")	3/16/1999	Soil	VOCs	Method 8260
B48	B48 (6-12")	4349.08	(6-12")	3/16/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B48	B48 (24")	4349.09	(24")	3/16/1999	Soil	VOCs	Method 8260
B49	B49 (6-12")	4356.02	(6-12")	3/17/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B49	B49 (24")	4356.03	(24")	3/17/1999	Soil	VOCs	Method 8260
B50	B50 (6-12")	4356.04	(6-12")	3/17/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B50	B50 (24")	4356.05	(24")	3/17/1999	Soil	VOCs	Method 8260
B51	B51 (6-12")	4356.06	(6-12")	3/17/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B51	B51 (24")	4356.07	(24")	3/17/1999	Soil	VOCs	Method 8260
B52	B52 (6-12")	4356.08	(6-12")	3/17/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B52	B52 (24")	4356.09	(24")	3/17/1999	Soil	VOCs	Method 8260
B53	B53 (6-12")	4356.10	(6-12")	3/17/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B53	B53 (24")	4356.11	(24")	3/17/1999	Soil	VOCs	Method 8260
B54	B54 (6-12")	4356.12	(6-12")	3/17/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B54	B54 (24")	4356.13	(24")	3/17/1999	Soil	VOCs	Method 8260
B55	B55 (6-12")	4356.14	(6-12")	3/17/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B55	B55 (24")	4356.15	(24")	3/17/1999	Soil	VOCs	Method 8260
B56	B56 (6-12")	4359.02	(6-12")	3/18/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B56	B56 (24")	4359.03	(24")	3/18/1999	Soil	VOCs	Method 8260
B57	B57 (6-12")	4359.04	(6-12")	3/18/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B57	B57 (24")	4359.05	(24")	3/18/1999	Soil	VOCs	Method 8260
B58	B58 (6-12")	4359.06	(6-12")	3/18/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B58	B58 (24")	4359.07	(24")	3/18/1999	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-2 Landfill
Fort Monmouth, New Jersey

Boring ID	Field Sample ID	Lab Sample ID	Depth	Date Collected	Matrix	Analytical Parameters	Analytical Methods
B59	B59 (6-12")	4359.08	(6-12")	3/18/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B59	B59 (24")	4359.09	(24")	3/18/1999	Soil	VOCs	Method 8260
B59A	B59A (6-12")	4367.02	(6-12")	3/23/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B59A(24")	B59A(24")	4367.03		3/23/1999	Soil	VOCs	Method 8260
B60	B60 (6-12")	4367.04	(6-12")	3/23/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B60	B60 (24")	4367.05	(24")	3/23/1999	Soil	VOCs	Method 8260
B61	B61 (6-12")	4367.06	(6-12")	3/23/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B61	B61 (24")	4367.07	(24")	3/23/1999	Soil	VOCs	Method 8260
B62	B62 (6-12")	4367.08	(6-12")	3/23/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B62	B62 (24")	4367.09	(24")	3/23/1999	Soil	VOCs	Method 8260
B63	B63 (6-12")	4367.10	(6-12")	3/23/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B63	B63 (24")	4367.11	(24")	3/23/1999	Soil	VOCs	Method 8260
B64	B64 (6-12")	4367.12	(6-12")	3/23/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B64	B64 (24")	4367.13	(24")	3/23/1999	Soil	VOCs	Method 8260
B65	B65 (6-12")	4367.14	(6-12")	3/23/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B65	B65 (24")	4367.15	(24")	3/23/1999	Soil	VOCs	Method 8260
B66	B66 (6-12")	4380.02	(6-12")	3/30/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B66	B66 (24")	4380.03	(24")	3/30/1999	Soil	VOCs	Method 8260
B67	B67 (6-12")	4380.04	(6-12")	3/30/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B67	B67 (24")	4380.05	(24")	3/30/1999	Soil	VOCs	Method 8260
B68	B68 (6-12")	4380.06	(6-12")	3/30/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B68	B68 (24")	4380.07	(24")	3/30/1999	Soil	VOCs	Method 8260
B69	B69 (6-12")	4380.08	(6-12")	3/30/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B69	B69 (24")	4380.09	(24")	3/30/1999	Soil	VOCs	Method 8260
B70	B70 (6-12")	4380.10	(6-12")	3/30/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B70	B70 (24")	4380.11	(24")	3/30/1999	Soil	VOCs	Method 8260
B71	B71 (6-12")	4395.02	(6-12")	4/6/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B71	B71 (24")	4395.03	(24")	4/6/1999	Soil	VOCs	Method 8260
B72	B72 (6-12")	4395.04	(6-12")	4/6/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B72	B72 (24")	4395.05	(24")	4/6/1999	Soil	VOCs	Method 8260
B73	B73 (6-12")	4395.06	(6-12")	4/6/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B73	B73 (24")	4395.07	(24")	4/6/1999	Soil	VOCs	Method 8260
B74	B74 (6-12")	4406.02	(6-12")	4/9/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B74	B74 (24")	4406.03	(24")	4/9/1999	Soil	VOCs	Method 8260
B75	B75 (6-12")	4406.04	(6-12")	4/9/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B75	B75 (24")	4406.05	(24")	4/9/1999	Soil	VOCs	Method 8260
B76	B76 (6-12")	4406.06	(6-12")	4/9/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B76	B76 (24")	4406.07	(24")	4/9/1999	Soil	VOCs	Method 8260
B77	B77 (6-12")	4415.02	(6-12")	4/13/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B77	B77 (24")	4415.03	(24")	4/13/1999	Soil	VOCs	Method 8260

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

Table 3-1
Soil Sample Collection Summary
M-2 Landfill
Fort Monmouth, New Jersey

Boring ID	Field Sample ID	Lab Sample ID	Depth	Date Collected	Matrix	Analytical Parameters	Analytical Methods
B78	B78 (6-12")	4415.04	(6-12")	4/13/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B78	B78 (24")	4415.05	(24")	4/13/1999	Soil	VOCs	Method 8260
B79	B79 (6-12")	4415.06	(6-12")	4/13/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B79	B79 (24")	4415.07	(24")	4/13/1999	Soil	VOCs	Method 8260
B80	B80 (6-12")	4415.08	(6-12")	4/13/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B80	B80 (24")	4415.09	(24")	4/13/1999	Soil	VOCs	Method 8260
B81	B81 (6-12")	4418.02	(6-12")	4/14/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B81	B81 (24")	4418.03	(24")	4/14/1999	Soil	VOCs	Method 8260
B82	B82 (6-12")	4418.04	(6-12")	4/14/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B82	B82 (24")	4418.05	(24")	4/14/1999	Soil	VOCs	Method 8260
B83	B83 (6-12")	4418.06	(6-12")	4/14/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B83	B83 (24")	4418.07	(24")	4/14/1999	Soil	VOCs	Method 8260
B84	B84 (6-12")	4418.08	(6-12")	4/14/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B84	B84 (24")	4418.09	(24")	4/14/1999	Soil	VOCs	Method 8260
B85	B85 (6-12")	4418.10	(6-12")	4/14/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B85	B85 (24")	4418.11	(24")	4/14/1999	Soil	VOCs	Method 8260
B86	B86 (6-12")	4418.12	(6-12")	4/14/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B86	B86 (24")	4418.13	(24")	4/14/1999	Soil	VOCs	Method 8260
B87	B87 (6-12")	4423.02	(6-12")	4/16/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B87	B87 (24")	4423.03	(24")	4/16/1999	Soil	VOCs	Method 8260
B88	B88 (6-12")	4423.04	(6-12")	4/16/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B88	B88 (24")	4423.05	(24")	4/16/1999	Soil	VOCs	Method 8260
B89	B89 (6-12")	4423.06	(6-12")	4/16/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B89	B89 (24")	4423.07	(24")	4/16/1999	Soil	VOCs	Method 8260
B90	B90 (6-12")	4423.08	(6-12")	4/16/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B90	B90 (24")	4423.09	(24")	4/16/1999	Soil	VOCs	Method 8260
B91	B91 (6-12")	4423.10	(6-12")	4/16/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B91	B91 (24")	4423.11	(24")	4/14/1999	Soil	VOCs	Method 8260
B92	B92 (6-12")	4434.02	(6-12")	4/20/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B92	B92 (24")	4434.03	(24")	4/20/1999	Soil	VOCs	Method 8260
B93	B93 (6-12")	4434.04	(6-12")	4/20/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B93	B93 (24")	4434.05	(24")	4/20/1999	Soil	VOCs	Method 8260
B94	B94 (6-12")	4434.06	(6-12")	4/20/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B94	B94 (24")	4434.07	(24")	4/20/1999	Soil	VOCs	Method 8260
B95	B95 (6-12")	4434.08	(6-12")	4/20/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B95	B95 (24")	4434.09	(24")	4/20/1999	Soil	VOCs	Method 8260
B96	B96 (6-12")	4434.10	(6-12")	4/20/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B96	B96 (24")	4434.11	(24")	4/20/1999	Soil	VOCs	Method 8260
B97	B97 (6-12")	4443.02	(6-12")	4/26/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B97	B97 (24")	4443.03	(24")	4/26/1999	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-2 Landfill
Fort Monmouth, New Jersey

Boring ID	Field Sample ID	Lab Sample ID	Depth	Date Collected	Matrix	Analytical Parameters	Analytical Methods
B98	B98 (6-12")	4443.04	(6-12")	4/26/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B98	B98 (24")	4443.05	(24")	4/26/1999	Soil	VOCs	Method 8260
B99	B99 (6-12")	4443.06	(6-12")	4/26/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B99	B99 (24")	4443.07	(24")	4/26/1999	Soil	VOCs	Method 8260
B100	B100 (6-12")	4443.08	(6-12")	4/26/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B100	B100 (24")	4443.09	(24")	4/26/1999	Soil	VOCs	Method 8260
B101	B101 (6-12")	4443.10	(6-12")	4/26/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B101	B101 (24")	4443.11	(24")	4/26/1999	Soil	VOCs	Method 8260
B102	B102 (6-12")	4446.02	(6-12")	4/27/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B102	B102 (24")	4446.03	(24")	4/27/1999	Soil	VOCs	Method 8260
B103	B103 (6-12")	4446.04	(6-12")	4/27/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B103	B103 (24")	4446.05	(24")	4/27/1999	Soil	VOCs	Method 8260
B104	B104 (6-12")	4446.06	(6-12")	4/27/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B104	B104 (24")	4446.07	(24")	4/27/1999	Soil	VOCs	Method 8260
B105	B105 (6-12")	4446.08	(6-12")	4/27/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B105	B105 (24")	4446.09	(24")	4/27/1999	Soil	VOCs	Method 8260
B106	B106 (6-12")	4446.10	(6-12")	4/27/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B106	B106 (24")	4446.11	(24")	4/27/1999	Soil	VOCs	Method 8260
B107	B107 (6-12")	4446.12	(6-12")	4/27/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B107	B107 (24")	4446.13	(24")	4/27/1999	Soil	VOCs	Method 8260
B108	B108 (6-12")	4462.02	(6-12")	5/4/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B108	B108 (24")	4462.03	(24")	5/4/1999	Soil	VOCs	Method 8260
B109	B109 (6-12")	4462.04	(6-12")	5/4/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B109	B109 (24")	4462.05	(24")	5/4/1999	Soil	VOCs	Method 8260
B110	B110 (6-12")	4462.06	(6-12")	5/4/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B110	B110 (24")	4462.07	(24")	5/4/1999	Soil	VOCs	Method 8260
B111	B111 (6-12")	4462.08	(6-12")	5/4/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B111	B111 (24")	4462.09	(24")	5/4/1999	Soil	VOCs	Method 8260
B112	B112 (6-12")	4462.10	(6-12")	5/4/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B112	B112 (24")	4462.11	(24")	5/4/1999	Soil	VOCs	Method 8260
B113	B113 (6-12")	4466.02	(6-12")	5/6/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B113	B113 (24")	4466.03	(24")	5/6/1999	Soil	VOCs	Method 8260
B114	B114 (6-12")	4466.04	(6-12")	5/6/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B114	B114 (24")	4466.05	(24")	5/6/1999	Soil	VOCs	Method 8260
B115	B115 (6-12")	4466.06	(6-12")	5/6/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B115	B115 (24")	4466.07	(24")	5/6/1999	Soil	VOCs	Method 8260
B116	B116 (6-12")	4466.08	(6-12")	5/6/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B116	B116 (24")	4466.09	(24")	5/6/1999	Soil	VOCs	Method 8260
B117	B117 (6-12")	4466.10	(6-12")	5/6/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B117	B117 (24")	4466.11	(24")	5/6/1999	Soil	VOCs	Method 8260

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

Table 3-1
Soil Sample Collection Summary
M-2 Landfill
Fort Monmouth, New Jersey

Boring ID	Field Sample ID	Lab Sample ID	Depth	Date Collected	Matrix	Analytical Parameters	Analytical Methods
B118	B118 (6-12")	4466.12	(6-12")	5/6/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B118	B118 (24")	4466.13	(24")	5/6/1999	Soil	VOCs	Method 8260
B119	B119 (6-12")	4468.02	(6-12")	5/7/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B119	B119 (24")	4468.03	(24")	5/7/1999	Soil	VOCs	Method 8260
B120	B120 (6-12")	4468.04	(6-12")	5/7/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B120	B120 (24")	4468.05	(24")	5/7/1999	Soil	VOCs	Method 8260
B121	B121 (6-12")	4468.06	(6-12")	5/7/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B121	B121 (24")	4468.07	(24")	5/7/1999	Soil	VOCs	Method 8260
B122	B122 (6-12")	4468.08	(6-12")	5/7/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B122	B122 (24")	4468.09	(24")	5/7/1999	Soil	VOCs	Method 8260
B123	B123 (6-12")	4468.10	(6-12")	5/7/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B123	B123 (24")	4468.11	(24")	5/7/1999	Soil	VOCs	Method 8260
B124	B124 (6-12")	4468.12	(6-12")	5/7/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B124	B124 (24")	4468.13	(24")	5/7/1999	Soil	VOCs	Method 8260
B125	B125 (6-12")	4468.14	(6-12")	5/7/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B125	B125 (24")	4468.15	(24")	5/7/1999	Soil	VOCs	Method 8260
B126	B126 (6-12")	4468.16	(6-12")	5/7/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B126	B126 (24")	4468.17	(24")	5/7/1999	Soil	VOCs	Method 8260
B127	B127 (6-12")	4468.18	(6-12")	5/7/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B127	B127 (24")	4468.19	(24")	5/7/1999	Soil	VOCs	Method 8260
B128	B128 (6-12")	4472.02	(6-12")	5/10/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B128	B128 (24")	4472.03	(24")	5/10/1999	Soil	VOCs	Method 8260
B129	B129 (6-12")	4472.04	(6-12")	5/10/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B129	B129 (24")	4472.05	(24")	5/10/1999	Soil	VOCs	Method 8260
B130	B130 (6-12")	4472.06	(6-12")	5/10/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B130	B130 (24")	4472.07	(24")	5/10/1999	Soil	VOCs	Method 8260
B131	B131 (6-12")	4472.08	(6-12")	5/10/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B131	B131 (24")	4472.09	(24")	5/10/1999	Soil	VOCs	Method 8260
B132	B132 (6-12")	4472.10	(6-12")	5/10/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B132	B132 (24")	4472.11	(24")	5/10/1999	Soil	VOCs	Method 8260
B133	B133 (6-12")	4472.12	(6-12")	5/10/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B133	B133 (24")	4472.13	(24")	5/10/1999	Soil	VOCs	Method 8260
B134	B134 (6-12")	4472.14	(6-12")	5/10/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B134	B134 (24")	4472.15	(24")	5/10/1999	Soil	VOCs	Method 8260
B135	B135 (6-12")	4472.16	(6-12")	5/10/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B135	B135 (24")	4472.17	(24")	5/10/1999	Soil	VOCs	Method 8260
B136	B136 (6-12")	4472.18	(6-12")	5/10/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B136	B136 (24")	4472.19	(24")	5/10/1999	Soil	VOCs	Method 8260
B137	B137 (6-12")	4472.20	(6-12")	5/10/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B137	B137 (24")	4472.21	(24")	5/10/1999	Soil	VOCs	Method 8260

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Table 3-1
Soil Sample Collection Summary
M-2 Landfill
Fort Monmouth, New Jersey

Boring ID	Field Sample ID	Lab Sample ID	Depth	Date Collected	Matrix	Analytical Parameters	Analytical Methods
B138	B138 (6-12")	4472.22	(6-12")	5/10/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B138	B138 (24")	4472.23	(24")	5/10/1999	Soil	VOCs	Method 8260
B139	B139 (6-12")	4472.24	(6-12")	5/10/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B139	B139 (24")	4472.25	(24")	5/10/1999	Soil	VOCs	Method 8260
B140	B140 (6-12")	4472.26	(6-12")	5/10/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B140	B140 (24")	4472.27	(24")	5/10/1999	Soil	VOCs	Method 8260
B141	B141 (6-12")	4472.28	(6-12")	5/10/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B141	B141 (24")	4472.29	(24")	5/10/1999	Soil	VOCs	Method 8260
B142	B142 (6-12")	4472.30	(6-12")	5/10/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B142	B142 (24")	4472.31	(24")	5/10/1999	Soil	VOCs	Method 8260
B142A	B142A (6-12")	4475.02	(6-12")	5/11/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B142A	B142A (24")	4475.03	(24")	5/11/1999	Soil	VOCs	Method 8260
B143	B143 (6-12")	4475.04	(6-12")	5/11/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B143	B143 (24")	4475.05	(24")	5/11/1999	Soil	VOCs	Method 8260
B144	B144 (6-12")	4475.06	(6-12")	5/11/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B144	B144 (24")	4475.07	(24")	5/11/1999	Soil	VOCs	Method 8260
B145	B145 (6-12")	4475.08	(6-12")	5/11/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B145	B145 (24")	4475.09	(24")	5/11/1999	Soil	VOCs	Method 8260
B146	B146 (6-12")	4475.1	(6-12")	5/11/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B146	B146 (24")	4475.11	(24")	5/11/1999	Soil	VOCs	Method 8260
B147	B147 (6-12")	4475.12	(6-12")	5/11/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B147	B147 (24")	4475.13	(24")	5/11/1999	Soil	VOCs	Method 8260
B148	B148 (6-12")	4475.14	(6-12")	5/11/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B148	B148 (24")	4475.15	(24")	5/11/1999	Soil	VOCs	Method 8260
B149	B149 (6-12")	4475.16	(6-12")	5/11/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B149	B149 (24")	4475.17	(24")	5/11/1999	Soil	VOCs	Method 8260
B150	B150 (6-12")	4475.18	(6-12")	5/11/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B150	B150 (24")	4475.19	(24")	5/11/1999	Soil	VOCs	Method 8260
B151	B151 (6-12")	4475.2	(6-12")	5/11/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B151	B151 (24")	4475.21	(24")	5/11/1999	Soil	VOCs	Method 8260
B152	B152 (6-12")	4475.22	(6-12")	5/11/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B152	B152 (24")	4475.23	(24")	5/11/1999	Soil	VOCs	Method 8260
B153	B153 (6-12")	4475.24	(6-12")	5/11/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B153	B153 (24")	4475.25	(24")	5/11/1999	Soil	VOCs	Method 8260
B154	B154 (6-12")	4475.26	(6-12")	5/11/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B154	B154 (24")	4475.27	(24")	5/11/1999	Soil	VOCs	Method 8260
B155	B155 (6-12")	4475.28	(6-12")	5/11/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B155	B155 (24")	4475.29	(24")	5/11/1999	Soil	VOCs	Method 8260
B156	B156 (6-12")	4475.3	(6-12")	5/11/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B156	B156 (24")	4475.31	(24")	5/11/1999	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-2 Landfill
Fort Monmouth, New Jersey

Boring ID	Field Sample ID	Lab Sample ID	Depth	Date Collected	Matrix	Analytical Parameters	Analytical Methods
B157	B157 (6-12")	4475.32	(6-12")	5/11/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B157	B157 (24")	4475.33	(24")	5/11/1999	Soil	VOCs	Method 8260
B158	B158 (6-12")	4485.02	(6-12")	5/14/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B158	B158 (24")	4485.03	(24")	5/14/1999	Soil	VOCs	Method 8260
B159	B159 (6-12")	4485.04	(6-12")	5/14/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B159	B159 (24")	4485.05	(24")	5/14/1999	Soil	VOCs	Method 8260
B160	B160 (6-12")	4485.06	(6-12")	5/14/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B160	B160 (24")	4485.07	(24")	5/14/1999	Soil	VOCs	Method 8260
B161	B161 (6-12")	4485.08	(6-12")	5/14/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B161	B161 (24")	4485.09	(24")	5/14/1999	Soil	VOCs	Method 8260
B162	B162 (6-12")	4485.1	(6-12")	5/14/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B162	B162 (24")	4485.11	(24")	5/14/1999	Soil	VOCs	Method 8260
B163	B163 (6-12")	4485.12	(6-12")	5/14/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B163	B163 (24")	4485.13	(24")	5/14/1999	Soil	VOCs	Method 8260
B164	B164 (6-12")	4485.14	(6-12")	5/14/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B164	B164 (24")	4485.15	(24")	5/14/1999	Soil	VOCs	Method 8260
B165	B165 (6-12")	4485.16	(6-12")	5/14/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B165	B165 (24")	4485.17	(24")	5/14/1999	Soil	VOCs	Method 8260
B166	B166 (6-12")	4485.18	(6-12")	5/14/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B166	B166 (24")	4485.19	(24")	5/14/1999	Soil	VOCs	Method 8260
B167	B167 (6-12")	4485.2	(6-12")	5/14/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B167	B167 (24")	4485.21	(24")	5/14/1999	Soil	VOCs	Method 8260
B168	B168 (6-12")	4485.22	(6-12")	5/14/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B168	B168 (24")	4485.23	(24")	5/14/1999	Soil	VOCs	Method 8260
B169	B169 (6-12")	4485.24	(6-12")	5/14/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B169	B169 (24")	4485.25	(24")	5/14/1999	Soil	VOCs	Method 8260
B170	B170 (6-12")	4485.26	(6-12")	5/14/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B170	B170 (24")	4485.27	(24")	5/14/1999	Soil	VOCs	Method 8260
B171	B171 (6-12")	4491.02	(6-12")	5/17/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B171	B171 (24")	4491.03	(24")	5/17/1999	Soil	VOCs	Method 8260
B172	B172 (6-12")	4491.04	(6-12")	5/17/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B172	B172 (24")	4491.05	(24")	5/17/1999	Soil	VOCs	Method 8260
B173	B173 (6-12")	4491.06	(6-12")	5/17/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B173	B173 (24")	4491.07	(24")	5/17/1999	Soil	VOCs	Method 8260
B174	B174 (6-12")	4491.08	(6-12")	5/17/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B174	B174 (24")	4491.09	(24")	5/17/1999	Soil	VOCs	Method 8260
B175	B175 (6-12")	4491.1	(6-12")	5/17/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B175	B175 (24")	4491.11	(24")	5/17/1999	Soil	VOCs	Method 8260
B176	B176 (6-12")	4491.12	(6-12")	5/17/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B176	B176 (24")	4491.13	(24")	5/17/1999	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-2 Landfill
Fort Monmouth, New Jersey

Boring ID	Field Sample ID	Lab Sample ID	Depth	Date Collected	Matrix	Analytical Parameters	Analytical Methods
B177	B177 (6-12")	4491.14	(6-12")	5/17/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B177	B177 (24")	4491.15	(24")	5/17/1999	Soil	VOCs	Method 8260
B178	B178 (6-12")	4491.16	(6-12")	5/17/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B178	B178 (24")	4491.17	(24")	5/17/1999	Soil	VOCs	Method 8260
B179	B179 (6-12")	4491.18	(6-12")	5/17/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B179	B179 (24")	4491.19	(24")	5/17/1999	Soil	VOCs	Method 8260
B180	B180 (6-12")	4491.2	(6-12")	5/17/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B180	B180 (24")	4491.21	(24")	5/17/1999	Soil	VOCs	Method 8260
B181	B181 (6-12")	4491.22	(6-12")	5/17/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B181	B181 (24")	4491.23	(24")	5/17/1999	Soil	VOCs	Method 8260
B182	B182 (6-12")	4491.24	(6-12")	5/17/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B182	B182 (24")	4491.25	(24")	5/17/1999	Soil	VOCs	Method 8260
B183	B183 (6-12")	4491.26	(6-12")	5/17/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B183	B183 (24")	4491.27	(24")	5/17/1999	Soil	VOCs	Method 8260
B184	B184 (6-12")	4491.28	(6-12")	5/17/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B184	B184 (24")	4491.29	(24")	5/17/1999	Soil	VOCs	Method 8260
B185	B185 (6-12")	4494.02	(6-12")	5/18/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B185	B185 (24")	4494.03	(24")	5/18/1999	Soil	VOCs	Method 8260
B186	B186 (6-12")	4494.04	(6-12")	5/18/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B186	B186 (24")	4494.05	(24")	5/18/1999	Soil	VOCs	Method 8260
B187	B187 (6-12")	4494.06	(6-12")	5/18/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B187	B187 (24")	4494.07	(24")	5/18/1999	Soil	VOCs	Method 8260
B188	B188 (6-12")	4494.08	(6-12")	5/18/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B188	B188 (24")	4494.09	(24")	5/18/1999	Soil	VOCs	Method 8260
B189	B189 (6-12")	4494.1	(6-12")	5/18/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B189	B189 (24")	4494.11	(24")	5/18/1999	Soil	VOCs	Method 8260
B190	B190 (6-12")	4494.12	(6-12")	5/18/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B190	B190 (24")	4494.13	(24")	5/18/1999	Soil	VOCs	Method 8260
B191	B191 (6-12")	4494.14	(6-12")	5/18/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B191	B191 (24")	4494.15	(24")	5/18/1999	Soil	VOCs	Method 8260
B192	B192 (6-12")	4494.16	(6-12")	5/18/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B192	B192 (24")	4494.17	(24")	5/18/1999	Soil	VOCs	Method 8260
B193	B193 (6-12")	4494.18	(6-12")	5/18/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B193	B193 (24")	4494.19	(24")	5/18/1999	Soil	VOCs	Method 8260
B194	B194 (6-12")	4494.2	(6-12")	5/18/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B194	B194 (24")	4494.21	(24")	5/18/1999	Soil	VOCs	Method 8260
B195	B195 (6-12")	4527.02	(6-12")	6/1/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B195	B195 (24")	4527.03	(24")	6/1/1999	Soil	VOCs	Method 8260
B196	B196 (6-12")	4527.04	(6-12")	6/1/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B196	B196 (24")	4527.05	(24")	6/1/1999	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-2 Landfill
Fort Monmouth, New Jersey

Boring ID	Field Sample ID	Lab Sample ID	Depth	Date Collected	Matrix	Analytical Parameters	Analytical Methods
B197	B197 (6-12")	4527.06	(6-12")	6/1/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B197	B197 (24")	4527.07	(24")	6/1/1999	Soil	VOCs	Method 8260
B198	B198 (6-12")	4527.08	(6-12")	6/1/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B198	B198 (24")	4527.09	(24")	6/1/1999	Soil	VOCs	Method 8260
B199	B199 (6-12")	4527.1	(6-12")	6/1/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B199	B199 (24")	4527.11	(24")	6/1/1999	Soil	VOCs	Method 8260
B200	B200 (6-12")	4527.12	(6-12")	6/1/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B200	B200 (24")	4527.13	(24")	6/1/1999	Soil	VOCs	Method 8260
B201	B201 (6-12")	4527.14	(6-12")	6/1/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B201	B201 (24")	4527.15	(24")	6/1/1999	Soil	VOCs	Method 8260
B202	B202 (6-12")	4527.16	(6-12")	6/1/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B202	B202 (24")	4527.17	(24")	6/1/1999	Soil	VOCs	Method 8260
B203	B203 (6-12")	4527.18	(6-12")	6/1/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B203	B203 (24")	4527.19	(24")	6/1/1999	Soil	VOCs	Method 8260
B204	B204 (6-12")	4530.02	(6-12")	6/2/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B204	B204 (24")	4530.03	(24")	6/2/1999	Soil	VOCs	Method 8260
B205	B205 (6-12")	4530.04	(6-12")	6/2/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B205	B205 (24")	4530.05	(24")	6/2/1999	Soil	VOCs	Method 8260
B206	B206 (6-12")	4530.06	(6-12")	6/2/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B206	B206 (24")	4530.07	(24")	6/2/1999	Soil	VOCs	Method 8260
B207	B207 (6-12")	4530.08	(6-12")	6/2/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B207	B207 (24")	4530.09	(24")	6/2/1999	Soil	VOCs	Method 8260
B208	B208 (6-12")	4530.1	(6-12")	6/2/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B208	B208 (24")	4530.11	(24")	6/2/1999	Soil	VOCs	Method 8260
B209	B209 (6-12")	4530.12	(6-12")	6/2/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B209	B209 (24")	4530.13	(24")	6/2/1999	Soil	VOCs	Method 8260
B210	B210 (6-12")	4530.14	(6-12")	6/2/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B210	B210 (24")	4530.15	(24")	6/2/1999	Soil	VOCs	Method 8260
B211	B211 (6-12")	4530.16	(6-12")	6/2/1999	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B211	B211 (24")	4530.17	(24")	6/2/1999	Soil	VOCs	Method 8260

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Table 4-1
Soil Sampling Analytical Results
M-2 Landfill Site
Fort Monmouth, New Jersey

Lab Sample ID	NJDEP Cleanup Criteria (mg/kg)	4286.02	4286.03	4286.04	4286.05	4286.06	4286.07	4295.02	4295.03	4295.04	4295.05	4295.06	4295.07	4298.02	4298.03	4298.04	4298.05
Field Sample Location		B4 (6-12")	B4 (24")	B5 (6-12")	B5 (24")	B6 (6-12")	B6 (24")	B13 (6-12")	B13 (24")	B14 (6-12")	B14 (24")	B15 (6-12")	B15 (24")	B19 (6-12")	B19 (24")	B20 (6-12")	B20 (24")
Sample Date		2/19/1999	2/19/1999	2/19/1999	2/19/1999	2/19/1999	2/19/1999	2/23/1999	2/23/1999	2/23/1999	2/23/1999	2/23/1999	2/23/1999	2/24/1999	2/24/1999	2/24/1999	2/24/1999
Volatiles (mg/kg)																	
Acetone	1000		ND		ND		ND		ND		ND		ND		ND		ND
Methylene Chloride	49		0.87		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
Semi-Volatiles (mg/kg)																	
Naphthalene	230	ND		ND		ND		ND		ND		ND		ND		ND	
2-Methylnaphthalene	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthylene	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthene	3400	ND		ND		ND		ND		ND		ND		ND		ND	
Dibenzofuran	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Diethylphthalate	10,000	ND		ND		ND		ND		ND		ND		ND		ND	
Fluorene	2300	ND		ND		ND		ND		ND		ND		ND		ND	
Azobenzene	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Phenanthrene	NLE	ND		ND		ND		ND		0.39 J		ND		ND		ND	
Anthracene	10,000	ND		ND		ND		ND		ND		ND		ND		ND	
Di-n-butylphthalate	5700	0.28JB		0.28JB		0.84JB		0.74JB		1.3B		0.43JB		0.88JB		0.68JB	
Fluoranthene	2300	ND		ND		0.17J		ND		0.46J		ND		ND		ND	
Pyrene	1700	ND		ND		0.15 J		ND		0.46 J		ND		ND		ND	
Benzo[a]anthracene	0.9	ND		ND		ND		ND		0.22J		ND		ND		ND	
Chrysene	9	ND		ND		0.17J		ND		0.44J		ND		ND		ND	
bis(2-Ethylhexyl)phthalate	49	0.23JB		0.12JB		0.14JB		0.11J		0.16 J		0.21J		0.14J		0.16J	
Benzo[b]fluoranthene	0.9	ND		ND		ND		ND		0.16J		ND		ND		ND	
Benzo[k]fluoranthene	0.9	ND		ND		ND		ND		0.18J		ND		ND		ND	
Benzo[a]pyrene	0.66	ND		ND		ND		ND		0.2J		ND		ND		ND	
Indeno[1,2,3-cd]pyrene	0.9	ND		ND		ND		ND		0.12 J		ND		ND		ND	
Dibenz[a,h]anthracene	0.66	ND		ND		ND		ND		ND		ND		ND		ND	
Benzo[g,h,I]perylene	NLE	ND		ND		ND		ND		0.13J		ND		ND		ND	
Pesticides/PCBs (mg/kg)																	
gamma-BHC	0.52	ND		ND		ND		ND		ND		ND		ND		ND	
Heptachlor Epoxide	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDE	2	ND		0.016		0.019		ND		0.069		0.072		0.11		0.012	
Dieldrin	0.042	ND		ND		ND		ND		ND		0.03		ND		ND	
Endrin	17	ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDD	3	ND		ND		0.021		ND		0.069		0.113		0.04		0.032	
4,4'-DDT	2	ND		0.04		ND		ND		0.079		ND		0.176		ND	
gamma-Chlordane	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
alpha-Chlordane	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1016	0.49	ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1242	0.49	ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1248	0.49	ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1254	0.49	**1.0**		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1260	0.49	ND		ND		ND		ND		ND		ND		ND		ND	
Metals (mg/kg)																	
Aluminum	NLE	8220		3930		14800		4850		11100		17400		4370		5320	
Antimony	14	1.1		1.4		0.941		0.653		0.919		2.04		0.48		0.527	
Arsenic	20	8.01		11.2		12.7		5.41		12.3		**22.5**		2.22		3.68	
Barium	700	29.6		12.9		46.3		9.51		68.3		198		7.44		12.6	
Beryllium	2	0.871		0.488		1.49		0.492		**2.11**		**2.67**		0.177		0.394	
Cadmium	39	0.245		0.525		0.506		0.158		0.674		4.17		0.384		0.248	
Calcium	NLE	521		275		1900		212		1030		1830		92.4		372	
Chromium	NLE	99.3		69.6		88.9		81.5		106		182		19.4		29.7	
Cobalt	NLE	2.1		2.26		3.81		0.918		3.72		8.88		0.86		1.08	
Copper	600	41.3		29.6		16.4		7.61		35.6		391		66.6		69.8	
Iron	NLE	26000		16700		39900		18800		34000		74600		7890		12000	
Lead	400	31.7		28.9		21.1		8.5		48.7		187		4.46		27.7	
Magnesium	NLE	1930		986		3310		1170		2650		4490		437		742	
Manganese	NLE	51.5		2450		89.5		14		49.1		242		12.3		13.2	
Mercury	14	1.58		0.39		0.14		0.64		0.61		4.73		0.09		0.04	
Nickel	250	6.59		7.16		15.1		3.11		15.4		32.8		2.51		3.55	
Potassium	NLE	4450		2430		6950		3040		5140		8990		849		1530	
Selenium	63	1.03		1.66		0.727		0.65		1.31		2.53		ND		ND	
Silver	110	ND		ND		ND		ND		ND		ND		ND		ND	
Sodium	NLE	171		80.2		110		58.6		76.4		164		146		223	
Thallium	2	ND		ND		ND		ND		ND		ND		ND		ND	
Vanadium	370	78.9		51.7		60.3		69.7		58.5		91.5		17.9		23.7	
Zinc	1500	122		**2720**		242		42.8		187		605		9.61		41	

Notes:
All concentrations in milligrams per kilogram (mg/kg)
E = Value exceeded linear range
D = Value from dilution
B = Compound in related blank
NS:= Not Sampled
ND:= Analyte not detected in sample
NLE:= No cleanup standard exists for this analyte
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.
N = Presumptive evidence of a compound
*Resample for 4443.08 for Pest/PCB ref#4526.01 B100

Table 4-1
Soil Sampling Analytical Results
M-2 Landfill Site
Fort Monmouth, New Jersey

Lab Sample ID	NJDEP Cleanup Criteria (mg/kg)	4298.06	4298.07	4298.08	4298.09	4298.10	4298.11	4298.12	4298.13	4327.02	4327.03	4327.04	4327.05	4327.06	4327.07	4331.02	4331.03
Field Sample Location		B21 (6-12")	B21 (24")	B25 (6-12")	B25 (24")	B26 (6-12")	B26 (24")	B27 (6-12")	B27 (24")	B31 (6-12")	B31 (24")	B32 (6-12")	B32 (24")	B33 (6-12")	B33 (24")	B34 (6-12")	B34 (24")
Sample Date		2/24/1999	2/24/1999	2/24/1999	2/24/1999	2/24/1999	2/24/1999	2/24/1999	2/24/1999	3/8/1999	3/8/1999	3/8/1999	3/8/1999	3/8/1999	3/8/1999	3/9/1999	3/9/1999
Volatiles (mg/kg)																	
Acetone	1000		ND		ND		ND		ND		ND		ND		ND		ND
Methylene Chloride	49		0.68		ND		ND		ND		8.10		1.50		1.80		1.20
Toluene	1000		ND		ND		ND		ND		ND		ND		ND		ND
Chlorobenzene	37		ND		ND		ND		ND		ND		ND		ND		ND
Semi-Volatiles (mg/kg)																	
Naphthalene	230	ND		ND		ND		ND		0.64 J		ND		ND		ND	
2-Methylnaphthalene	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthylene	NLE	0.42J		ND		ND		ND		ND		ND		ND		ND	
Acenaphthene	3400	ND		ND		ND		ND		ND		ND		ND		ND	
Dibenzofuran	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Diethylphthalate	10,000	ND		ND		ND		0.11 J		0.32JB		ND		ND		ND	
Fluorene	2300	ND		ND		ND		ND		ND		ND		ND		ND	
Azobenzene	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Phenanthrene	NLE	ND		ND		0.14 J		ND		0.32 J		0.11 J		0.24 J		ND	
Anthracene	10,000	0.3J		ND		ND		ND		ND		ND		ND		ND	
Di-n-butylphthalate	5700	1.3B		1.1JB		0.21JB		0.29JB		1.2JB		0.64JB		0.58JB		0.36JB	
Fluoranthene	2300	1.4		ND		0.24J		0.22J		0.6 J		0.17J		0.42 J		0.14J	
Pyrene	1700	1.9		ND		0.26 J		0.23 J		0.67 J		0.15 J		0.37 J		0.15 J	
Benzo[a]anthracene	0.9	**2.7**		ND		0.14J		0.15 J		0.34 J		ND		0.18 J		ND	
Chrysene	9	6.3		ND		0.31J		0.34 J		0.68J		0.17J		0.36 J		0.16 J	
bis(2-Ethylhexyl)phthalate	49	0.18J		0.22J		0.2J		0.28 J		0.53JB		0.13JB		0.2JB		0.19JB	
Benzo[b]fluoranthene	0.9	**4.5**		ND		0.2J		0.22 J		0.34 J		ND		0.17 J		ND	
Benzo[k]fluoranthene	0.9	**3.1**		ND		0.17J		0.28 J		0.4 J		ND		0.18 J		ND	
Benzo[a]pyrene	0.66	**2.9**		ND		0.17J		0.19 J		0.39 J		ND		0.19 J		ND	
Indeno[1,2,3-cd]pyrene	0.9	**1.5**		ND		ND		0.12 J		0.21 J		ND		ND		ND	
Dibenz[a,h]anthracene	0.66	**0.81J**		ND		ND		ND		ND		ND		ND		ND	
Benzo[g,h,I]perylene	NLE	1.5		ND		0.12J		0.12 J		0.2 J		ND		0.12 J		ND	
Pesticides/PCBs (mg/kg)																	
gamma-BHC	0.52	ND		ND		ND		ND		ND		ND		ND		ND	
Heptachlor Epoxide	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDE	2	0.128		0.063		0.22		0.05		0.052		0.041		0.015		0.028	
Dieldrin	0.042	ND		ND		ND		ND		0.040		0.014		ND		ND	
Endrin	17	ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDD	3	0.078		ND		0.086		0.021		0.042		0.092		0.022		0.031	
4,4'-DDT	2	0.199		0.092		0.61		0.064		0.044		0.037		ND		ND	
gamma-Chlordane	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
alpha-Chlordane	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1016	0.49	ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1242	0.49	ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1248	0.49	ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1254	0.49	ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1260	0.49	ND		ND		ND		ND		ND		ND		ND		ND	
Metals (mg/kg)																	
Aluminum	NLE	11400		16300		9000		7550		25400		10400		13000		9360	
Antimony	14	0.527		0.492		0.555		0.54		2.48		2.31		ND		ND	
Arsenic	20	10.8		19		10.2		8.33		**37.7**		10.2		16.3		11	
Barium	700	54.3		28		45.6		40		226		40.6		73.1		109	
Beryllium	2	1.31		1.53		0.954		0.823		**7.22**		1.25		1.85		1.42	
Cadmium	39	0.181		ND		**505**		0.58		11.4		0.917		ND		ND	
Calcium	NLE	2050		434		2680		1970		2750		1500		958		1320	
Chromium	NLE	145		153		98.7		76.8		165		379		228		156	
Cobalt	NLE	1.55		1.86		3.33		1.56		35.9		2.46		0.948		1.2	
Copper	600	71.5		72.6		161		64.2		337		153		66.5		48.2	
Iron	NLE	35900		42600		29900		24500		118000		25900		51200		34500	
Lead	400	62.4		31.6		80.1		38.4		163		**897**		20.6		9.81	
Magnesium	NLE	4990		5230		4670		2820		3740		2480		7330		4770	
Manganese	NLE	57.4		51.1		117		65.4		775		23.5		24.7		28.5	
Mercury	14	0.15		0.05		0.24		0.13		1.87		1.07		0.04		0.04	
Nickel	250	6.69		7.38		9.68		5.39		100		14.1		4.79		5.19	
Potassium	NLE	10600		11200		7280		5980		7240		5350		17800		11200	
Selenium	63	0.977		1.29		0.863		0.982		3.72		0.704		1.4		1.09	
Silver	110	ND		ND		ND		ND		ND		1.15		ND		ND	
Sodium	NLE	140		155		236		126		233		208		128		141	
Thallium	2	ND		ND		ND		ND		ND		ND		ND		ND	
Vanadium	370	60.3		81.9		53.3		41.5		123		49.7		82.4		51.7	
Zinc	1500	140		50.4		102		66.9		683		106		72.6		65.4	

Notes:
All concentrations in milligrams per kilogram (mg/kg)
E = Value exceeded linear range
D = Value from dilution
B = Compound in related blank
NS:= Not Sampled
ND:= Analyte not detected in sample
NLE:= No cleanup standard exists for this analyte
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.
N = Presumptive evidence of a compound
*Resample for 4443.08 for Pest/PCB ref#4526.01 B100

Table 4-1
Soil Sampling Analytical Results
M-2 Landfill Site
Fort Monmouth, New Jersey

Lab Sample ID	NJDEP Cleanup Criteria (mg/kg)	4331.04	4331.05	4331.06	4331.07	4331.08	4331.09	4335.02	4335.03	4335.04	4335.05	4335.06	4335.07	4335.08	4335.09	4335.10	4335.11
Field Sample Location		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")	B41 (6-12")	B41 (24")	B42 (6-12")	B42 (24")
Sample Date		3/9/1999	3/9/1999	3/9/1999	3/9/1999	3/9/1999	3/9/1999	3/10/1999	3/10/1999	3/10/1999	3/10/1999	3/10/1999	3/10/1999	3/10/1999	3/10/1999	3/10/1999	3/10/1999
Volatiles (mg/kg)																	
Acetone	1000		ND		ND		ND		ND		ND		ND		ND		ND
Methylene Chloride	49		ND		ND		ND		ND		ND		ND		ND		ND
Toluene	1000		ND		ND		ND		ND		0.58		ND		ND		ND
Chlorobenzene	37		1.50		ND		ND		ND		ND		ND		ND		ND
Semi-Volatiles (mg/kg)																	
Naphthalene	230	ND		ND		ND		ND		ND		ND		ND		ND	
2-Methylnaphthalene	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthylene	NLE	ND		ND		ND		ND		ND		ND		ND		0.21J	
Acenaphthene	3400	ND		ND		ND		ND		ND		ND		ND		ND	
Dibenzofuran	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Diethylphthalate	10,000	ND		ND		ND		ND		ND		ND		ND		ND	
Fluorene	2300	ND		ND		ND		ND		ND		ND		ND		0.16J	
Azobenzene	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Phenanthrene	NLE	ND		0.3 J		ND		0.23 J		ND		0.18 J		0.15 J		2.4	
Anthracene	10,000	ND		ND		ND		ND		ND		ND		ND		0.7J	
Di-n-butylphthalate	5700	0.62JB		0.6JB		ND		1.6B		0.89JB		0.4JB		1.1JB		0.33JB	
Fluoranthene	2300	0.19 J		0.46 J		ND		0.2 J		ND		0.21 J		0.17 J		5.5	
Pyrene	1700	0.15 J		0.37 J		ND		0.27 J		ND		0.25 J		0.19 J		4.1	
Benzo[a]anthracene	0.9	ND		0.2 J		ND		0.12 J		ND		0.11 J		ND		**2.2**	
Chrysene	9	0.17 J		0.35 J		ND		0.28 J		ND		0.24 J		0.2 J		3.7	
bis(2-Ethylhexyl)phthalate	49	0.18JB		0.29JB		ND		0.22JB		ND		0.14JB		0.14JB		0.15JB	
Benzo[b]fluoranthene	0.9	ND		0.21 J		ND		ND		ND		ND		ND		**2.1**	
Benzo[k]fluoranthene	0.9	0.12 J		0.18 J		ND		0.12 J		ND		ND		ND		**1.8**	
Benzo[a]pyrene	0.66	ND		0.21 J		ND		0.12 J		ND		0.12 J		ND		**2.2**	
Indeno[1,2,3-cd]pyrene	0.9	ND		0.14 J		ND		ND		ND		ND		ND		**1.3**	
Dibenz[a,h]anthracene	0.66	ND		ND		ND		ND		ND		ND		ND		0.64J	
Benzo[g,h,I]perylene	NLE	ND		0.14 J		ND		ND		ND		ND		ND		1.3	
Pesticides/PCBs (mg/kg)																	
gamma-BHC	0.52	ND		ND		ND		ND		ND		ND		ND		ND	
Heptachlor Epoxide	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDE	2	0.02		0.027		ND		0.048		0.015		0.083		0.04		0.029	
Dieldrin	0.042	ND		ND		ND		ND		ND		ND		ND		ND	
Endrin	17	ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDD	3	ND		0.062		ND		0.035		0.022		0.087		0.059		0.023	
4,4'-DDT	2	ND		0.126		ND		0.187		ND		ND		ND		ND	
gamma-Chlordane	NLE	ND		0.029		ND		ND		ND		ND		ND		0.013	
alpha-Chlordane	NLE	ND		0.024		ND		ND		ND		ND		ND		ND	
Arochlor 1016	0.49	ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1242	0.49	ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1248	0.49	ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1254	0.49	ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1260	0.49	ND		ND		ND		ND		ND		ND		ND		ND	
Metals (mg/kg)																	
Aluminum	NLE	7460		4470		5850		9820		18400		9770		8030		12200	
Antimony	14	ND		0.698		0.571		ND		ND		ND		ND		ND	
Arsenic	20	7.62		5.81		4.3		11.4		11.7		10.3		10.3		13.5	
Barium	700	22.2		15.8		22.1		54.1		117		64.3		58.1		77.8	
Beryllium	2	0.649		0.366		0.504		1.31		**2.71**		1.39		1.11		1.81	
Cadmium	39	0.207		0.322		4.97		26.3		0.166		1.17		ND		ND	
Calcium	NLE	885		767		461		1050		1810		4230		862		1630	
Chromium	NLE	66.1		40.7		49.7		132		326		143		125		191	
Cobalt	NLE	1.45		1.13		1.09		1.31		0.756		1.73		1.45		1.72	
Copper	600	44		45.6		43.2		54.8		43.6		45.7		41.2		46.2	
Iron	NLE	18900		13400		14400		30800		60200		31900		31700		44000	
Lead	400	18.6		16.4		3.88		17.3		4.27		19.2		26.4		17.8	
Magnesium	NLE	1700		726		1520		3950		10600		4410		3860		6130	
Manganese	NLE	41.9		21.2		20.1		32.5		33.1		27.3		17.9		42.7	
Mercury	14	0.09		0.05		0.04		0.08		0.03		0.07		0.05		0.03	
Nickel	250	5.08		4.57		3.04		4.87		5.1		8.43		9.16		6.54	
Potassium	NLE	4040		1450		3400		9150		25800		10300		8540		14400	
Selenium	63	ND		ND		ND		1.13		2.01		1.07		1.19		1.25	
Silver	110	ND		ND		ND		ND		ND		ND		ND		ND	
Sodium	NLE	194		96.8		75.9		124		243		188		124		176	
Thallium	2	ND		ND		ND		ND		ND		ND		ND		ND	
Vanadium	370	51.2		37.5		28.7		58.6		116		58.4		49.8		70.6	
Zinc	1500	44.6		38.2		20.8		57.4		122		61.5		41.6		95.6	

Notes:
All concentrations in milligrams per kilogram (mg/kg)
E = Value exceeded linear range
D = Value from dilution
B = Compound in related blank
NS:= Not Sampled
ND:= Analyte not detected in sample
NLE:= No cleanup standard exists for this analyte
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.
N = Presumptive evidence of a compound
*Resample for 4443.08 for Pest/PCB ref#4526.01 B100

Table 4-1
Soil Sampling Analytical Results
M-2 Landfill Site
Fort Monmouth, New Jersey

Lab Sample ID	NJDEP Cleanup Criteria (mg/kg)	4340.02	4340.03	4340.04	4340.05	4349.02	4349.03	4349.04	4349.05	4349.06	4349.07	4349.08	4349.09	4356.02	4356.03	4356.04	4356.05
Field Sample Location		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")	B50 (6-12")	B50 (24")
Sample Date		3/11/1999	3/11/1999	3/11/1999	3/11/1999	3/16/1999	3/16/1999	3/16/1999	3/16/1999	3/16/1999	3/16/1999	3/16/1999	3/16/1999	3/17/1999	3/17/1999	3/17/1999	3/17/1999
Volatiles (mg/kg)																	
Acetone	1000		ND		ND		ND		ND		ND		ND		ND		ND
Methylene Chloride	49		ND		ND		ND		ND		ND		ND		ND		ND
Toluene	1000		ND		ND		ND		ND		ND		ND		ND		ND
Chlorobenzene	37		ND		ND		ND		ND		ND		ND		ND		ND
Semi-Volatiles (mg/kg)																	
Naphthalene	230	ND		ND		ND		ND		ND		ND		ND		ND	
2-Methylnaphthalene	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthylene	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthene	3400	ND		0.16J		ND		ND		ND		ND		ND		ND	
Dibenzofuran	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Diethylphthalate	10,000	ND		ND		ND		ND		ND		ND		ND		ND	
Fluorene	2300	ND		0.13 J		ND		ND		ND		ND		ND		ND	
Azobenzene	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Phenanthrene	NLE	ND		1.2		0.18 J		0.3 J		ND		0.14 J		ND		0.2 J	
Anthracene	10,000	ND		0.35 J		ND		ND		ND		ND		ND		ND	
Di-n-butylphthalate	5700	0.98JB		0.38JB		0.3JB		0.76JB		038JB		0.55JB		0.38JB		0.7JB	
Fluoranthene	2300	0.13 J		1.8		0.38 J		0.27 J		0.15 J		0.23 J		ND		0.37 J	
Pyrene	1700	0.15 J		1.5		0.36 J		0.39 J		0.18 J		0.25 J		0.17 J		0.42 J	
Benzo[a]anthracene	0.9	ND		0.84 J		0.19J		0.19 J		ND		0.14 J		0.18 J		0.26 J	
Chrysene	9	0.19 J		1.5		0.38 J		0.4 J		0.61 J		0.28 J		0.61 J		0.53 J	
bis(2-Ethylhexyl)phthalate	49	0.15JB		0.15JB		ND		0.32JB		ND		0.19JB		ND		0.19JB	
Benzo[b]fluoranthene	0.9	ND		0.7 J		0.2 J		0.12 J		0.13 J		0.14 J		0.32 J		0.29 J	
Benzo[k]fluoranthene	0.9	ND		0.81 J		0.24 J		0.16 J		0.14 J		0.16 J		0.29 J		0.21 J	
Benzo[a]pyrene	0.66	0.14 J		**0.86 J**		0.21 J		0.17 J		0.66 J		0.17 J		0.17 J		0.31 J	
Indeno[1,2,3-cd]pyrene	0.9	ND		0.48 J		0.14 J		ND		ND		ND		0.14 J		0.21 J	
Dibenz[a,h]anthracene	0.66	ND		0.22 J		ND		ND		ND		ND		ND		ND	
Benzo[g,h,I]perylene	NLE	ND		0.49 J		0.15 J		0.12 J		0.16 J		ND		0.13 J		0.32 J	
Pesticides/PCBs (mg/kg)																	
gamma-BHC	0.52	ND		ND		ND		ND		0.009		ND		ND		ND	
Heptachlor Epoxide	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDE	2	0.078		0.041		0.095		0.098		0.05		0.032		0.158		0.109	
Dieldrin	0.042	**0.091**		ND		ND		0.015		0.019		ND		**0.074**		ND	
Endrin	17	ND		ND		ND		ND		0.019		ND		ND		ND	
4,4'-DDD	3	0.173		0.043		ND		0.116		0.038		0.029		0.195		0.133	
4,4'-DDT	2	0.047		ND		ND		0.058		0.305		ND		0.105		0.116	
gamma-Chlordane	NLE	ND		ND		ND		ND		ND		0.021		ND		ND	
alpha-Chlordane	NLE	ND		ND		ND		ND		ND		0.017		ND		ND	
Arochlor 1016	0.49	ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1242	0.49	ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1248	0.49	ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1254	0.49	ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1260	0.49	ND		ND		ND		ND		ND		ND		ND		0.329	
Metals (mg/kg)																	
Aluminum	NLE	12200		7990		11600		8680		11400		8380		12500		6730	
Antimony	14	1.34		ND		ND		ND		0.475		ND		ND		ND	
Arsenic	20	7.23		7.93		9.04		15		13.2		13.9		12.4		7.92	
Barium	700	34.6		53		95		54.9		47.7		69.6		27.1		54.3	
Beryllium	2	1.73		1.12		**2.03**		1.15		1.52		1.32		1.47		1.16	
Cadmium	39	ND		0.30		0.756		ND		ND		0.431		ND		ND	
Calcium	NLE	1260		1280		1740		1040		1770		1570		1920		907	
Chromium	NLE	160		108		196		126		139		118		163		89.3	
Cobalt	NLE	1.14		1.12		1.65		1.27		1.53		1.26		2.29		1.01	
Copper	600	383		38.4		35.6		27.2		34.6		44		11.6		6.23	
Iron	NLE	36600		24200		44500		31400		40400		29900		37700		23000	
Lead	400	38.1		17.6		16.2		20		16.2		28.3		21.7		15.8	
Magnesium	NLE	5030		3300		6620		3840		4960		3870		4610		2530	
Manganese	NLE	14.7		26.5		27.3		21.4		29.6		40.3		41.4		19.9	
Mercury	14	0.39		0.07		0.22		0.10		0.06		0.05		0.089		0.052	
Nickel	250	6.95		5.24		11.1		5.35		7.59		5.7		8.21		5.1	
Potassium	NLE	12200		7630		15200		8900		11700		9240		11100		6300	
Selenium	63	ND		1.09		1.7		1.72		0.818		1.63		2.02		1.67	
Silver	110	ND		ND		ND		ND		ND		ND		ND		ND	
Sodium	NLE	106		195		207		292		147		178		253		97.9	
Thallium	2	ND		ND		ND		ND		ND		ND		ND		ND	
Vanadium	370	74.4		47.4		85.9		51.3		76.4		43		45.2		30.9	
Zinc	1500	48.7		62.1		240		49.2		76.8		82.4		91.8		54.6	

Notes:
All concentrations in milligrams per kilogram (mg/kg)
E = Value exceeded linear range
D = Value from dilution
B = Compound in related blank
NS:= Not Sampled
ND:= Analyte not detected in sample
NLE:= No cleanup standard exists for this analyte
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.
N = Presumptive evidence of a compound
*Resample for 4443.08 for Pest/PCB ref#4526.01 B100

Table 4-1
Soil Sampling Analytical Results
M-2 Landfill Site
Fort Monmouth, New Jersey

Lab Sample ID	NJDEP Cleanup Criteria (mg/kg)	4356.06	4356.07	4356.08	4356.09	4356.10	4356.11	4356.12	4356.13	4356.14	4356.15	4359.02	4359.03	4359.04	4359.05	4359.06	4359.07
Field Sample Location		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")
Sample Date		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	3/18/1999	3/18/1999
Volatiles (mg/kg)																	
Acetone	1000		ND		ND		ND		ND		ND		ND		ND		ND
Methylene Chloride	49		ND		ND		ND		ND		ND		ND		ND		ND
Toluene	1000		ND		ND		ND		ND		ND		ND		ND		ND
Chlorobenzene	37		ND		ND		ND		ND		ND		ND		ND		ND
Semi-Volatiles (mg/kg)																	
Naphthalene	230	ND		ND		ND		ND		ND		ND		ND		ND	
2-Methylnaphthalene	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthylene	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthene	3400	ND		ND		ND		ND		ND		ND		ND		ND	
Dibenzofuran	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Diethylphthalate	10,000	ND		ND		ND		ND		ND		ND		ND		ND	
Fluorene	2300	ND		ND		ND		ND		ND		ND		ND		ND	
Azobenzene	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Phenanthrene	NLE	ND		ND		0.13 J		ND		ND		ND		ND		0.25 J	
Anthracene	10,000	ND		ND		ND		ND		ND		ND		ND		ND	
Di-n-butylphthalate	5700	0.16JB		0.83 JB		ND		0.64 JB		0.43JB		0.13JB		0.4JB		0.15JB	
Fluoranthene	2300	0.15 J		ND		0.20 J		ND		0.78 J		0.23 J		ND		0.46 J	
Pyrene	1700	0.19 J		ND		0.27 J		ND		0.63 J		0.22 J		ND		0.4 J	
Benzo[a]anthracene	0.9	ND		ND		ND		ND		0.88 J		0.13 J		ND		0.22 J	
Chrysene	9	0.18 J		ND		0.20 J		ND		1.5		0.22 J		ND		0.42 J	
bis(2-Ethylhexyl)phthalate	49	0.15JB		ND		ND		0.15 JB		0.14 J		0.19 J		0.15 J		0.13 J	
Benzo[b]fluoranthene	0.9	ND		ND		ND		ND		**1.1 J**		ND		ND		0.25 J	
Benzo[k]fluoranthene	0.9	ND		ND		ND		ND		**0.97 J**		ND		ND		0.2 J	
Benzo[a]pyrene	0.66	ND		ND		ND		ND		**1.0 J**		0.12 J		ND		0.24 J	
Indeno[1,2,3-cd]pyrene	0.9	ND		ND		ND		ND		0.78 J		ND		ND		0.14 J	
Dibenz[a,h]anthracene	0.66	ND		ND		ND		ND		0.25 J		ND		ND		ND	
Benzo[g,h,I]perylene	NLE	ND		ND		ND		ND		0.76 J		ND		ND		0.15 J	
Pesticides/PCBs (mg/kg)																	
gamma-BHC	0.52	ND		ND		ND		ND		ND		ND		ND		ND	
Heptachlor Epoxide	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDE	2	0.047		0.031		0.048		0.014		0.028		0.018		0.016		0.033	
Dieldrin	0.042	ND		ND		ND		ND		ND		ND		ND		ND	
Endrin	17	ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDD	3	0.106		0.024		0.037		ND		0.015		0.017		0.023		0.03	
4,4'-DDT	2	0.083		0.052		ND		ND		ND		ND		ND		ND	
gamma-Chlordane	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
alpha-Chlordane	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1016	0.49	ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1242	0.49	ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1248	0.49	ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1254	0.49	ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1260	0.49	ND		ND		ND		ND		ND		ND		ND		ND	
Metals (mg/kg)																	
Aluminum	NLE	7310		8120		5860		5840		6320		4140		4690		4590	
Antimony	14	ND		ND		ND		ND		ND		0.677		ND		ND	
Arsenic	20	10.4		8.57		11.1		6.67		6.67		9.78		6.36		5.85	
Barium	700	67.3		48.6		63.6		36.3		26.2		46.5		34.5		19.1	
Beryllium	2	1.19		0.966		1.00		0.637		0.669		0.535		0.741		0.569	
Cadmium	39	ND		ND		ND		0.219		ND		0.323		ND		ND	
Calcium	NLE	1130		611		2910		5050		767		4310		629		459	
Chromium	NLE	101		104		72.7		63.7		56.9		49.5		64.6		58.4	
Cobalt	NLE	1.17		0.964		2.49		1.4		1.02		1.49		0.83		0.804	
Copper	600	7.88		4.99		11.7		20.5		2.17		33.4		6.75		6.88	
Iron	NLE	24900		24000		21300		19300		19700		15900		17700		13800	
Lead	400	18.1		16.2		18.1		36.7		5.27		41.9		8.49		13	
Magnesium	NLE	2480		2720		1900		2350		1790		1770		1860		1480	
Manganese	NLE	20.1		16.4		28.2		123		39.6		83.4		13.3		8.5	
Mercury	14	0.026		0.027		0.027		0.216		ND		0.401		0.078		0.091	
Nickel	250	5.72		4.33		9.07		6.42		3.81		5.9		3.69		3.44	
Potassium	NLE	5980		6180		4900		4890		4270		3300		4400		3510	
Selenium	63	2.12		1.56		1.94		1.28		ND		1.11		1.41		ND	
Silver	110	ND		ND		ND		ND		ND		ND		ND		ND	
Sodium	NLE	103		91.8		103		120		45.1		165		94.4		118	
Thallium	2	ND		ND		ND		ND		ND		ND		ND		ND	
Vanadium	370	38.1		41.8		26.2		30.7		27.6		25.9		25.9		26.5	
Zinc	1500	50.4		42.2		49.6		96.8		20.8		126		34.7		27.9	

Notes:
All concentrations in milligrams per kilogram (mg/kg)
E = Value exceeded linear range
D = Value from dilution
B = Compound in related blank
NS:= Not Sampled
ND:= Analyte not detected in sample
NLE:= No cleanup standard exists for this analyte
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.
N = Presumptive evidence of a compound
*Resample for 4443.08 for Pest/PCB ref#4526.01 B100

Table 4-1
Soil Sampling Analytical Results
M-2 Landfill Site
Fort Monmouth, New Jersey

Lab Sample ID	NJDEP Cleanup Criteria (mg/kg)	4359.08	4359.09	4367.02	4367.03	4367.04	4367.05	4367.06	4367.07	4367.08	4367.09	4367.10	4367.11	4367.12	4367.13	4367.14	4367.15
Field Sample Location		B59 (6-12")	B59 (24")	B59A (6-12")	B59A(24")	B60 (6-12")	B60 (24")	B61 (6-12")	B61 (24")	B62 (6-12")	B62 (24")	B63 (6-12")	B63 (24")	B64 (6-12")	B64 (24")	B65 (6-12")	B65 (24")
Sample Date		3/18/1999	3/18/1999	3/23/1999	3/23/1999	3/23/1999	3/23/1999	3/23/1999	3/23/1999	3/23/1999	3/23/1999	3/23/1999	3/23/1999	3/23/1999	3/23/1999	3/23/1999	3/23/1999
Volatiles (mg/kg)																	
Acetone	1000		ND		ND		ND		ND		ND		ND		ND		ND
Methylene Chloride	49		ND		ND		1.00		0.92		1.30		ND		1.90		1.30
Toluene	1000		ND		ND		ND		ND		ND		ND		ND		ND
Chlorobenzene	37		ND		ND		ND		ND		ND		ND		ND		ND
Semi-Volatiles (mg/kg)																	
Naphthalene	230	ND		ND		ND		ND		ND		ND		ND		ND	
2-Methylnaphthalene	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthylene	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthene	3400	ND		ND		ND		ND		ND		ND		ND		ND	
Dibenzofuran	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Diethylphthalate	10,000	ND		ND		ND		ND		ND		ND		ND		ND	
Fluorene	2300	ND		ND		ND		ND		ND		ND		ND		ND	
Azobenzene	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Phenanthrene	NLE	0.15 J		0.14 J		ND		0.89 J		0.15 J		0.17 J		ND		0.82 J	
Anthracene	10,000	ND		ND		ND		0.23 J		ND		ND		ND		0.24 J	
Di-n-butylphthalate	5700	ND		0.16JB		0.18JB		0.12JB		0.13JB		0.77JB		1.5JB		0.13JB	
Fluoranthene	2300	0.15 J		0.14 J		0.18 J		1.5		0.28 J		0.25 J		ND		1.3	
Pyrene	1700	0.23 J		0.22 J		0.21 J		1.3		0.27 J		0.26 J		ND		1.3	
Benzo[a]anthracene	0.9	0.12 J		ND		0.13 J		0.67 J		0.18 J		0.16 J		ND		0.75 J	
Chrysene	9	0.2 J		0.18 J		0.18 J		0.9 J		0.27 J		0.28 J		ND		1.2	
bis(2-Ethylhexyl)phthalate	49	ND		0.11 J		ND		ND		ND		0.18 J		0.2 J		0.22J	
Benzo[b]fluoranthene	0.9	ND		ND		ND		0.41 J		0.12 J		0.14 J		ND		0.58 J	
Benzo[k]fluoranthene	0.9	ND		ND		ND		0.44 J		0.13 J		0.15 J		ND		0.53 J	
Benzo[a]pyrene	0.66	ND		ND		ND		0.51 J		0.15 J		0.14 J		ND		0.6 J	
Indeno[1,2,3-cd]pyrene	0.9	ND		ND		ND		0.31 J		ND		ND		ND		0.23 J	
Dibenz[a,h]anthracene	0.66	ND		ND		ND		ND		ND		ND		ND		ND	
Benzo[g,h,I]perylene	NLE	ND		ND		ND		0.36 J		ND		ND		ND		0.24 J	
Pesticides/PCBs (mg/kg)																	
gamma-BHC	0.52	ND		ND		ND		ND		ND		ND		ND		ND	
Heptachlor Epoxide	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDE	2	0.028		0.026		ND		0.017		0.024		0.025		0.015		0.019	
Dieldrin	0.042	ND		ND		ND		ND		ND		ND		ND		0.012	
Endrin	17	ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDD	3	0.046		0.047		0.044		0.02		0.047		0.03		ND		0.131	
4,4'-DDT	2	0.041		0.065		ND		0.026		ND		ND		ND		ND	
gamma-Chlordane	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
alpha-Chlordane	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1016	0.49	ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1242	0.49	ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1248	0.49	ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1254	0.49	ND		ND		**0.651**		ND		ND		ND		ND		ND	
Arochlor 1260	0.49	ND		ND		ND		ND		ND		ND		ND		ND	
Metals (mg/kg)																	
Aluminum	NLE	8650		7740		6100		10400		2990		5320		32000		4540	
Antimony	14	ND		ND		ND		0.903		0.529		0.516		ND		0.538	
Arsenic	20	11.8		12.3		8.53		11.4		3.34		3.72		**26.8**		2.58	
Barium	700	57.3		60		38.1		39.8		19.2		13.3		220		159	
Beryllium	2	1.41		1.26		0.92		1.66		0.255		0.304		**10.6**		0.662	
Cadmium	39	0.484		ND		ND		0.225		0.655		0.27		1.36		0.578	
Calcium	NLE	1220		990		759		1390		299		483		325		2170	
Chromium	NLE	133		118		89.4		126		14.3		22.2		271		11.9	
Cobalt	NLE	1.37		1.19		0.93		1.45		0.727		1.11		13.1		7.29	
Copper	600	11.5		10.2		7.05		12.8		10.6		5.18		134		48	
Iron	NLE	30000		28400		23800		31200		4420		7850		89600		7670	
Lead	400	13.8		17.1		13.8		18.2		22.7		7.45		119		6.85	
Magnesium	NLE	3710		3220		2450		3880		285		506		4960		544	
Manganese	NLE	19.1		19.2		16.9		31.5		9.40		15.5		42.5		29.4	
Mercury	14	0.071		0.079		0.06		0.133		0.074		0.08		**16.7**		0.173	
Nickel	250	5.9		5.18		3.97		6.85		3.47		5.93		70.7		19.6	
Potassium	NLE	8580		7640		5710		8710		479		903		8570		274	
Selenium	63	1.8		1.66		1.29		0.938		ND		ND		2.01		1.06	
Silver	110	ND		ND		ND		ND		ND		ND		ND		ND	
Sodium	NLE	219		225		89.7		160		84		113		291		358	
Thallium	2	ND		ND		ND		ND		ND		ND		ND		ND	
Vanadium	370	44.7		43.8		32		46.8		11		16.3		189		17.3	
Zinc	1500	62.8		61.4		55.6		85		30.2		25.6		283		61.8	

Notes:
All concentrations in milligrams per kilogram (mg/kg)
E = Value exceeded linear range
D = Value from dilution
B = Compound in related blank
NS:= Not Sampled
ND:= Analyte not detected in sample
NLE:= No cleanup standard exists for this analyte
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.
N = Presumptive evidence of a compound
*Resample for 4443.08 for Pest/PCB ref#4526.01 B100

Table 4-1
Soil Sampling Analytical Results
M-2 Landfill Site
Fort Monmouth, New Jersey

Lab Sample ID	NJDEP Cleanup Criteria (mg/kg)	4380.02	4380.03	4380.04	4380.05	4380.06	4380.07	4380.08	4380.09	4380.10	4380.11	4395.02	4395.03	4395.04	4395.05	4395.06	4395.07
Field Sample Location		B66 (6-12")	B66 (24")	B67 (6-12")	B67 (24")	B68 (6-12")	B68 (24")	B69 (6-12")	B69 (24")	B70 (6-12")	B70 (24")	B71 (6-12")	B71 (24")	B72 (6-12")	B72 (24")	B73 (6-12")	B73 (24")
Sample Date		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	4/6/1999	4/6/1999	4/6/1999	4/6/1999	4/6/1999	4/6/1999
Volatiles (mg/kg)																	
Acetone	1000		ND		ND		ND		ND		ND		ND		ND		ND
Methylene Chloride	49		ND		ND		0.420 J		ND		ND		ND		ND		ND
Toluene	1000		ND		ND		ND		ND		ND		ND		ND		ND
Chlorobenzene	37		ND		0.69		ND		ND		ND		ND		ND		ND
Semi-Volatiles (mg/kg)																	
Naphthalene	230	ND		ND		ND		ND		ND		ND		ND		ND	
2-Methylnaphthalene	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthylene	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthene	3400	ND		ND		ND		ND		ND		ND		ND		ND	
Dibenzofuran	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Diethylphthalate	10,000	ND		ND		ND		ND		ND		ND		ND		ND	
Fluorene	2300	ND		ND		ND		ND		ND		ND		ND		ND	
Azobenzene	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Phenanthrene	NLE	ND		ND		ND		0.17 J		ND		ND		ND		ND	
Anthracene	10,000	ND		ND		ND		ND		ND		ND		ND		ND	
Di-n-butylphthalate	5700	0.47JB		0.21JB		0.68JB		0.13JB		1.5B		2.6 B		0.12JB		0.38JB	
Fluoranthene	2300	ND		0.14 J		ND		0.16 J		0.22 J		ND		ND		0.22 J	
Pyrene	1700	0.13 J		0.13 J		ND		0.19 J		0.23 J		0.14 J		ND		0.23J	
Benzo[a]anthracene	0.9	ND		ND		ND		ND		ND		ND		ND		0.12 J	
Chrysene	9	0.16 J		0.14 J		ND		0.19 J		0.34 J		0.15 J		ND		0.25 J	
bis(2-Ethylhexyl)phthalate	49	ND		0.14JB		0.16JB		ND		0.33 JB		ND		ND		0.18 J	
Benzo[b]fluoranthene	0.9	ND		ND		ND		ND		0.19 J		ND		ND		0.13 J	
Benzo[k]fluoranthene	0.9	ND		ND		ND		ND		0.15 J		ND		ND		0.12 J	
Benzo[a]pyrene	0.66	ND		ND		ND		ND		ND		ND		ND		0.13 J	
Indeno[1,2,3-cd]pyrene	0.9	ND		ND		ND		ND		ND		ND		ND		ND	
Dibenz[a,h]anthracene	0.66	ND		ND		ND		ND		ND		ND		ND		ND	
Benzo[g,h,I]perylene	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Pesticides/PCBs (mg/kg)																	
gamma-BHC	0.52	ND		ND		ND		ND		ND		ND		ND		ND	
Heptachlor Epoxide	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDE	2	0.041		0.016		0.012		0.023		0.056		0.028		0.072		0.049	
Dieldrin	0.042	ND		ND		ND		ND		ND		ND		0.024		ND	
Endrin	17	ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDD	3	0.025		ND		ND		0.062		0.14		0.059		0.295		0.081	
4,4'-DDT	2	0.051		ND		ND		0.044		ND		ND		ND		0.032	
gamma-Chlordane	NLE	ND		ND		0.022		ND		ND		ND		ND		ND	
alpha-Chlordane	NLE	ND		ND		0.021		ND		ND		ND		ND		ND	
Arochlor 1016	0.49	ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1242	0.49	ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1248	0.49	ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1254	0.49	ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1260	0.49	ND		ND		ND		ND		ND		ND		ND		ND	
Metals (mg/kg)																	
Aluminum	NLE	8390		8220		8220		10300		15300		8120		2400		7890	
Antimony	14	0.788		0.49		ND		0.432		0.913		ND		ND		0.856	
Arsenic	20	2.16		9.76		8.46		9.48		9.34		8.68		2.15		**81.3**	
Barium	700	17.1		48.6		56.2		53.2		97.1		49.9		22.8		76.6	
Beryllium	2	0.246		1.05		1.3		1.08		**2.73**		1.03		0.409		1.06	
Cadmium	39	0.157		ND		ND		ND		ND		ND		1.7		ND	
Calcium	NLE	267		1250		864		819		660		1050		482		1340	
Chromium	NLE	21.5		99.4		134		102		81.8		104		5.69		115	
Cobalt	NLE	0.988		1.21		1.39		2.00		8.05		1.12		3.32		0.861	
Copper	600	13.4		10.3		8.25		16.8		34		3.97		18.9		3.19	
Iron	NLE	6840		25600		28500		26000		29400		25200		3110		36400	
Lead	400	6.86		25		19.1		24.4		46.8		17.9		3.73		15.1	
Magnesium	NLE	507		2720		3480		2830		2640		3110		341		3730	
Manganese	NLE	19		18.8		21.9		28.9		42.5		18.7		15.5		18	
Mercury	14	0.078		0.117		0.062		0.13		0.161		0.066		0.092		0.051	
Nickel	250	4.44		5.9		6.21		7.69		31.6		4.33		12.5		3.86	
Potassium	NLE	1080		6160		7660		5960		5820		8650		246		11700	
Selenium	63	ND		1.57		1.56		1.3		1.78		1.08		ND		1.45	
Silver	110	ND		ND		ND		ND		ND		ND		ND		ND	
Sodium	NLE	133		148		117		119		240		290		142		301	
Thallium	2	ND		ND		ND		ND		ND		ND		ND		ND	
Vanadium	370	17.1		39.6		56		49.3		52.2		37.4		12.8		33	
Zinc	1500	30.4		53.3		46.4		52.5		108		41.6		47		47.9	

Notes:
All concentrations in milligrams per kilogram (mg/kg)
E = Value exceeded linear range
D = Value from dilution
B = Compound in related blank
NS:= Not Sampled
ND:= Analyte not detected in sample
NLE:= No cleanup standard exists for this analyte
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.
N = Presumptive evidence of a compound
*Resample for 4443.08 for Pest/PCB ref#4526.01 B100

Table 4-1
Soil Sampling Analytical Results
M-2 Landfill Site
Fort Monmouth, New Jersey

Lab Sample ID	NJDEP Cleanup Criteria (mg/kg)	4406.02	4406.03	4406.04	4406.05	4406.06	4406.07	4415.02	4415.03	4415.04	4415.05	4415.06	4415.07	4415.08	4415.09	4418.02	4418.03
Field Sample Location		B74 (6-12")	B74 (24")	B75 (6-12")	B75 (24")	B76 (6-12")	B76 (24")	B77 (6-12")	B77 (24")	B78 (6-12")	B78 (24")	B79 (6-12")	B79 (24")	B80 (6-12")	B80 (24")	B81 (6-12")	B81 (24")
Sample Date		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	4/13/1999	4/13/1999	4/13/1999	4/13/1999	4/14/1999	4/14/1999
Volatiles (mg/kg)																	
Acetone	1000		ND		ND		ND		ND		ND		ND		ND		ND
Methylene Chloride	49		ND		ND		ND		ND		ND		ND		1.10		ND
Toluene	1000		ND		ND		ND		ND		ND		ND		ND		ND
Chlorobenzene	37		ND		ND		ND		ND		ND		ND		ND		ND
Semi-Volatiles (mg/kg)																	
Naphthalene	230	ND		ND		ND		ND		ND		ND		ND		ND	
2-Methylnaphthalene	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthylene	NLE	ND		0.3 J		ND		ND		ND		ND		ND		ND	
Acenaphthene	3400	ND		ND		ND		0.27 J		ND		ND		ND		ND	
Dibenzofuran	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Diethylphthalate	10,000	ND		ND		ND		ND		ND		ND		ND		ND	
Fluorene	2300	ND		ND		ND		ND		ND		ND		ND		ND	
Azobenzene	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Phenanthrene	NLE	ND		ND		0.3 J		2.0		0.27 J		ND		ND		ND	
Anthracene	10,000	ND		ND		ND		0.55 J		0.15 J		ND		ND		ND	
Di-n-butylphthalate	5700	0.3JB		0.6JB		0.79JB		2.3B		0.62JB		0.18JB		0.23JB		2.B	
Fluoranthene	2300	ND		0.21 J		0.4 J		3.4		0.64 J		0.15 J		ND		ND	
Pyrene	1700	ND		0.34 J		0.32 J		2.7		0.76 J		0.18 J		ND		ND	
Benzo[a]anthracene	0.9	ND		0.19 J		0.17 J		**1.4**		0.51 J		ND		ND		ND	
Chrysene	9	ND		0.45 J		0.3 J		2.4		0.84 J		0.18 J		ND		ND	
bis(2-Ethylhexyl)phthalate	49	ND		ND		ND		ND		0.18 J		ND		ND		ND	
Benzo[b]fluoranthene	0.9	ND		0.19 J		0.18 J		**1.1 J**		0.68 J		ND		ND		ND	
Benzo[k]fluoranthene	0.9	ND		0.19 J		0.14 J		**1.2 J**		0.74 J		ND		ND		ND	
Benzo[a]pyrene	0.66	ND		0.24 J		0.17 J		**1.4**		**0.73 J**		ND		ND		ND	
Indeno[1,2,3-cd]pyrene	0.9	ND		0.2 J		ND		0.78 J		0.34 J		ND		ND		ND	
Dibenz[a,h]anthracene	0.66	ND		ND		ND		0.31 J		ND		ND		ND		ND	
Benzo[g,h,I]perylene	NLE	ND		0.25 J		ND		0.83 J		0.38 J		ND		ND		ND	
Pesticides/PCBs (mg/kg)																	
gamma-BHC	0.52	ND		ND		ND		ND		ND		ND		ND		ND	
Heptachlor Epoxide	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDE	2	0.038		0.013		0.03		0.039		0.028		0.028		0.047		0.087	
Dieldrin	0.042	ND		ND		ND		ND		ND		ND		ND		ND	
Endrin	17	ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDD	3	0.168		ND		0.021		0.056		0.024		0.023		0.043		0.065	
4,4'-DDT	2	0.057		ND		0.073		0.028		ND		ND		0.035		ND	
gamma-Chlordane	NLE	0.019		ND		ND		ND		0.018		ND		ND		ND	
alpha-Chlordane	NLE	0.022		ND		0.013		ND		0.017		ND		ND		ND	
Arochlor 1016	0.49	ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1242	0.49	ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1248	0.49	ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1254	0.49	ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1260	0.49	ND		ND		ND		ND		ND		ND		ND		ND	
Metals (mg/kg)																	
Aluminum	NLE	9570		3670		12400		9740		6670		6570		7540		13900	
Antimony	14	ND		2.31		ND		ND		0.753		ND		ND		0.782	
Arsenic	20	9.55		15.1		9.54		11.9		6.13		6.87		15.5		18.4	
Barium	700	23.8		13.2		40.5		60.4		45.2		37.9		34.4		80.9	
Beryllium	2	0.896		0.332		0.928		1.14		0.499		0.574		0.68		1.59	
Cadmium	39	ND		ND		ND		2.89		0.742		0.408		ND		ND	
Calcium	NLE	1810		493		1350		4930		10100		6570		1950		4200	
Chromium	NLE	101		32.5		77.8		95.1		55.6		53.1		89.6		189	
Cobalt	NLE	1.53		3.58		3.38		2.59		2.11		2.11		1.01		1.42	
Copper	600	16.1		55.4		14.1		27		26.7		99		11.7		9.12	
Iron	NLE	25700		45400		32200		26800		18000		17600		24100		45000	
Lead	400	32.3		24.2		21.2		54		87.2		57.7		18.5		38.6	
Magnesium	NLE	2760		443		2190		3780		2390		2580		2110		6090	
Manganese	NLE	87.8		184		98		685		311		158		31.2		34.1	
Mercury	14	0.103		0.058		0.083		0.623		0.31		0.376		0.083		0.117	
Nickel	250	6.18		6.72		10		11.9		8.11		6.97		4.9		7.61	
Potassium	NLE	6440		863		4600		7500		3540		4440		5070		13100	
Selenium	63	0.759		ND		ND		1.23		ND		ND		0.93		1.97	
Silver	110	ND		ND		ND		ND		ND		ND		ND		ND	
Sodium	NLE	188		166		494		151		115		158		252		203	
Thallium	2	ND		ND		ND		ND		ND		ND		ND		ND	
Vanadium	370	61.8		31.7		74.6		42.7		30.5		30		78.9		70.1	
Zinc	1500	63.7		43.6		80.5		422		145		126		46.1		74.4	

Notes:
All concentrations in milligrams per kilogram (mg/kg)
E = Value exceeded linear range
D = Value from dilution
B = Compound in related blank
NS:= Not Sampled
ND:= Analyte not detected in sample
NLE:= No cleanup standard exists for this analyte
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.
N = Presumptive evidence of a compound
*Resample for 4443.08 for Pest/PCB ref#4526.01 B100

Table 4-1
Soil Sampling Analytical Results
M-2 Landfill Site
Fort Monmouth, New Jersey

Lab Sample ID	NJDEP Cleanup Criteria (mg/kg)	4418.04		4418.05		4418.06		4418.07		4418.08		4418.09		4418.10		4418.11		4418.12		4418.13		4423.02		4423.03		4423.04		4423.05		4423.06		4423.07	
Field Sample Location		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		4/14/1999		4/14/1999		4/14/1999		4/14/1999		4/14/1999		4/14/1999		4/14/1999		4/14/1999		4/14/1999		4/14/1999		4/16/1999		4/16/1999		4/16/1999		4/16/1999		4/16/1999		4/16/1999	
Volatiles (mg/kg)																																	
Acetone	1000			ND				ND				ND				ND				ND				ND				ND				ND	
Methylene Chloride	49			ND				ND				ND				ND				ND				1.40				1.60				1.40	
Toluene	1000			ND				ND				0.36				ND				ND				ND				ND				ND	
Chlorobenzene	37			ND				ND				ND				ND				ND				ND				ND				ND	
Semi-Volatiles (mg/kg)																																	
Naphthalene	230	ND				ND				ND				ND				ND				ND				ND				ND			
2-Methylnaphthalene	NLE	ND				ND				ND				ND				ND				ND				ND				ND			
Acenaphthylene	NLE	1.5				ND				ND				ND				ND				ND				ND				ND			
Acenaphthene	3400	ND				ND				ND				ND				ND				ND				ND				ND			
Dibenzofuran	NLE	ND				ND				ND				ND				ND				ND				ND				ND			
Diethylphthalate	10,000	ND				ND				ND				ND				ND				ND				ND				ND			
Fluorene	2300	ND				ND				ND				ND				ND				ND				ND				ND			
Azobenzene	NLE	ND				ND				ND				ND				ND				ND				ND				ND			
Phenanthrene	NLE	0.22 J				0.16 J				0.1 J				0.39 J				ND				ND				ND				ND			
Anthracene	10,000	0.78 J				ND				ND				ND				ND				ND				ND				ND			
Di-n-butylphthalate	5700	0.26 JB				0.17JB				1.2JB				22 BD				0.84JB				0.22JB				1.1JB				0.2JB			
Fluoranthene	2300	5.4				0.27 J				0.23 J				0.25 J				ND				ND				0.18 J				0.15 J			
Pyrene	1700	12 D				0.3 J				0.25 J				0.38 J				ND				0.13 J				0.19 J				0.2 J			
Benzo[a]anthracene	0.9	**9.5**				0.16 J				0.14 J				0.14 J				ND				ND				ND				ND			
Chrysene	9	**14 D**				0.26 J				0.24 J				0.31 J				ND				0.12 J				0.23 J				ND			
bis(2-Ethylhexyl)phthalate	49	ND				ND				0.18 J				ND				ND				ND				ND				ND			
Benzo[b]fluoranthene	0.9	**13 D**				0.15 J				0.15 J				ND				ND				ND				0.13 J				ND			
Benzo[k]fluoranthene	0.9	**11 D**				0.15 J				0.14 J				ND				ND				ND				ND				ND			
Benzo[a]pyrene	0.66	**10 D**				0.15 J				ND				ND				ND				ND				ND				ND			
Indeno[1,2,3-cd]pyrene	0.9	**5.7 D**				ND				ND				ND				ND				ND				ND				ND			
Dibenz[a,h]anthracene	0.66	**3.5 D**				ND				ND				ND				ND				ND				ND				ND			
Benzo[g,h,I]perylene	NLE	2.7				ND				ND				ND				ND				ND				ND				ND			
Pesticides/PCBs (mg/kg)																																	
gamma-BHC	0.52	ND				ND				ND				ND				ND				ND				ND				ND			
Heptachlor Epoxide	NLE	ND				ND				ND				ND				ND				ND				ND				ND			
4,4'-DDE	2	0.088				0.038				0.055				0.068				0.098				0.044				0.089				ND			
Dieldrin	0.042	ND				ND				ND				ND				ND				ND				0.018				ND			
Endrin	17	ND				ND				ND				ND				ND				ND				ND				ND			
4,4'-DDD	3	0.142				0.018				0.017				0.098				0.14				0.149				0.13				0.014			
4,4'-DDT	2	0.114				0.027				0.085				ND				ND				ND				0.171				ND			
gamma-Chlordane	NLE	0.016				ND				0.028				ND				ND				ND				ND				0.014			
alpha-Chlordane	NLE	0.018				ND				0.02				ND				ND				ND				ND				ND			
Arochlor 1016	0.49	ND				ND				ND				ND				ND				ND				ND				ND			
Arochlor 1242	0.49	ND				ND				ND				ND				ND				ND				ND				ND			
Arochlor 1248	0.49	ND				ND				ND				ND				ND				ND				ND				ND			
Arochlor 1254	0.49	ND				ND				ND				ND				ND				ND				ND				ND			
Arochlor 1260	0.49	ND				ND				ND				ND				ND				ND				ND				ND			
Metals (mg/kg)																																	
Aluminum	NLE	5470				7290				5280				6500				6390				9620				8960				12700			
Antimony	14	0.669				1.1				1.46				0.629				0.775				1.00				1.02				0.863			
Arsenic	20	6.31				14				7.15				12.7				12.7				15.3				8.91				9.98			
Barium	700	27.2				47.5				48.8				88.7				74.1				47.3				43.8				49.4			
Beryllium	2	0.647				0.915				0.571				1.14				1.6				0.944				1.23				1.12			
Cadmium	39	0.112				0.22				0.771				0.174				2.94				ND				0.286				0.353			
Calcium	NLE	621				2240				4870				8710				5160				1430				1290				3940			
Chromium	NLE	56.3				102				52.8				92.4				75.5				66.9				105				104			
Cobalt	NLE	1.1				1.34				3.5				1.73				2.53				1.31				1.65				1.83			
Copper	600	6.57				17.6				38.6				7.22				7.53				12.3				9.7				20.2			
Iron	NLE	18200				25200				17600				25500				18700				20900				26000				30800			
Lead	400	11.3				42.8				89.9				33.4				21.4				38.9				19.6				36.1			
Magnesium	NLE	1650				2770				1870				2900				2200				1860				3200				3590			
Manganese	NLE	19.3				102				198				28.7				22.5				28				31.3				62.4			
Mercury	14	0.119				0.566				0.254				0.097				0.121				0.136				0.034				0.034			
Nickel	250	4.39				5.65				12.9				6.44				15.7				7.53				7.71				8.31			
Potassium	NLE	3340				5950				2760				6990				5020				3800				6130				7710			
Selenium	63	0.787				1.44				1.37				2.5				2.49				1.77				1.62				0.837			
Silver	110	ND				ND				ND				ND				ND				ND				ND				ND			
Sodium	NLE	93.4				116				185				380				648				544				141				770			
Thallium	2	ND				ND				ND				ND				ND				ND				ND				ND			
Vanadium	370	26.2				53.7				28.3				22.1				20.6				27.1				41				52.7			
Zinc	1500	59.6				82.1				215				81.8				106				56.7				91				99.9			

Notes:
All concentrations in milligrams per kilogram (mg/kg)
E = Value exceeded linear range
D = Value from dilution
B = Compound in related blank
NS:= Not Sampled
ND:= Analyte not detected in sample
NLE:= No cleanup standard exists for this analyte
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.
N = Presumptive evidence of a compound
*Resample for 4443.08 for Pest/PCB ref#4526.01 B100

Table 4-1
Soil Sampling Analytical Results
M-2 Landfill Site
Fort Monmouth, New Jersey

Lab Sample ID	NJDEP Cleanup Criteria (mg/kg)	4423.08		4423.09		4423.10		4423.11		4434.02		4434.03		4434.04		4434.05	
Field Sample Location		B90 (6-12")		B90 (24")		B91 (6-12")		B91 (24")		B92 (6-12")		B92 (24")		B93 (6-12")		B93 (24")	
Sample Date		4/16/1999		4/16/1999		4/16/1999		4/14/1999		4/20/1999		4/20/1999		4/20/1999		4/20/1999	
Volatiles (mg/kg)																	
Acetone	1000			ND				ND				ND				ND	
Methylene Chloride	49			1.50				1.50				ND				ND	
Toluene	1000			ND				ND				ND				ND	
Chlorobenzene	37			ND				ND				ND				ND	
Semi-Volatiles (mg/kg)																	
Naphthalene	230	ND				ND				ND				ND			
2-Methylnaphthalene	NLE	ND				ND				ND				ND			
Acenaphthylene	NLE	ND				ND				ND				ND			
Acenaphthene	3400	ND				ND				ND				ND			
Dibenzofuran	NLE	ND				ND				ND				ND			
Diethylphthalate	10,000	ND				ND				ND				ND			
Fluorene	2300	ND				ND				ND				ND			
Azobenzene	NLE	ND				ND				ND				ND			
Phenanthrene	NLE	0.44 J				ND				0.29 J				ND			
Anthracene	10,000	ND				ND				ND				ND			
Di-n-butylphthalate	5700	1.0 JB				0.56JB				ND				0.51JB			
Fluoranthene	2300	0.77 J				0.15 J				0.39 J				ND			
Pyrene	1700	0.96 J				0.18 J				0.43 J				ND			
Benzo[a]anthracene	0.9	0.5 J				ND				0.19 J				ND			
Chrysene	9	0.82 J				0.15 J				0.34 J				ND			
bis(2-Ethylhexyl)phthalate	49	ND				ND				ND				0.18JB			
Benzo[b]fluoranthene	0.9	0.44 J				ND				0.21 J				ND			
Benzo[k]fluoranthene	0.9	0.49 J				ND				0.21 J				ND			
Benzo[a]pyrene	0.66	0.48 J				ND				0.21 J				ND			
Indeno[1,2,3-cd]pyrene	0.9	0.29 J				ND				ND				ND			
Dibenz[a,h]anthracene	0.66	ND				ND				ND				ND			
Benzo[g,h,I]perylene	NLE	ND				ND				ND				ND			
Pesticides/PCBs (mg/kg)																	
gamma-BHC	0.52	ND				ND				ND				ND			
Heptachlor Epoxide	NLE	ND				ND				ND				ND			
4,4'-DDE	2	0.055				0.018				0.055				0.022			
Dieldrin	0.042	ND				ND				ND				ND			
Endrin	17	ND				ND				ND				ND			
4,4'-DDD	3	ND				ND				0.037				0.027			
4,4'-DDT	2	0.066				0.037				0.031				ND			
gamma-Chlordane	NLE	ND				ND				0.041				ND			
alpha-Chlordane	NLE	0.022				ND				0.046				ND			
Arochlor 1016	0.49	ND				ND				ND				ND			
Arochlor 1242	0.49	ND				ND				ND				ND			
Arochlor 1248	0.49	ND				ND				ND				ND			
Arochlor 1254	0.49	ND				ND				ND				ND			
Arochlor 1260	0.49	ND				ND				ND				ND			
Metals (mg/kg)																	
Aluminum	NLE	11600				13100				11000				6590			
Antimony	14	1.02				1.78				1.16				0.525			
Arsenic	20	7.36				14.9				10.6				9.64			
Barium	700	53.3				34				75.4				44.8			
Beryllium	2	0.843				1.08				0.983				1.19			
Cadmium	39	1.17				ND				0.287				0.639			
Calcium	NLE	7830				1940				5850				769			
Chromium	NLE	79.1				114				99.4				92.8			
Cobalt	NLE	3.7				1.84				2.42				1.69			
Copper	600	25.4				15.4				39.6				7.38			
Iron	NLE	27000				31200				29600				21500			
Lead	400	76.6				122				74.9				17.6			
Magnesium	NLE	4180				3810				3830				2350			
Manganese	NLE	131				71.5				123				20.7			
Mercury	14	0.034				0.034				0.332				0.108			
Nickel	250	15				7.75				16.6				7.3			
Potassium	NLE	5300				7020				6700				5050			
Selenium	63	1.39				1.28				1.27				1.97			
Silver	110	ND				ND				ND				ND			
Sodium	NLE	328				113				279				101			
Thallium	2	ND				ND				ND				ND			
Vanadium	370	77.8				58.4				52				39.4			
Zinc	1500	150				84.9				294				63.4			

Lab Sample ID	4434.06		4434.07		4434.08		4434.09		4434.10		4434.11		4443.02		4443.03	
Field Sample Location	B94 (6-12")		B94 (24")		B95 (6-12")		B95 (24")		B96 (6-12")		B96 (24")		B97 (6-12")		B97 (24")	
Sample Date	4/20/1999		4/20/1999		4/20/1999		4/20/1999		4/20/1999		4/20/1999		4/26/1999		4/26/1999	
Volatiles (mg/kg)																
Acetone			ND				ND				ND				ND	
Methylene Chloride			ND				ND				ND				ND	
Toluene			ND				ND				ND				ND	
Chlorobenzene			ND				ND				ND				ND	
Semi-Volatiles (mg/kg)																
Naphthalene	ND				ND				ND				ND			
2-Methylnaphthalene	ND				ND				ND				ND			
Acenaphthylene	ND				ND				ND				ND			
Acenaphthene	ND				ND				ND				ND			
Dibenzofuran	ND				ND				ND				ND			
Diethylphthalate	ND				ND				ND				ND			
Fluorene	ND				ND				0.16 J				ND			
Azobenzene	0.099 J				ND				ND				ND			
Phenanthrene	0.12 J				ND				2.8				ND			
Anthracene	0.12 J				ND				0.47 J				ND			
Di-n-butylphthalate	0.21JB				0.44JB				0.62JB				0.19JB			
Fluoranthene	0.17 J				ND				3.6				0.3 J			
Pyrene	0.18 J				ND				3.3				0.31 J			
Benzo[a]anthracene	0.13 J				ND				**1.4**				0.44 J			
Chrysene	0.23 J				ND				2.4				0.5 J			
bis(2-Ethylhexyl)phthalate	0.18JB				ND				0.21JB				2.0 B			
Benzo[b]fluoranthene	0.12 J				ND				**1.0 J**				0.33 J			
Benzo[k]fluoranthene	0.15 J				ND				**1.1 J**				0.38 J			
Benzo[a]pyrene	ND				ND				**1.0 J**				0.38 J			
Indeno[1,2,3-cd]pyrene	ND				ND				0.47 J				ND			
Dibenz[a,h]anthracene	ND				ND				ND				ND			
Benzo[g,h,I]perylene	ND				ND				0.54 J				0.15 J			
Pesticides/PCBs (mg/kg)																
gamma-BHC	ND				ND				ND				ND			
Heptachlor Epoxide	ND				ND				ND				ND			
4,4'-DDE	0.095				0.066				0.066				0.082			
Dieldrin	ND				ND				ND				ND			
Endrin	ND				ND				ND				ND			
4,4'-DDD	0.118				ND				0.041				0.033			
4,4'-DDT	ND				0.044				0.194				0.225			
gamma-Chlordane	ND				0.028				0.013				ND			
alpha-Chlordane	ND				0.029				ND				ND			
Arochlor 1016	ND				ND				ND				ND			
Arochlor 1242	ND				ND				ND				ND			
Arochlor 1248	ND				ND				ND				ND			
Arochlor 1254	ND				ND				ND				ND			
Arochlor 1260	ND				ND				ND				ND			
Metals (mg/kg)																
Aluminum	8610				12000				10700				11300			
Antimony	0.728				1.62				1.15				3.19			
Arsenic	9.41				9.77				7.74				9.27			
Barium	39.2				104				44.2				41.3			
Beryllium	1.35				1.07				0.835				0.83			
Cadmium	0.171				0.772				**156**				2.68			
Calcium	1550				14900				3110				3770			
Chromium	119				86.3				81.4				80.9			
Cobalt	2.34				3.06				2.48				2.53			
Copper	9.85				53.7				33.4				30.6			
Iron	28700				29800				24400				27600			
Lead	23.4				121				59.6				69.4			
Magnesium	3580				4170				2970				3130			
Manganese	27.9				362				204				121			
Mercury	0.135				0.458				0.259				0.146			
Nickel	9.14				14.4				9.31				8.83			
Potassium	7410				6760				5560				5170			
Selenium	1.76				1.25				ND				1.19			
Silver	ND				ND				ND				ND			
Sodium	142				217				165				143			
Thallium	ND				ND				ND				ND			
Vanadium	45.4				49.8				43.5				47.9			
Zinc	81.1				273				131				164			

Notes:
All concentrations in milligrams per kilogram (mg/kg)
E = Value exceeded linear range
D = Value from dilution
B = Compound in related blank
NS:= Not Sampled
ND:= Analyte not detected in sample
NLE:= No cleanup standard exists for this analyte
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.
N = Presumptive evidence of a compound
*Resample for 4443.08 for Pest/PCB ref#4526.01 B100

Table 4-1
Soil Sampling Analytical Results
M-2 Landfill Site
Fort Monmouth, New Jersey

Lab Sample ID	NJDEP Cleanup Criteria (mg/kg)	4443.04		4443.05		4443.06		4443.07		4443.08*		4443.09		4443.10		4443.11		4446.02		4446.03		4446.04		4446.05		4446.06		4446.07		4446.08		4446.09	
Field Sample Location		B98 (6-12")		B98 (24")		B99 (6-12")		B99 (24")		B100 (6-12")		B100 (24")		B101 (6-12")		B101 (24")		B102 (6-12")		B102 (24")		B103 (6-12")		B103 (24")		B104 (6-12")		B104 (24")		B105 (6-12")		B105 (24")	
Sample Date		4/26/1999		4/26/1999		4/26/1999		4/26/1999		4/26/1999		4/26/1999		4/26/1999		4/26/1999		4/27/1999		4/27/1999		4/27/1999		4/27/1999		4/27/1999		4/27/1999		4/27/1999		4/27/1999	
Volatiles (mg/kg)																															
Acetone	1000			ND				ND				ND				2.20				ND				ND				ND				ND	
Methylene Chloride	49			ND				ND				ND				ND				ND				ND				ND				ND	
Toluene	1000			ND				ND				ND				ND				ND				ND				ND				ND	
Chlorobenzene	37			ND				ND				ND				ND				ND				ND				ND				ND	
Semi-Volatiles (mg/kg)																															
Naphthalene	230	ND				ND				ND				ND				ND				ND				ND				ND			
2-Methylnaphthalene	NLE	ND				ND				ND				ND				ND				ND				ND				ND			
Acenaphthylene	NLE	ND				ND				ND				ND				ND				ND				ND				ND			
Acenaphthene	3400	ND				ND				ND				ND				ND				ND				ND				ND			
Dibenzofuran	NLE	ND				ND				ND				ND				ND				ND				ND				ND			
Diethylphthalate	10,000	ND				ND				ND				ND				ND				ND				ND				ND			
Fluorene	2300	ND				ND				ND				ND				ND				ND				ND				ND			
Azobenzene	NLE	ND				ND				ND				ND				ND				ND				ND				ND			
Phenanthrene	NLE	ND				ND				ND				ND				ND				ND				ND				ND			
Anthracene	10,000	ND				ND				ND				ND				ND				ND				ND				ND			
Di-n-butylphthalate	5700	0.33JB				0.14JB				0.17JB				ND				ND				0.31 J				0.3 J				0.24 J			
Fluoranthene	2300	0.18 J				0.13 J				0.12 J				0.16 J				ND				ND				ND				ND			
Pyrene	1700	0.17 J				0.17 J				0.13 J				0.16 J				ND				ND				0.13 J				ND			
Benzo[a]anthracene	0.9	0.15 J				ND				ND				ND				ND				ND				ND				ND			
Chrysene	9	0.22 J				0.17 J				0.17 J				0.17 J				ND				ND				0.14 J				ND			
bis(2-Ethylhexyl)phthalate	49	ND				ND				ND				0.12JB				ND				0.14 J				0.23 J				ND			
Benzo[b]fluoranthene	0.9	ND				ND				ND				ND				ND				ND				ND				ND			
Benzo[k]fluoranthene	0.9	ND				ND				ND				ND				ND				ND				ND				ND			
Benzo[a]pyrene	0.66	ND				ND				ND				ND				ND				ND				ND				ND			
Indeno[1,2,3-cd]pyrene	0.9	ND				ND				ND				ND				ND				ND				ND				ND			
Dibenz[a,h]anthracene	0.66	ND				ND				ND				ND				ND				ND				ND				ND			
Benzo[g,h,I]perylene	NLE	ND				ND				ND				ND				ND				ND				ND				ND			
Pesticides/PCBs (mg/kg)																															
gamma-BHC	0.52	ND				ND				ND				ND				ND				ND				ND				ND			
Heptachlor Epoxide	NLE	ND				ND				ND				ND				ND				ND				ND				ND			
4,4'-DDE	2	0.067				0.044				0.119				0.03				0.028				0.014				0.027				0.295			
Dieldrin	0.042	ND				ND				ND				ND				ND				ND				ND				ND			
Endrin	17	ND				ND				ND				ND				ND				ND				ND				ND			
4,4'-DDD	3	0.026				0.088				0.186				ND				0.482				ND				0.021				0.299			
4,4'-DDT	2	0.076				0.047				0.073				ND				ND				0.031				ND				0.036			
gamma-Chlordane	NLE	0.027				ND				ND				ND				0.025				ND				ND				ND			
alpha-Chlordane	NLE	0.023				ND				ND				ND				0.017				ND				ND				ND			
Arochlor 1016	0.49	ND				ND				ND				ND				ND				ND				ND				ND			
Arochlor 1242	0.49	ND				ND				ND				ND				ND				ND				ND				ND			
Arochlor 1248	0.49	ND				ND				ND				ND				ND				ND				ND				ND			
Arochlor 1254	0.49	ND				ND				ND				ND				ND				ND				ND				ND			
Arochlor 1260	0.49	ND				ND				ND				ND				ND				ND				ND				ND			
Metals (mg/kg)																															
Aluminum	NLE	7130				12700				7660				10800				14100				14200				14800				15200			
Antimony	14	1.34				0.731				0.665				1.06				0.495				0.665				1.16				0.692			
Arsenic	20	7.03				11.3				7.18				7.9				9.09				13.6				13				10.5			
Barium	700	47.7				31.1				27.9				50.1				86.4				46.6				39				35			
Beryllium	2	0.651				1.67				0.959				0.757				1.21				1.65				1.43				1.15			
Cadmium	39	0.71				0.384				ND				0.177				0.687				ND				ND				ND			
Calcium	NLE	5210				1060				576				8560				3540				1750				1790				1180			
Chromium	NLE	59.9				188				108				70.9				110				166				91.6				96.2			
Cobalt	NLE	2.15				0.852				0.742				2.45				3.15				1.85				2.49				2.56			
Copper	600	27.2				8.96				6.09				26				20.8				15.8				16.3				9.13			
Iron	NLE	19200				42600				27700				24400				24100				47000				40700				35100			
Lead	400	147				14.9				9.58				57.6				77.2				21.9				69.9				49.7			
Magnesium	NLE	2520				5910				3170				4290				3090				5810				2640				3480			
Manganese	NLE	195				26.6				14.7				267				95.9				68.2				84.6				37.4			
Mercury	14	0.177				0.092				0.041				0.228				0.119				0.052				8.091				5.465			
Nickel	250	7.52				5.04				3.41				9.28				11.2				9.29				9.15				8.63			
Potassium	NLE	4280				13700				7170				5130				6480				12600				4900				8100			
Selenium	63	ND				1.1				1.16				1.05				1.35				0.936				0.763				ND			
Silver	110	ND				ND				ND				ND				ND				ND				ND				5.08			
Sodium	NLE	197				118				104				227				432				124				142				142			
Thallium	2	ND				ND				ND				ND				ND				ND				ND				ND			
Vanadium	370	32.7				64.8				41				43.4				54.6				77.6				74.8				61.6			
Zinc	1500	208				70.9				51.4				130				101				95.9				99.6				117			

Notes:
All concentrations in milligrams per kilogram (mg/kg)
E = Value exceeded linear range
D = Value from dilution
B = Compound in related blank
NS:= Not Sampled
ND:= Analyte not detected in sample
NLE:= No cleanup standard exists for this analyte
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.
N = Presumptive evidence of a compound
*Resample for 4443.08 for Pest/PCB ref#4526.01 B100

Table 4-1
Soil Sampling Analytical Results
M-2 Landfill Site
Fort Monmouth, New Jersey

Lab Sample ID	NJDEP Cleanup Criteria (mg/kg)	4446.10	4446.11	4446.12	4446.13	4462.02	4462.03	4462.04	4462.05	4462.06	4462.07	4462.08	4462.09	4462.10	4462.11	4466.02	4466.03
Field Sample Location		B106 (6-12")	B106 (24")	B107 (6-12")	B107 (24")	B108 (6-12")	B108 (24")	B109 (6-12")	B109 (24")	B110 (6-12")	B110 (24")	B111 (6-12")	B111 (24")	B112 (6-12")	B112 (24")	B113 (6-12")	B113 (24")
Sample Date		4/27/1999	4/27/1999	4/27/1999	4/27/1999	5/4/1999	5/4/1999	5/4/1999	5/4/1999	5/4/1999	5/4/1999	5/4/1999	5/4/1999	5/4/1999	5/4/1999	5/6/1999	5/6/1999
Volatiles (mg/kg)																	
Acetone	1000		ND		ND		ND		ND		ND		ND		ND		4.10
Methylene Chloride	49		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
Semi-Volatiles (mg/kg)																	
Naphthalene	230	ND		ND		ND		ND		ND		ND		ND		ND	
2-Methylnaphthalene	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthylene	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthene	3400	ND		ND		ND		ND		ND		ND		ND		ND	
Dibenzofuran	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Diethylphthalate	10,000	ND		ND		ND		ND		ND		ND		ND		ND	
Fluorene	2300	ND		ND		ND		ND		ND		ND		ND		ND	
Azobenzene	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Phenanthrene	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Anthracene	10,000	ND		ND		ND		ND		ND		ND		ND		ND	
Di-n-butylphthalate	5700	0.18 J		0.37 J		0.4 J		0.61 J		0.3 J		0.65 J		ND		0.35JB	
Fluoranthene	2300	ND		ND		ND		0.14 J		ND		ND		ND		0.18 J	
Pyrene	1700	ND		ND		ND		0.16 J		ND		ND		0.13 J		0.19 J	
Benzo[a]anthracene	0.9	ND		ND		ND		ND		ND		ND		ND		ND	
Chrysene	9	0.17 J		ND		ND		0.15 J		ND		0.12 J		0.2 J		0.22 J	
bis(2-Ethylhexyl)phthalate	49	ND		ND		0.22 J		0.13 J		0.18 J		0.17 J		0.13 J		0.12 J	
Benzo[b]fluoranthene	0.9	ND		ND		ND		ND		ND		ND		ND		ND	
Benzo[k]fluoranthene	0.9	0.12 J		ND		ND		ND		ND		ND		ND		ND	
Benzo[a]pyrene	0.66	ND		ND		ND		ND		ND		ND		ND		ND	
Indeno[1,2,3-cd]pyrene	0.9	ND		ND		ND		ND		ND		ND		ND		ND	
Dibenz[a,h]anthracene	0.66	ND		ND		ND		ND		ND		ND		ND		ND	
Benzo[g,h,I]perylene	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Pesticides/PCBs (mg/kg)																	
gamma-BHC	0.52	ND		ND		ND		ND		ND		ND		ND		ND	
Heptachlor Epoxide	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDE	2	0.257		ND		ND		0.011		ND		0.02		0.173		0.079	
Dieldrin	0.042	ND		ND		ND		ND		ND		ND		ND		ND	
Endrin	17	ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDD	3	0.941		ND		ND		ND		ND		0.029		0.156		0.02	
4,4'-DDT	2	0.293		ND		ND		ND		ND		ND		0.121		0.121	
gamma-Chlordane	NLE	0.046		ND		ND		ND		ND		ND		ND		0.014	
alpha-Chlordane	NLE	0.048		ND		ND		ND		ND		ND		ND		0.014	
Arochlor 1016	0.49	ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1242	0.49	ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1248	0.49	ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1254	0.49	ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1260	0.49	ND		ND		ND		ND		ND		ND		ND		ND	
Metals (mg/kg)																	
Aluminum	NLE	13100		8810		13500		17600		5290		11700		8390		8310	
Antimony	14	0.781		0.903		0.939		0.952		0.954		0.765		2.1		1.11	
Arsenic	20	11.9		7.07		11.9		12.4		4.43		7.79		**23.7**		8.96	
Barium	700	18.3		34.7		41.9		31.8		16.4		21		200		28.4	
Beryllium	2	1.28		0.708		1.34		1.42		0.377		0.892		0.99		0.702	
Cadmium	39	ND		ND		ND		ND		8.11		ND		0.569		ND	
Calcium	NLE	695		4140		356		1200		5850		1420		2730		1350	
Chromium	NLE	147		59.7		124		148		41.8		79.8		80.6		64.9	
Cobalt	NLE	0.955		2.97		1.36		1.72		1.62		1.89		2.56		1.72	
Copper	600	9.69		35.9		6.28		8.48		14.5		7.48		79.9		19.5	
Iron	NLE	36700		23400		38700		40400		13500		26800		24900		18800	
Lead	400	22.7		52.5		10.5		17		40.5		16.4		107		48.1	
Magnesium	NLE	3950		3060		3650		4590		1400		2290		2180		1680	
Manganese	NLE	21.8		83.9		32.5		53.6		60		48.7		551		49.9	
Mercury	14	0.315		0.071		0.046		0.04		0.045		0.031		0.267		0.153	
Nickel	250	5.9		12.2		6.48		7.49		5.26		9.73		8.21		6.4	
Potassium	NLE	8980		4270		10200		11800		2420		5630		5900		4080	
Selenium	63	1.05		0.704		1.03		1.04		ND		ND		1.66		1.07	
Silver	110	ND		ND		ND		ND		ND		ND		ND		ND	
Sodium	NLE	125		146		112		104		105		97.1		147		89.1	
Thallium	2	ND		ND		ND		ND		ND		ND		ND		ND	
Vanadium	370	57.8		45.7		53.2		67.5		24.7		77.5		31.4		33.4	
Zinc	1500	58.6		105		56		89.8		47.7		47.6		606		95.5	

Notes:
All concentrations in milligrams per kilogram (mg/kg)
E = Value exceeded linear range
D = Value from dilution
B = Compound in related blank
NS:= Not Sampled
ND:= Analyte not detected in sample
NLE:= No cleanup standard exists for this analyte
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.
N = Presumptive evidence of a compound
*Resample for 4443.08 for Pest/PCB ref#4526.01 B100

Table 4-1
Soil Sampling Analytical Results
M-2 Landfill Site
Fort Monmouth, New Jersey

Lab Sample ID	NJDEP Cleanup Criteria (mg/kg)	4466.04	4466.05	4466.06	4466.07	4466.08	4466.09	4466.10	4466.11	4466.12	4466.13	4468.02	4468.03	4468.04	4468.05	4468.06	4468.07
Field Sample Location		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")	B120 (6-12")	B120 (24")	B121 (6-12")	B121 (24")
Sample Date		5/6/1999	5/6/1999	5/6/1999	5/6/1999	5/6/1999	5/6/1999	5/6/1999	5/6/1999	5/6/1999	5/6/1999	5/7/1999	5/7/1999	5/7/1999	5/7/1999	5/7/1999	5/7/1999
Volatiles (mg/kg)																	
Acetone	1000		4.40		4.20		4.30		ND		4.70		3.70		4.30		ND
Methylene Chloride	49		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
Semi-Volatiles (mg/kg)																	
Naphthalene	230	ND		ND		ND		ND		ND		ND		ND		ND	
2-Methylnaphthalene	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthylene	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthene	3400	ND		ND		ND		ND		ND		ND		ND		ND	
Dibenzofuran	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Diethylphthalate	10,000	ND		ND		ND		ND		ND		ND		ND		ND	
Fluorene	2300	ND		ND		ND		ND		ND		ND		ND		ND	
Azobenzene	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Phenanthrene	NLE	ND		0.14 J		0.26 J		ND		ND		ND		ND		0.2 J	
Anthracene	10,000	ND		ND		ND		ND		ND		ND		ND		ND	
Di-n-butylphthalate	5700	0.34JB		0.54JB		0.54JB		0.13JB		0.7JB		0.87JB		0.22JB		0.67JB	
Fluoranthene	2300	0.12 J		0.17 J		0.27 J		ND		ND		0.13 J		0.15 J		0.25 J	
Pyrene	1700	0.15 J		0.15 J		0.36 J		ND		ND		0.14 J		0.21 J		0.24 J	
Benzo[a]anthracene	0.9	ND		ND		0.18 J		ND		ND		ND		ND		0.14 J	
Chrysene	9	0.14 J		ND		0.3 J		ND		ND		ND		0.18 J		0.24 J	
bis(2-Ethylhexyl)phthalate	49	ND		0.19 J		0.14 J		0.18 J		0.12 J		0.32 J		ND		0.12 J	
Benzo[b]fluoranthene	0.9	ND		ND		0.14 J		ND		ND		ND		ND		ND	
Benzo[k]fluoranthene	0.9	ND		ND		0.14 J		ND		ND		ND		ND		ND	
Benzo[a]pyrene	0.66	ND		ND		0.17 J		ND		ND		ND		ND		0.11 J	
Indeno[1,2,3-cd]pyrene	0.9	ND		ND		ND		ND		ND		ND		ND		ND	
Dibenz[a,h]anthracene	0.66	ND		ND		ND		ND		ND		ND		ND		ND	
Benzo[g,h,I]perylene	NLE	ND		ND		0.15 J		ND		ND		ND		ND		ND	
Pesticides/PCBs (mg/kg)																	
gamma-BHC	0.52	ND		ND		ND		ND		ND		ND		ND		ND	
Heptachlor Epoxide	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDE	2	0.044		0.013		ND		ND		ND		0.34		0.019		0.023	
Dieldrin	0.042	ND		ND		ND		ND		ND		ND		ND		ND	
Endrin	17	ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDD	3	0.027		ND		ND		ND		ND		0.172		0.022		0.014	
4,4'-DDT	2	0.028		0.034		ND		ND		ND		1.836		0.124		0.057	
gamma-Chlordane	NLE	0.024		ND		ND		ND		ND		ND		0.012		ND	
alpha-Chlordane	NLE	0.017		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1016	0.49	ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1242	0.49	ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1248	0.49	ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1254	0.49	ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1260	0.49	ND		ND		ND		ND		ND		ND		**1.764**		ND	
Metals (mg/kg)																	
Aluminum	NLE	9570		11500		5010		16200		10100		18400		13200		17700	
Antimony	14	1.24		0.72		1.28		0.789		0.538		1.25		0.913		0.942	
Arsenic	20	8.85		10.7		4.37		17.1		5.19		17.7		15.5		12.4	
Barium	700	26.3		32.6		11.5		42.5		21.7		19.7		29.8		37.4	
Beryllium	2	0.754		0.762		0.327		1.38		0.383		1.52		1.19		1.13	
Cadmium	39	4.3		ND		ND		ND		0.802		ND		ND		ND	
Calcium	NLE	1790		3650		852		2850		275		868		1640		1170	
Chromium	NLE	64.1		79.7		58.3		143		44		135		128		111	
Cobalt	NLE	2.74		2.32		1.15		2.46		1.39		2.02		1.38		2.39	
Copper	600	26.6		15.1		15.2		29		7.12		12.9		21.8		20	
Iron	NLE	26000		25600		14000		40600		15400		45400		33200		33300	
Lead	400	37.9		30.4		16.1		42.1		8.74		30.4		30.1		32	
Magnesium	NLE	2140		2190		799		4660		899		4540		3770		3310	
Manganese	NLE	69.7		212		41.4		153		54.7		52.9		57		51.8	
Mercury	14	0.073		0.071		ND		0.08		0.035		0.043		0.063		0.269	
Nickel	250	7.32		7.96		3.01		69.4		4.46		8.97		6.78		7.78	
Potassium	NLE	4490		4130		1880		11300		2320		11600		9600		8270	
Selenium	63	0.781		0.808		ND		0.897		ND		1.34		0.817		0.913	
Silver	110	ND		ND		ND		ND		ND		ND		ND		ND	
Sodium	NLE	178		201		218		215		58.2		132		247		203	
Thallium	2	ND		ND		ND		ND		ND		ND		ND		ND	
Vanadium	370	44.9		43.3		43.1		59.8		35.6		63.1		51.1		65.2	
Zinc	1500	83.9		87.2		52.4		102		35.2		70.5		71.7		62.3	

Notes:
All concentrations in milligrams per kilogram (mg/kg)
E = Value exceeded linear range
D = Value from dilution
B = Compound in related blank
NS:= Not Sampled
ND:= Analyte not detected in sample
NLE:= No cleanup standard exists for this analyte
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.
N = Presumptive evidence of a compound
*Resample for 4443.08 for Pest/PCB ref#4526.01 B100

Table 4-1
Soil Sampling Analytical Results
M-2 Landfill Site
Fort Monmouth, New Jersey

Lab Sample ID	NJDEP Cleanup Criteria (mg/kg)	4468.08	4468.09	4468.10	4468.11	4468.12	4468.13	4468.14	4468.15	4468.16	4468.17	4468.18	4468.19	4472.02	4472.03	4472.04	4472.05
Field Sample Location		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		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	5/7/1999	5/7/1999	5/10/1999	5/10/1999	5/10/1999	5/10/1999
Volatiles (mg/kg)																	
Acetone	1000		ND		ND		ND		ND		ND		ND		ND		ND
Methylene Chloride	49		ND		ND		ND		ND		ND		ND		ND		ND
Toluene	1000		ND		ND		ND		ND		ND		ND		ND		ND
Chlorobenzene	37		ND		ND		ND		ND		ND		ND		ND		ND
Semi-Volatiles (mg/kg)																	
Naphthalene	230	ND		ND		ND		ND		ND		ND		ND		ND	
2-Methylnaphthalene	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthylene	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthene	3400	ND		ND		0.16 J		ND		ND		ND		ND		ND	
Dibenzofuran	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Diethylphthalate	10,000	ND		ND		ND		ND		ND		ND		ND		ND	
Fluorene	2300	ND		ND		ND		ND		ND		ND		ND		ND	
Azobenzene	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Phenanthrene	NLE	ND		ND		1.3		ND		ND		ND		0.21 J		0.18 J	
Anthracene	10,000	ND		ND		0.23 J		ND		ND		ND		ND		ND	
Di-n-butylphthalate	5700	0.17JB		0.25JB		ND		ND		0.29JB		0.56JB		0.67JB		0.61JB	
Fluoranthene	2300	ND		ND		1.6		0.2 J		ND		ND		0.35 J		0.3 J	
Pyrene	1700	ND		ND		1.8		0.27 J		ND		ND		0.38 J		0.32 J	
Benzo[a]anthracene	0.9	ND		ND		0.72 J		0.15 J		ND		ND		0.18 J		0.19 J	
Chrysene	9	ND		ND		1.1 J		0.25 J		ND		ND		0.41 J		0.37 J	
bis(2-Ethylhexyl)phthalate	49	ND		ND		ND		0.39 J		ND		ND		0.26 J		0.27 J	
Benzo[b]fluoranthene	0.9	ND		ND		0.44 J		0.14 J		ND		ND		0.17 J		0.18 J	
Benzo[k]fluoranthene	0.9	ND		ND		0.44 J		0.13 J		ND		ND		0.18 J		0.15 J	
Benzo[a]pyrene	0.66	ND		ND		0.54 J		0.16 J		ND		ND		0.19 J		0.19 J	
Indeno[1,2,3-cd]pyrene	0.9	ND		ND		0.34 J		ND		ND		ND		0.13 J		ND	
Dibenz[a,h]anthracene	0.66	ND		ND		ND		ND		ND		ND		ND		ND	
Benzo[g,h,I]perylene	NLE	ND		ND		0.44 J		ND		ND		ND		0.14 J		ND	
Pesticides/PCBs (mg/kg)																	
gamma-BHC	0.52	ND		ND		ND		ND		ND		ND		ND		ND	
Heptachlor Epoxide	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDE	2	ND		0.013		0.012		0.026		ND		0.013		0.021		0.035	
Dieldrin	0.042	ND		ND		ND		ND		ND		ND		ND		ND	
Endrin	17	ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDD	3	ND		ND		ND		0.022		ND		0.017		0.025		0.059	
4,4'-DDT	2	ND		ND		ND		ND		ND		0.038		ND		0.04	
gamma-Chlordane	NLE	ND		ND		ND		ND		ND		ND		ND		0.015	
alpha-Chlordane	NLE	ND		ND		ND		ND		ND		ND		ND		0.013	
Arochlor 1016	0.49	ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1242	0.49	ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1248	0.49	ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1254	0.49	ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1260	0.49	ND		ND		ND		ND		ND		ND		ND		ND	
Metals (mg/kg)																	
Aluminum	NLE	12000		17200		18600		12800		5780		12600		11000		10500	
Antimony	14	0.57		1.12		0.932		1.1		1.02		1.1		1.43		0.861	
Arsenic	20	10.1		13.2		15.6		10.4		4.47		**21.2**		10.3		8.7	
Barium	700	20.4		38.7		49.9		37.6		9.7		19.2		33.8		35.3	
Beryllium	2	1.18		1.32		1.68		0.949		0.29		1.01		0.907		0.816	
Cadmium	39	ND		ND		0.885		ND		ND		ND		1.34		0.595	
Calcium	NLE	705		3480		2810		2710		111		1260		2530		1930	
Chromium	NLE	99		157		136		97.5		30.9		103		170		81.4	
Cobalt	NLE	1.86		2.88		3.64		2.84		1.08		1.3		2.46		2.29	
Copper	600	9.03		25.5		21.4		22.9		4.32		12.1		20.5		19.9	
Iron	NLE	34500		40400		48900		30700		13100		29000		28500		25500	
Lead	400	9.95		36.5		43.3		47.6		5.27		18.7		41.9		72.7	
Magnesium	NLE	3180		4520		4670		3320		575		2430		3590		2800	
Manganese	NLE	37.5		298		147		175		35.3		56.1		164		66	
Mercury	14	0.04		0.054		0.099		0.101		0.066		0.153		0.619		1.571	
Nickel	250	6.58		9.28		11.2		17		3.53		6.12		9.27		7.78	
Potassium	NLE	9010		10100		12700		7370		1450		5980		6860		5660	
Selenium	63	ND		1.08		1.02		0.902		0.711		2.28		1.27		1.36	
Silver	110	ND		ND		ND		ND		ND		ND		ND		ND	
Sodium	NLE	131		222		199		222		94.4		111		141		158	
Thallium	2	ND		ND		ND		ND		ND		ND		ND		ND	
Vanadium	370	50.7		65.6		63.1		49.9		26.5		40		48.3		50	
Zinc	1500	54.1		95.6		125		125		29.6		72		83.7		87.4	

Notes:
All concentrations in milligrams per kilogram (mg/kg)
E = Value exceeded linear range
D = Value from dilution
B = Compound in related blank
NS:= Not Sampled
ND:= Analyte not detected in sample
NLE:= No cleanup standard exists for this analyte
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.
N = Presumptive evidence of a compound
*Resample for 4443.08 for Pest/PCB ref#4526.01 B100

Table 4-1
Soil Sampling Analytical Results
M-2 Landfill Site
Fort Monmouth, New Jersey

Lab Sample ID	NJDEP Cleanup Criteria (mg/kg)	4472.06	4472.07	4472.08	4472.09	4472.10	4472.11	4472.12	4472.13	4472.14	4472.15	4472.16	4472.17	4472.18	4472.19	4472.20	4472.21
Field Sample Location		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")
Sample Date		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	5/10/1999	5/10/1999	5/10/1999	5/10/1999	5/10/1999	5/10/1999
Volatiles (mg/kg)																	
Acetone	1000		ND		ND		ND		ND		ND		ND		ND		ND
Methylene Chloride	49		ND		ND		ND		ND		ND		ND		ND		ND
Toluene	1000		ND		ND		ND		ND		ND		ND		ND		ND
Chlorobenzene	37		ND		ND		ND		ND		ND		ND		ND		ND
Semi-Volatiles (mg/kg)																	
Naphthalene	230	ND		0.4 J		ND		ND		ND		ND		ND		ND	
2-Methylnaphthalene	NLE	ND		0.16 J		ND		ND		ND		ND		ND		ND	
Acenaphthylene	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthene	3400	ND		0.58 J		ND		ND		ND		ND		ND		ND	
Dibenzofuran	NLE	ND		0.31 J		ND		ND		ND		ND		ND		ND	
Diethylphthalate	10,000	ND		ND		ND		0.11 J		ND		0.17 J		ND		ND	
Fluorene	2300	ND		0.5 J		ND		ND		ND		ND		ND		ND	
Azobenzene	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Phenanthrene	NLE	0.16 J		4.0		0.71 J		ND		ND		ND		ND		0.21 J	
Anthracene	10,000	ND		0.75 J		0.21 J		ND		ND		ND		ND		ND	
Di-n-butylphthalate	5700	0.19JB		0.81JB		0.48JB		0.16JB		0.55JB		0.45JB		0.88JB		0.93JB	
Fluoranthene	2300	0.26 J		4.2		1.9		ND		ND		0.23 J		ND		0.34 J	
Pyrene	1700	0.29 J		3.4		1.5		ND		ND		0.2 J		ND		0.29 J	
Benzo[a]anthracene	0.9	0.17 J		**1.6**		0.84 J		ND		ND		ND		ND		0.18 J	
Chrysene	9	0.33 J		2.8		1.4		ND		ND		0.29 J		ND		0.34 J	
bis(2-Ethylhexyl)phthalate	49	0.15 J		0.12 J		0.16 J		ND		0.14 J		0.22 J		0.17 J		0.15 J	
Benzo[b]fluoranthene	0.9	0.18 J		**1.3**		0.68 J		ND		ND		0.12 J		ND		0.15 J	
Benzo[k]fluoranthene	0.9	0.18 J		**1.3**		0.63 J		ND		ND		ND		ND		0.15 J	
Benzo[a]pyrene	0.66	0.21 J		**1.6**		**0.77 J**		ND		ND		ND		ND		0.17 J	
Indeno[1,2,3-cd]pyrene	0.9	0.15 J		0.9 J		0.44 J		ND		ND		ND		ND		ND	
Dibenz[a,h]anthracene	0.66	ND		0.29 J		ND		ND		ND		ND		ND		ND	
Benzo[g,h,I]perylene	NLE	0.16 J		0.93 J		0.45 J		ND		ND		ND		ND		ND	
Pesticides/PCBs (mg/kg)																	
gamma-BHC	0.52	ND		ND		ND		ND		ND		ND		ND		ND	
Heptachlor Epoxide	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDE	2	0.014		0.01		0.018		ND		ND		0.029		0.021		0.018	
Dieldrin	0.042	ND		ND		ND		ND		ND		0.029		ND		ND	
Endrin	17	ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDD	3	0.019		ND		ND		ND		ND		0.044		0.08		0.033	
4,4'-DDT	2	ND		ND		ND		ND		ND		0.032		ND		ND	
gamma-Chlordane	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
alpha-Chlordane	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1016	0.49	ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1242	0.49	ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1248	0.49	ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1254	0.49	ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1260	0.49	ND		ND		ND		ND		ND		ND		ND		ND	
Metals (mg/kg)																	
Aluminum	NLE	12100		17300		12500		5940		8930		12500		7700		9250	
Antimony	14	1.1		1.16		0.712		ND		ND		1.19		0.903		0.971	
Arsenic	20	19.4		15.1		11		4.56		4.2		16.2		14.9		6.79	
Barium	700	42.5		54.3		32.4		24		16.8		29.6		83.4		27.2	
Beryllium	2	1.15		1.82		1.28		0.331		0.359		1.06		1.12		0.697	
Cadmium	39	0.699		0.697		0.563		0.246		0.217		1.21		0.413		0.681	
Calcium	NLE	5190		800		2610		353		180		1910		2110		1710	
Chromium	NLE	175		235		104		37.3		37.6		115		113		63.8	
Cobalt	NLE	2.13		1.04		2.63		1.52		1.46		1.72		1.24		2.08	
Copper	600	24.3		11.8		11		10.8		4.3		28.8		11		11.9	
Iron	NLE	44500		56500		39300		14400		15100		33100		32000		23400	
Lead	400	29.8		11.2		28.4		10.5		5.79		36.9		13.4		40.4	
Magnesium	NLE	4380		7390		4170		899		993		3750		3950		2400	
Manganese	NLE	503		31		87.8		65.2		38.6		66.2		50.5		62.6	
Mercury	14	0.585		0.292		0.244		0.161		0.241		0.627		0.202		0.19	
Nickel	250	7.67		7.75		9.48		3.71		4.0		8.01		5.68		7.74	
Potassium	NLE	8260		16900		9620		1930		2330		7480		9840		5040	
Selenium	63	2.7		3.06		1.02		0.808		ND		1.74		3.15		1.15	
Silver	110	ND		ND		ND		ND		ND		1.58		ND		ND	
Sodium	NLE	928		869		367		419		78.6		888		159		162	
Thallium	2	ND		ND		ND		ND		ND		ND		ND		ND	
Vanadium	370	52.6		71.9		53.6		32.9		32.7		59.5		31		52.1	
Zinc	1500	90.3		81		66.4		51.7		18.4		78.3		109		63.7	

Notes:
All concentrations in milligrams per kilogram (mg/kg)
E = Value exceeded linear range
D = Value from dilution
B = Compound in related blank
NS:= Not Sampled
ND:= Analyte not detected in sample
NLE:= No cleanup standard exists for this analyte
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.
N = Presumptive evidence of a compound
*Resample for 4443.08 for Pest/PCB ref#4526.01 B100

Table 4-1
Soil Sampling Analytical Results
M-2 Landfill Site
Fort Monmouth, New Jersey

Lab Sample ID	NJDEP Cleanup Criteria (mg/kg)	4472.22	4472.23	4472.24	4472.25	4472.26	4472.27	4472.28	4472.29	4472.30	4472.31	4475.02	4475.03	4475.04	4475.05
Field Sample Location		B138 (6-12")	B138 (24")	B139 (6-12")	B139 (24")	B140 (6-12")	B140 (24")	B141 (6-12")	B141 (24")	B142 (6-12")	B142 (24")	B142A (6-12")	B142A (24")	B143 (6-12")	B143 (24")
Sample Date		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
Volatiles (mg/kg)															
Acetone	1000		ND		ND		ND		ND		ND		ND		ND
Methylene Chloride	49		ND		ND		ND		ND		3.20		ND		ND
Toluene	1000		ND		ND		ND		ND		ND		ND		ND
Chlorobenzene	37		ND		ND		ND		ND		ND		ND		ND
Semi-Volatiles (mg/kg)															
Naphthalene	230	ND		ND		ND		ND		ND		ND		ND	
2-Methylnaphthalene	NLE	ND		ND		ND		ND		ND		ND		ND	
Acenaphthylene	NLE	ND		ND		ND		ND		ND		ND		ND	
Acenaphthene	3400	ND		ND		ND		ND		ND		ND		ND	
Dibenzofuran	NLE	ND		ND		ND		ND		ND		ND		ND	
Diethylphthalate	10,000	ND		ND		ND		ND		0.18 J		ND		ND	
Fluorene	2300	ND		ND		ND		ND		ND		ND		ND	
Azobenzene	NLE	ND		ND		ND		ND		ND		ND		ND	
Phenanthrene	NLE	ND		ND		0.11 J		0.11 J		ND		ND		ND	
Anthracene	10,000	ND		ND		ND		ND		ND		ND		ND	
Di-n-butylphthalate	5700	0.23JB		0.41JB		0.23JB		0.81JB		0.15JB		0.24JB		0.41JB	
Fluoranthene	2300	ND		0.34 J		0.16 J		0.24 J		ND		ND		ND	
Pyrene	1700	ND		0.33 J		0.15 J		0.25 J		ND		ND		ND	
Benzo[a]anthracene	0.9	ND		0.24 J		ND		0.13 J		ND		ND		ND	
Chrysene	9	ND		0.46 J		0.18 J		0.28 J		ND		ND		ND	
bis(2-Ethylhexyl)phthalate	49	ND		0.13 J		0.21 J		0.33 J		ND		ND		ND	
Benzo[b]fluoranthene	0.9	ND		0.26 J		ND		0.13 J		ND		ND		ND	
Benzo[k]fluoranthene	0.9	ND		0.23 J		ND		0.12 J		ND		ND		ND	
Benzo[a]pyrene	0.66	ND		0.27 J		ND		0.15 J		ND		ND		ND	
Indeno[1,2,3-cd]pyrene	0.9	ND		0.18 J		ND		ND		ND		ND		ND	
Dibenz[a,h]anthracene	0.66	ND		ND		ND		ND		ND		ND		ND	
Benzo[g,h,I]perylene	NLE	ND		0.17 J		ND		ND		ND		ND		ND	
Pesticides/PCBs (mg/kg)															
gamma-BHC	0.52	ND		ND		ND		ND		ND		ND		ND	
Heptachlor Epoxide	NLE	ND		ND		ND		ND		ND		ND		ND	
4,4'-DDE	2	0.056		0.019		0.01		0.061		ND		**3.705**		0.018	
Dieldrin	0.042	ND		ND		ND		ND		ND		ND		ND	
Endrin	17	ND		ND		ND		ND		ND		ND		ND	
4,4'-DDD	3	0.21		0.033		ND		0.101		ND		1.75		0.022	
4,4'-DDT	2	ND		0.028		ND		0.083		ND		**6.811**		ND	
gamma-Chlordane	NLE	0.019		ND		ND		ND		ND		ND		ND	
alpha-Chlordane	NLE	ND		ND		ND		ND		ND		ND		ND	
Arochlor 1016	0.49	ND		ND		ND		ND		ND		ND		ND	
Arochlor 1242	0.49	ND		ND		ND		ND		ND		ND		ND	
Arochlor 1248	0.49	ND		ND		ND		ND		ND		ND		ND	
Arochlor 1254	0.49	ND		ND		ND		ND		ND		ND		ND	
Arochlor 1260	0.49	ND		ND		ND		ND		ND		ND		ND	
Metals (mg/kg)															
Aluminum	NLE	6700		12000		4170		7960		5100		6510		10700	
Antimony	14	3.4		0.868		ND		0.681		ND		0.939		1.3	
Arsenic	20	6.9		13.7		5.02		7.29		3.81		7.77		11.5	
Barium	700	38.8		40.1		17.5		44.6		8.96		13.2		46.5	
Beryllium	2	0.564		1.12		0.399		0.66		0.281		0.751		1.18	
Cadmium	39	0.328		0.573		0.382		0.406		0.252		0.369		0.616	
Calcium	NLE	1710		1820		6300		1410		117		384		1380	
Chromium	NLE	41.9		99.7		41.7		62.3		32.1		54.7		107	
Cobalt	NLE	4.96		2.61		1.71		2.17		1.32		1.31		1.43	
Copper	600	51.8		11.2		14.7		11.8		3.93		9.12		43.2	
Iron	NLE	20300		35900		14600		18800		13600		18200		34700	
Lead	400	37.4		18		30		29.2		4.95		38.6		39.1	
Magnesium	NLE	2160		4090		3700		2020		696		1060		3520	
Manganese	NLE	59.4		68.7		120		90.7		33.6		11.9		27.2	
Mercury	14	0.522		0.282		0.207		0.213		0.161		0.605		5.836	
Nickel	250	8.55		8.1		5.56		6.06		3.28		6.5		6.33	
Potassium	NLE	3070		9380		2790		4070		1480		2160		7830	
Selenium	63	ND		1.57		0.708		1.01		ND		1.44		1.75	
Silver	110	ND		ND		ND		ND		ND		ND		ND	
Sodium	NLE	197		150		334		245		110		96		133	
Thallium	2	ND		ND		ND		ND		ND		ND		ND	
Vanadium	370	31.2		51.6		22.6		36.3		28.6		51.5		48.9	
Zinc	1500	122		94.6		56.5		54.9		15.6		52.4		55.2	

Notes:
All concentrations in milligrams per kilogram (mg/kg)
E = Value exceeded linear range
D = Value from dilution
B = Compound in related blank
NS:= Not Sampled
ND:= Analyte not detected in sample
NLE:= No cleanup standard exists for this analyte
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.
N = Presumptive evidence of a compound
*Resample for 4443.08 for Pest/PCB ref#4526.01 B100

Table 4-1
Soil Sampling Analytical Results
M-2 Landfill Site
Fort Monmouth, New Jersey

Lab Sample ID	NJDEP Cleanup Criteria (mg/kg)	4475.06	4475.07	4475.08	4475.09	4475.10	4475.11	4475.12	4475.13	4475.14	4475.15	4475.16	4475.17	4475.18	4475.19	4475.20	4475.21
Field Sample Location		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")	B150 (6-12")	B150 (24")	B151 (6-12")	B151 (24")
Sample Date		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	5/11/1999	5/11/1999	5/11/1999	5/11/1999
Volatiles (mg/kg)																	
Acetone	1000		ND		ND		ND		ND		ND		ND		ND		ND
Methylene Chloride	49		ND		ND		ND		ND		ND		ND		ND		ND
Toluene	1000		ND		ND		ND		ND		ND		ND		ND		ND
Chlorobenzene	37		ND		ND		ND		ND		ND		ND		ND		ND
Semi-Volatiles (mg/kg)																	
Naphthalene	230	ND		ND		ND		ND		ND		ND		ND		ND	
2-Methylnaphthalene	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthylene	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthene	3400	ND		ND		ND		ND		ND		ND		ND		ND	
Dibenzofuran	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Diethylphthalate	10,000	ND		ND		ND		ND		ND		ND		ND		ND	
Fluorene	2300	ND		ND		ND		ND		ND		ND		ND		ND	
Azobenzene	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Phenanthrene	NLE	0.15 J		ND		ND		ND		ND		ND		ND		0.65 J	
Anthracene	10,000	3.4		ND		ND		ND		ND		ND		ND		0.17 J	
Di-n-butylphthalate	5700	0.25JB		0.96JB		0.22JB		0.67JB		0.58JB		0.52JB		0.82JB		0.83JB	
Fluoranthene	2300	0.3 J		0.26 J		0.18 J		0.12 J		ND		ND		0.2 J		0.84 J	
Pyrene	1700	0.25 J		0.26 J		0.17 J		0.13 J		ND		ND		0.18 J		0.61 J	
Benzo[a]anthracene	0.9	0.19 J		0.2 J		0.11 J		ND		ND		ND		0.13 J		0.36 J	
Chrysene	9	1.1 J		0.53 J		0.21 J		0.17 J		ND		ND		0.26 J		0.62 J	
bis(2-Ethylhexyl)phthalate	49	ND		0.16 J		ND		ND		ND		ND		ND		0.18 J	
Benzo[b]fluoranthene	0.9	0.28 J		0.28 J		0.11 J		ND		ND		ND		0.14 J		0.32 J	
Benzo[k]fluoranthene	0.9	0.27 J		0.2 J		ND		ND		ND		ND		0.11 J		0.31 J	
Benzo[a]pyrene	0.66	0.21 J		0.21 J		0.11 J		ND		ND		ND		0.13 J		0.33 J	
Indeno[1,2,3-cd]pyrene	0.9	ND		ND		ND		ND		ND		ND		ND		0.18 J	
Dibenz[a,h]anthracene	0.66	ND		ND		ND		ND		ND		ND		ND		ND	
Benzo[g,h,I]perylene	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Pesticides/PCBs (mg/kg)																	
gamma-BHC	0.52	ND		ND		ND		ND		ND		ND		ND		ND	
Heptachlor Epoxide	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDE	2	0.044		0.06		0.052		0.018		ND		ND		0.074		0.039	
Dieldrin	0.042	ND		ND		ND		ND		ND		ND		ND		ND	
Endrin	17	ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDD	3	0.058		0.055		0.041		0.021		ND		ND		0.135		0.045	
4,4'-DDT	2	0.881		ND		ND		0.264		ND		ND		0.141		0.033	
gamma-Chlordane	NLE	ND		ND		0.019		ND		ND		ND		ND		0.016	
alpha-Chlordane	NLE	ND		ND		0.028		ND		ND		ND		ND		0.013	
Arochlor 1016	0.49	ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1242	0.49	ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1248	0.49	ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1254	0.49	ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1260	0.49	ND		ND		ND		ND		ND		ND		ND		ND	
Metals (mg/kg)																	
Aluminum	NLE	6430		5810		12100		9420		5030		7100		12400		9880	
Antimony	14	0.881		1.51		0.818		0.752		0.681		3.21		1.13		0.99	
Arsenic	20	15.1		6.54		8.66		6.38		4.28		**27.4**		9.48		7.41	
Barium	700	68.4		33.6		39.5		30.4		19.2		453		51.7		78.4	
Beryllium	2	1.02		0.593		1.22		0.90		0.291		0.769		1.23		0.641	
Cadmium	39	0.723		1.03		0.675		0.492		0.735		2.53		0.724		1.15	
Calcium	NLE	2580		3760		1590		874		317		4200		769		1940	
Chromium	NLE	81.8		49.8		113		84.8		32.3		67.6		135		65.5	
Cobalt	NLE	1.55		2.17		1.84		1.42		1.1		3.28		1.58		1.94	
Copper	600	9.73		22.6		23.1		5.32		6.29		266		13.1		14.8	
Iron	NLE	25700		18000		35600		25600		13400		20300		37500		19500	
Lead	400	21.2		48.8		22.6		20.3		7.38		189		26.5		61	
Magnesium	NLE	2760		1870		4190		3030		766		1900		3660		2450	
Manganese	NLE	69.3		85		56.2		31.9		50.1		4680		16.2		82.6	
Mercury	14	0.731		0.461		0.366		0.345		0.249		1.686		0.538		1.396	
Nickel	250	6.8		8.21		6.74		5.12		3.03		7.94		7.28		6.14	
Potassium	NLE	6910		3720		9750		7180		1660		2240		8250		3750	
Selenium	63	1.98		1.38		1.04		1.06		1.05		1.82		1.5		0.928	
Silver	110	ND		ND		ND		ND		ND		0.63		ND		ND	
Sodium	NLE	164		446		180		156		393		122		116		218	
Thallium	2	ND		ND		ND		ND		ND		ND		ND		ND	
Vanadium	370	25.3		32		54.7		43.5		28.9		28.1		84.4		38	
Zinc	1500	67.6		117		107		38.1		25		**4510**		57.2		68.5	

Notes:
All concentrations in milligrams per kilogram (mg/kg)
E = Value exceeded linear range
D = Value from dilution
B = Compound in related blank
NS:= Not Sampled
ND:= Analyte not detected in sample
NLE:= No cleanup standard exists for this analyte
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.
N = Presumptive evidence of a compound
*Resample for 4443.08 for Pest/PCB ref#4526.01 B100

Table 4-1
Soil Sampling Analytical Results
M-2 Landfill Site
Fort Monmouth, New Jersey

Lab Sample ID	NJDEP Cleanup Criteria (mg/kg)	4475.22	4475.23	4475.24	4475.25	4475.26	4475.27	4475.28	4475.29	4475.30	4475.31	4475.32	4475.33	4485.02	4485.03	4485.04	4485.05
Field Sample Location		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		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	5/14/1999	5/14/1999	5/14/1999	5/14/1999
Volatiles (mg/kg)																	
Acetone	1000		ND		ND		ND		ND		ND		ND		ND		ND
Methylene Chloride	49		ND		ND		ND		ND		ND		ND		ND		ND
Toluene	1000		ND		ND		ND		ND		ND		ND		ND		ND
Chlorobenzene	37		ND		ND		ND		ND		ND		ND		ND		ND
Semi-Volatiles (mg/kg)																	
Naphthalene	230	ND		ND		ND		ND		ND		ND		ND		ND	
2-Methylnaphthalene	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthylene	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthene	3400	0.26 J		ND		ND		ND		ND		ND		ND		ND	
Dibenzofuran	NLE	0.14 J		ND		ND		ND		ND		ND		ND		ND	
Diethylphthalate	10,000	ND		ND		ND		ND		ND		ND		ND		ND	
Fluorene	2300	0.31 J		ND		ND		ND		ND		ND		ND		ND	
Azobenzene	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Phenanthrene	NLE	4.1		ND		0.17 J		ND		ND		ND		1.2 J		0.28 J	
Anthracene	10,000	0.99		ND		ND		ND		ND		ND		0.31 J		ND	
Di-n-butylphthalate	5700	0.65JB		0.9JB		0.76JB		0.64JB		ND		1.0 B		0.21 JB		0.15JB	
Fluoranthene	2300	6.2		0.18 J		0.27 J		0.12 J		ND		0.15 J		2.6		0.67 J	
Pyrene	1700	4.4		0.16 J		0.29 J		0.13 J		ND		0.13 J		1.8 J		0.51 J	
Benzo[a]anthracene	0.9	**2.4**		ND		0.13 J		ND		ND		ND		**0.98 J**		0.33 J	
Chrysene	9	3.7		ND		0.28 J		ND		ND		0.17 J		1.4		0.55 J	
bis(2-Ethylhexyl)phthalate	49	ND		ND		0.35 J		ND		ND		ND		0.2 J		0.13 J	
Benzo[b]fluoranthene	0.9	**1.9**		ND		0.17 J		ND		ND		ND		0.85 J		0.31 J	
Benzo[k]fluoranthene	0.9	**1.3**		ND		0.12 J		ND		ND		ND		0.63 J		0.24 J	
Benzo[a]pyrene	0.66	**1.9**		ND		0.14 J		ND		ND		0.099 J		**0.84 J**		0.31 J	
Indeno[1,2,3-cd]pyrene	0.9	**1.1**		ND		ND		ND		ND		ND		0.5 J		ND	
Dibenz[a,h]anthracene	0.66	0.28 J		ND		ND		ND		ND		ND		ND		ND	
Benzo[g,h,i]perylene	NLE	1.0		ND		ND		ND		ND		ND		0.46 J		ND	
Pesticides/PCBs (mg/kg)																	
gamma-BHC	0.52	ND		ND		ND		ND		ND		ND		ND		ND	
Heptachlor Epoxide	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDE	2	0.049		0.112		0.047		ND		0.336		0.257		0.086		0.051	
Dieldrin	0.042	ND		ND		ND		ND		**0.068**		ND		ND		ND	
Endrin	17	ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDD	3	0.087		0.153		0.13		0.076		1.163		0.675		0.027		0.029	
4,4'-DDT	2	0.029		0.044		0.033		ND		1.163		0.741		0.085		ND	
gamma-Chlordane	NLE	0.025		0.027		0.017		ND		ND		ND		0.015		0.013	
alpha-Chlordane	NLE	0.018		0.017		0.016		ND		ND		ND		0.017		0.015	
Arochlor 1016	0.49	ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1242	0.49	ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1248	0.49	ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1254	0.49	ND		ND		ND		**1.672**		ND		ND		ND		ND	
Arochlor 1260	0.49	ND		ND		ND		ND		ND		ND		ND		ND	
Metals (mg/kg)																	
Aluminum	NLE	9750		14200		6460		10200		15000		12100		8310		6430	
Antimony	14	0.875		2.03		0.851		2.57		0.863		1.54		ND		ND	
Arsenic	20	6.16		14.3		6.04		**67.1**		15.1		9.62		9.26		6.63	
Barium	700	35.7		81.2		26.5		501		20.8		33.6		56.5		38.8	
Beryllium	2	0.671		1.48		0.587		1.34		**2.00**		1.18		0.758		0.663	
Cadmium	39	0.544		1.00		0.882		1.29		1.52		0.472		0.831		0.477	
Calcium	NLE	1920		3310		1980		3390		501		1050		4000		3630	
Chromium	NLE	71.5		153		53.1		81.9		153		90.8		69.2		46.2	
Cobalt	NLE	2.85		3.1		1.83		4.46		2.88		2.86		2.87		3.61	
Copper	600	31.8		32.3		14.8		87.8		5.62		41.7		26.6		40.4	
Iron	NLE	21700		42500		18800		32800		57100		31600		21700		16400	
Lead	400	50.7		190		30.8		88.2		11.2		39		81.8		93.5	
Magnesium	NLE	2600		5730		2370		3760		6300		3590		2350		1660	
Manganese	NLE	186		177		62.4		1080		44.2		37		133		81.6	
Mercury	14	0.398		0.371		0.80		0.756		0.46		1.214		0.059		0.147	
Nickel	250	7.49		9.65		6.3		11.4		10.4		9.45		11.4		14.8	
Potassium	NLE	3700		12400		4200		5070		16900		6990		4760		2670	
Selenium	63	1.32		1.67		0.698		1.9		2.06		1.82		1.19		1.18	
Silver	110	ND		ND		ND		ND		ND		ND		ND		ND	
Sodium	NLE	183		381		692		447		115		130		206		139	
Thallium	2	ND		ND		ND		ND		ND		ND		ND		ND	
Vanadium	370	41.5		52.4		30.5		42.7		39.4		52.7		30.8		22.9	
Zinc	1500	88		217		68.7		532		72.9		63.3		161		202	

Notes:
All concentrations in milligrams per kilogram (mg/kg)
E = Value exceeded linear range
D = Value from dilution
B = Compound in related blank
NS:= Not Sampled
ND:= Analyte not detected in sample
NLE:= No cleanup standard exists for this analyte
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.
N = Presumptive evidence of a compound
*Resample for 4443.08 for Pest/PCB ref#4526.01 B100

Table 4-1
Soil Sampling Analytical Results
M-2 Landfill Site
Fort Monmouth, New Jersey

Lab Sample ID	NJDEP Cleanup Criteria (mg/kg)	4485.06	4485.07	4485.08	4485.09	4485.10	4485.11	4485.12	4485.13	4485.14	4485.15	4485.16	4485.17	4485.18	4485.19	4485.20	4485.21
Field Sample Location		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")
Sample Date		5/14/1999	5/14/1999	5/14/1999	5/14/1999	5/14/1999	5/14/1999	5/14/1999	5/14/1999	5/14/1999	5/14/1999	5/14/1999	5/14/1999	5/14/1999	5/14/1999	5/14/1999	5/14/1999
Volatiles (mg/kg)																	
Acetone	1000		ND		ND		ND		ND		ND		ND		ND		ND
Methylene Chloride	49		ND		ND		ND		ND		ND		ND		ND		ND
Toluene	1000		ND		ND		ND		ND		ND		ND		ND		ND
Chlorobenzene	37		ND		ND		ND		ND		ND		ND		ND		ND
Semi-Volatiles (mg/kg)																	
Naphthalene	230	ND		ND		ND		ND		ND		ND		ND		ND	
2-Methylnaphthalene	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthylene	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthene	3400	ND		ND		ND		ND		ND		ND		ND		ND	
Dibenzofuran	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Diethylphthalate	10,000	ND		ND		ND		ND		ND		ND		ND		ND	
Fluorene	2300	ND		ND		ND		ND		ND		ND		ND		ND	
Azobenzene	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Phenanthrene	NLE	0.21 J		0.39 J		0.25 J		ND		ND		ND		0.13 J		ND	
Anthracene	10,000	ND		ND		ND		ND		ND		ND		ND		ND	
Di-n-butylphthalate	5700	0.45JB		0.56JB		0.59JB		0.81JB		0.6JB		0.58JB		0.68JB		0.35JB	
Fluoranthene	2300	0.39 J		0.62 J		0.4 J		ND		0.25 J		ND		0.34 J		0.17 J	
Pyrene	1700	0.34 J		0.58 J		0.42 J		ND		0.26 J		ND		0.3 J		0.17 J	
Benzo[a]anthracene	0.9	0.19 J		0.37 J		0.2 J		ND		0.19 J		ND		0.18 J		ND	
Chrysene	9	0.32 J		0.78 J		0.36 J		ND		0.39 J		ND		0.33 J		ND	
bis(2-Ethylhexyl)phthalate	49	0.12 J		0.12 J		0.15 J		0.15 J		0.12 J		ND		0.19 J		ND	
Benzo[b]fluoranthene	0.9	0.16 J		0.49 J		0.2 J		ND		0.19 J		ND		0.2 J		ND	
Benzo[k]fluoranthene	0.9	0.13 J		0.4 J		0.16 J		ND		0.16 J		ND		0.17 J		ND	
Benzo[a]pyrene	0.66	0.17 J		0.55 J		0.2 J		ND		0.19 J		ND		ND		ND	
Indeno[1,2,3-cd]pyrene	0.9	ND		0.29 J		ND		ND		0.13 J		ND		ND		ND	
Dibenz[a,h]anthracene	0.66	ND		ND		ND		ND		ND		ND		ND		ND	
Benzo[g,h,I]perylene	NLE	ND		0.29 J		ND		ND		0.15 J		ND		ND		ND	
Pesticides/PCBs (mg/kg)																	
gamma-BHC	0.52	ND		ND		ND		ND		ND		ND		ND		ND	
Heptachlor Epoxide	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDE	2	0.023		0.032		ND		ND		0.042		ND		0.079		0.019	
Dieldrin	0.042	ND		ND		ND		ND		ND		ND		0.028		ND	
Endrin	17	ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDD	3	0.028		0.047		0.043		0.015		0.048		0.105		0.037		0.031	
4,4'-DDT	2	ND		ND		ND		ND		0.037		0.056		0.036		ND	
gamma-Chlordane	NLE	0.015		0.015		ND		ND		ND		ND		ND		ND	
alpha-Chlordane	NLE	0.011		0.013		ND		ND		ND		ND		0.017		ND	
Arochlor 1016	0.49	ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1242	0.49	ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1248	0.49	ND		ND		ND		ND		ND		**3.082**		ND		ND	
Arochlor 1254	0.49	ND		ND		**1.929**		ND		ND		ND		ND		ND	
Arochlor 1260	0.49	ND		ND		ND		ND		ND		ND		ND		ND	
Metals (mg/kg)																	
Aluminum	NLE	4760		5590		9010		12000		14000		9650		11800		12000	
Antimony	14	ND		0.612		1.06		0.553		1.17		8.45		1.57		0.82	
Arsenic	20	4.64		4.64		6.92		10.6		11.2		9.32		13.9		9.03	
Barium	700	23.3		49.5		31.3		39.4		51.5		39.1		57		39.4	
Beryllium	2	0.343		0.368		0.696		0.918		1.22		1.01		1.12		0.957	
Cadmium	39	0.352		0.465		0.666		0.478		0.922		1.24		1.11		0.568	
Calcium	NLE	1120		1170		1650		1610		908		1440		3300		1520	
Chromium	NLE	26.9		27.6		68		63.4		122		87.5		120		64.5	
Cobalt	NLE	1.65		1.54		2.4		3.31		2.12		5.22		3.41		3.7	
Copper	600	16.6		17.2		70.2		6.94		49.6		90		26.3		16.7	
Iron	NLE	11800		11500		22700		28500		33500		27500		29200		27100	
Lead	400	37.5		58.8		40.6		20.8		39.1		63.3		170		28.2	
Magnesium	NLE	950		979		2260		2600		4090		2900		3420		2560	
Manganese	NLE	61		63.9		78.6		87.9		45.5		180		141		87	
Mercury	14	0.16		0.193		0.255		0.285		4.75		3.85		1.2		2.628	
Nickel	250	4.98		5.23		7.37		9.39		8.24		9.52		13.7		8.92	
Potassium	NLE	1270		1350		4300		5840		9380		6530		7030		5720	
Selenium	63	0.665		0.869		1.26		0.915		1.5		1.24		1.32		1.29	
Silver	110	ND		ND		ND		ND		ND		1.11		2.65		ND	
Sodium	NLE	94.5		125		571		191		183		126		187		128	
Thallium	2	ND		ND		ND		ND		ND		ND		ND		ND	
Vanadium	370	19.6		20.7		50		45.4		63.8		48.2		48.7		44.7	
Zinc	1500	61.6		114		182		90.1		175		444		129		105	

Notes:
All concentrations in milligrams per kilogram (mg/kg)
E = Value exceeded linear range
D = Value from dilution
B = Compound in related blank
NS:= Not Sampled
ND:= Analyte not detected in sample
NLE:= No cleanup standard exists for this analyte
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.
N = Presumptive evidence of a compound
*Resample for 4443.08 for Pest/PCB ref#4526.01 B100

Table 4-1
Soil Sampling Analytical Results
M-2 Landfill Site
Fort Monmouth, New Jersey

Lab Sample ID	NJDEP Cleanup Criteria (mg/kg)	4485.22	4485.23	4485.24	4485.25	4485.26	4485.27	4491.02	4491.03	4491.04	4491.05	4491.06	4491.07	4491.08	4491.09	4491.10	4491.11
Field Sample Location		B168 (6-12")	B168 (24")	B169 (6-12")	B169 (24")	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")
Sample Date		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
Volatiles (mg/kg)																	
Acetone	1000		ND		ND		ND		ND		ND		ND		ND		ND
Methylene Chloride	49		ND		ND		ND		ND		ND		ND		ND		ND
Toluene	1000		ND		ND		ND		ND		ND		ND		ND		ND
Chlorobenzene	37		ND		ND		ND		ND		ND		ND		ND		ND
Semi-Volatiles (mg/kg)																	
Naphthalene	230	ND		ND		ND		ND		ND		ND		ND		ND	
2-Methylnaphthalene	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthylene	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthene	3400	ND		ND		ND		ND		ND		ND		ND		ND	
Dibenzofuran	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Diethylphthalate	10,000	ND		ND		ND		ND		ND		ND		ND		ND	
Fluorene	2300	ND		ND		ND		ND		ND		ND		ND		ND	
Azobenzene	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Phenanthrene	NLE	ND		ND		ND		ND		0.16 J		ND		ND		ND	
Anthracene	10,000	ND		ND		ND		ND		ND		ND		ND		ND	
Di-n-butylphthalate	5700	0.3JB		0.7JB		ND		0.71JB		1.2 B		0.27JB		0.38JB		0.69JB	
Fluoranthene	2300	ND		ND		ND		ND		0.24 J		ND		ND		ND	
Pyrene	1700	ND		ND		ND		ND		0.29 J		ND		ND		ND	
Benzo[a]anthracene	0.9	ND		ND		ND		ND		0.18 J		ND		ND		ND	
Chrysene	9	ND		ND		ND		ND		0.33 J		ND		ND		ND	
bis(2-Ethylhexyl)phthalate	49	ND		0.11 J		ND		ND		0.54 J		ND		ND		ND	
Benzo[b]fluoranthene	0.9	ND		ND		ND		ND		0.18 J		ND		ND		ND	
Benzo[k]fluoranthene	0.9	ND		ND		ND		ND		0.13 J		ND		ND		ND	
Benzo[a]pyrene	0.66	ND		ND		ND		ND		0.18 J		ND		ND		ND	
Indeno[1,2,3-cd]pyrene	0.9	ND		ND		ND		ND		ND		ND		ND		ND	
Dibenz[a,h]anthracene	0.66	ND		ND		ND		ND		ND		ND		ND		ND	
Benzo[g,h,I]perylene	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Pesticides/PCBs (mg/kg)																	
gamma-BHC	0.52	ND		ND		ND		ND		ND		ND		ND		ND	
Heptachlor Epoxide	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDE	2	0.018		ND		ND		0.047		0.04		0.015		0.018		0.013	
Dieldrin	0.042	ND		ND		ND		ND		ND		ND		ND		ND	
Endrin	17	ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDD	3	0.037		0.017		ND		0.048		0.077		0.02		ND		0.017	
4,4'-DDT	2	0.285		ND		ND		0.038		0.025		ND		ND		ND	
gamma-Chlordane	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
alpha-Chlordane	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1016	0.49	ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1242	0.49	ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1248	0.49	ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1254	0.49	ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1260	0.49	ND		ND		ND		ND		ND		ND		ND		ND	
Metals (mg/kg)																	
Aluminum	NLE	12400		10100		7490		12200		12100		6100		8620		10600	
Antimony	14	0.579		ND		ND		2.04		1.61		0.884		1.02		0.51	
Arsenic	20	6.78		6.00		5.39		**31.4**		11.8		6.39		4.73		8.21	
Barium	700	41.1		33.5		23.9		40		62.6		22.6		30.6		58.4	
Beryllium	2	0.654		0.605		0.441		1.62		1.36		0.541		0.596		0.694	
Cadmium	39	0.411		0.338		0.288		2.17		2.71		1.35		0.866		0.995	
Calcium	NLE	1390		1120		1190		743		2220		767		1090		1190	
Chromium	NLE	44.8		38.9		34.5		121		121		42.9		50.6		37.6	
Cobalt	NLE	2.52		2.93		1.68		3.94		3.44		1.54		1.87		2.79	
Copper	600	11.9		8.46		6.49		114		53		93.1		18.7		14.3	
Iron	NLE	19800		16800		13700		37900		33400		15700		16500		21000	
Lead	400	51.5		26		13.3		116		52.5		24.9		46.5		126	
Magnesium	NLE	1950		1560		1320		4090		4050		1410		1810		1550	
Manganese	NLE	114		68		39.1		57.1		98.2		66.1		49.2		163	
Mercury	14	0.512		0.399		0.224		0.883		0.713		0.063		ND		0.144	
Nickel	250	6.55		5.92		4.33		8.64		14.3		4.1		5.42		8.02	
Potassium	NLE	3740		2950		2890		9360		9360		2560		3230		2080	
Selenium	63	ND		0.984		ND		1.59		1.78		0.85		1.01		0.872	
Silver	110	ND		ND		ND		1.2		ND		ND		ND		ND	
Sodium	NLE	205		172		139		109		249		89.7		126		121	
Thallium	2	ND		ND		ND		ND		ND		ND		ND		ND	
Vanadium	370	38.5		29.6		23.3		61.6		60.1		29.8		35.4		42.2	
Zinc	1500	56.4		43.6		25.3		110		228		54.3		64		83.5	

Notes:
All concentrations in milligrams per kilogram (mg/kg)
E = Value exceeded linear range
D = Value from dilution
B = Compound in related blank
NS:= Not Sampled
ND:= Analyte not detected in sample
NLE:= No cleanup standard exists for this analyte
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.
N = Presumptive evidence of a compound
*Resample for 4443.08 for Pest/PCB ref#4526.01 B100

Table 4-1
Soil Sampling Analytical Results
M-2 Landfill Site
Fort Monmouth, New Jersey

Lab Sample ID	NJDEP Cleanup Criteria (mg/kg)	4491.12		4491.13		4491.14		4491.15		4491.16		4491.17		4491.18		4491.19		4491.20		4491.21		4491.22		4491.23		4491.24		4491.25		4491.26		4491.27	
Field Sample Location		B176 (6-12")		B176 (24")		B177 (6-12")		B177 (24")		B178 (6-12")		B178 (24")		B179 (6-12")		B179 (24")		B180 (6-12")		B180 (24")		B181 (6-12")		B181 (24")		B182 (6-12")		B182 (24")		B183 (6-12")		B183 (24")	
Sample Date		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		5/17/1999		5/17/1999		5/17/1999	
Volatiles (mg/kg)																															
Acetone	1000			ND				ND				ND				ND				ND				ND				ND			
Methylene Chloride	49			ND				ND				ND				ND				ND				ND				ND			
Toluene	1000			ND				ND				ND				ND				ND				ND				ND			
Chlorobenzene	37			ND				ND				ND				ND				ND				ND				ND			
Semi-Volatiles (mg/kg)																															
Naphthalene	230	ND				ND				ND				ND				ND				ND				ND				ND	
2-Methylnaphthalene	NLE	ND				ND				ND				ND				ND				ND				ND				ND	
Acenaphthylene	NLE	ND				ND				ND				ND				ND				ND				ND				ND	
Acenaphthene	3400	ND				ND				ND				ND				ND				ND				ND				ND	
Dibenzofuran	NLE	ND				ND				ND				ND				ND				ND				ND				ND	
Diethylphthalate	10,000	ND				ND				ND				ND				ND				ND				0.12JB				ND	
Fluorene	2300	ND				ND				ND				ND				ND				ND				ND				ND	
Azobenzene	NLE	ND				ND				ND				ND				ND				ND				ND				ND	
Phenanthrene	NLE	0.16 J				ND				ND				ND				ND				ND				ND				ND	
Anthracene	10,000	ND				ND				ND				ND				ND				ND				ND				ND	
Di-n-butylphthalate	5700	0.2JB				1.JB				1.2B				0.32JB				0.12JB				ND				0.23JB				0.15JB	
Fluoranthene	2300	0.27 J				ND				ND				ND				ND				ND				ND				0.13 J	
Pyrene	1700	0.24 J				ND				ND				0.11 J				ND				ND				ND				0.13 J	
Benzo[a]anthracene	0.9	0.14 J				ND				ND				ND				ND				ND				ND				ND	
Chrysene	9	0.26 J				ND				ND				ND				ND				ND				ND				ND	
bis(2-Ethylhexyl)phthalate	49	ND				ND				0.12 J				ND				ND				ND				ND				0.13 J	
Benzo[b]fluoranthene	0.9	ND				ND				ND				ND				ND				ND				ND				ND	
Benzo[k]fluoranthene	0.9	ND				ND				ND				ND				ND				ND				ND				ND	
Benzo[a]pyrene	0.66	ND				ND				ND				ND				ND				ND				ND				ND	
Indeno[1,2,3-cd]pyrene	0.9	ND				ND				ND				ND				ND				ND				ND				ND	
Dibenz[a,h]anthracene	0.66	ND				ND				ND				ND				ND				ND				ND				ND	
Benzo[g,h,i]perylene	NLE	ND				ND				ND				ND				ND				ND				ND				ND	
Pesticides/PCBs (mg/kg)																															
gamma-BHC	0.52	ND				ND				ND				ND				ND				ND				ND				ND	
Heptachlor Epoxide	NLE	ND				ND				ND				ND				ND				ND				ND				ND	
4,4'-DDE	2	0.014				0.017				0.056				0.055				0.152				0.024				0.034				0.027	
Dieldrin	0.042	ND				ND				ND				ND				ND				ND				ND				ND	
Endrin	17	ND				ND				ND				ND				ND				ND				ND				ND	
4,4'-DDD	3	0.017				0.02				0.023				0.036				0.067				ND				ND				0.015	
4,4'-DDT	2	ND				ND				0.055				0.035				0.42				ND				0.04				ND	
gamma-Chlordane	NLE	0.013				ND				ND				ND				ND				ND				ND				ND	
alpha-Chlordane	NLE	ND				ND				ND				ND				ND				ND				ND				ND	
Arochlor 1016	0.49	ND				ND				ND				ND				ND				ND				ND				ND	
Arochlor 1242	0.49	ND				ND				**5.983**				ND				ND				ND				ND				ND	
Arochlor 1248	0.49	ND				ND				ND				ND				ND				ND				ND				ND	
Arochlor 1254	0.49	ND				ND				ND				ND				ND				ND				ND				ND	
Arochlor 1260	0.49	ND				ND				ND				ND				ND				ND				ND				ND	
Metals (mg/kg)																															
Aluminum	NLE	8970				10500				2330				2030				1290				1470				2070				1430	
Antimony	14	1.05				1.53				1.39				0.967				0.827				0.793				0.583				0.916	
Arsenic	20	8.91				7.03				5.95				5.21				7.52				3.35				9.57				4.12	
Barium	700	39.3				36.1				31.8				16.2				18.1				13.6				8.78				22.7	
Beryllium	2	0.717				0.793				0.243				0.525				0.218				0.147				0.171				0.192	
Cadmium	39	1.12				1.06				1.42				0.666				0.797				0.536				0.565				1.1	
Calcium	NLE	1790				2040				1050				611				1500				742				357				1800	
Chromium	NLE	59.9				69.4				16.1				17.3				9.21				9.27				13.7				6.03	
Cobalt	NLE	2.11				2.38				0.557				0.757				0.752				0.38				0.41				0.733	
Copper	600	21				24.1				16.8				33.2				26.8				13				11				18.9	
Iron	NLE	22800				22000				6590				7080				5970				3710				8760				5690	
Lead	400	68.8				61.7				12.7				22.9				21.1				12.6				9.58				62	
Magnesium	NLE	2270				2460				191				165				136				139				96.4				198	
Manganese	NLE	81.3				85.4				46.9				19.3				30.5				17.8				15.3				36.3	
Mercury	14	0.089				0.125				ND				1.9				0.805				1.11				0.361				0.545	
Nickel	250	10.4				7.65				6.38				2.14				2.79				1.35				1.2				2.91	
Potassium	NLE	4460				4760				224				210				278				134				140				283	
Selenium	63	1.28				0.908				ND				0.816				ND				ND				ND				ND	
Silver	110	ND				ND				ND				ND				ND				ND				ND				ND	
Sodium	NLE	151				142				82.2				78.9				101				73.6				58.8				83.8	
Thallium	2	ND				ND				ND				ND				ND				ND				ND				ND	
Vanadium	370	40				47.6				13.3				17.9				9.45				10				14.2				10.6	
Zinc	1500	75.6				82.4				161				33.3				47.1				24.6				18				47.6	

Notes:
All concentrations in milligrams per kilogram (mg/kg)
E = Value exceeded linear range
D = Value from dilution
B = Compound in related blank
NS:= Not Sampled
ND:= Analyte not detected in sample
NLE:= No cleanup standard exists for this analyte
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.
N = Presumptive evidence of a compound
*Resample for 4443.08 for Pest/PCB ref#4526.01 B100

Table 4-1
Soil Sampling Analytical Results
M-2 Landfill Site
Fort Monmouth, New Jersey

Lab Sample ID	NJDEP Cleanup Criteria (mg/kg)	4491.28	4491.29	4494.02	4494.03	4494.04	4494.05	4494.06	4494.07	4494.08	4494.09	4494.10	4494.11	4494.12	4494.13	4494.14	4494.15
Field Sample Location		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")	B190 (6-12")	B190 (24")	B191 (6-12")	B191 (24")
Sample Date		5/17/1999	5/17/1999	5/18/1999	5/18/1999	5/18/1999	5/18/1999	5/18/1999	5/18/1999	5/18/1999	5/18/1999	5/18/1999	5/18/1999	5/18/1999	5/18/1999	5/18/1999	5/18/1999
Volatiles (mg/kg)																	
Acetone	1000		ND		ND		ND		ND		ND		ND		ND		ND
Methylene Chloride	49		ND		ND		ND		ND		ND		ND		ND		ND
Toluene	1000		ND		ND		ND		ND		ND		ND		ND		ND
Chlorobenzene	37		ND		ND		ND		ND		ND		ND		ND		ND
Semi-Volatiles (mg/kg)																	
Naphthalene	230	ND		ND		ND		ND		ND		ND		ND		ND	
2-Methylnaphthalene	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthylene	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthene	3400	ND		ND		ND		ND		ND		ND		ND		ND	
Dibenzofuran	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Diethylphthalate	10,000	ND		ND		ND		ND		ND		ND		ND		ND	
Fluorene	2300	ND		ND		ND		ND		ND		ND		ND		ND	
Azobenzene	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Phenanthrene	NLE	ND		ND		ND		0.14 J		ND		ND		ND		ND	
Anthracene	10,000	ND		ND		ND		ND		ND		ND		ND		ND	
Di-n-butylphthalate	5700	0.12JB		0.2JB		0.14JB		0.32JB		0.33JB		0.15JB		0.51JB		0.41JB	
Fluoranthene	2300	ND		ND		0.14 J		0.3 J		ND		ND		ND		ND	
Pyrene	1700	ND		ND		0.17 J		0.31 J		ND		ND		0.12 J		0.14 J	
Benzo[a]anthracene	0.9	ND		ND		ND		0.19 J		ND		ND		ND		ND	
Chrysene	9	ND		ND		ND		0.35 J		ND		ND		ND		ND	
bis(2-Ethylhexyl)phthalate	49	ND		ND		ND		ND		ND		ND		ND		0.12JB	
Benzo[b]fluoranthene	0.9	ND		ND		ND		0.24 J		ND		ND		ND		ND	
Benzo[k]fluoranthene	0.9	ND		ND		ND		0.17 J		ND		ND		ND		ND	
Benzo[a]pyrene	0.66	ND		ND		ND		ND		ND		ND		ND		ND	
Indeno[1,2,3-cd]pyrene	0.9	ND		ND		ND		ND		ND		ND		ND		ND	
Dibenz[a,h]anthracene	0.66	ND		ND		ND		ND		ND		ND		ND		ND	
Benzo[g,h,I]perylene	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Pesticides/PCBs (mg/kg)																	
gamma-BHC	0.52	ND		ND		ND		ND		ND		ND		ND		ND	
Heptachlor Epoxide	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDE	2	0.082		ND		0.016		0.04		0.029		ND		0.071		0.052	
Dieldrin	0.042	ND		ND		ND		0.019		ND		ND		ND		0.02	
Endrin	17	ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDD	3	ND		ND		0.017		0.045		0.08		ND		ND		0.057	
4,4'-DDT	2	0.102		ND		ND		ND		ND		ND		ND		0.096	
gamma-Chlordane	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
alpha-Chlordane	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1016	0.49	ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1242	0.49	ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1248	0.49	ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1254	0.49	ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1260	0.49	ND		ND		ND		ND		ND		ND		**5.806**		ND	
Metals (mg/kg)																	
Aluminum	NLE	1620		1620		914		11800		6550		9120		9390		11300	
Antimony	14	0.402		ND		0.605		5.58		0.62		0.835		0.882		1.02	
Arsenic	20	5.91		3.67		8.39		12.3		5.95		9.82		8.3		12	
Barium	700	17.5		11.4		42.7		122		34.7		56.9		142		95.2	
Beryllium	2	0.194		0.228		0.209		1.26		0.606		1.19		1.26		1.5	
Cadmium	39	0.626		0.669		0.459		1.83		1.35		1.2		1.94		3.72	
Calcium	NLE	969		434		1180		3680		2300		1090		797		1150	
Chromium	NLE	11.4		11.7		94.3		129		60		135		124		169	
Cobalt	NLE	0.578		0.481		6.51		4.69		2.47		1.44		1.71		1.46	
Copper	600	11.5		7.61		17.8		46.1		12.1		6.18		59.9		14.6	
Iron	NLE	5470		6370		7410		33800		17500		29900		28900		39200	
Lead	400	56.3		22.6		18.7		84.6		21.2		11.5		37.7		12.7	
Magnesium	NLE	212		84.2		2010		4400		1770		3770		3770		5210	
Manganese	NLE	39.6		9.83		64.8		122		39.5		18.1		48		28.9	
Mercury	14	0.965		1.32		1.69		2.09		0.275		0.254		0.365		0.378	
Nickel	250	1.57		1.96		**1760**		11.4		9.21		6.14		9.52		7.17	
Potassium	NLE	189		71.4		623		9540		3740		8560		8500		12300	
Selenium	63	ND		ND		ND		1.95		1.52		2.18		2.01		2.61	
Silver	110	ND		11.1		ND		ND		ND		ND		ND		ND	
Sodium	NLE	356		221		144		369		146		108		124		151	
Thallium	2	ND		ND		ND		ND		ND		ND		ND		ND	
Vanadium	370	10		7.99		9.93		60.4		33.3		54.7		53.3		72.4	
Zinc	1500	32.6		23.5		110		305		59.8		55.6		178		114	

Notes:
All concentrations in milligrams per kilogram (mg/kg)
E = Value exceeded linear range
D = Value from dilution
B = Compound in related blank
NS:= Not Sampled
ND:= Analyte not detected in sample
NLE:= No cleanup standard exists for this analyte
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.
N = Presumptive evidence of a compound
*Resample for 4443.08 for Pest/PCB ref#4526.01 B100

Table 4-1
Soil Sampling Analytical Results
M-2 Landfill Site
Fort Monmouth, New Jersey

Lab Sample ID	NJDEP Cleanup Criteria (mg/kg)	4494.16	4494.17	4494.18	4494.19	4494.20	4494.21	4527.02	4527.03	4527.04	4527.05	4527.06	4527.07	4527.08	4527.09	4527.10	4527.11
Field Sample Location		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		5/18/1999	5/18/1999	5/18/1999	5/18/1999	5/18/1999	5/18/1999	6/1/1999	6/1/1999	6/1/1999	6/1/1999	6/1/1999	6/1/1999	6/1/1999	6/1/1999	6/1/1999	6/1/1999
Volatiles (mg/kg)																	
Acetone	1000		ND		ND		ND		ND		ND		ND		ND		ND
Methylene Chloride	49		ND		ND		ND		ND		ND		ND		ND		ND
Toluene	1000		ND		ND		ND		ND		ND		ND		ND		ND
Chlorobenzene	37		ND		ND		ND		ND		ND		ND		ND		ND
Semi-Volatiles (mg/kg)																	
Naphthalene	230	ND		ND		ND		ND		ND		ND		ND		ND	
2-Methylnaphthalene	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthylene	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthene	3400	ND		ND		ND		ND		ND		ND		ND		ND	
Dibenzofuran	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Diethylphthalate	10,000	ND		ND		ND		ND		ND		ND		ND		ND	
Fluorene	2300	ND		ND		ND		ND		ND		ND		ND		ND	
Azobenzene	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Phenanthrene	NLE	0.17 J		0.12 J		ND		0.12 J		ND		ND		0.41 J		0.24 J	
Anthracene	10,000	ND		ND		ND		ND		ND		ND		ND		ND	
Di-n-butylphthalate	5700	0.42JB		0.16JB		0.19JB		0.73JB		0.12JB		0.19JB		0.42JB		0.86JB	
Fluoranthene	2300	0.34 J		0.14 J		0.17 J		0.21 J		ND		ND		0.38 J		0.28 J	
Pyrene	1700	0.32 J		0.18 J		0.18 J		0.2 J		ND		ND		0.52 J		0.3 J	
Benzo[a]anthracene	0.9	0.21 J		ND		ND		0.12 J		ND		ND		0.24 J		0.15 J	
Chrysene	9	0.4 J		ND		0.2 J		0.21 J		ND		ND		0.52 J		0.29 J	
bis(2-Ethylhexyl)phthalate	49	0.14JB		ND		ND		ND		ND		ND		0.12JB		0.12JB	
Benzo[b]fluoranthene	0.9	0.22 J		ND		ND		ND		ND		ND		0.18 J		0.12 J	
Benzo[k]fluoranthene	0.9	0.17 J		ND		ND		ND		ND		ND		0.16 J		0.11 J	
Benzo[a]pyrene	0.66	ND		ND		ND		ND		ND		ND		0.21 J		0.13 J	
Indeno[1,2,3-cd]pyrene	0.9	ND		ND		ND		ND		ND		ND		0.13 J		ND	
Dibenz[a,h]anthracene	0.66	ND		ND		ND		ND		ND		ND		ND		ND	
Benzo[g,h,i]perylene	NLE	ND		ND		ND		ND		ND		ND		0.15 J		ND	
Pesticides/PCBs (mg/kg)																	
gamma-BHC	0.52	ND		ND		ND		ND		ND		ND		ND		ND	
Heptachlor Epoxide	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDE	2	0.043		0.027		0.078		0.022		ND		0.013		0.075		0.086	
Dieldrin	0.042	ND		ND		ND		ND		ND		ND		ND		ND	
Endrin	17	ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDD	3	0.034		0.031		0.036		0.029		ND		0.054		0.074		0.17	
4,4'-DDT	2	0.158		0.035		0.26		ND		ND		ND		0.102		ND	
gamma-Chlordane	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
alpha-Chlordane	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1016	0.49	ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1242	0.49	ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1248	0.49	ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1254	0.49	ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1260	0.49	ND		ND		ND		ND		ND		ND		ND		ND	
Metals (mg/kg)																	
Aluminum	NLE	8010		9510		1080		1210		851		1050		1520		1510	
Antimony	14	0.848		0.937		0.874		0.579		ND		0.464		1.46		0.915	
Arsenic	20	17.6		10.3		16		6.35		0.664		4.58		5.2		8.96	
Barium	700	52.9		57.4		73		14.6		3.67		30		40.9		38.5	
Beryllium	2	1.33		1.33		0.119		0.44		ND		0.221		0.473		0.85	
Cadmium	39	1.28		1.09		0.52		0.959		0.196		0.485		0.524		2.43	
Calcium	NLE	1750		1500		892		580		155		1400		1170		711	
Chromium	NLE	93.4		113		12.2		16.2		3.61		7.2		21.7		18.6	
Cobalt	NLE	1.93		1.84		0.512		0.483		0.257		0.755		0.593		0.975	
Copper	600	23		10.6		11.2		6.66		10.3		25.1		10.2		11.4	
Iron	NLE	24900		26200		9820		6940		507		3950		7270		7420	
Lead	400	29.1		23.7		36.4		16.8		5.81		16.7		25.3		24.5	
Magnesium	NLE	2980		3430		135		66.6		35.3		89		95.9		64.9	
Manganese	NLE	142		24.1		8.35		5.05		2.44		15.6		5.6		6.00	
Mercury	14	0.433		0.283		0.68		0.222		0.169		0.202		0.508		0.294	
Nickel	250	8.87		7.86		1.92		3.67		2.28		3.32		3.31		5.23	
Potassium	NLE	6250		7020		767		279		59		165		110		141	
Selenium	63	1.41		1.63		1.68		0.816		ND		ND		1.04		0.937	
Silver	110	ND		ND		ND		ND		ND		ND		1.84		0.786	
Sodium	NLE	248		167		99.1		92.6		98		70.4		71.1		70.8	
Thallium	2	ND		ND		ND		ND		ND		ND		ND		ND	
Vanadium	370	45.5		52.1		10.8		11.6		3.26		11		15		14.9	
Zinc	1500	282		57.5		42.5		69.7		27.8		22.7		26.3		35.6	

Notes:
All concentrations in milligrams per kilogram (mg/kg)
E = Value exceeded linear range
D = Value from dilution
B = Compound in related blank
NS:= Not Sampled
ND:= Analyte not detected in sample
NLE:= No cleanup standard exists for this analyte
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.
N = Presumptive evidence of a compound
*Resample for 4443.08 for Pest/PCB ref#4526.01 B100

Table 4-1
Soil Sampling Analytical Results
M-2 Landfill Site
Fort Monmouth, New Jersey

Lab Sample ID	NJDEP Cleanup Criteria (mg/kg)	4527.12	4527.13	4527.14	4527.15	4527.16	4527.17	4527.18	4527.19	4530.02	4530.03	4530.04	4530.05	4530.06	4530.07	4530.08	4530.09
Field Sample Location		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")
Sample Date		6/1/1999	6/1/1999	6/1/1999	6/1/1999	6/1/1999	6/1/1999	6/1/1999	6/1/1999	6/2/1999	6/2/1999	6/2/1999	6/2/1999	6/2/1999	6/2/1999	6/2/1999	6/2/1999
Volatiles (mg/kg)																	
Acetone	1000		ND		ND		ND		ND		ND		ND		ND		ND
Methylene Chloride	49		ND		ND		ND		ND		ND		ND		ND		ND
Toluene	1000		ND		ND		ND		ND		ND		ND		ND		ND
Chlorobenzene	37		ND		ND		ND		ND		ND		ND		ND		ND
Semi-Volatiles (mg/kg)																	
Naphthalene	230	ND		ND		ND		ND		ND		ND		ND		ND	
2-Methylnaphthalene	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthylene	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthene	3400	ND		ND		ND		ND		ND		ND		ND		ND	
Dibenzofuran	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Diethylphthalate	10,000	ND		ND		ND		ND		ND		ND		0.19 J		ND	
Fluorene	2300	ND		ND		ND		ND		ND		ND		ND		ND	
Azobenzene	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Phenanthrene	NLE	0.13 J		ND		0.26 J		0.47 J		ND		0.13 J		ND		ND	
Anthracene	10,000	ND		ND		ND		ND		ND		ND		ND		ND	
Di-n-butylphthalate	5700	0.27JB		0.21JB		0.6JB		0.61JB		ND		0.2JB		0.19 JB		0.22JB	
Fluoranthene	2300	0.26 J		ND		0.34 J		0.74 J		ND		0.23 J		ND		0.11 J	
Pyrene	1700	0.26 J		ND		0.36 J		0.69 J		ND		0.2 J		ND		ND	
Benzo[a]anthracene	0.9	0.14 J		ND		0.18 J		0.38 J		ND		0.12 J		ND		ND	
Chrysene	9	0.31 J		ND		0.37 J		0.76 J		ND		0.23 J		ND		ND	
bis(2-Ethylhexyl)phthalate	49	ND		0.11JB		ND		0.14JB		ND		0.14JB		ND		0.15JB	
Benzo[b]fluoranthene	0.9	0.18 J		ND		0.14 J		0.35 J		ND		0.11 J		ND		ND	
Benzo[k]fluoranthene	0.9	0.13 J		ND		0.15 J		0.3 J		ND		ND		ND		ND	
Benzo[a]pyrene	0.66	0.15 J		ND		0.16 J		0.36 J		ND		0.11 J		ND		ND	
Indeno[1,2,3-cd]pyrene	0.9	0.12 J		ND		ND		0.24 J		ND		ND		ND		ND	
Dibenz[a,h]anthracene	0.66	ND		ND		ND		ND		ND		ND		ND		ND	
Benzo[g,h,i]perylene	NLE	0.13 J		ND		0.12 J		0.27 J		ND		ND		ND		ND	
Pesticides/PCBs (mg/kg)																	
gamma-BHC	0.52	ND		ND		ND		ND		ND		ND		ND		ND	
Heptachlor Epoxide	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDE	2	0.183		ND		0.08		0.234		0.023		0.094		0.117		0.077	
Dieldrin	0.042	0.021		ND		ND		ND		0.02		0.013		ND		ND	
Endrin	17	ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDD	3	0.207		ND		0.091		0.348		0.101		0.077		0.03		0.026	
4,4'-DDT	2	0.118		ND		0.067		0.233		0.027		0.055		0.214		0.105	
gamma-Chlordane	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
alpha-Chlordane	NLE	ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1016	0.49	ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1242	0.49	ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1248	0.49	ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1254	0.49	ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1260	0.49	ND		ND		ND		ND		ND		ND		ND		ND	
Metals (mg/kg)																	
Aluminum	NLE	1120		499		910		5860		10400		9730		9240		8230	
Antimony	14	ND		ND		ND		0.658		0.513		0.757		0.629		0.657	
Arsenic	20	6.85		ND		7.98		7.34		7.89		10.3		8.64		7.18	
Barium	700	22.9		6.43		37.9		33.9		41.2		46.3		29.7		27.9	
Beryllium	2	0.289		ND		0.302		0.929		0.99		0.873		0.739		0.659	
Cadmium	39	0.898		0.181		0.733		1.25		1.21		1.62		2.08		0.658	
Calcium	NLE	1290		482		706		653		1530		1050		711		959	
Chromium	NLE	10.7		5.96		49.1		65.4		83.1		67.9		41.9		43.1	
Cobalt	NLE	0.695		ND		1.29		1.38		3.77		3.61		2.81		2.54	
Copper	600	20.4		3.05		7.64		13.1		25.1		9.47		10.5		6.89	
Iron	NLE	6170		791		6040		18000		30100		30100		19300		18400	
Lead	400	36.7		2.02		18.5		49		22.8		23.1		23.9		20.5	
Magnesium	NLE	145		50.7		287		1690		3400		2430		1730		1450	
Manganese	NLE	22.9		3.66		6.73		25		58.7		77.6		115		93.1	
Mercury	14	0.592		0.265		0.222		0.413		0.207		0.292		0.215		0.242	
Nickel	250	3.85		1.06		**410**		7.36		11.7		10.3		8.2		7.3	
Potassium	NLE	168		139		419		3490		6680		5290		2440		2340	
Selenium	63	ND		ND		ND		1.58		1.33		1.09		1.12		0.914	
Silver	110	ND		ND		ND		ND		ND		ND		ND		ND	
Sodium	NLE	94.3		158		126		113		231		99.8		334		110	
Thallium	2	ND		ND		ND		ND		ND		ND		ND		ND	
Vanadium	370	11.9		3.52		9.31		34.7		60.8		49.2		35.2		37.5	
Zinc	1500	58.7		20.5		53.9		63.8		63.9		90.1		48.5		40.3	

Notes:
All concentrations in milligrams per kilogram (mg/kg)
E = Value exceeded linear range
D = Value from dilution
B = Compound in related blank
NS:= Not Sampled
ND:= Analyte not detected in sample
NLE:= No cleanup standard exists for this analyte
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.
N = Presumptive evidence of a compound
*Resample for 4443.08 for Pest/PCB ref#4526.01 B100

Table 4-1
Soil Sampling Analytical Results
M-2 Landfill Site
Fort Monmouth, New Jersey

Lab Sample ID	NJDEP Cleanup Criteria (mg/kg)	4530.10	4530.11	4530.12	4530.13	4530.14	4530.15	4530.16	4530.17
Field Sample Location		B208 (6-12")	B208 (24")	B209 (6-12")	B209 (24")	B210 (6-12")	B210 (24")	B211 (6-12")	B211 (24")
Sample Date		6/2/1999	6/2/1999	6/2/1999	6/2/1999	6/2/1999	6/2/1999	6/2/1999	6/2/1999
Volatiles (mg/kg)									
Acetone	1000		ND		ND		ND		ND
Methylene Chloride	49		1.1B		1.2B		1.0 B		1.2B
Toluene	1000		ND		ND		ND		ND
Chlorobenzene	37		ND		ND		ND		ND
Semi-Volatiles (mg/kg)									
Naphthalene	230	ND		ND		ND		ND	
2-Methylnaphthalene	NLE	ND		ND		ND		ND	
Acenaphthylene	NLE	ND		ND		0.16 J		0.12 J	
Acenaphthene	3400	ND		ND		ND		ND	
Dibenzofuran	NLE	ND		ND		ND		ND	
Diethylphthalate	10,000	ND		ND		ND		ND	
Fluorene	2300	ND		ND		ND		ND	
Azobenzene	NLE	ND		ND		ND		ND	
Phenanthrene	NLE	ND		0.46 J		0.45 J		0.57 J	
Anthracene	10,000	ND		ND		ND		ND	
Di-n-butylphthalate	5700	0.65JB		0.51JB		0.49JB		0.72JB	
Fluoranthene	2300	ND		0.56 J		0.73 J		0.57 J	
Pyrene	1700	ND		0.6 J		0.84 J		0.68 J	
Benzo[a]anthracene	0.9	ND		0.3 J		0.56 J		0.31 J	
Chrysene	9	ND		0.61 J		1.1 J		0.68 J	
bis(2-Ethylhexyl)phthalate	49	0.12JB		0.13JB		0.12JB		0.15JB	
Benzo[b]fluoranthene	0.9	ND		0.24 J		0.49 J		0.26 J	
Benzo[k]fluoranthene	0.9	ND		0.23 J		0.49 J		0.23 J	
Benzo[a]pyrene	0.66	ND		0.27 J		0.6 J		0.3 J	
Indeno[1,2,3-cd]pyrene	0.9	ND		0.17 J		0.35 J		0.18 J	
Dibenz[a,h]anthracene	0.66	ND		ND		0.15 J		ND	
Benzo[g,h,I]perylene	NLE	ND		0.2 J		0.38 J		0.2 J	
Pesticides/PCBs (mg/kg)									
gamma-BHC	0.52	ND		ND		ND		ND	
Heptachlor Epoxide	NLE	ND		ND		ND		ND	
4,4'-DDE	2	0.012		0.07		0.057		0.058	
Dieldrin	0.042	ND		ND		ND		ND	
Endrin	17	ND		ND		ND		ND	
4,4'-DDD	3	0.015		0.114		0.071		0.043	
4,4'-DDT	2	ND		0.037		0.037		0.086	
gamma-Chlordane	NLE	ND		ND		ND		ND	
alpha-Chlordane	NLE	ND		ND		ND		ND	
Arochlor 1016	0.49	ND		ND		ND		ND	
Arochlor 1242	0.49	ND		ND		ND		ND	
Arochlor 1248	0.49	ND		ND		ND		ND	
Arochlor 1254	0.49	ND		ND		ND		ND	
Arochlor 1260	0.49	ND		ND		ND		ND	
Metals (mg/kg)									
Aluminum	NLE	6530		5390		7020		7810	
Antimony	14	0.485		1.18		0.734		1.09	
Arsenic	20	5.16		8.4		6.11		8.35	
Barium	700	17.8		44		42.3		38.7	
Beryllium	2	0.607		1.01		1.35		1.23	
Cadmium	39	0.79		1.42		1.66		1.7	
Calcium	NLE	323		928		532		679	
Chromium	NLE	50.6		65.6		72		76.3	
Cobalt	NLE	3.04		2.03		1.88		2.19	
Copper	600	344		47.5		12.8		15	
Iron	NLE	17800		18500		18800		28800	
Lead	400	15.7		23.6		25		31.8	
Magnesium	NLE	1290		1610		1590		1680	
Manganese	NLE	158		20.5		22.2		21.6	
Mercury	14	1.017		0.346		0.287		0.288	
Nickel	250	6.82		6.98		11		8.69	
Potassium	NLE	2780		3360		2980		3220	
Selenium	63	0.867		1.26		1.35		2.00	
Silver	110	ND		ND		ND		ND	
Sodium	NLE	75.4		114		165		86.3	
Thallium	2	ND		ND		ND		1.03	
Vanadium	370	35.5		33.6		39.7		43	
Zinc	1500	112		71.3		57.9		45.5	

Notes:
All concentrations in milligrams per kilogram (mg/kg)
E = Value exceeded linear range
D = Value from dilution
B = Compound in related blank
NS:= Not Sampled
ND:= Analyte not detected in sample
NLE:= No cleanup standard exists for this analyte
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.
N = Presumptive evidence of a compound
*Resample for 4443.08 for Pest/PCB ref#4526.01 B100

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

Boring ID	Analyte
SVOCs - 15 Borings	
B21	
	Benzo(a)anthracene
	Benzo(a)pyrene
	Benzo(b)fluoranthene
	Benzo(k)fluoranthene
	Dibenz(a,h)anthracene
	Indeno(1,2,3-cd)pyrene
B42	
	Benzo(a)anthracene
	Benzo(a)pyrene
	Benzo(b)fluoranthene
	Benzo(k)fluoranthene
	Indeno(1,2,3-cd)pyrene
B44	
	Benzo(a)pyrene
B55	
	Benzo(a)pyrene
	Benzo(b)fluoranthene
	Benzo(k)fluoranthene
B77	
	Benzo(a)anthracene
	Benzo(a)pyrene
	Benzo(b)fluoranthene
B78	
	Benzo(a)pyrene
B82	
	Benzo(a)anthracene
	Benzo(a)pyrene
	Benzo(b)fluoranthene
	Benzo(k)fluoranthene
	Chrysene
	Dibenz(a,h)anthracene
	Indeno(1,2,3-cd)pyrene
B96	
	Benzo(a)anthracene
	Benzo(a)pyrene
	Benzo(b)fluoranthene
	Benzo(k)fluoranthene
B124	
	Chrysene
B131	
	Benzo(a)anthracene
	Benzo(a)pyrene
	Benzo(b)fluoranthene

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-2 Landfill
Fort Monmouth, New Jersey

Boring ID	Analyte
	Benzo(k)fluoranthene
B132	
	Benzo(a)pyrene
B144	
	Chrysene
B152	
	Benzo(a)anthracene
	Benzo(a)pyrene
	Benzo(b)fluoranthene
	Benzo(k)fluoranthene
	Indeno(1,2,3-cd)pyrene
B158	
	Benzo(a)anthracene
	Benzo(a)pyrene
B210	
	Chrysene

Pest/PCBs - 12 Borings

B4	
	Arochlor 1254
B43	
	Dieldrin
B49	
	Dieldrin
B60	
	Arochlor 1254
B120	
	Arochlor 1260
B142A	
	4,4'-DDE
	4,4'-DDT
B155	
	Arochlor 1254
B156	
	Dieldrin
B162	
	Arochlor 1254
B165	
	Arochlor 1248
B178	
	Arochlor 1242
B190	
	Arochlor 1260

Metals - 19 Borings

B5	
	Zinc

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Pest/PCBs = Pesticides/Polychlorinated-Biphenyls.

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

Boring ID	Analyte
B14	
	Beryllium
B15	
	Arsenic
	Beryllium
B26	
	Cadmium
B31	
	Arsenic
	Beryllium
B32	
	Lead
B39	
	Beryllium
B45	
	Beryllium
B64	
	Arsenic
	Beryllium
	Mercury
B70	
	Beryllium
B73	
	Arsenic
B96	
	Cadmium
B112	
	Arsenic
B127	
	Arsenic
B149	
	Arsenic
	Zinc
B155	
	Arsenic
B171	
	Arsenic
B186	
	Nickel
B202	
	Nickel

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

Table 4-3
Laboratory Analysis Exceedance Summary
M-2 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	8	0.98	B158	9.5	B82	2.77
Benzo(a)pyrene	0.66	mg/kg	12	0.73	B78	10	B82	2.10
Benzo(b)fluoranthene	0.9	mg/kg	8	1	B96	13	B82	5.50
Benzo(k)fluoranthene	0.9	mg/kg	7	0.97	B55	11	B82	4.22
Chrysene	9	mg/kg	4	10.1	B124, B144, B210	14	B82	11.08
Dibenz(a,h)anthracene	0.66	mg/kg	2	0.81	B21	3.5	B82	2.16
Indeno(1,2,3-cd)pyrene	0.9	mg/kg	4	1.1	B152	5.7	B82	2.40
Pest/PCBs								
4,4'-DDE	2	mg/kg	1	3.705	B142A	3.705	B142A	3.71
4,4'-DDT	2	mg/kg	1	6.811	B142A	6.811	B142A	6.81
Arochlor 1242	0.49	mg/kg	1	5.983	B178	5.983	B178	5.98
Arochlor 1248	0.49	mg/kg	1	3.082	B165	3.082	B165	3.08
Arochlor 1254	0.49	mg/kg	4	0.651	B60	1.929	B162	1.31
Arochlor 1260	0.49	mg/kg	2	1.764	B120	5.806	B190	3.79
Dieldrin	0.042	mg/kg	3	0.068	B156	0.091	B43	0.08
Metals								
Arsenic	20	mg/kg	9	21.2	B127	81.3	B73	37.68
Beryllium	2	mg/kg	7	2.03	B45	10.6	B64	4.30
Cadmium	39	mg/kg	2	156	B96	505	B26	330.50
Lead	400	mg/kg	1	897	B32	897	B32	897.00
Mercury	14	mg/kg	1	16.7	B64	16.7	B64	16.70

Notes:
RDCSCC = Residential Direct Contact Cleanup Criteria pre N.J.A.C. 7:26D.
VOCs = Volatile Organic Compounds; SVOCs = Semi-Volatile Organic Compounds.
Pest/PCBs = Pesticides/Polychlorinated-Biphenyls.
Site Specific Maximum Concentrations were developed by Weston (1995) and may apply to arsenic and thallium in determining whether compliance averaging can be used per NJDEP (Spring 1995).

Table 4-3
Laboratory Analysis Exceedance Summary
M-2 Landfill
Fort Monmouth, New Jersey

Analyte Name	RDCSC	Units	Number of Exceedances	Minimum Exceedance	Boring ID (Min)	Maximum Exceedance	Boring ID (Max)	Average Exceedance
Nickel	250	mg/kg	2	410	B202	1760	B186	1085.00
Zinc	1500	mg/kg	2	2720	B5	4510	B149	3615.00

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RDCSCC = Residential Direct Contact Cleanup Criteria pre N.J.A.C. 7:26D.
VOCs = Volatile Organic Compounds; SVOCs = Semi-Volatile Organic Compounds.
Pest/PCBs = Pesticides/Polychlorinated-Biphenyls.
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-2 Landfill
Fort Monmouth, New Jersey

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

Notes:
RDCSCC = Residential Direct Contact Cleanup Criteria pre N.J.A.C. 7:26D.
VOCs = Volatile Organic Compounds; SVOCs = Semi-Volatile Organic Compounds.
Pest/PCBs = Pesticides/Polychlorinated-Biphenyls.
Site Specific Maximum Concentrations were developed by Weston (1995) and may apply to arsenic and thallium in determining whether compliance averaging can be used per NJDEP (Spring 1995).

Table 4-4
Compliance Analysis Method Summary
M-2 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Average Area	RDCSCC	Units	Compliance Analysis Decision
Indeno(1,2,3-cd)pyrene	AREA SVOC-2	0.9	mg/kg	Compliance averaging used.
Pest/PCBs				
4,4'-DDE	AREA PESTPCB-2	2	mg/kg	Compliance averaging used.
4,4'-DDT	AREA PESTPCB-2	2	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 1248	AREA PESTPCB-2	0.49	mg/kg	Compliance averaging used.
Arochlor 1254	AREA PESTPCB-1	0.49	mg/kg	Compliance averaging used.
Arochlor 1254	AREA PESTPCB-2	0.49	mg/kg	Compliance averaging used.
Arochlor 1260	AREA PESTPCB-1	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-2	0.49	mg/kg	Compliance averaging used.
Dieldrin	AREA PESTPCB-1	0.042	mg/kg	Compliance averaging used.
Dieldrin	AREA PESTPCB-2	0.042	mg/kg	Compliance averaging used.
Metals				
Arsenic	AREA METALS-1	20	mg/kg	Compliance averaging not allowed due to exceedance of RDCSCC and site-specific maximum (22.9 mg/kg, Weston-1995).

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

Table 4-4
Compliance Analysis Method Summary
M-2 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Average Area	RDCSCC	Units	Compliance Analysis Decision
Beryllium	AREA METALS-1	2	mg/kg	Compliance averaging not allowed due to exceedance of 2 mg/kg limit for Beryllium.
Cadmium	AREA METALS-1	39	mg/kg	Compliance averaging not allowed due to exceedance of the ceiling limit of 5X (for criterion >10 ppm and < 100 ppm).
Lead	AREA METALS-1	400	mg/kg	Compliance averaging not allowed due to exceedance of the ceiling limit of 2X (for criterion>100 ppm).
Mercury	AREA METALS-1	14	mg/kg	Compliance averaging used.
Nickel	AREA METALS-1	250	mg/kg	Compliance averaging not allowed due to exceedance of the ceiling limit of 2X (for criterion>100 ppm).
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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VOCs = Volatile Organic Compounds; SVOCs = Semi-Volatile Organic Compounds.
Pest/PCBs = Pesticides/Polychlorinated-Biphenyls.
Site Specific Maximum Concentrations were developed by Weston (1995) and may apply to arsenic and thallium in determining whether compliance averaging can be used per NJDEP (Spring 1995).

Table 4-5
Compliance Averaging Results
M-2 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Area	RDCSCC	Boring ID	Result	Units	Exceeds Criteria	MDL	Dilution Factor	Result Used for Average
SVOCs									
Benzo(a)anthracene									
	AREA SVOC-2								
Benzo(a)anthracene	AREA SVOC-2	0.9	B21	2.7	mg/kg	yes			2.7
Benzo(a)anthracene	AREA SVOC-2	0.9	B121	0.14J	mg/kg	no			0.14
Benzo(a)anthracene	AREA SVOC-2	0.9	B122	ND	mg/kg	no	1.1		0.55
Benzo(a)anthracene	AREA SVOC-2	0.9	B128	0.18J	mg/kg	no			0.18
Benzo(a)anthracene	AREA SVOC-2	0.9	B129	0.19J	mg/kg	no			0.19
Benzo(a)anthracene	AREA SVOC-2	0.9	B130	0.17J	mg/kg	no			0.17
Benzo(a)anthracene	AREA SVOC-2	0.9	B132	0.84J	mg/kg	no			0.84
Benzo(a)anthracene	AREA SVOC-2	0.9	B136	ND	mg/kg	no	1.3		0.65
Benzo(a)anthracene	AREA SVOC-2	0.9	B137	0.18J	mg/kg	no			0.18
Benzo(a)anthracene	AREA SVOC-2	0.9	B138	ND	mg/kg	no	1.1		0.55
Benzo(a)anthracene	AREA SVOC-2	0.9	B139	0.24J	mg/kg	no			0.24
Benzo(a)anthracene	AREA SVOC-2	0.9	B140	ND	mg/kg	no	1.1		0.55
Benzo(a)anthracene	AREA SVOC-2	0.9	B143	ND	mg/kg	no	1.1		0.55
Benzo(a)anthracene	AREA SVOC-2	0.9	B143	ND	mg/kg	no	1.1		0.55
Benzo(a)anthracene	AREA SVOC-2	0.9	B144	0.19J	mg/kg	no			0.19
Benzo(a)anthracene	AREA SVOC-2	0.9	B145	0.2J	mg/kg	no			0.2
Benzo(a)anthracene	AREA SVOC-2	0.9	B146	0.11J	mg/kg	no			0.11
Benzo(a)anthracene	AREA SVOC-2	0.9	B147	ND	mg/kg	no	1		0.5
Benzo(a)anthracene	AREA SVOC-2	0.9	B151	0.36J	mg/kg	no			0.36
Benzo(a)anthracene	AREA SVOC-2	0.9	B152	2.4	mg/kg	yes			2.4
Benzo(a)anthracene	AREA SVOC-2	0.9	B158	0.98J	mg/kg	yes			0.98
						Compliance Average Result:			**0.609**
Benzo(b)fluoranthene									
	AREA SVOC-2								
Benzo(b)fluoranthene	AREA SVOC-2	0.9	B21	4.5	mg/kg	yes			4.5
Benzo(b)fluoranthene	AREA SVOC-2	0.9	B121	ND	mg/kg	no	1.1		0.55
Benzo(b)fluoranthene	AREA SVOC-2	0.9	B122	ND	mg/kg	no	1.1		0.55
Benzo(b)fluoranthene	AREA SVOC-2	0.9	B128	0.17J	mg/kg	no			0.17
Benzo(b)fluoranthene	AREA SVOC-2	0.9	B129	0.18J	mg/kg	no			0.18
Benzo(b)fluoranthene	AREA SVOC-2	0.9	B130	0.18J	mg/kg	no			0.18
Benzo(b)fluoranthene	AREA SVOC-2	0.9	B132	0.68J	mg/kg	no			0.68
Benzo(b)fluoranthene	AREA SVOC-2	0.9	B136	ND	mg/kg	no	1.3		0.65
Benzo(b)fluoranthene	AREA SVOC-2	0.9	B137	0.15J	mg/kg	no			0.15

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-2 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-2	0.9	B138	ND	mg/kg	no	1.1		0.55
Benzo(b)fluoranthene	AREA SVOC-2	0.9	B139	0.26J	mg/kg	no			0.26
Benzo(b)fluoranthene	AREA SVOC-2	0.9	B140	ND	mg/kg	no	1.1		0.55
Benzo(b)fluoranthene	AREA SVOC-2	0.9	B143	ND	mg/kg	no	1.1		0.55
Benzo(b)fluoranthene	AREA SVOC-2	0.9	B143	ND	mg/kg	no	1.1		0.55
Benzo(b)fluoranthene	AREA SVOC-2	0.9	B144	0.28J	mg/kg	no			0.28
Benzo(b)fluoranthene	AREA SVOC-2	0.9	B145	0.28J	mg/kg	no			0.28
Benzo(b)fluoranthene	AREA SVOC-2	0.9	B146	0.11J	mg/kg	no			0.11
Benzo(b)fluoranthene	AREA SVOC-2	0.9	B147	ND	mg/kg	no	1		0.5
Benzo(b)fluoranthene	AREA SVOC-2	0.9	B151	0.32J	mg/kg	no			0.32
Benzo(b)fluoranthene	AREA SVOC-2	0.9	B152	1.9	mg/kg	yes			1.9
Benzo(b)fluoranthene	AREA SVOC-2	0.9	B158	0.85J	mg/kg	no			0.85
						Compliance Average Result:			**0.681**

Benzo(k)fluoranthene

AREA SVOC-2

Benzo(k)fluoranthene	AREA SVOC-2	0.9	B21	3.1	mg/kg	yes			3.1
Benzo(k)fluoranthene	AREA SVOC-2	0.9	B121	ND	mg/kg	no	1.1		0.55
Benzo(k)fluoranthene	AREA SVOC-2	0.9	B122	ND	mg/kg	no	1.1		0.55
Benzo(k)fluoranthene	AREA SVOC-2	0.9	B128	0.18J	mg/kg	no			0.18
Benzo(k)fluoranthene	AREA SVOC-2	0.9	B129	0.15J	mg/kg	no			0.15
Benzo(k)fluoranthene	AREA SVOC-2	0.9	B130	0.18J	mg/kg	no			0.18
Benzo(k)fluoranthene	AREA SVOC-2	0.9	B132	0.63J	mg/kg	no			0.63
Benzo(k)fluoranthene	AREA SVOC-2	0.9	B136	ND	mg/kg	no	1.3		0.65
Benzo(k)fluoranthene	AREA SVOC-2	0.9	B137	0.15J	mg/kg	no			0.15
Benzo(k)fluoranthene	AREA SVOC-2	0.9	B138	ND	mg/kg	no	1.1		0.55
Benzo(k)fluoranthene	AREA SVOC-2	0.9	B139	0.23J	mg/kg	no			0.23
Benzo(k)fluoranthene	AREA SVOC-2	0.9	B140	ND	mg/kg	no	1.1		0.55
Benzo(k)fluoranthene	AREA SVOC-2	0.9	B143	ND	mg/kg	no	1.1		0.55
Benzo(k)fluoranthene	AREA SVOC-2	0.9	B143	ND	mg/kg	no	1.1		0.55
Benzo(k)fluoranthene	AREA SVOC-2	0.9	B144	0.27J	mg/kg	no			0.27
Benzo(k)fluoranthene	AREA SVOC-2	0.9	B145	0.2J	mg/kg	no			0.2
Benzo(k)fluoranthene	AREA SVOC-2	0.9	B146	ND	mg/kg	no	0.96		0.48
Benzo(k)fluoranthene	AREA SVOC-2	0.9	B147	ND	mg/kg	no	1		0.5
Benzo(k)fluoranthene	AREA SVOC-2	0.9	B151	0.31J	mg/kg	no			0.31
Benzo(k)fluoranthene	AREA SVOC-2	0.9	B152	1.3	mg/kg	yes			1.3
Benzo(k)fluoranthene	AREA SVOC-2	0.9	B158	0.63J	mg/kg	no			0.63
						Compliance Average Result:			**0.584**

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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-2 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								
Chrysene	AREA SVOC-1	9	B35	0.17J	mg/kg	no			0.17
Chrysene	AREA SVOC-1	9	B36	0.35J	mg/kg	no			0.35
Chrysene	AREA SVOC-1	9	B41	0.2J	mg/kg	no			0.2
Chrysene	AREA SVOC-1	9	B42	3.7	mg/kg	no			3.7
Chrysene	AREA SVOC-1	9	B47	0.61J	mg/kg	no			0.61
Chrysene	AREA SVOC-1	9	B48	0.28J	mg/kg	no			0.28
Chrysene	AREA SVOC-1	9	B55	1.5	mg/kg	no			1.5
Chrysene	AREA SVOC-1	9	B73	0.25J	mg/kg	no			0.25
Chrysene	AREA SVOC-1	9	B74	ND	mg/kg	no	1.1		0.55
Chrysene	AREA SVOC-1	9	B75	0.45J	mg/kg	no			0.45
Chrysene	AREA SVOC-1	9	B76	0.3J	mg/kg	no			0.3
Chrysene	AREA SVOC-1	9	B77	2.4	mg/kg	no			2.4
Chrysene	AREA SVOC-1	9	B78	0.84J	mg/kg	no			0.84
Chrysene	AREA SVOC-1	9	B79	0.18J	mg/kg	no			0.18
Chrysene	AREA SVOC-1	9	B80	ND	mg/kg	no	1.5		0.75
Chrysene	AREA SVOC-1	9	B81	ND	mg/kg	no	1.1		0.55
Chrysene	AREA SVOC-1	9	B82	14 D	mg/kg	yes			14
Chrysene	AREA SVOC-1	9	B84	0.24J	mg/kg	no			0.24
Chrysene	AREA SVOC-1	9	B85	0.31 J	mg/kg	no			0.31
Chrysene	AREA SVOC-1	9	B86	ND	mg/kg	no	1.1		0.55
Chrysene	AREA SVOC-1	9	B91	0.15J	mg/kg	no			0.15
Chrysene	AREA SVOC-1	9	B91	0.15J	mg/kg	no			0.15
Chrysene	AREA SVOC-1	9	B96	2.4	mg/kg	no			2.4
						Compliance Average Result:			**1.343**
	AREA SVOC-2								
Chrysene	AREA SVOC-2	9	B21	6.3	mg/kg	no			6.3
Chrysene	AREA SVOC-2	9	B121	0.24J	mg/kg	no			0.24
Chrysene	AREA SVOC-2	9	B122	ND	mg/kg	no	1.1		0.55
Chrysene	AREA SVOC-2	9	B128	0.41J	mg/kg	no			0.41
Chrysene	AREA SVOC-2	9	B129	0.37J	mg/kg	no			0.37
Chrysene	AREA SVOC-2	9	B130	0.33J	mg/kg	no			0.33
Chrysene	AREA SVOC-2	9	B132	1.4	mg/kg	no			1.4
Chrysene	AREA SVOC-2	9	B136	ND	mg/kg	no	1.3		0.65
Chrysene	AREA SVOC-2	9	B137	0.34J	mg/kg	no			0.34
Chrysene	AREA SVOC-2	9	B138	ND	mg/kg	no	1.1		0.55
Chrysene	AREA SVOC-2	9	B139	0.46J	mg/kg	no			0.46

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M-2 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-2	9	B140	0.18J	mg/kg	no			0.18
Chrysene	AREA SVOC-2	9	B143	ND	mg/kg	no	1.1		0.55
Chrysene	AREA SVOC-2	9	B143	ND	mg/kg	no	1.1		0.55
Chrysene	AREA SVOC-2	9	B144	10.1J	mg/kg	yes			10.1
Chrysene	AREA SVOC-2	9	B145	0.53J	mg/kg	no			0.53
Chrysene	AREA SVOC-2	9	B146	0.21J	mg/kg	no			0.21
Chrysene	AREA SVOC-2	9	B147	0.17J	mg/kg	no			0.17
Chrysene	AREA SVOC-2	9	B151	0.62J	mg/kg	no			0.62
Chrysene	AREA SVOC-2	9	B152	3.7	mg/kg	no			3.7
Chrysene	AREA SVOC-2	9	B158	1.4	mg/kg	no			1.4
						Compliance Average Result:			**1.410**

Dibenz(a,h)anthracene

AREA SVOC-2

Dibenz(a,h)anthracene	AREA SVOC-2	0.66	B21	0.81J	mg/kg	yes			0.81
Dibenz(a,h)anthracene	AREA SVOC-2	0.66	B121	ND	mg/kg	no	1.1		0.55
Dibenz(a,h)anthracene	AREA SVOC-2	0.66	B122	ND	mg/kg	no	1.1		0.55
Dibenz(a,h)anthracene	AREA SVOC-2	0.66	B128	ND	mg/kg	no	1.2		0.6
Dibenz(a,h)anthracene	AREA SVOC-2	0.66	B129	ND	mg/kg	no	1.2		0.6
Dibenz(a,h)anthracene	AREA SVOC-2	0.66	B130	ND	mg/kg	no	1.2		0.6
Dibenz(a,h)anthracene	AREA SVOC-2	0.66	B132	ND	mg/kg	no	1.2		0.6
Dibenz(a,h)anthracene	AREA SVOC-2	0.66	B136	ND	mg/kg	no	1.3		0.65
Dibenz(a,h)anthracene	AREA SVOC-2	0.66	B137	ND	mg/kg	no	1.2		0.6
Dibenz(a,h)anthracene	AREA SVOC-2	0.66	B138	ND	mg/kg	no	1.1		0.55
Dibenz(a,h)anthracene	AREA SVOC-2	0.66	B139	ND	mg/kg	no	1.2		0.6
Dibenz(a,h)anthracene	AREA SVOC-2	0.66	B140	ND	mg/kg	no	1.1		0.55
Dibenz(a,h)anthracene	AREA SVOC-2	0.66	B143	ND	mg/kg	no	1.1		0.55
Dibenz(a,h)anthracene	AREA SVOC-2	0.66	B143	ND	mg/kg	no	1.1		0.55
Dibenz(a,h)anthracene	AREA SVOC-2	0.66	B144	ND	mg/kg	no	1.1		0.55
Dibenz(a,h)anthracene	AREA SVOC-2	0.66	B145	ND	mg/kg	no	1.6		0.8
Dibenz(a,h)anthracene	AREA SVOC-2	0.66	B146	ND	mg/kg	no	0.96		0.48
Dibenz(a,h)anthracene	AREA SVOC-2	0.66	B147	ND	mg/kg	no	1		0.5
Dibenz(a,h)anthracene	AREA SVOC-2	0.66	B151	ND	mg/kg	no	1.3		0.65
Dibenz(a,h)anthracene	AREA SVOC-2	0.66	B152	0.28J	mg/kg	no			0.28
Dibenz(a,h)anthracene	AREA SVOC-2	0.66	B158	ND	mg/kg	no	1.4		0.7
						Compliance Average Result:			**0.587**

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Table 4-5
Compliance Averaging Results
M-2 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								
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B35	ND	mg/kg	no	1.1		0.55
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B36	0.14J	mg/kg	no			0.14
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B41	ND	mg/kg	no	1.2		0.6
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B42	1.3	mg/kg	yes			1.3
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B47	ND	mg/kg	no	1.1		0.55
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B48	ND	mg/kg	no	1.2		0.6
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B55	0.78J	mg/kg	no			0.78
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B73	ND	mg/kg	no	1.2		0.6
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B74	ND	mg/kg	no	1.1		0.55
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B75	0.2J	mg/kg	no			0.2
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B76	ND	mg/kg	no	1.1		0.55
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B77	0.78J	mg/kg	no			0.78
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B78	0.34J	mg/kg	no			0.34
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B79	ND	mg/kg	no	1.4		0.7
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B80	ND	mg/kg	no	1.5		0.75
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B81	ND	mg/kg	no	1.1		0.55
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B82	5.7 D	mg/kg	yes			5.7
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B84	ND	mg/kg	no	1.4		0.7
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B85	ND	mg/kg	no	1.2		0.6
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B86	ND	mg/kg	no	1.1		0.55
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B91	ND	mg/kg	no	1.2		0.6
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B91	ND	mg/kg	no	1.2		0.6
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B96	0.47J	mg/kg	no			0.47
						Compliance Average Result:			**0.816**
	AREA SVOC-2								
Indeno(1,2,3-cd)pyrene	AREA SVOC-2	0.9	B21	1.5	mg/kg	yes			1.5
Indeno(1,2,3-cd)pyrene	AREA SVOC-2	0.9	B121	ND	mg/kg	no	1.1		0.55
Indeno(1,2,3-cd)pyrene	AREA SVOC-2	0.9	B122	ND	mg/kg	no	1.1		0.55
Indeno(1,2,3-cd)pyrene	AREA SVOC-2	0.9	B128	0.13J	mg/kg	no			0.13
Indeno(1,2,3-cd)pyrene	AREA SVOC-2	0.9	B129	ND	mg/kg	no	1.2		0.6
Indeno(1,2,3-cd)pyrene	AREA SVOC-2	0.9	B130	0.15 J	mg/kg	no			0.15
Indeno(1,2,3-cd)pyrene	AREA SVOC-2	0.9	B132	0.44J	mg/kg	no			0.44
Indeno(1,2,3-cd)pyrene	AREA SVOC-2	0.9	B136	ND	mg/kg	no	1.3		0.65
Indeno(1,2,3-cd)pyrene	AREA SVOC-2	0.9	B137	ND	mg/kg	no	1.2		0.6
Indeno(1,2,3-cd)pyrene	AREA SVOC-2	0.9	B138	ND	mg/kg	no	1.1		0.55
Indeno(1,2,3-cd)pyrene	AREA SVOC-2	0.9	B139	0.18J	mg/kg	no			0.18

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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-2 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-2	0.9	B140	ND	mg/kg	no	1.1		0.55
Indeno(1,2,3-cd)pyrene	AREA SVOC-2	0.9	B143	ND	mg/kg	no	1.1		0.55
Indeno(1,2,3-cd)pyrene	AREA SVOC-2	0.9	B143	ND	mg/kg	no	1.1		0.55
Indeno(1,2,3-cd)pyrene	AREA SVOC-2	0.9	B144	ND	mg/kg	no	1.1		0.55
Indeno(1,2,3-cd)pyrene	AREA SVOC-2	0.9	B145	ND	mg/kg	no	1.6		0.8
Indeno(1,2,3-cd)pyrene	AREA SVOC-2	0.9	B146	ND	mg/kg	no	0.96		0.48
Indeno(1,2,3-cd)pyrene	AREA SVOC-2	0.9	B147	ND	mg/kg	no	1		0.5
Indeno(1,2,3-cd)pyrene	AREA SVOC-2	0.9	B151	0.18J	mg/kg	no			0.18
Indeno(1,2,3-cd)pyrene	AREA SVOC-2	0.9	B152	1.1	mg/kg	yes			1.1
Indeno(1,2,3-cd)pyrene	AREA SVOC-2	0.9	B158	0.5J	mg/kg	no			0.5
						Compliance Average Result:			**0.555**

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Table 4-5
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M-2 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'-DDE									
	AREA PESTPCB-2								
4,4'-DDE	AREA PESTPCB-2	2	B120	0.019	mg/kg	no			0.019
4,4'-DDE	AREA PESTPCB-2	2	B128	0.021	mg/kg	no			0.021
4,4'-DDE	AREA PESTPCB-2	2	B129	0.035	mg/kg	no			0.035
4,4'-DDE	AREA PESTPCB-2	2	B136	0.021	mg/kg	no			0.021
4,4'-DDE	AREA PESTPCB-2	2	B137	0.018	mg/kg	no			0.018
4,4'-DDE	AREA PESTPCB-2	2	B138	0.056	mg/kg	no			0.056
4,4'-DDE	AREA PESTPCB-2	2	B142A	3.705	mg/kg	yes			3.705
4,4'-DDE	AREA PESTPCB-2	2	B143	0.018	mg/kg	no			0.018
4,4'-DDE	AREA PESTPCB-2	2	B144	0.044	mg/kg	no			0.044
4,4'-DDE	AREA PESTPCB-2	2	B145	0.06	mg/kg	no			0.06
4,4'-DDE	AREA PESTPCB-2	2	B146	0.052	mg/kg	no			0.052
4,4'-DDE	AREA PESTPCB-2	2	B147	0.018	mg/kg	no			0.018
4,4'-DDE	AREA PESTPCB-2	2	B151	0.039	mg/kg	no			0.039
4,4'-DDE	AREA PESTPCB-2	2	B152	0.049	mg/kg	no			0.049
4,4'-DDE	AREA PESTPCB-2	2	B153	0.112	mg/kg	no			0.112
4,4'-DDE	AREA PESTPCB-2	2	B154	0.047	mg/kg	no			0.047
4,4'-DDE	AREA PESTPCB-2	2	B155	ND	mg/kg	no	0.0086		0.0043
4,4'-DDE	AREA PESTPCB-2	2	B156	0.336	mg/kg	no			0.336
4,4'-DDE	AREA PESTPCB-2	2	B158	0.086	mg/kg	no			0.086
4,4'-DDE	AREA PESTPCB-2	2	B159	0.051	mg/kg	no			0.051
4,4'-DDE	AREA PESTPCB-2	2	B160	0.023	mg/kg	no			0.023
4,4'-DDE	AREA PESTPCB-2	2	B161	0.032	mg/kg	no			0.032
4,4'-DDE	AREA PESTPCB-2	2	B162	ND	mg/kg	no	0.0087		0.00435
4,4'-DDE	AREA PESTPCB-2	2	B165	ND	mg/kg	no	0.0092		0.0046
4,4'-DDE	AREA PESTPCB-2	2	B166	0.079	mg/kg	no			0.079
4,4'-DDE	AREA PESTPCB-2	2	B172	0.04	mg/kg	no			0.04
4,4'-DDE	AREA PESTPCB-2	2	B178	0.056	mg/kg	no			0.056
						Compliance Average Result:			**0.186**
4,4'-DDT									
	AREA PESTPCB-2								
4,4'-DDT	AREA PESTPCB-2	2	B120	0.124	mg/kg	no			0.124
4,4'-DDT	AREA PESTPCB-2	2	B128	ND	mg/kg	no	0.0272		0.0136
4,4'-DDT	AREA PESTPCB-2	2	B129	0.04	mg/kg	no			0.04

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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
4,4'-DDT	AREA PESTPCB-2	2	B136	ND	mg/kg	no	0.0289		0.01445
4,4'-DDT	AREA PESTPCB-2	2	B137	ND	mg/kg	no	0.0258		0.0129
4,4'-DDT	AREA PESTPCB-2	2	B138	ND	mg/kg	no	0.0247		0.01235
4,4'-DDT	AREA PESTPCB-2	2	B142A	6.811	mg/kg	yes			6.811
4,4'-DDT	AREA PESTPCB-2	2	B143	ND	mg/kg	no	0.0251		0.01255
4,4'-DDT	AREA PESTPCB-2	2	B144	0.881	mg/kg	no			0.881
4,4'-DDT	AREA PESTPCB-2	2	B145	ND	mg/kg	no	0.0362		0.0181
4,4'-DDT	AREA PESTPCB-2	2	B146	ND	mg/kg	no	0.0251		0.01255
4,4'-DDT	AREA PESTPCB-2	2	B147	0.264	mg/kg	no			0.264
4,4'-DDT	AREA PESTPCB-2	2	B151	0.033	mg/kg	no			0.033
4,4'-DDT	AREA PESTPCB-2	2	B152	0.029	mg/kg	no			0.029
4,4'-DDT	AREA PESTPCB-2	2	B153	0.044	mg/kg	no			0.044
4,4'-DDT	AREA PESTPCB-2	2	B154	0.033	mg/kg	no			0.033
4,4'-DDT	AREA PESTPCB-2	2	B155	ND	mg/kg	no	0.0236		0.0118
4,4'-DDT	AREA PESTPCB-2	2	B156	1.163	mg/kg	no			1.163
4,4'-DDT	AREA PESTPCB-2	2	B158	0.085	mg/kg	no			0.085
4,4'-DDT	AREA PESTPCB-2	2	B159	ND	mg/kg	no	0.028		0.014
4,4'-DDT	AREA PESTPCB-2	2	B160	ND	mg/kg	no	0.0244		0.0122
4,4'-DDT	AREA PESTPCB-2	2	B161	ND	mg/kg	no	0.0242		0.0121
4,4'-DDT	AREA PESTPCB-2	2	B162	ND	mg/kg	no	0.0238		0.0119
4,4'-DDT	AREA PESTPCB-2	2	B165	0.056	mg/kg	no			0.056
4,4'-DDT	AREA PESTPCB-2	2	B166	0.036	mg/kg	no			0.036
4,4'-DDT	AREA PESTPCB-2	2	B172	0.025	mg/kg	no			0.025
4,4'-DDT	AREA PESTPCB-2	2	B178	0.055	mg/kg	no			0.055
						Compliance Average Result:			**0.364**

Arochlor 1248

AREA PESTPCB-2

Arochlor 1248	AREA PESTPCB-2	0.49	B120	ND	mg/kg	no	0.0074		0.0037
Arochlor 1248	AREA PESTPCB-2	0.49	B128	ND	mg/kg	no	0.0396		0.0198
Arochlor 1248	AREA PESTPCB-2	0.49	B129	ND	mg/kg	no	0.0388		0.0194
Arochlor 1248	AREA PESTPCB-2	0.49	B136	ND	mg/kg	no	0.042		0.021
Arochlor 1248	AREA PESTPCB-2	0.49	B137	ND	mg/kg	no	0.1502		0.0751
Arochlor 1248	AREA PESTPCB-2	0.49	B138	ND	mg/kg	no	0.1439		0.07195
Arochlor 1248	AREA PESTPCB-2	0.49	B142A	ND	mg/kg	no	0.1391		0.06955
Arochlor 1248	AREA PESTPCB-2	0.49	B143	ND	mg/kg	no	0.1459		0.07295
Arochlor 1248	AREA PESTPCB-2	0.49	B144	ND	mg/kg	no	0.0387		0.01935
Arochlor 1248	AREA PESTPCB-2	0.49	B145	ND	mg/kg	no	0.0526		0.0263
Arochlor 1248	AREA PESTPCB-2	0.49	B146	ND	mg/kg	no	0.146		0.073

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Table 4-5
Compliance Averaging Results
M-2 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Area	RDCSCC	Boring ID	Result	Units	Exceeds Criteria	MDL	Dilution Factor	Result Used for Average
Arochlor 1248	AREA PESTPCB-2	0.49	B147	ND	mg/kg	no	0.1405		0.07025
Arochlor 1248	AREA PESTPCB-2	0.49	B151	ND	mg/kg	no	0.1501		0.07505
Arochlor 1248	AREA PESTPCB-2	0.49	B152	ND	mg/kg	no	0.1499		0.07495
Arochlor 1248	AREA PESTPCB-2	0.49	B153	ND	mg/kg	no	0.0424		0.0212
Arochlor 1248	AREA PESTPCB-2	0.49	B154	ND	mg/kg	no	0.1424		0.0712
Arochlor 1248	AREA PESTPCB-2	0.49	B155	ND	mg/kg	no	0.0069		0.00345
Arochlor 1248	AREA PESTPCB-2	0.49	B156	ND	mg/kg	no	0.1474		0.0737
Arochlor 1248	AREA PESTPCB-2	0.49	B158	ND	mg/kg	no	0.0436		0.0218
Arochlor 1248	AREA PESTPCB-2	0.49	B159	ND	mg/kg	no	0.0408		0.0204
Arochlor 1248	AREA PESTPCB-2	0.49	B160	ND	mg/kg	no	0.1417		0.07085
Arochlor 1248	AREA PESTPCB-2	0.49	B161	ND	mg/kg	no	0.1411		0.07055
Arochlor 1248	AREA PESTPCB-2	0.49	B162	ND	mg/kg	no	0.0069		0.00345
Arochlor 1248	AREA PESTPCB-2	0.49	B165	3.082	mg/kg	yes			3.082
Arochlor 1248	AREA PESTPCB-2	0.49	B166	ND	mg/kg	no	0.0411		0.02055
Arochlor 1248	AREA PESTPCB-2	0.49	B172	ND	mg/kg	no	0.1378		0.0689
Arochlor 1248	AREA PESTPCB-2	0.49	B178	ND	mg/kg	no	0.0074		0.0037
						Compliance Average Result:			**0.156**
Arochlor 1254									
	AREA PESTPCB-1								
Arochlor 1254	AREA PESTPCB-1	0.49	B4	1	mg/kg	yes			1
Arochlor 1254	AREA PESTPCB-1	0.49	B5	ND	mg/kg	no	0.0849		0.04245
Arochlor 1254	AREA PESTPCB-1	0.49	B34	ND	mg/kg	no	0.0872		0.0436
Arochlor 1254	AREA PESTPCB-1	0.49	B35	ND	mg/kg	no	0.0887		0.04435
Arochlor 1254	AREA PESTPCB-1	0.49	B36	ND	mg/kg	no	0.0843		0.04215
Arochlor 1254	AREA PESTPCB-1	0.49	B40	ND	mg/kg	no	0.0829		0.04145
Arochlor 1254	AREA PESTPCB-1	0.49	B41	ND	mg/kg	no	0.0924		0.0462
Arochlor 1254	AREA PESTPCB-1	0.49	B42	ND	mg/kg	no	0.0928		0.0464
Arochlor 1254	AREA PESTPCB-1	0.49	B43	ND	mg/kg	no	0.0922		0.0461
Arochlor 1254	AREA PESTPCB-1	0.49	B45	ND	mg/kg	no	0.0916		0.0458
Arochlor 1254	AREA PESTPCB-1	0.49	B46	ND	mg/kg	no	0.0908		0.0454
Arochlor 1254	AREA PESTPCB-1	0.49	B47	ND	mg/kg	no	0.0903		0.04515
Arochlor 1254	AREA PESTPCB-1	0.49	B48	ND	mg/kg	no	0.0941		0.04705
Arochlor 1254	AREA PESTPCB-1	0.49	B49	ND	mg/kg	no	0.1053		0.05265
Arochlor 1254	AREA PESTPCB-1	0.49	B50	ND	mg/kg	no	0.0046		0.0023
Arochlor 1254	AREA PESTPCB-1	0.49	B51	ND	mg/kg	no	0.0953		0.04765
Arochlor 1254	AREA PESTPCB-1	0.49	B52	ND	mg/kg	no	0.0936		0.0468
Arochlor 1254	AREA PESTPCB-1	0.49	B53	ND	mg/kg	no	0.0942		0.0471
Arochlor 1254	AREA PESTPCB-1	0.49	B54	ND	mg/kg	no	0.0925		0.04625

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M-2 Landfill
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Arochlor 1254	AREA PESTPCB-1	0.49	B56	ND	mg/kg	no	0.095		0.0475
Arochlor 1254	AREA PESTPCB-1	0.49	B57	ND	mg/kg	no	0.0901		0.04505
Arochlor 1254	AREA PESTPCB-1	0.49	B58	ND	mg/kg	no	0.0886		0.0443
Arochlor 1254	AREA PESTPCB-1	0.49	B60	0.651	mg/kg	yes			0.651
Arochlor 1254	AREA PESTPCB-1	0.49	B61	ND	mg/kg	no	0.0914		0.0457
Arochlor 1254	AREA PESTPCB-1	0.49	B65	ND	mg/kg	no	0.0892		0.0446
Arochlor 1254	AREA PESTPCB-1	0.49	B186	ND	mg/kg	no	0.0885		0.04425
Arochlor 1254	AREA PESTPCB-1	0.49	B190	ND	mg/kg	no	0.0043		0.00215
Arochlor 1254	AREA PESTPCB-1	0.49	B191	ND	mg/kg	no	0.0926		0.0463
						Compliance Average Result:			**0.098**
	AREA PESTPCB-2								
Arochlor 1254	AREA PESTPCB-2	0.49	B120	ND	mg/kg	no	0.0046		0.0023
Arochlor 1254	AREA PESTPCB-2	0.49	B128	ND	mg/kg	no	0.0247		0.01235
Arochlor 1254	AREA PESTPCB-2	0.49	B129	ND	mg/kg	no	0.0242		0.0121
Arochlor 1254	AREA PESTPCB-2	0.49	B136	ND	mg/kg	no	0.0262		0.0131
Arochlor 1254	AREA PESTPCB-2	0.49	B137	ND	mg/kg	no	0.0938		0.0469
Arochlor 1254	AREA PESTPCB-2	0.49	B138	ND	mg/kg	no	0.0899		0.04495
Arochlor 1254	AREA PESTPCB-2	0.49	B142A	ND	mg/kg	no	0.0869		0.04345
Arochlor 1254	AREA PESTPCB-2	0.49	B143	ND	mg/kg	no	0.0912		0.0456
Arochlor 1254	AREA PESTPCB-2	0.49	B144	ND	mg/kg	no	0.0242		0.0121
Arochlor 1254	AREA PESTPCB-2	0.49	B145	ND	mg/kg	no	0.0329		0.01645
Arochlor 1254	AREA PESTPCB-2	0.49	B146	ND	mg/kg	no	0.0912		0.0456
Arochlor 1254	AREA PESTPCB-2	0.49	B147	ND	mg/kg	no	0.0878		0.0439
Arochlor 1254	AREA PESTPCB-2	0.49	B151	ND	mg/kg	no	0.0938		0.0469
Arochlor 1254	AREA PESTPCB-2	0.49	B152	ND	mg/kg	no	0.0937		0.04685
Arochlor 1254	AREA PESTPCB-2	0.49	B153	ND	mg/kg	no	0.0265		0.01325
Arochlor 1254	AREA PESTPCB-2	0.49	B154	ND	mg/kg	no	0.089		0.0445
Arochlor 1254	AREA PESTPCB-2	0.49	B155	1.672	mg/kg	yes			1.672
Arochlor 1254	AREA PESTPCB-2	0.49	B156	ND	mg/kg	no	0.0921		0.04605
Arochlor 1254	AREA PESTPCB-2	0.49	B158	ND	mg/kg	no	0.0272		0.0136
Arochlor 1254	AREA PESTPCB-2	0.49	B159	ND	mg/kg	no	0.0255		0.01275
Arochlor 1254	AREA PESTPCB-2	0.49	B160	ND	mg/kg	no	0.0886		0.0443
Arochlor 1254	AREA PESTPCB-2	0.49	B161	ND	mg/kg	no	0.0882		0.0441
Arochlor 1254	AREA PESTPCB-2	0.49	B162	1.929	mg/kg	yes			1.929
Arochlor 1254	AREA PESTPCB-2	0.49	B165	ND	mg/kg	no	0.0046		0.0023
Arochlor 1254	AREA PESTPCB-2	0.49	B166	ND	mg/kg	no	0.0257		0.01285
Arochlor 1254	AREA PESTPCB-2	0.49	B172	ND	mg/kg	no	0.0861		0.04305
Arochlor 1254	AREA PESTPCB-2	0.49	B178	ND	mg/kg	no	0.0046		0.0023
						Compliance Average Result:			**0.160**

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Compliance Averaging Results
M-2 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-2								
Arochlor 1260	AREA PESTPCB-2	0.49	B120	1.764	mg/kg	yes			1.764
Arochlor 1260	AREA PESTPCB-2	0.49	B128	ND	mg/kg	no	0.0223		0.01115
Arochlor 1260	AREA PESTPCB-2	0.49	B129	ND	mg/kg	no	0.0218		0.0109
Arochlor 1260	AREA PESTPCB-2	0.49	B136	ND	mg/kg	no	0.0236		0.0118
Arochlor 1260	AREA PESTPCB-2	0.49	B137	ND	mg/kg	no	0.0845		0.04225
Arochlor 1260	AREA PESTPCB-2	0.49	B138	ND	mg/kg	no	0.0809		0.04045
Arochlor 1260	AREA PESTPCB-2	0.49	B142A	ND	mg/kg	no	0.0782		0.0391
Arochlor 1260	AREA PESTPCB-2	0.49	B143	ND	mg/kg	no	0.0821		0.04105
Arochlor 1260	AREA PESTPCB-2	0.49	B144	ND	mg/kg	no	0.0218		0.0109
Arochlor 1260	AREA PESTPCB-2	0.49	B145	ND	mg/kg	no	0.0296		0.0148
Arochlor 1260	AREA PESTPCB-2	0.49	B146	ND	mg/kg	no	0.0821		0.04105
Arochlor 1260	AREA PESTPCB-2	0.49	B147	ND	mg/kg	no	0.079		0.0395
Arochlor 1260	AREA PESTPCB-2	0.49	B151	ND	mg/kg	no	0.0844		0.0422
Arochlor 1260	AREA PESTPCB-2	0.49	B152	ND	mg/kg	no	0.0843		0.04215
Arochlor 1260	AREA PESTPCB-2	0.49	B153	ND	mg/kg	no	0.0238		0.0119
Arochlor 1260	AREA PESTPCB-2	0.49	B154	ND	mg/kg	no	0.0801		0.04005
Arochlor 1260	AREA PESTPCB-2	0.49	B155	ND	mg/kg	no	0.0039		0.00195
Arochlor 1260	AREA PESTPCB-2	0.49	B156	ND	mg/kg	no	0.0829		0.04145
Arochlor 1260	AREA PESTPCB-2	0.49	B158	ND	mg/kg	no	0.0245		0.01225
Arochlor 1260	AREA PESTPCB-2	0.49	B159	ND	mg/kg	no	0.0229		0.01145
Arochlor 1260	AREA PESTPCB-2	0.49	B160	ND	mg/kg	no	0.0797		0.03985
Arochlor 1260	AREA PESTPCB-2	0.49	B161	ND	mg/kg	no	0.0793		0.03965
Arochlor 1260	AREA PESTPCB-2	0.49	B162	ND	mg/kg	no	0.0039		0.00195
Arochlor 1260	AREA PESTPCB-2	0.49	B165	ND	mg/kg	no	0.0041		0.00205
Arochlor 1260	AREA PESTPCB-2	0.49	B166	ND	mg/kg	no	0.0231		0.01155
Arochlor 1260	AREA PESTPCB-2	0.49	B172	ND	mg/kg	no	0.0775		0.03875
Arochlor 1260	AREA PESTPCB-2	0.49	B178	ND	mg/kg	no	0.0042		0.0021
						Compliance Average Result:			**0.089**
Dieldrin									
	AREA PESTPCB-1								
Dieldrin	AREA PESTPCB-1	0.042	B4	ND	mg/kg	no	0.011		0.0055
Dieldrin	AREA PESTPCB-1	0.042	B5	ND	mg/kg	no	0.0106		0.0053
Dieldrin	AREA PESTPCB-1	0.042	B34	ND	mg/kg	no	0.0109		0.00545
Dieldrin	AREA PESTPCB-1	0.042	B35	ND	mg/kg	no	0.0111		0.00555

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Analyte Name	Compliance Area	RDCSCC	Boring ID	Result	Units	Exceeds Criteria	MDL	Dilution Factor	Result Used for Average
Dieldrin	AREA PESTPCB-1	0.042	B36	ND	mg/kg	no	0.0105		0.00525
Dieldrin	AREA PESTPCB-1	0.042	B40	ND	mg/kg	no	0.0104		0.0052
Dieldrin	AREA PESTPCB-1	0.042	B41	ND	mg/kg	no	0.0116		0.0058
Dieldrin	AREA PESTPCB-1	0.042	B42	ND	mg/kg	no	0.0116		0.0058
Dieldrin	AREA PESTPCB-1	0.042	B43	0.091	mg/kg	yes			0.091
Dieldrin	AREA PESTPCB-1	0.042	B45	ND	mg/kg	no	0.0115		0.00575
Dieldrin	AREA PESTPCB-1	0.042	B46	0.015	mg/kg	no			0.015
Dieldrin	AREA PESTPCB-1	0.042	B47	0.019	mg/kg	no			0.019
Dieldrin	AREA PESTPCB-1	0.042	B48	ND	mg/kg	no	0.0118		0.0059
Dieldrin	AREA PESTPCB-1	0.042	B49	0.074	mg/kg	yes			0.074
Dieldrin	AREA PESTPCB-1	0.042	B50	ND	mg/kg	no	0.0115		0.00575
Dieldrin	AREA PESTPCB-1	0.042	B51	ND	mg/kg	no	0.0119		0.00595
Dieldrin	AREA PESTPCB-1	0.042	B52	ND	mg/kg	no	0.0117		0.00585
Dieldrin	AREA PESTPCB-1	0.042	B53	ND	mg/kg	no	0.0118		0.0059
Dieldrin	AREA PESTPCB-1	0.042	B54	ND	mg/kg	no	0.0116		0.0058
Dieldrin	AREA PESTPCB-1	0.042	B56	ND	mg/kg	no	0.0119		0.00595
Dieldrin	AREA PESTPCB-1	0.042	B57	ND	mg/kg	no	0.0113		0.00565
Dieldrin	AREA PESTPCB-1	0.042	B58	ND	mg/kg	no	0.0111		0.00555
Dieldrin	AREA PESTPCB-1	0.042	B60	ND	mg/kg	no	0.0117		0.00585
Dieldrin	AREA PESTPCB-1	0.042	B61	ND	mg/kg	no	0.0114		0.0057
Dieldrin	AREA PESTPCB-1	0.042	B65	0.012	mg/kg	no			0.012
Dieldrin	AREA PESTPCB-1	0.042	B186	ND	mg/kg	no	0.0111		0.00555
Dieldrin	AREA PESTPCB-1	0.042	B190	ND	mg/kg	no	0.0107		0.00535
Dieldrin	AREA PESTPCB-1	0.042	B191	0.02	mg/kg	no			0.02
						Compliance Average Result:			**0.013**
	AREA PESTPCB-2								
Dieldrin	AREA PESTPCB-2	0.042	B120	ND	mg/kg	no	0.0116		0.0058
Dieldrin	AREA PESTPCB-2	0.042	B128	ND	mg/kg	no	0.0124		0.0062
Dieldrin	AREA PESTPCB-2	0.042	B129	ND	mg/kg	no	0.0121		0.00605
Dieldrin	AREA PESTPCB-2	0.042	B136	ND	mg/kg	no	0.0131		0.00655
Dieldrin	AREA PESTPCB-2	0.042	B137	ND	mg/kg	no	0.0117		0.00585
Dieldrin	AREA PESTPCB-2	0.042	B138	ND	mg/kg	no	0.0112		0.0056
Dieldrin	AREA PESTPCB-2	0.042	B142A	ND	mg/kg	no	0.0109		0.00545
Dieldrin	AREA PESTPCB-2	0.042	B143	ND	mg/kg	no	0.0114		0.0057
Dieldrin	AREA PESTPCB-2	0.042	B144	ND	mg/kg	no	0.0121		0.00605
Dieldrin	AREA PESTPCB-2	0.042	B145	ND	mg/kg	no	0.0164		0.0082
Dieldrin	AREA PESTPCB-2	0.042	B146	ND	mg/kg	no	0.0114		0.0057
Dieldrin	AREA PESTPCB-2	0.042	B147	ND	mg/kg	no	0.011		0.0055
Dieldrin	AREA PESTPCB-2	0.042	B151	ND	mg/kg	no	0.0117		0.00585
Dieldrin	AREA PESTPCB-2	0.042	B152	ND	mg/kg	no	0.0117		0.00585

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M-2 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	B153	ND	mg/kg	no	0.0132		0.0066
Dieldrin	AREA PESTPCB-2	0.042	B154	ND	mg/kg	no	0.0111		0.00555
Dieldrin	AREA PESTPCB-2	0.042	B155	ND	mg/kg	no	0.0107		0.00535
Dieldrin	AREA PESTPCB-2	0.042	B156	0.068	mg/kg	yes			0.068
Dieldrin	AREA PESTPCB-2	0.042	B158	ND	mg/kg	no	0.0136		0.0068
Dieldrin	AREA PESTPCB-2	0.042	B159	ND	mg/kg	no	0.0127		0.00635
Dieldrin	AREA PESTPCB-2	0.042	B160	ND	mg/kg	no	0.0111		0.00555
Dieldrin	AREA PESTPCB-2	0.042	B161	ND	mg/kg	no	0.011		0.0055
Dieldrin	AREA PESTPCB-2	0.042	B162	ND	mg/kg	no	0.0108		0.0054
Dieldrin	AREA PESTPCB-2	0.042	B165	ND	mg/kg	no	0.0115		0.00575
Dieldrin	AREA PESTPCB-2	0.042	B166	0.028	mg/kg	no			0.028
Dieldrin	AREA PESTPCB-2	0.042	B172	ND	mg/kg	no	0.0108		0.0054
Dieldrin	AREA PESTPCB-2	0.042	B178	ND	mg/kg	no	0.0116		0.0058
						Compliance Average Result:			**0.009**

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-2 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Area	RDCSCC	Boring ID	Result	Units	Exceeds Criteria	MDL	Dilution Factor	Result Used for Average
Metals									
Mercury									
	AREA METALS-1								
Mercury	AREA METALS-1	14	B4	1.58	mg/kg	no			1.58
Mercury	AREA METALS-1	14	B5	0.39	mg/kg	no			0.39
Mercury	AREA METALS-1	14	B6	0.14	mg/kg	no			0.14
Mercury	AREA METALS-1	14	B13	0.64	mg/kg	no			0.64
Mercury	AREA METALS-1	14	B14	0.61	mg/kg	no			0.61
Mercury	AREA METALS-1	14	B15	4.73	mg/kg	no			4.73
Mercury	AREA METALS-1	14	B26	0.24	mg/kg	no			0.24
Mercury	AREA METALS-1	14	B27	0.13	mg/kg	no			0.13
Mercury	AREA METALS-1	14	B32	1.07	mg/kg	no			1.07
Mercury	AREA METALS-1	14	B33	0.04	mg/kg	no			0.04
Mercury	AREA METALS-1	14	B34	0.04	mg/kg	no			0.04
Mercury	AREA METALS-1	14	B35	0.09	mg/kg	no			0.09
Mercury	AREA METALS-1	14	B36	0.05	mg/kg	no			0.05
Mercury	AREA METALS-1	14	B38	0.08	mg/kg	no			0.08
Mercury	AREA METALS-1	14	B39	0.03	mg/kg	no			0.03
Mercury	AREA METALS-1	14	B40	0.07	mg/kg	no			0.07
Mercury	AREA METALS-1	14	B41	0.05	mg/kg	no			0.05
Mercury	AREA METALS-1	14	B42	0.03	mg/kg	no			0.03
Mercury	AREA METALS-1	14	B44	0.07	mg/kg	no			0.07
Mercury	AREA METALS-1	14	B45	0.22	mg/kg	no			0.22
Mercury	AREA METALS-1	14	B46	0.1	mg/kg	no			0.1
Mercury	AREA METALS-1	14	B47	0.06	mg/kg	no			0.06
Mercury	AREA METALS-1	14	B48	0.05	mg/kg	no			0.05
Mercury	AREA METALS-1	14	B50	0.052	mg/kg	no			0.052
Mercury	AREA METALS-1	14	B51	0.026	mg/kg	no			0.026
Mercury	AREA METALS-1	14	B52	0.027	mg/kg	no			0.027
Mercury	AREA METALS-1	14	B53	0.027	mg/kg	no			0.027
Mercury	AREA METALS-1	14	B54	0.216	mg/kg	no			0.216
Mercury	AREA METALS-1	14	B56	0.401	mg/kg	no			0.401
Mercury	AREA METALS-1	14	B57	0.078	mg/kg	no			0.078
Mercury	AREA METALS-1	14	B58	0.091	mg/kg	no			0.091
Mercury	AREA METALS-1	14	B59	0.071	mg/kg	no			0.071
Mercury	AREA METALS-1	14	B60	0.06	mg/kg	no			0.06
Mercury	AREA METALS-1	14	B61	0.133	mg/kg	no			0.133
Mercury	AREA METALS-1	14	B62	0.074	mg/kg	no			0.074

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Table 4-5
Compliance Averaging Results
M-2 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Area	RDCSCC	Boring ID	Result	Units	Exceeds Criteria	MDL	Dilution Factor	Result Used for Average
Mercury	AREA METALS-1	14	B63	0.08	mg/kg	no			0.08
Mercury	AREA METALS-1	14	B64	16.7	mg/kg	yes			16.7
Mercury	AREA METALS-1	14	B65	0.173	mg/kg	no			0.173
Mercury	AREA METALS-1	14	B66	0.078	mg/kg	no			0.078
Mercury	AREA METALS-1	14	B67	0.117	mg/kg	no			0.117
Mercury	AREA METALS-1	14	B68	0.062	mg/kg	no			0.062
Mercury	AREA METALS-1	14	B71	0.066	mg/kg	no			0.066
Mercury	AREA METALS-1	14	B72	0.092	mg/kg	no			0.092
Mercury	AREA METALS-1	14	B73	0.051	mg/kg	no			0.051
Mercury	AREA METALS-1	14	B74	0.103	mg/kg	no			0.103
Mercury	AREA METALS-1	14	B75	0.058	mg/kg	no			0.058
Mercury	AREA METALS-1	14	B77	0.623	mg/kg	no			0.623
Mercury	AREA METALS-1	14	B78	0.31	mg/kg	no			0.31
Mercury	AREA METALS-1	14	B79	0.376	mg/kg	no			0.376
Mercury	AREA METALS-1	14	B80	0.083	mg/kg	no			0.083
Mercury	AREA METALS-1	14	B81	0.117	mg/kg	no			0.117
Mercury	AREA METALS-1	14	B83	0.566	mg/kg	no			0.566
Mercury	AREA METALS-1	14	B84	0.254	mg/kg	no			0.254
Mercury	AREA METALS-1	14	B85	0.097	mg/kg	no			0.097
Mercury	AREA METALS-1	14	B86	0.121	mg/kg	no			0.121
Mercury	AREA METALS-1	14	B87	0.136	mg/kg	no			0.136
Mercury	AREA METALS-1	14	B89	0.034	mg/kg	no			0.034
Mercury	AREA METALS-1	14	B90	0.034	mg/kg	no			0.034
Mercury	AREA METALS-1	14	B91	0.034	mg/kg	no			0.034
Mercury	AREA METALS-1	14	B92	0.332	mg/kg	no			0.332
Mercury	AREA METALS-1	14	B93	0.108	mg/kg	no			0.108
Mercury	AREA METALS-1	14	B95	0.458	mg/kg	no			0.458
Mercury	AREA METALS-1	14	B96	0.259	mg/kg	no			0.259
Mercury	AREA METALS-1	14	B97	0.146	mg/kg	no			0.146
Mercury	AREA METALS-1	14	B98	0.177	mg/kg	no			0.177
Mercury	AREA METALS-1	14	B99	0.092	mg/kg	no			0.092
Mercury	AREA METALS-1	14	B101	0.228	mg/kg	no			0.228
Mercury	AREA METALS-1	14	B102	0.119	mg/kg	no			0.119
Mercury	AREA METALS-1	14	B103	0.052	mg/kg	no			0.052
Mercury	AREA METALS-1	14	B104	8.091	mg/kg	no			8.091
Mercury	AREA METALS-1	14	B105	5.465	mg/kg	no			5.465
Mercury	AREA METALS-1	14	B107	0.071	mg/kg	no			0.071
Mercury	AREA METALS-1	14	B108	0.046	mg/kg	no			0.046
Mercury	AREA METALS-1	14	B109	0.04	mg/kg	no			0.04
Mercury	AREA METALS-1	14	B110	0.045	mg/kg	no			0.045
Mercury	AREA METALS-1	14	B111	0.031	mg/kg	no			0.031

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Table 4-5
Compliance Averaging Results
M-2 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Area	RDCSCC	Boring ID	Result	Units	Exceeds Criteria	MDL	Dilution Factor	Result Used for Average
Mercury	AREA METALS-1	14	B113	0.153	mg/kg	no			0.153
Mercury	AREA METALS-1	14	B114	0.073	mg/kg	no			0.073
Mercury	AREA METALS-1	14	B115	0.071	mg/kg	no			0.071
Mercury	AREA METALS-1	14	B116	ND	mg/kg	no	0.024		0.012
Mercury	AREA METALS-1	14	B117	0.08	mg/kg	no			0.08
Mercury	AREA METALS-1	14	B124	0.099	mg/kg	no			0.099
Mercury	AREA METALS-1	14	B125	0.101	mg/kg	no			0.101
Mercury	AREA METALS-1	14	B132	0.244	mg/kg	no			0.244
Mercury	AREA METALS-1	14	B133	0.161	mg/kg	no			0.161
Mercury	AREA METALS-1	14	B141	0.213	mg/kg	no			0.213
Mercury	AREA METALS-1	14	B148	0.249	mg/kg	no			0.249
Mercury	AREA METALS-1	14	B149	1.686	mg/kg	no			1.686
Mercury	AREA METALS-1	14	B156	0.46	mg/kg	no			0.46
Mercury	AREA METALS-1	14	B185	1.32	mg/kg	no			1.32
Mercury	AREA METALS-1	14	B186	1.69	mg/kg	no			1.69
Mercury	AREA METALS-1	14	B187	2.09	mg/kg	no			2.09
Mercury	AREA METALS-1	14	B188	0.275	mg/kg	no			0.275
Mercury	AREA METALS-1	14	B190	0.365	mg/kg	no			0.365
Mercury	AREA METALS-1	14	B191	0.378	mg/kg	no			0.378
Mercury	AREA METALS-1	14	B192	0.433	mg/kg	no			0.433
Mercury	AREA METALS-1	14	B193	0.283	mg/kg	no			0.283
Mercury	AREA METALS-1	14	B195	0.222	mg/kg	no			0.222
Mercury	AREA METALS-1	14	B196	0.169	mg/kg	no			0.169
Mercury	AREA METALS-1	14	B197	0.202	mg/kg	no			0.202
Mercury	AREA METALS-1	14	B198	0.508	mg/kg	no			0.508
Mercury	AREA METALS-1	14	B202	0.222	mg/kg	no			0.222
Mercury	AREA METALS-1	14	B203	0.413	mg/kg	no			0.413
Mercury	AREA METALS-1	14	B204	0.207	mg/kg	no			0.207
						Compliance Average Result:			**0.580**

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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-2 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Average Area	RDCSCC	Units	Compliance Averaging Performed	Compliance Average Result	Compliance Analysis Result
SVOCs						
Benzo(a)anthracene	AREA SVOC-1	0.9	mg/kg	No		Given the scattered distribution of exceedances,site conditions, and limited public access to the site, No Further Action is warranted. The DPW will incorporate a document equivalent to a DER into the Fort Monmouth Master Plan.
Benzo(a)anthracene	AREA SVOC-2	0.9	mg/kg	Yes	0.609	Compliance average below RDCSCC. No Further Action is warranted.
Benzo(a)pyrene	AREA SVOC-1	0.66	mg/kg	No		Given the scattered distribution of exceedances,site conditions, and limited public access to the site, No Further Action is warranted. The DPW will incorporate a document equivalent to a DER into the Fort Monmouth Master Plan.
Benzo(a)pyrene	AREA SVOC-2	0.66	mg/kg	No		Given the scattered distribution of exceedances,site conditions, and limited public access to the site, No Further Action is warranted. The DPW will incorporate a document equivalent to a DER into the Fort Monmouth Master Plan.
Benzo(b)fluoranthene	AREA SVOC-1	0.9	mg/kg	No		Given the scattered distribution of exceedances,site conditions, and limited public access to the site, No Further Action is warranted. The DPW will incorporate a document equivalent to a DER into the Fort Monmouth Master Plan.
Benzo(b)fluoranthene	AREA SVOC-2	0.9	mg/kg	Yes	0.681	Compliance average below RDCSCC. No Further Action is warranted.
Benzo(k)fluoranthene	AREA SVOC-1	0.9	mg/kg	No		Given the scattered distribution of exceedances,site conditions, and limited public access to the site, No Further Action is warranted. The DPW will incorporate a document equivalent to a DER into the Fort Monmouth Master Plan.

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Table 4-6
Compliance Analysis Results Summary
M-2 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Average Area	RDCSCC	Units	Compliance Averaging Performed	Compliance Average Result	Compliance Analysis Result
Benzo(k)fluoranthene	AREA SVOC-2	0.9	mg/kg	Yes	0.584	Compliance average below RDCSCC. No Further Action is warranted.
Chrysene	AREA SVOC-1	9	mg/kg	Yes	1.343	Compliance average marginally above RDCSCC (within 1 to 2 mg/kg). No Further Action is warranted.
Chrysene	AREA SVOC-2	9	mg/kg	Yes	1.410	Compliance average marginally above RDCSCC (within 1 to 2 mg/kg). No Further Action is warranted.
Dibenz(a,h)anthracene	AREA SVOC-1	0.66	mg/kg	No		Given the scattered distribution of exceedances,site conditions, and limited public access to the site, No Further Action is warranted. The DPW will incorporate a document equivalent to a DER into the Fort Monmouth Master Plan.
Dibenz(a,h)anthracene	AREA SVOC-2	0.66	mg/kg	Yes	0.587	Compliance average below RDCSCC. No Further Action is warranted.
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	mg/kg	Yes	0.816	Compliance average below RDCSCC. No Further Action is warranted.
Indeno(1,2,3-cd)pyrene	AREA SVOC-2	0.9	mg/kg	Yes	0.555	Compliance average below RDCSCC. No Further Action is warranted.

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Table 4-6
Compliance Analysis Results Summary
M-2 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'-DDE	AREA PESTPCB-2	2	mg/kg	Yes	0.186	Compliance average below RDCSCC. No Further Action is warranted.
4,4'-DDT	AREA PESTPCB-2	2	mg/kg	Yes	0.364	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 1248	AREA PESTPCB-2	0.49	mg/kg	Yes	0.156	Compliance average below RDCSCC. No Further Action is warranted.
Arochlor 1254	AREA PESTPCB-1	0.49	mg/kg	Yes	0.098	Compliance average below RDCSCC. No Further Action is warranted.
Arochlor 1254	AREA PESTPCB-2	0.49	mg/kg	Yes	0.160	Compliance average below RDCSCC. No Further Action is warranted.
Arochlor 1260	AREA PESTPCB-1	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.

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Table 4-6
Compliance Analysis Results Summary
M-2 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-2	0.49	mg/kg	Yes	0.089	Compliance average below RDCSCC. No Further Action is warranted.
Dieldrin	AREA PESTPCB-1	0.042	mg/kg	Yes	0.013	Compliance average below RDCSCC. No Further Action is warranted.
Dieldrin	AREA PESTPCB-2	0.042	mg/kg	Yes	0.009	Compliance average below RDCSCC. No Further Action is warranted.

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Table 4-6
Compliance Analysis Results Summary
M-2 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Average Area	RDCSCC	Units	Compliance Averaging Performed	Compliance Average Result	Compliance Analysis Result
Metals						
Arsenic	AREA METALS-1	20	mg/kg	No		Given the scattered distribution of exceedances,site conditions, and limited public access to the site, No Further Action is warranted. The DPW will incorporate a document equivalent to a DER into the Fort Monmouth Master Plan.
Beryllium	AREA METALS-1	2	mg/kg	No		Given the scattered distribution of exceedances,site conditions, and limited public access to the site, No Further Action is warranted. The DPW will incorporate a document equivalent to a DER into the Fort Monmouth Master Plan.
Cadmium	AREA METALS-1	39	mg/kg	No		Given the scattered distribution of exceedances,site conditions, and limited public access to the site, No Further Action is warranted. The DPW will incorporate a document equivalent to a DER into the Fort Monmouth Master Plan.
Lead	AREA METALS-1	400	mg/kg	No		Given the scattered distribution of exceedances,site conditions, and limited public access to the site, No Further Action is warranted. The DPW will incorporate a document equivalent to a DER into the Fort Monmouth Master Plan.
Mercury	AREA METALS-1	14	mg/kg	Yes	0.580	Compliance average below RDCSCC. No Further Action is warranted.
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.
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.

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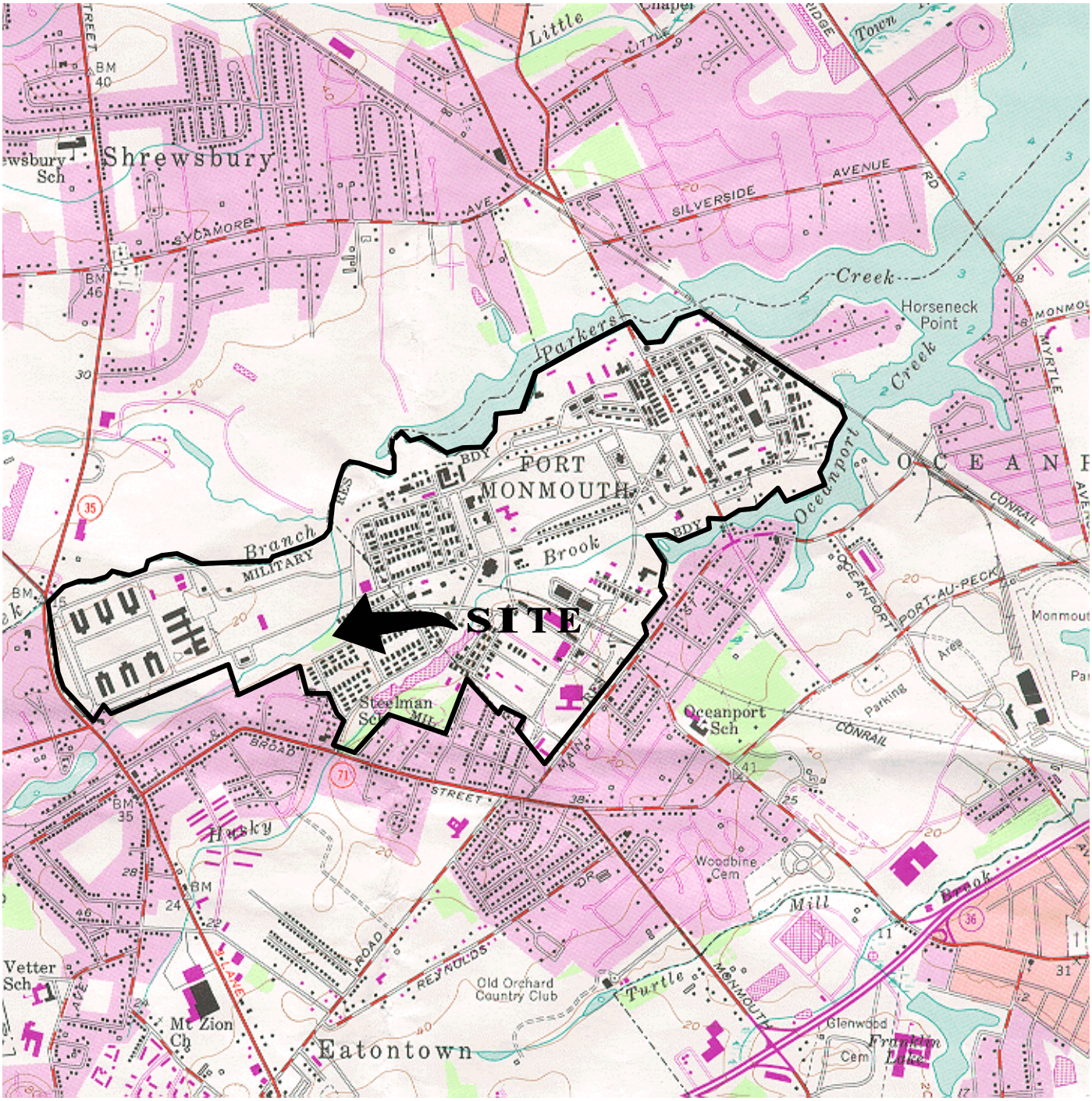
FIGURES



LONG BRANCH, N. J.

40073-C8-TF-024

1954

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NEW JERSEY

QUADRANGLE LOCATION

Mapped, edited and published by the Geological Survey

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

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

Geologic Map of New Jersey

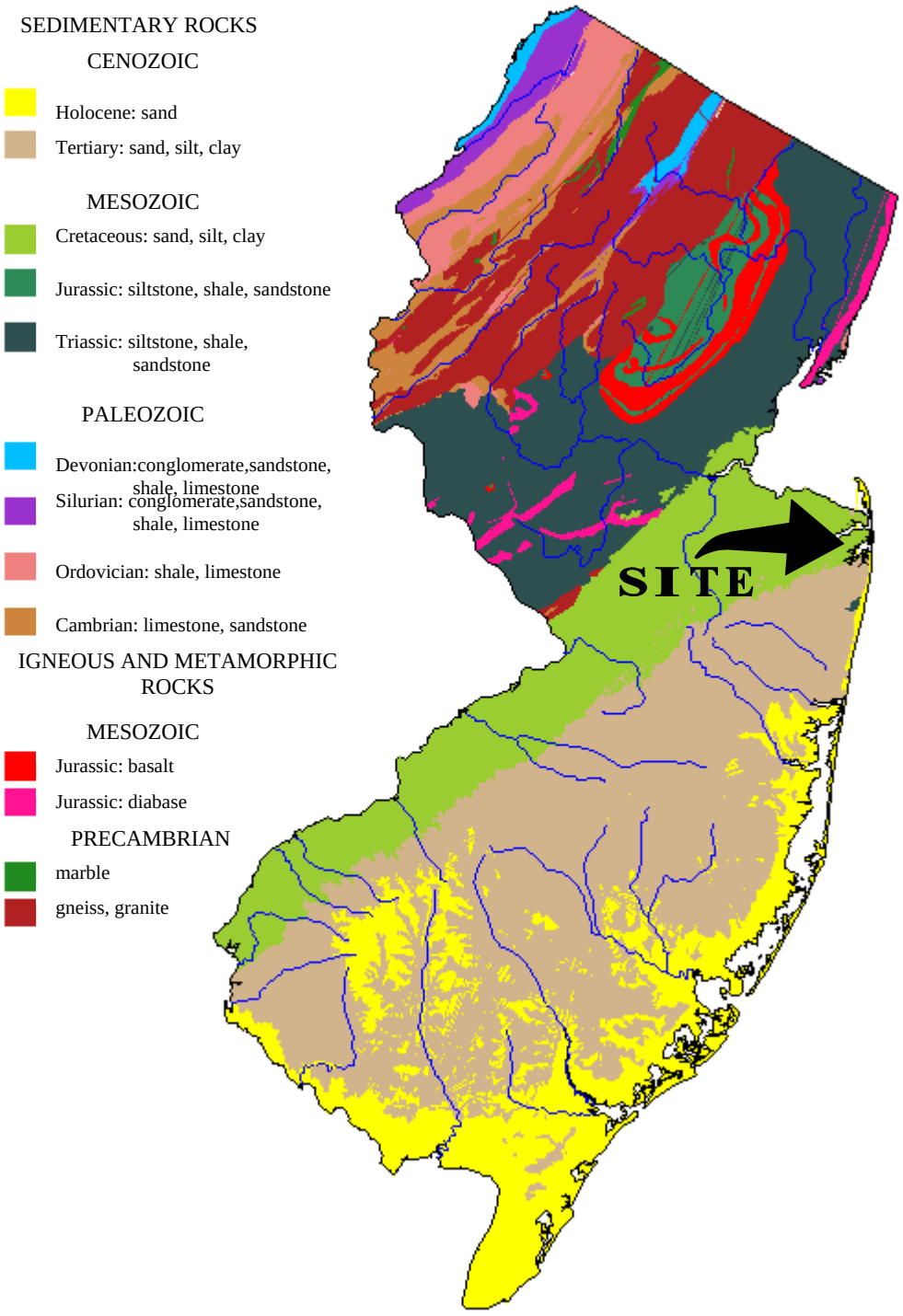
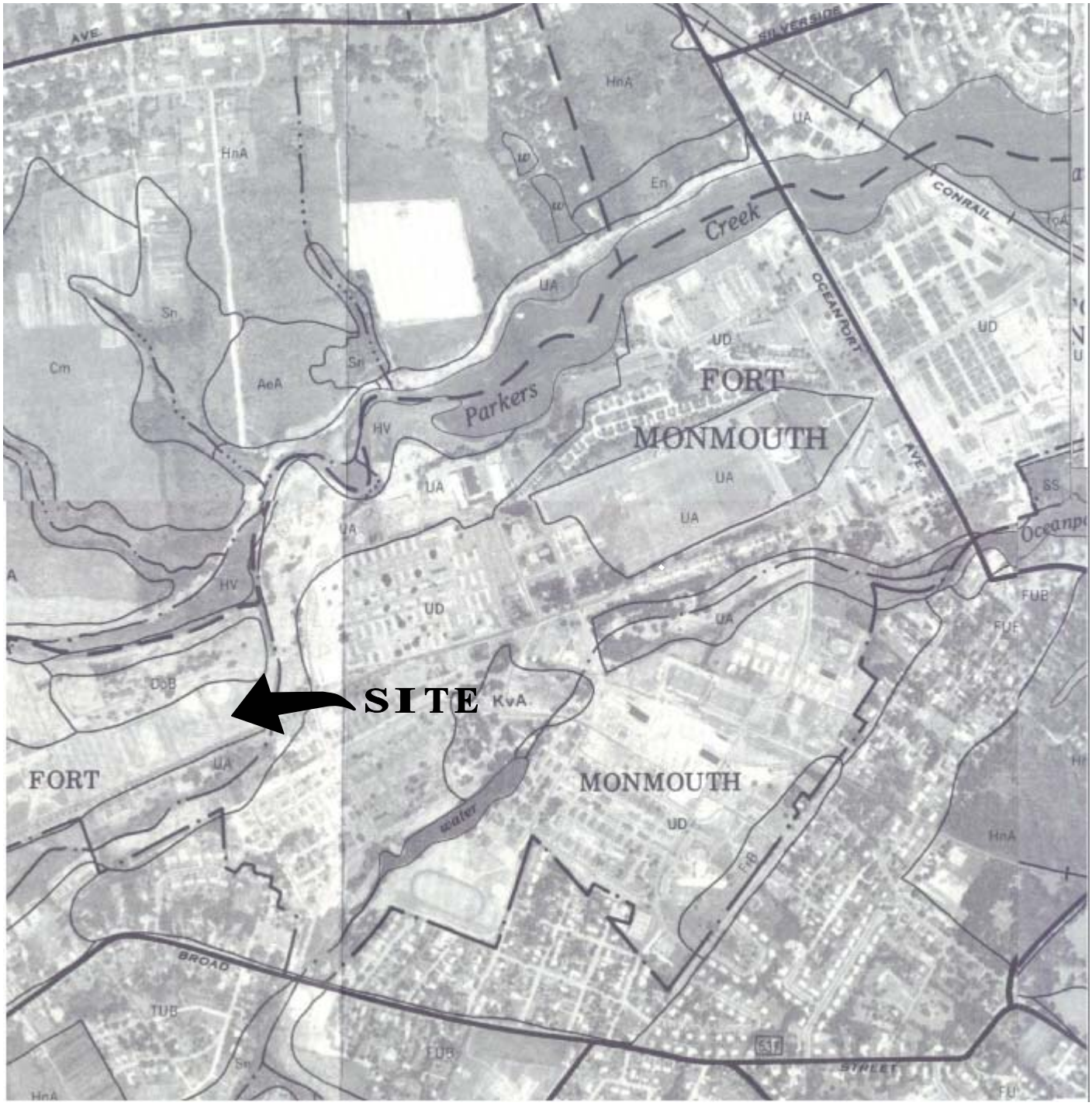


Figure 2-2
Geologic Map of New Jersey
M-2 Landfill Site
Fort Monmouth, New Jersey

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

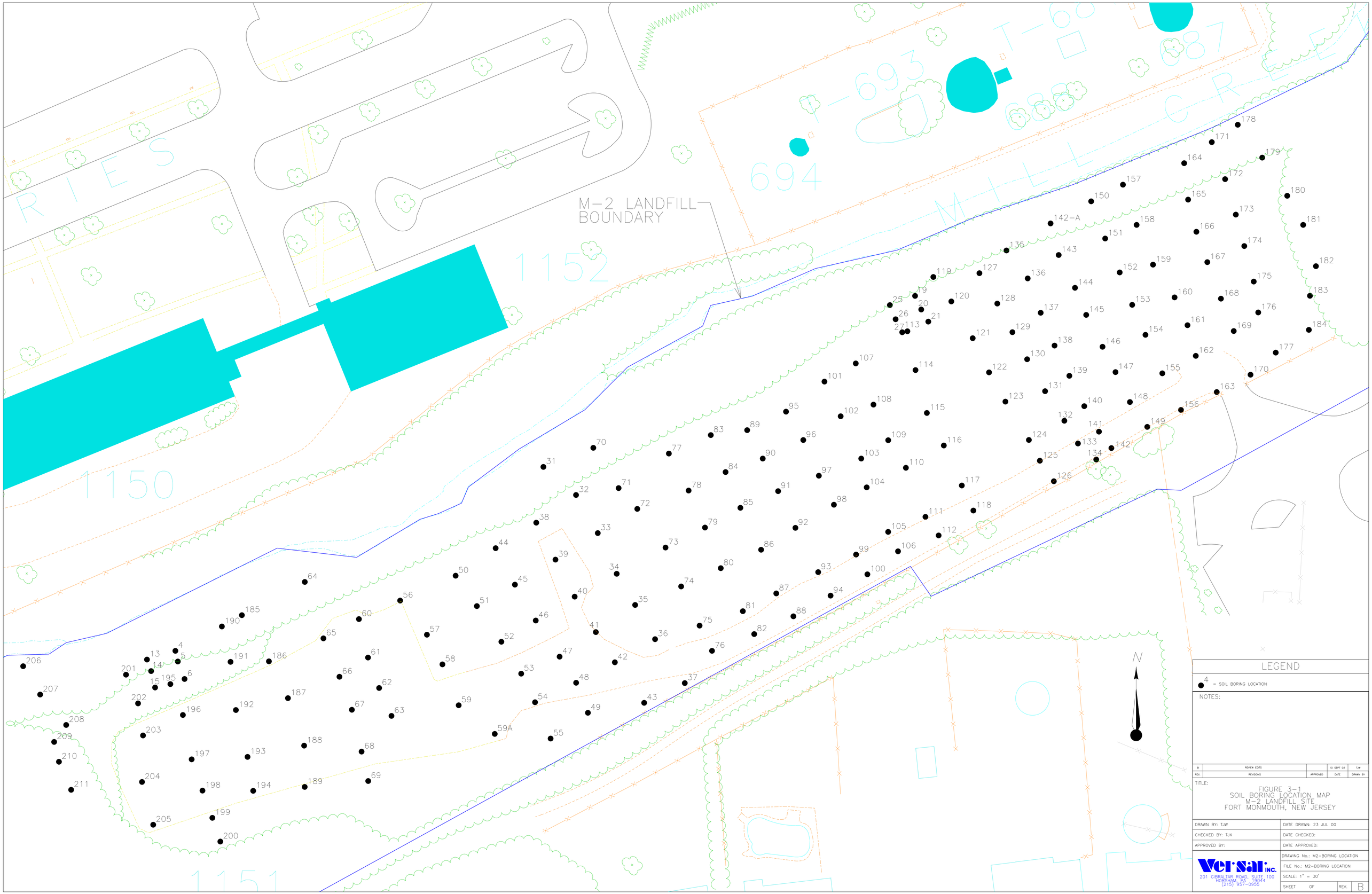
Versar INC.
201 Gibraltar Road, Suite 100
Horsham, PA 19044
(215) 957-0955



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

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

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



LEGEND

● 4 = SOIL BORING LOCATION

NOTES:

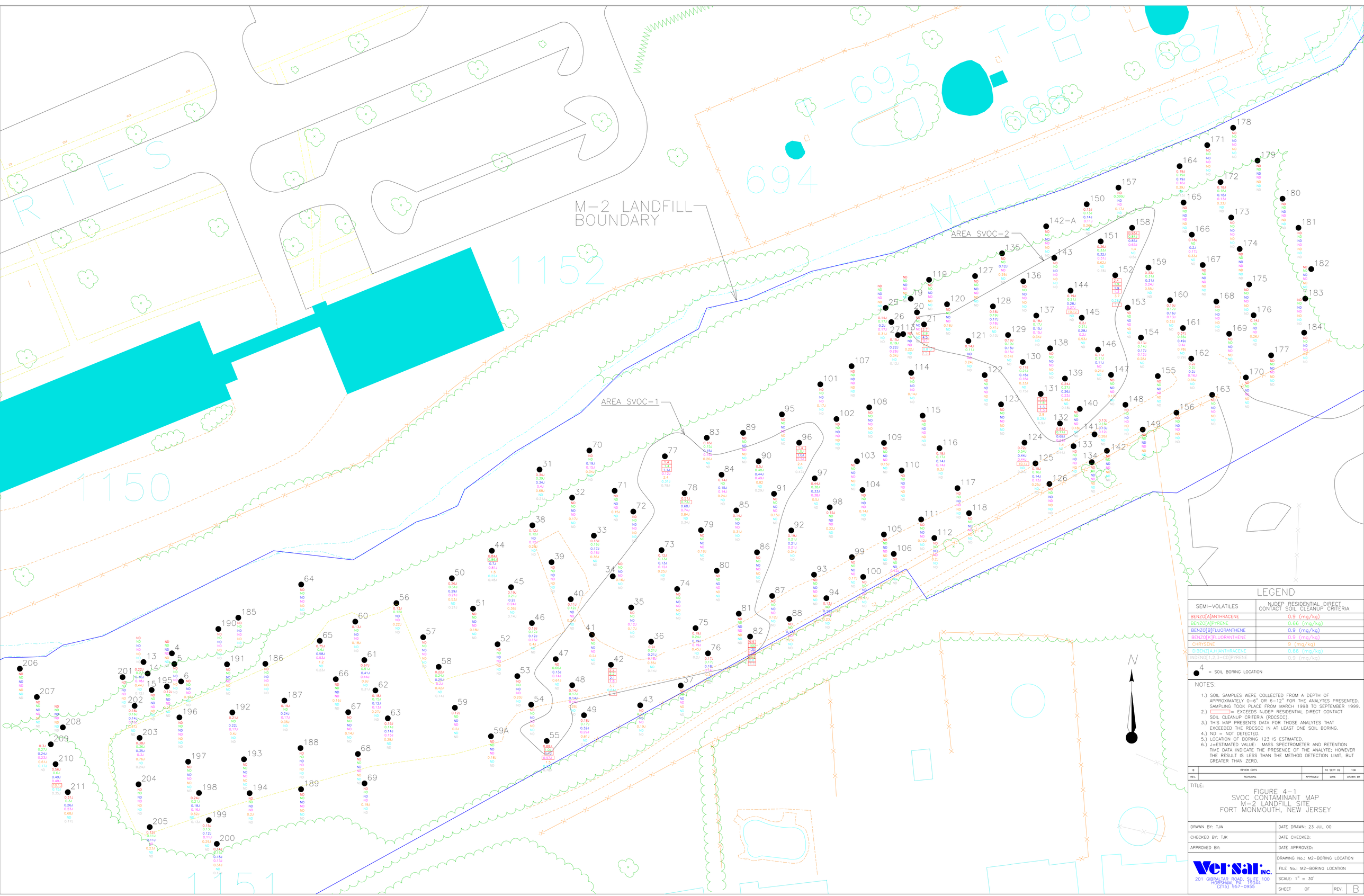
REV.	REVISIONS	APPROVED	DATE	DRAWN BY
B	REVIEW EDITS		10 SEPT 02	TJW

TITLE:

FIGURE 3-1
SOIL BORING LOCATION MAP
M-2 LANDFILL SITE
FORT MONMOUTH, NEW JERSEY

DRAWN BY: TJW	DATE DRAWN: 23 JUL 00
CHECKED BY: TJK	DATE CHECKED:
APPROVED BY:	DATE APPROVED:
	DRAWING No.: M2-BORING LOCATION
	FILE No.: M2-BORING LOCATION
	SCALE: 1" = 30'
	SHEET OF REV. B

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



LEGEND

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

4 = SOIL BORING LOCATION

NOTES:

1.) SOIL SAMPLES WERE COLLECTED FROM A DEPTH OF APPROXIMATELY 0-6" OR 6-12" FOR THE ANALYTES PRESENTED. SAMPLING TOOK PLACE FROM MARCH 1998 TO SEPTEMBER 1999.
2.) = EXCEEDS NJDEP RESIDENTIAL DIRECT CONTACT SOIL CLEANUP CRITERIA (RDCSCC).
3.) THIS MAP PRESENTS DATA FOR THOSE ANALYTES THAT EXCEEDED THE RDCSCC IN AT LEAST ONE SOIL BORING.
4.) ND = NOT DETECTED.
5.) LOCATION OF BORING 123 IS ESTIMATED.
6.) 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
B	REVIEW EDITS		10 SEPT 02	TJK

TITLE:

FIGURE 4-1
SVOC CONTAMINANT MAP
M-2 LANDFILL SITE
FORT MONMOUTH, NEW JERSEY

DRAWN BY: TJW	DATE DRAWN: 23 JUL 00
CHECKED BY: TJK	DATE CHECKED:
APPROVED BY:	DATE APPROVED:
	DRAWING No.: M2-BORING LOCATION
	FILE No.: M2-BORING LOCATION
	SCALE: 1" = 30'
	SHEET OF REV. B

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HORSHAM, PA 19044
(215) 957-0955

M-2 LANDFILL BOUNDARY

AREA PESTPCB-1

AREA PESTPCB-2

1150

1151

1152

694

693

MILL

CREEK

ROAD

LEGEND

PESTICIDES/PCB's	NJDEP RESIDENTIAL DIRECT CONTACT SOIL CLEANUP CRITERIA
4,4'-DDE	2 (mg/kg)
4,4'-DDT	2 (mg/kg)
AROCHLOR 1242	0.49 (mg/kg)
AROCHLOR 1248	0.49 (mg/kg)
AROCHLOR 1254	0.49 (mg/kg)
AROCHLOR 1260	0.49 (mg/kg)
DIELDRIN	0.042 (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 EXCEEDEDAT LEAST ONE SOIL BORING.
4.) NLE = NO LIMIT ESTABLISHED
5.) ND = NOT DETECTED

REV.	REVISIONS	APPROVED	DATE	DRAWN BY
B	REVIEW EDITS		10 SEPT 02	TJW

TITLE:

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

DRAWN BY: TJW	DATE DRAWN: 23 JUL 00
CHECKED BY: TJK	DATE CHECKED:
APPROVED BY:	DATE APPROVED:
	DRAWING No.: M2-PESTICIDES
	FILE No.: M2-PESTICIDES
	SCALE: 1" = 30'
	SHEET OF REV. B

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

M-2 LANDFILL BOUNDARY

AREA METALS-1

1150

1151

1152

694

693

MILLER CIRCLE

GOOSE

N

LEGEND

METALS	NJDEP RESIDENTIAL DIRECT CONTACT SOIL CLEANUP CRITERIA
ARSENIC	20 (mg/kg)
BERYLLIUM	2 (mg/kg)
CADMIUM	39 (mg/kg)
LEAD	400 (mg/kg)
MERCURY	14 (mg/kg)
NICKEL	250 (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 EXCEEDEDAT LEAST ONE SOIL BORING.
4.) NLE = NO LIMIT ESTABLISHED
5.) ND = NOT DETECTED

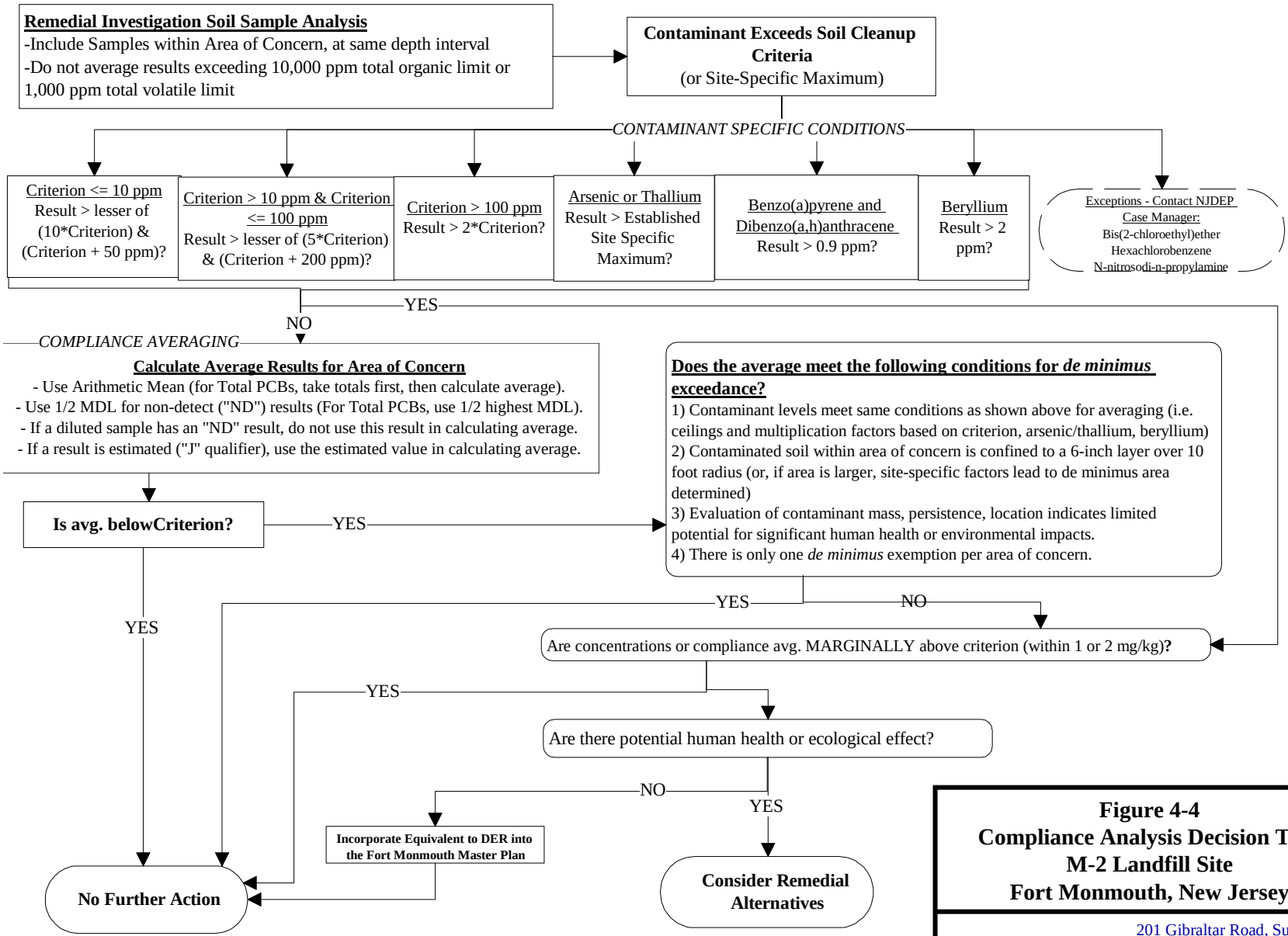
REV.	REVISIONS	APPROVED	DATE	DRAWN BY
B	REVIEW EDITS		10 SEPT 02	TJW

TITLE:

FIGURE 4-3
METALS CONTAMINANT MAP
M-2 LANDFILL SITE
FORT MONMOUTH, NEW JERSEY

DRAWN BY: TJW	DATE DRAWN: 23 JUL 00
CHECKED BY: TJK	DATE CHECKED:
APPROVED BY:	DATE APPROVED:
	DRAWING No.: M2-METALS
	FILE No.: M2-METALS
	SCALE: 1" = 30'
	SHEET OF REV. B

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



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

Figure 4-4
Compliance Analysis Decision Tree
M-2 Landfill Site
Fort Monmouth, New Jersey

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

APPENDICES

APPENDIX A

DPW Proposal Letter to NJDEP defining RIR for Near Surface Soils at the M-2 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-2 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:

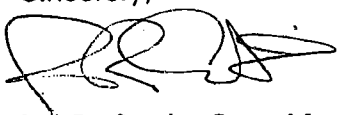
The NJDEP has received your letter of July 7, 1998 regarding the proposed investigation of the eight sanitary landfill sites located on the Main Post and one sanitary landfill located at the Charles Wood area. The NJDEP accepts the letter as submitted and proposed investigation.

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 4.2.2 – Landfill 2 (M-2)

4.2.2 Landfill 2 (M-2)

4.2.2.1 Site Location

Landfill 2 (M-2) is located in the southwestern corner of the Main Post, on the south bank of Mill Creek (Figures 4.2-1 and 4.2-3). The approximate area of Landfill 2 is 280,400 ft^2 (6.5 acres).

4.2.2.2 Site History

According to the Installation Assessment (IA) (USATHAMA, 1980), Landfill 2 was in use between 1964 and 1968. A review of aerial photographs suggests that the landfill was still in use in 1969. The 1969 aerial photograph shows that the western three-quarters of the site is mostly bare ground with abundant wheel tracks; a 50- by 300-ft area in the center of this western area is covered with small piles of debris; vegetation is visible between some of the piles, suggesting that the piles had been there for some time. The eastern quarter of the site is vegetated; a small square building and a steel storage igloo were located near the entrance to the landfill. At present, the Landfill 2 area is used for storage of wood chips.

Materials generally found in Main Post landfills include unwashed pesticide/herbicide cans, batteries, fluorescent tubes, electronic components, garbage, asbestos wrappings from pipes, soot and boiler scale, sludge from sanitary treatment plants (STPs), small quantities of outdated drugs, outdated photographic chemicals in glass bottles, building rubble [including asbestos-containing materials (ACM)], incinerator ash, sand from oil spill cleanups, and other debris (IA). According to the IA, specific wastes known to have been put in Landfill 2 include oil in cans, oil burner filters (with approximately 0.5 liter of oil in each), and soot. The banks along Mill Creek near the west end of Landfill 2 were reportedly covered with building rubble (concrete, cinder blocks, etc.) to stabilize the bank. Metal and concrete protrude from the banks of Mill Creek.

As part of a New Jersey Pollutant Discharge Elimination System (NJPDES) permit (permit No. 0057274), surface-water samples have been taken at two locations in Mill Creek since February 1986. The results are summarized in the recent report (WESTON, 1993). Two VOCs

(tetrachloroethene and trichloroethene) were detected in concentrations above the NJDEP surface-water criteria.

4.2.2.3 Sampling Effort

To identify the source of the halogenated hydrocarbons (HHCs) detected in surface-water samples collected from a previous investigation (WESTON, 1993), two new surface-water samples (M2SW-1 and M2SW-2) were collected (Figures 4.2-2 and 4.2-3). In addition, three shallow monitor wells (MW-1, MW-2, and MW-3) were installed. Monitor well locations (MW-1 through MW-3) and surface-water locations are presented in Figure 4.2-3. Tidal water-level monitoring was conducted for a minimum of 72 hours in the three monitor wells and at stilling well-1 and stilling well-2 prior to the collection of analytical samples. Two rounds of groundwater samples and one round of surface-water samples were analyzed for TCL +30 parameters (which include VOCs, SVOCs, pesticides, and PCBs), TAL metals, and cyanide.

4.2.2.4 Hydrogeologic Interpretation

Lithologic logs from MW-2 and MW-3 indicate that the lithology consists of a thin soil cover (0.2 ft) underlain by fill material. The components of the filled materials observed in both borings consist of coal and wood fragments, roof shingles, paper, and miscellaneous debris. Natural quartz sand, silt, and clays were intermixed with the manmade materials. Monitor well MW-1, located upgradient of the landfill boundary, indicates a lithology consisting primarily of silty medium-fine-grained sand that overlies a fine-medium-grained sandy silt.

Groundwater saturation was observed at approximately 8 ft bgs at all of the well locations. The three monitor wells were screened across the water table, with total depths of 23, 18, and 16 feet bgs in MW-1, MW-2, and MW-3, respectively. Water-level elevation data, measured on 6 March 1995, indicate that local groundwater flow is north toward Mill Creek (Figure 4.2-4). Based on groundwater elevation measurements, monitor wells MW-2 and MW-3 are downgradient of the M-2 area.

4.2.2.5 Groundwater Sampling Results

Monitor wells at site M-2 were sampled for the analytical parameters listed in Table 3.8-1. The analytical results in groundwater samples from the individual sampling rounds are listed in Appendix D. Table 4.2-3 compares the average concentrations of the detected compounds from the February and March sampling rounds with the NJDEP Groundwater Quality Criteria (GWQC), and then compares the results to the subsequent site-specific maximum background and/or Monmouth County background concentrations, where appropriate. Figure 4.2-5 presents the locations and averaged concentrations of compounds detected above both the NJDEP GWQC and the background concentrations established for the Main Post.

VOCs

Chlorobenzene was the only VOC detected in site M-2 groundwater (Figure 4.2-5). However, chlorobenzene was detected in concentrations exceeding the NJDEP GWQC from both sampling rounds in MW-2 and MW-3. Chlorobenzene was not detected in the February sampling round in MW-1, but was detected in the March sampling round in exceedance of the NJDEP GWQC.

SVOCs

SVOCs were not detected in site monitor wells above laboratory quantitation limits from either sampling round.

Pesticides/PCBs

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

Metals

As indicated in Table 4.2-3, of the 20 metals detected in site groundwater, only 5 (aluminum, arsenic, iron, manganese, and lead) were found in concentrations exceeding the NJDEP GWQC.

Table 4.2-3
Fort Monmouth - Main Post
Summary of Average Concentrations of Detected Compounds in Groundwater - Site M-2

COMPOUND	METHOD DETECTION LIMIT (µg/L)	NJDEP GROUNDWATER QUALITY CRITERIA (µg/L)	MAXIMUM BACKGROUND CONCENTRATIONS (µg/L)	ANALYTICAL RESULTS (µg/L) SAMPLING DATE		
				MW1 2/15/95, 3/8/95 (avg.)	MW2 2/15/95, 3/8/95 (avg.)	MW3 2/15/95, 3/8/95 (avg.)
VOC's (µg/L)						
Chlorobenzene	2.7	4	ND	**17.5**	**29**	**10**
SVOCs (µg/L)						
1,4-Dichlorobenzene	4.8	75	ND	ND	3J	ND
4-Methylphenol	12.9	NLE	ND	ND	4J	ND
Naphthalene	8.4	NLE	ND	ND	3J	ND
2-Methylnaphthalene	8.7	NLE	ND	ND	2J	ND
METALS TOTAL (µg/L)						
Aluminum	24	200	121000	**5355 R**	**2061.5**	**1616.5**
Arsenic	1.9	8*	89.3	**8.95**	4.325	3.4
Barium	1.7	2000	699	135	440.5	105.55
Beryllium	0.9	20*	7[1]	0.775	ND	ND
Calcium	10.4	NLE	45400	14150	89350	64550
Cadmium	2.8	4	9.5	ND	2.7	ND
Cobalt	2.3	NLE	18.3	6.75	3.85	2.5
Chromium	2.9	100	191	66 R	22.5	15.25
Copper	1.9	1000	730[1]	5.3	6.575	5.85
Iron	6.4	300	431000	**15900 R**	**61250**	**20450**
Mercury	0.2	2	0.26	ND	0.25	0.195
Potassium	685	NLE	137000	7195	12000	11150
Magnesium	18.3	NLE	62700	8315	11400	5570
Manganese	1.8	50	480[1]	**78.55**	**286.5**	**483.5**
Sodium	30.5	50000	197000[1]	13100	10390	9170
Nickel	10.8	100	187	19.8	ND	ND
Lead	1.1	10*	22.7	4.4	**11.55**	**14.8**
Selenium	1.5	50	29.6	1.9	ND	ND
Vanadium	2.3	NLE	108	21.25	13.65	9.7
Zinc	3.8	5000	233	472	47.35	79.3

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
[1] - Monmouth County maximum background concentration.
R - Data rejected , URS the Data Validator

However, all five metals, with the exception of iron in MW-2 and manganese in MW-3, were found in concentrations below those determined for both site-specific and Monmouth County background at the Main Post. Although iron was found in samples collected from MW-2 in concentrations greater than the range established in the Monmouth County study, the concentrations were well below the site-specific maximum background concentration established at Main Post. Manganese was found in MW-3 in a concentration only slightly greater than the site-specific and Monmouth County background concentrations. 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

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

4.2.2.6 Surface-Water Sampling Results

Figure 4.2-6 presents the Main Post surface-water and sediment sampling locations. Surface-water samples were collected from two locations at M-2: M2SW-1 and M2SW-2 (Figures 4.2-3 and 4.2-6). M2SW-1 is upgradient of M2SW-2. Both samples were determined to be freshwater, based on conductivity data, salinity data, and field observations. Total (unfiltered) and soluble (filtered) concentrations were compared to NJDEP freshwater criteria and background and are presented in Table 4.2-4.

VOCs

Two VOCs (tetrachloroethene and trichloroethene) were found in concentrations in the unfiltered samples greater than the NJDEP freshwater criteria and background at locations SW-1 and SW-2. Figure 4.2-5 presents the locations of the compounds detected above the established criteria and maximum background.

Table 4.2-4
Fort Monmouth - Main Post
Summary of Detected Compounds in Site Surface Water
Total and Soluble - Site M-2

COMPOUND	METHOD DETECTION LIMIT	NJDEP SURFACE WATER CRITERIA* FRESH WATER	MAXIMUM BACKGROUND CONCENTRATION (TOTAL)	MAXIMUM BACKGROUND CONCENTRATION (SOLUBLE)	ANALYTICAL RESULTS (µg/L) SAMPLING DATE - 12/1/1994			
					M2 (Total)		M2 (Soluble)	
					SW-1	SW-2	SW-1	SW-2
VOC's (µg/L)								
1,2-Dichloroethene (total)	4.4	592 (h)	ND	ND	3 J	2 J	NA	NA
Tetrachloroethene (PCE)	4.0	0.388 (hc)	ND	ND	**5 J**	**5 J**	NA	NA
Trichloroethene[1]	2.0	1.09 (hc)	ND	ND	**2 J**	**2 J**	NA	NA
SVOCs (µg/L)								
bis-(2-Ethylhexyl)phthalate	9.7	1.76 (hc)	ND	ND	ND	**4 J**	NA	NA
METALS TOTAL (µg/L)								
Aluminum	26.7	NLE	748	ND	258	263	ND	ND
Barium	2.1	2000 (h)	44.7	39.4	42.7	47	38.2	41.8
Calcium	12	NLE	31600	30900	18000	19400	17700	19000
Cobalt	2.4	NLE	8.1	4.1	4.5	4.8	4.1	ND
Copper	2.4	NLE	3.2	4	3.1	2.9	4.2	4.9
Iron	4.7	NLE	6210	405	2760	3020	493	681
Lead	1.6	5 (h)	10	ND	3.1	2.3	**7.6**	ND
Magnesium	38.2	NLE	5440	5120	2930	2860	2860	3070
Manganese	2.0	NLE	113	98.6	89.9	97.6	86.1	92.8
Nickel	12.8	516 (h)	22.9	16.1	ND	ND	14.7	ND
Potassium	821	NLE	5060	4280	2840	2860	2860	3180
Sodium	15.4	NLE	26700	26200	25400	27500	25200	26900
Zinc	2.8	NLE	35.1	23.8	29.1	19.4	19.4	21.1

[1] - Same compound as listed by NJDEP tetrachloroethylene.

* NJDEP Surface Water Quality Standards (1993).

h -Non carcinogen effect-based human health criteria as a 30 day average.

hc - Carcinogen effect-based human health criteria as 70 year average.

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

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

NLE - No Level Established.

NA - Not Analyzed.

Compounds detected above NJDEP Surface Water Criteria are noted by bold numbers.

SVOCs

Bis(2-ethylhexyl) phthalate was the only SVOC detected in site M-2 surface water. In addition, the compound was found in a concentration greater than the NJDEP freshwater criteria and background at location SW-2. Bis(2-ethylhexyl) phthalate is a common laboratory contaminant and can be attributed to sampling or laboratory contamination.

Pesticides/PCBs

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

Metals

Of the 13 metals detected in site surface water, only one (lead) was found in a concentration greater than the NJDEP freshwater criteria and maximum background. The compound exceeded the criteria in the filtered sample, but was not detected above criteria in the unfiltered sample (Figure 4.2-5).

4.2.2.7 Tidal Monitoring

Appendix E presents hydrographs of the comparisons between the monitor wells (MW-1 though MW-3) and the stilling wells (1 and 2) during the tidal monitoring tests.

Tidal fluctuations in Mill Creek and in site monitor wells were monitored at upstream tidal monitoring station (stilling well-2), downstream tidal monitoring station (stilling well-1), and site monitor wells (MW-1 through MW-3) (Figure 4.2-3). (Hydrographs are presented in Appendix E.) The tidal monitoring stations are approximately 2,400 ft apart. Changes in creek levels at the upstream location were compared to changes in water levels measured at well MW-2, and changes in creek levels at the downstream location were compared to changes in water levels measured at well MW-3. Wells MW-2 and MW-3 are approximately 150 feet from the creek.

Tidal fluctuations in the creek were also compared to water levels measured at well MW-1, approximately 1,100 feet from the creek. Monitor wells were screened below sea level.

The tidal monitoring data collected at Landfill 2 (M-2) suggest that the stream is influenced by incoming tides. Peaks representing the high tides at stilling well-1 and stilling well-2 are observed, but low tide peaks are not apparent because the elevation of the stream bed at Landfill 2 (M-2) is higher than the elevation of sea level at low tide. The streambed elevation is 1.37 feet above mean sea level (ft msl) at stilling well-1 and 1.28 ft msl at stilling well-2. The maximum change in creek stage at Landfill 2 (M-2) was 1.2 feet, and the maximum change in water level in the monitor wells was 0.2 foot.

Data collected from well MW-1 were useful as baseline data during the tidal monitoring study at Landfill 2 (M-2). The data suggest that there is no apparent tidal effect on the water levels at well MW-1 and creek levels measured at stilling well-1 or -2. Well MW-1 is approximately 1,100 feet from the creek and is too distant to be influenced by changing creek stage. Water levels in the water-bearing unit and creek levels declined by about 0.1 foot over the course of the monitoring study in March 1995.

The water levels recorded at MW-2 and MW-3 appear to be tidally influenced (see Appendix E). Water levels measured at both wells respond almost instantaneously to rising creek levels. The peak in water levels measured at both wells occurs approximately 20 to 40 minutes after the peak in creek stage. At both monitoring locations (stilling well-1, MW-2 and stilling well-2, MW-3) water-level peaks at each well are approximately 15% to 20% of the tidal peak in creek levels.

4.2.2.7.1 Conductivity and Salinity Results

Conductivity and salinity were measured in surface-water and groundwater samples at Landfill 2 (M-2) in January and March 1995, and are presented in tables in Appendix E. Measurements were collected at low tide and high tide each month to evaluate the extent of saltwater intrusion at each site. High conductivity and salinity readings indicate salty or brackish water, whereas low readings indicate freshwater.

The data indicate the presence of freshwater in the creek at Landfill 2 (M-2). Specific conductance measured in the creek at Landfill 2 (M-2) is consistently less than 240 µmhos. In addition, salinity measured in the creek at Landfill 2 (M-2) is consistently less than 0.2 parts per thousand (ppth). The results are consistent with the higher streambed elevation at Landfill 2 (M-2) when compared to Landfill 8 (M-8) and Landfills 12 and 14 (M-12, M-14).

Groundwater sampled from monitor wells MW-1 and MW-3 generally exhibits low conductivity and zero salinity, except well MW-2 at Landfill 2 (M-2). The moderate to high specific conductance at well MW-2 at Landfill 2 (M-2) is unexplained, but is likely caused by saltwater intrusion from Parkers Creek.

4.2.2.8 Recommendations

The surface-water sampling results indicate that two VOCs were detected at the two surface-water locations at concentrations greater than NJDEP surface-water criteria, and above maximum background concentrations. In addition, soluble lead was detected at a concentration greater than NJDEP criteria and the maximum background concentrations. Because the site formerly had an NJPDES permit (permit No. 0057274), surface water has been sampled since 1986. The results from the current round of surface-water sampling for VOCs are less than the maximum results from previous rounds.

Chlorobenzene was detected in the groundwater at concentrations exceeding the NJDEP GWQC and background in both downgradient monitor wells from both sampling rounds and in the upgradient well during one sampling round.

The results of the tidal monitoring indicate that there is no apparent relationship between the changing creek levels and the water levels in upgradient monitor well MW-1; however, a direct relationship was observed between changing creek levels and the water levels in downgradient monitor wells MW-2 and MW-3. Conductivity and salinity results indicate the presence of freshwater in the creek at site M-2. Freshwater was indicated at monitor wells MW-1 and

MW-3. A moderate to high specific conductance was measured at monitor well MW-2, which is unexplained.

Although groundwater sample results at site M-2 exceeded NJDEP criteria for one VOC, and surface-water results were slightly exceeded by two VOCs, immediate remedial action is not required for several reasons. Immediate remedial action is usually based on an immediate threat to human health. At this site, shallow groundwater flows toward and discharges to Mill Creek, as indicated by water-level measurements in site monitor wells. Also, there are no known uses of groundwater at or downgradient of the site. Although there is slight VOC contamination in Mill Creek, there is no use of this water for human consumption. In fact, Mill Creek becomes saline immediately downgradient of site M-2. Therefore, the groundwater and surface waters are not used for drinking water.

In addition, surface-water sampling has been performed at this site since 1986, and 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. Although downgradient surface-water samples were not taken during this round, previous sampling at site M-8 indicated that NJDEP surface-water criteria were not exceeded for VOCs. Therefore, the only portion of Mill Creek for which NJDEP surface-water criteria are exceeded is the portion between sites M-2 and M-8. All of this portion is on Fort Monmouth property and, therefore, access to it is restricted.

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

APPENDIX D

Soil Boring Samples Laboratory Analytical Data Sheets

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS
PHONE: (732)532-6224 FAX: (732)532-6263
WET-CHEM - METALS - ORGANICS - FIELD SAMPLING
NJDEP LABORATORY CERTIFICATION # 13461

ANALYTICAL DATA REPORT
Fort Monmouth Environmental Laboratory
ENVIRONMENTAL DIVISION
Fort Monmouth, New Jersey
PROJECT: M-2 Landfill

M-2

Field Sample Location	Laboratory Sample ID#	Matrix	Date and Time of Collection	Date Received
Trip Blank	4286.01	Methanol	19-Feb-99	02/19/99
M-2 4 6-12"	4286.02	Soil	19-Feb-99 09:50	02/19/99
M-2 4 24"	4286.03	Soil	19-Feb-99 09:50	02/19/99
M-2 5 6-12"	4286.04	Soil	19-Feb-9910:15	02/19/99
M-2 5 24"	4286.05	Soil	19-Feb-9910:15	02/19/99
M-2 6 6-12"	4286.06	Soil	19-Feb-99 11:15	02/19/99
M-2 6 24"	4286.07	Soil	19-Feb-99 11:15	02/19/99
Trip Blank	4295.01	Methanol	23-Feb-99	02/23/99
M-2 13 6-12"	4295.02	Soil	23-Feb-99 09:50	02/23/99
M-2 13 24"	4295.03	Soil	23-Feb-99 09:50	02/23/99
M-2 14 6-12"	4295.04	Soil	23-Feb-99 10:50	02/23/99
M-2 14 24"	4295.05	Soil	23-Feb-99 10:50	02/23/99
M-2 15 6-12"	4295.06	Soil	23-Feb-99 11:15	02/23/99
M-2 15 24"	4295.07	Soil	23-Feb-99 11:15	02/23/99
Trip Blank	4298.01	Methanol	24-Feb-99	02/24/99
M-2 19 6-12"	4298.02	Soil	24-Feb-99 10:20	02/24/99
M-2 19 24"	4298.03	Soil	24-Feb-99 10:20	02/24/99
M-2 20 6-12"	4298.04	Soil	24-Feb-9910:36	02/24/99
M-2 20 24"	4298.05	Soil	24-Feb-9910:36	02/24/99
M-2 21 6-12"	4298.06	Soil	24-Feb-9910:50	02/24/99
M-2 21 24"	4298.07	Soil	24-Feb-9910:50	02/24/99
M-2 25 6-12"	4298.08	Soil	24-Feb-99 11:42	02/24/99
M-2 25 24"	4298.09	Soil	24-Feb-99 11:42	02/24/99
M-2 26 6-12"	4298.10	Soil	24-Feb-99 13:38	02/24/99
M-2 26 24"	4298.11	Soil	24-Feb-99 13:38	02/24/99
M-2 27 6-12"	4298.12	Soil	24-Feb-99 13:50	02/24/99
M-2 27 24"	4298.13	Soil	24-Feb-99 13:50	02/24/99
Trip Blank	4327.01	Methanol	08-Mar-99	08-Mar-99
M-2 31 6-12"	4327.02	Soil	08-Mar-99 13:00	08-Mar-99
M-2 31 24"	4327.03	Soil	08-Mar-99 13:00	08-Mar-99

SAMPLE LOCATION AND IDENTIFICATION

M-2 32 6-12"	4327.04	Soil	08-Mar-99 14:00	03/08/99
M-2 32 24"	4327.05	Soil	08-Mar-99 14:00	03/08/99
M-2 33 6-12"	4327.06	Soil	08-Mar-99 15:00	03/08/99
M-2 33 24"	4327.07	Soil	08-Mar-99 15:00	03/08/99
Trip Blank	4331.01	Methanol	09-Mar-99	03/09/99
M-2 34 6-12"	4331.02	Soil	09-Mar-99 11:10	03/09/99
M-2 34 24"	4331.03	Soil	09-Mar-99 11:10	03/09/99
M-2 35 6-12"	4331.04	Soil	09-Mar-99 13:20	03/09/99
M-2 35 24"	4331.05	Soil	09-Mar-99 13:20	03/09/99
M-2 36 6-12"	4331.06	Soil	09-Mar-99 14:20	03/09/99
M-2 36 24"	4331.07	Soil	09-Mar-99 14:20	03/09/99
M-2 37 6-12"	4331.08	Soil	09-Mar-99 15:08	03/09/99
M-2 37 24"	4331.09	Soil	09-Mar-99 15:08	03/09/99
Trip Blank	4335.01	Methanol	10-Mar-99	03/10/99
M-2 38 6-12"	4335.02	Soil	10-Mar-99 10:30	03/10/99
M-2 38 24"	4335.03	Soil	10-Mar-99 10:30	03/10/99
M-2 39 6-12"	4335.04	Soil	10-Mar-99 11:10	03/10/99
M-2 39 24"	4335.05	Soil	10-Mar-99 11:10	03/10/99
M-2 40 6-12"	4335.06	Soil	10-Mar-99 12:55	03/10/99
M-2 40 24"	4335.07	Soil	10-Mar-99 12:55	03/10/99
M-2 41 6-12"	4335.08	Soil	10-Mar-99 14:00	03/10/99
M-2 41 24"	4335.09	Soil	10-Mar-99 14:00	03/10/99
M-2 42 6-12"	4335.10	Soil	10-Mar-99 15:00	03/10/99
M-2 42 24"	4335.11	Soil	10-Mar-99 15:00	03/10/99
Trip Blank	4340.01	Methanol	11-Mar-99	03/11/99
M-2 43 6-12"	4340.02	Soil	11-Mar-99 10:20	03/11/99
M-2 43 24"	4340.03	Soil	11-Mar-99 10:20	03/11/99
M-2 44 6-12"	4340.04	Soil	11-Mar-99 11:25	03/11/99
M-2 44 24"	4340.05	Soil	11-Mar-99 11:25	03/11/99
Trip Blank	4349.01	Methanol	16-Mar-99	03/16/99
M-2 45 6-12"	4349.02	Soil	16-Mar-99 11:10	03/16/99
M-2 45 24"	4349.03	Soil	16-Mar-99 11:10	03/16/99
M-2 46 6-12"	4349.04	Soil	16-Mar-99 11:45	03/16/99
M-2 46 24"	4349.05	Soil	16-Mar-99 11:45	03/16/99
M-2 47 6-12"	4349.06	Soil	16-Mar-99 13:20	03/16/99
M-2 47 24"	4349.07	Soil	16-Mar-99 13:20	03/16/99
M-2 48 6-12"	4349.08	Soil	16-Mar-99 13:50	03/16/99
M-2 48 24"	4349.09	Soil	16-Mar-99 13:50	03/16/99
Trip Blank	4356.01	Methanol	17-Mar-99	03/17/99
M-2 49 6-12"	4356.02	Soil	17-Mar-99 09:39	03/17/99
M-2 49 24"	4356.03	Soil	17-Mar-99 09:39	03/17/99
M-2 50 6-12"	4356.04	Soil	17-Mar-99 10:25	03/17/99
M-2 50 24"	4356.05	Soil	17-Mar-99 10:25	03/17/99
M-2 51 6-12"	4356.06	Soil	17-Mar-99 11:15	03/17/99
M-2 51 24"	4356.07	Soil	17-Mar-99 11:15	03/17/99
M-2 52 6-12"	4356.08	Soil	17-Mar-99 11:40	03/17/99
M-2 52 24"	4356.09	Soil	17-Mar-99 11:40	03/17/99
M-2 53 6-12"	4356.10	Soil	17-Mar-99 13:38	03/17/99
M-2 53 24"	4356.11	Soil	17-Mar-99 13:38	03/17/99
M-2 54 6-12"	4356.12	Soil	17-Mar-99 14:15	03/17/99
M-2 54 24"	4356.13	Soil	17-Mar-99 14:15	03/17/99
M-2 55 6-12"	4356.14	Soil	17-Mar-99 15:05	03/17/99
M-2 55 24"	4356.15	Soil	17-Mar-99 15:05	03/17/99

SAMPLE LOCATION AND IDENTIFICATION

Field Dup. 6-12"	4356.16	Soil	17-Mar-99	03/17/99
Field Dup. 24"	4356.17	Soil	17-Mar-99	03/17/99
Trip Blank	4359.01	Methanol	18-Mar-99	03/18/99
M-2 56 6-12"	4359.02	Soil	18-Mar-99 10:40	03/18/99
M-2 56 24"	4359.03	Soil	18-Mar-99 10:40	03/18/99
M-2 57 6-12"	4359.04	Soil	18-Mar-99 11:30	03/18/99
M-2 57 24"	4359.05	Soil	18-Mar-99 11:30	03/18/99
M-2 58 6-12"	4359.06	Soil	18-Mar-99 14:20	03/18/99
M-2 58 24"	4359.07	Soil	18-Mar-99 14:20	03/18/99
M-2 59 6-12"	4359.08	Soil	18-Mar-99 15:10	03/18/99
M-2 59 24"	4359.09	Soil	18-Mar-99 15:10	03/18/99
Trip Blank	4367.01	Methanol	23-Mar-99	03/23/99
M-2 59A 6-12"	4367.02	Soil	23-Mar-99 09:45	03/23/99
M-2 59A 24"	4367.03	Soil	23-Mar-99 09:45	03/23/99
M-2 60 6-12"	4367.04	Soil	23-Mar-99 10:30	03/23/99
M-2 60 24"	4367.05	Soil	23-Mar-99 10:30	03/23/99
M-2 61 6-12"	4367.06	Soil	23-Mar-99 11:15	03/23/99
M-2 61 24"	4367.07	Soil	23-Mar-99 11:15	03/23/99
M-2 62 6-12"	4367.08	Soil	23-Mar-99 11:46	03/23/99
M-2 62 24"	4367.09	Soil	23-Mar-99 11:46	03/23/99
M-2 63 6-12"	4367.10	Soil	23-Mar-99 13:30	03/23/99
M-2 63 24"	4367.11	Soil	23-Mar-99 13:30	03/23/99
M-2 64 6-12"	4367.12	Soil	23-Mar-99 14:20	03/23/99
M-2 64 24"	4367.13	Soil	23-Mar-99 14:20	03/23/99
M-2 65 6-12"	4367.14	Soil	23-Mar-99 15:00	03/23/99
M-2 65 24"	4367.15	Soil	23-Mar-99 15:00	03/23/99
Trip Blank	4380.01	Methanol	30-Mar-99	03/30/99
M-2 66 6-12"	4380.02	Soil	30-Mar-99 09:40	03/30/99
M-2 66 24"	4380.03	Soil	30-Mar-99 09:40	03/30/99
M-2 67 6-12"	4380.04	Soil	30-Mar-99 10:55	03/30/99
M-2 67 24"	4380.05	Soil	30-Mar-99 10:55	03/30/99
M-2 68 6-12"	4380.06	Soil	30-Mar-99 11:45	03/30/99
M-2 68 24"	4380.07	Soil	30-Mar-99 11:45	03/30/99
M-2 69 6-12"	4380.08	Soil	30-Mar-99 13:30	03/30/99
M-2 69 24"	4380.09	Soil	30-Mar-99 13:30	03/30/99
M-2 70 6-12"	4380.10	Soil	30-Mar-99 15:00	03/30/99
M-2 70 24"	4380.11	Soil	30-Mar-99 15:00	03/30/99
Trip Blank	4395.01	Methanol	06-Apr-99	04/06/99
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M-2 71 24"	4395.03	Soil	06-Apr-99 11:00	04/06/99
M-2 72 6-12"	4395.04	Soil	06-Apr-99 13:28	04/06/99
M-2 72 24"	4395.05	Soil	06-Apr-99 13:28	04/06/99
M-2 73 6-12"	4395.06	Soil	06-Apr-99 14:20	04/06/99
M-2 73 24"	4395.07	Soil	06-Apr-99 14:20	04/06/99
Trip Blank	4406.01	Methanol	09-Apr-99	04/09/99
M-2 74 6-12"	4406.02	Soil	09-Apr-99 09:20	04/09/99
M-2 74 24"	4406.03	Soil	09-Apr-99 09:20	04/09/99
M-2 75 6-12"	4406.04	Soil	09-Apr-99 10:40	04/09/99
M-2 75 24"	4406.05	Soil	09-Apr-99 10:40	04/09/99
M-2 76 6-12"	4406.06	Soil	09-Apr-99 14:00	04/09/99
M-2 76 24"	4406.07	Soil	09-Apr-99 14:00	04/09/99
Field Dup. 6-12"	4406.08	Soil	09-Apr-99	04/09/99
Field Dup. 24"	4406.09	Soil	09-Apr-99	04/09/99

SAMPLE LOCATION AND IDENTIFICATION

Trip Blank	4415.01	Methanol	13-Apr-99	04/13/99
M-2 77 6-12"	4415.02	Soil	13-Apr-99 10:15	04/13/99
M-2 77 24"	4415.03	Soil	13-Apr-99 10:15	04/13/99
M-2 78 6-12"	4415.04	Soil	13-Apr-99 11:20	04/13/99
M-2 78 24"	4415.05	Soil	13-Apr-99 11:20	04/13/99
M-2 79 6-12"	4415.06	Soil	13-Apr-99 14:00	04/13/99
M-2 79 24"	4415.07	Soil	13-Apr-99 14:00	04/13/99
M-2 80 6-12"	4415.08	Soil	13-Apr-99 15:00	04/13/99
M-2 80 24"	4415.09	Soil	13-Apr-99 15:00	04/13/99
Trip Blank	4418.01	Methanol	14-Apr-99	04/14/99
M-2 81 6-12"	4418.02	Soil	14-Apr-99 10:30	04/14/99
M-2 81 24"	4418.03	Soil	14-Apr-99 10:30	04/14/99
M-2 82 6-12"	4418.04	Soil	14-Apr-99 11:30	04/14/99
M-2 82 24"	4418.05	Soil	14-Apr-99 11:30	04/14/99
M-2 83 6-12"	4418.06	Soil	14-Apr-99 13:00	04/14/99
M-2 83 24"	4418.07	Soil	14-Apr-99 13:00	04/14/99
M-2 84 6-12"	4418.08	Soil	14-Apr-99 13:45	04/14/99
M-2 84 24"	4418.09	Soil	14-Apr-99 13:45	04/14/99
M-2 85 6-12"	4418.10	Soil	14-Apr-99 14:25	04/14/99
M-2 85 24"	4418.11	Soil	14-Apr-99 14:25	04/14/99
M-2 86 6-12"	4418.12	Soil	14-Apr-99 15:00	04/14/99
M-2 86 24"	4418.13	Soil	14-Apr-99 15:00	04/14/99
Trip Blank	4423.01	Methanol	16-Apr-99	04/16/99
M-2 87 6-12"	4423.02	Soil	16-Apr-99 10:00	04/16/99
M-2 87 24"	4423.03	Soil	16-Apr-99 10:00	04/16/99
M-2 88 6-12"	4423.04	Soil	16-Apr-99 11:00	04/16/99
M-2 88 24"	4423.05	Soil	16-Apr-99 11:00	04/16/99
M-2 89 6-12"	4423.06	Soil	16-Apr-99 11:40	04/16/99
M-2 89 24"	4423.07	Soil	16-Apr-99 11:40	04/16/99
M-2 90 6-12"	4423.08	Soil	16-Apr-99 13:55	04/16/99
M-2 90 24"	4423.09	Soil	16-Apr-99 13:55	04/16/99
M-2 91 6-12"	4423.10	Soil	16-Apr-99 14:40	04/16/99
M-2 91 24"	4423.11	Soil	16-Apr-99 14:40	04/16/99
Trip Blank	4434.01	Methanol	20-Apr-99	04/20/99
M-2 92 6-12"	4434.02	Soil	20-Apr-99 10:25	04/20/99
M-2 92 24"	4434.03	Soil	20-Apr-99 10:25	04/20/99
M-2 93 6-12"	4434.04	Soil	20-Apr-99 11:30	04/20/99
M-2 93 24"	4434.05	Soil	20-Apr-99 11:30	04/20/99
M-2 94 6-12"	4434.06	Soil	20-Apr-99 13:40	04/20/99
M-2 94 24"	4434.07	Soil	20-Apr-99 13:40	04/20/99
M-2 95 6-12"	4434.08	Soil	20-Apr-99 14:30	04/20/99
M-2 95 24"	4434.09	Soil	20-Apr-99 14:30	04/20/99
M-2 96 6-12"	4434.10	Soil	20-Apr-99 15:20	04/20/99
M-2 96 24"	4434.11	Soil	20-Apr-99 15:20	04/20/99
Trip Blank	4443.01	Methanol	26-Apr-99	04/27/99
M-2 97 6-12"	4443.02	Soil	26-Apr-99 10:00	04/27/99
M-2 97 24"	4443.03	Soil	26-Apr-99 10:00	04/27/99
M-2 98 6-12"	4443.04	Soil	26-Apr-99 10:45	04/27/99
M-2 98 24"	4443.05	Soil	26-Apr-99 10:45	04/27/99
M-2 99 6-12"	4443.06	Soil	26-Apr-99 11:36	04/27/99
M-2 99 24"	4443.07	Soil	26-Apr-99 11:36	04/27/99
M-2 100 6-12"	4443.08	Soil	26-Apr-99 14:00	04/27/99
M-2 100 24"	4443.09	Soil	26-Apr-99 14:00	04/27/99

SAMPLE LOCATION AND IDENTIFICATION

M-2 101 6-12"	4443.10	Soil	26-Apr-99 15:00	04/27/99
M-2 101 24"	4443.11	Soil	26-Apr-99 15:00	04/27/99
Trip Blank	4446.01	Methanol	27-Apr-99	04/27/99
M-2 102 6-12"	4446.02	Soil	27-Apr-99 09:50	04/27/99
M-2 102 30"	4446.03	Soil	27-Apr-99 09:50	04/27/99
M-2 103 6-12"	4446.04	Soil	27-Apr-99 10:40	04/27/99
M-2 103 30"	4446.05	Soil	27-Apr-99 10:40	04/27/99
M-2 104 6-12"	4446.06	Soil	27-Apr-99 11:40	04/27/99
M-2 104 24"	4446.07	Soil	27-Apr-99 11:40	04/27/99
M-2 105 6-12"	4446.08	Soil	27-Apr-99 13:30	04/27/99
M-2 105 24"	4446.09	Soil	27-Apr-99 13:30	04/27/99
M-2 106 6-12"	4446.10	Soil	27-Apr-99 14:30	04/27/99
M-2 106 24"	4446.11	Soil	27-Apr-99 14:30	04/27/99
M-2 107 6-12"	4446.12	Soil	27-Apr-99 15:15	04/27/99
M-2 107 24"	4446.13	Soil	27-Apr-99 15:15	04/27/99
Field Dup. 6-12"	4446.14	Soil	27-Apr-99	04/27/99
Field Dup. 24"	4446.15	Soil	27-Apr-99	04/27/99
Trip Blank	4462.01	Methanol	04-May-99	05/04/99
M-2 108 6-12"	4462.02	Soil	04-May-99 10:15	05/04/99
M-2 108 24"	4462.03	Soil	04-May-99 10:15	05/04/99
M-2 109 6-12"	4462.04	Soil	04-May-99 11:00	05/04/99
M-2 109 24"	4462.05	Soil	04-May-99 11:00	05/04/99
M-2 110 6-12"	4462.06	Soil	04-May-99 11:45	05/04/99
M-2 110 24"	4462.07	Soil	04-May-99 11:45	05/04/99
M-2 111 6-12"	4462.08	Soil	04-May-99 13:10	05/04/99
M-2 111 24"	4462.09	Soil	04-May-99 13:10	05/04/99
M-2 112 6-12"	4462.10	Soil	04-May-99 14:00	05/04/99
M-2 112 24"	4462.11	Soil	04-May-99 14:00	05/04/99
Trip Blank	4466.01	Methanol	06-May-99	05/06/99
M-2 113 6-12"	4466.02	Soil	06-May-99 09:45	05/06/99
M-2 113 24"	4466.03	Soil	06-May-99 09:45	05/06/99
M-2 114 6-12"	4466.04	Soil	06-May-99 10:30	05/06/99
M-2 114 24"	4466.05	Soil	06-May-99 10:30	05/06/99
M-2 115 6-12"	4466.06	Soil	06-May-99 11:25	05/06/99
M-2 115 24"	4466.07	Soil	06-May-99 11:25	05/06/99
M-2 116 6-12"	4466.08	Soil	06-May-99 14:15	05/06/99
M-2 116 24"	4466.09	Soil	06-May-99 14:15	05/06/99
M-2 117 6-12"	4466.10	Soil	06-May-99 15:00	05/06/99
M-2 117 24"	4466.11	Soil	06-May-99 15:00	05/06/99
M-2 118 6-12"	4466.12	Soil	06-May-99 15:30	05/06/99
M-2 118 24"	4466.13	Soil	06-May-99 15:30	05/06/99
Field Dup. 6-12"	4466.14	Soil	06-May-99	05/06/99
Field Dup. 24"	4466.15	Soil	06-May-99	05/06/99
Trip Blank	4468.01	Methanol	07-May-99	05/07/99
M-2 119 6-12"	4468.02	Soil	07-May-99 09:20	05/07/99
M-2 119 24"	4468.03	Soil	07-May-99 09:20	05/07/99
M-2 120 6-12"	4468.04	Soil	07-May-99 09:48	05/07/99
M-2 120 24"	4468.05	Soil	07-May-99 09:48	05/07/99
M-2 121 6-12"	4468.06	Soil	07-May-99 10:10	05/07/99
M-2 121 24"	4468.07	Soil	07-May-99 10:10	05/07/99
M-2 122 6-12"	4468.08	Soil	07-May-99 10:25	05/07/99
M-2 122 24"	4468.09	Soil	07-May-99 10:25	05/07/99
M-2 123 6-12"	4468.10	Soil	07-May-99 10:45	05/07/99

SAMPLE LOCATION AND IDENTIFICATION

M-2 123 24"	4468.11	Soil	07-May-99 10:45	05/07/99
M-2 124 6-12"	4468.12	Soil	07-May-99 11:00	05/07/99
M-2 124 24"	4468.13	Soil	07-May-99 11:00	05/07/99
M-2 125 6-12"	4468.14	Soil	07-May-99 11:17	05/07/99
M-2 125 24"	4468.15	Soil	07-May-99 11:17	05/07/99
M-2 126 6-12"	4468.16	Soil	07-May-99 11:35	05/07/99
M-2 126 24"	4468.17	Soil	07-May-99 11:35	05/07/99
M-2 127 6-12"	4468.18	Soil	07-May-99 11:50	05/07/99
M-2 127 24"	4468.19	Soil	07-May-99 11:50	05/07/99
Trip Blank	4472.01	Methanol	10-May-99	05/10/99
M-2 128 6-12"	4472.02	Soil	10-May-99 09:15	05/10/99
M-2 128 24"	4472.03	Soil	10-May-99 09:15	05/10/99
M-2 129 6-12"	4472.04	Soil	10-May-99 09:30	05/10/99
M-2 129 24"	4472.05	Soil	10-May-99 09:30	05/10/99
M-2 130 6-12"	4472.06	Soil	10-May-99 09:45	05/10/99
M-2 130 24"	4472.07	Soil	10-May-99 09:45	05/10/99
M-2 131 6-12"	4472.08	Soil	10-May-99 10:00	05/10/99
M-2 131 24"	4472.09	Soil	10-May-99 10:00	05/10/99
M-2 132 6-12"	4472.10	Soil	10-May-99 10:30	05/10/99
M-2 132 24"	4472.11	Soil	10-May-99 10:30	05/10/99
M-2 133 6-12"	4472.12	Soil	10-May-99 11:05	05/10/99
M-2 133 24"	4472.13	Soil	10-May-99 11:05	05/10/99
M-2 134 6-12"	4472.14	Soil	10-May-99 11:20	05/10/99
M-2 134 24"	4472.15	Soil	10-May-99 11:20	05/10/99
M-2 135 6-12"	4472.16	Soil	10-May-9911:35	05/10/99
M-2 135 24"	4472.17	Soil	10-May-99 11:35	05/10/99
M-2 136 6-12"	4472.18	Soil	10-May-99 12:00	05/10/99
M-2 136 24"	4472.19	Soil	10-May-99 12:00	05/10/99
M-2 137 6-12"	4472.20	Soil	10-May-99 13:15	05/10/99
M-2 137 24"	4472.21	Soil	10-May-99 13:15	05/10/99
M-2 138 6-12"	4472.22	Soil	10-May-99 13:33	05/10/99
M-2 138 24"	4472.23	Soil	10-May-99 13:33	05/10/99
M-2 139 6-12"	4472.24	Soil	10-May-99 14:00	05/10/99
M-2 139 24"	4472.25	Soil	10-May-99 14:00	05/10/99
M-2 140 6-12"	4472.26	Soil	10-May-99 14:23	05/10/99
M-2 140 24"	4472.27	Soil	10-May-99 14:23	05/10/99
M-2 141 6-12"	4472.28	Soil	10-May-99 15:00	05/10/99
M-2 141 24"	4472.29	Soil	10-May-99 15:00	05/10/99
M-2 142 6-12"	4472.30	Soil	10-May-99 15:15	05/10/99
M-2 142 24"	4472.31	Soil	10-May-99 15:15	05/10/99
Field Dup. 142 6-12"	4472.32	Soil	10-May-99	05/10/99
Field Dup. 142 24"	4472.33	Soil	10-May-99	05/10/99
Trip Blank	4475.01	Methanol	11-May-99	05/11/99
M-2 142A 6-12"	4475.02	Soil	11-May-99 09:15	05/11/99
M-2 142A 24"	4475.03	Soil	11-May-99 09:15	05/11/99
M-2 143 6-12"	4475.04	Soil	11-May-99 09:30	05/11/99
M-2 143 24"	4475.05	Soil	11-May-99 09:30	05/11/99
M-2 144 6-12"	4475.06	Soil	11-May-99 09:45	05/11/99
M-2 144 24"	4475.07	Soil	11-May-99 09:45	05/11/99
M-2 145 6-12"	4475.08	Soil	11-May-99 09:58	05/11/99
M-2 145 24"	4475.09	Soil	11-May-99 09:58	05/11/99
M-2 146 6-12"	4475.10	Soil	11-May-99 10:15	05/11/99
M-2 146 24"	4475.11	Soil	11-May-99 10:15	05/11/99

SAMPLE LOCATION AND IDENTIFICATION

M-2 147 6-12"	4475.12	Soil	11-May-99 10:30	05/11/99
M-2 147 24"	4475.13	Soil	11-May-99 10:30	05/11/99
M-2 148 6-12"	4475.14	Soil	11-May-99 10:50	05/11/99
M-2 148 24"	4475.15	Soil	11-May-99 10:50	05/11/99
M-2 149 6-12"	4475.16	Soil	11-May-99 11:05	05/11/99
M-2 149 24"	4475.17	Soil	11-May-99 11:05	05/11/99
M-2 150 6-12"	4475.18	Soil	11-May-99 11:40	05/11/99
M-2 150 24"	4475.19	Soil	11-May-99 11:40	05/11/99
M-2 151 6-12"	4475.20	Soil	11-May-99 11:58	05/11/99
M-2 151 24"	4475.21	Soil	11-May-99 11:58	05/11/99
M-2 152 6-12"	4475.22	Soil	11-May-99 13:15	05/11/99
M-2 152 24"	4475.23	Soil	11-May-99 13:15	05/11/99
M-2 153 6-12"	4475.24	Soil	11-May-99 13:40	05/11/99
M-2 153 24"	4475.25	Soil	11-May-99 13:40	05/11/99
M-2 154 6-12"	4475.26	Soil	11-May-99 14:00	05/11/99
M-2 154 24"	4475.27	Soil	11-May-99 14:00	05/11/99
M-2 155 6-12"	4475.28	Soil	11-May-99 14:18	05/11/99
M-2 155 24"	4475.29	Soil	11-May-99 14:18	05/11/99
M-2 156 6-12"	4475.30	Soil	11-May-99 14:40	05/11/99
M-2 156 24"	4475.31	Soil	11-May-99 14:40	05/11/99
M-2 157 6-12"	4475.32	Soil	11-May-99 15:00	05/11/99
M-2 157 24"	4475.33	Soil	11-May-99 15:00	05/11/99
Trip Blank	4485.01	Methanol	14-May-99	05/14/99
M-2 158 6-12"	4485.02	Soil	14-May-99 09:40	05/14/99
M-2 158 24"	4485.03	Soil	14-May-99 09:40	05/14/99
M-2 159 6-12"	4485.04	Soil	14-May-99 09:58	05/14/99
M-2 159 24"	4485.05	Soil	14-May-99 09:58	05/14/99
M-2 160 6-12"	4485.06	Soil	14-May-99 10:20	05/14/99
M-2 160 24"	4485.07	Soil	14-May-99 10:20	05/14/99
M-2 161 6-12"	4485.08	Soil	14-May-99 10:42	05/14/99
M-2 161 24"	4485.09	Soil	14-May-99 10:42	05/14/99
M-2 162 6-12"	4485.10	Soil	14-May-99 11:00	05/14/99
M-2 162 24"	4485.11	Soil	14-May-99 11:00	05/14/99
M-2 163 6-12"	4485.12	Soil	14-May-99 11:40	05/14/99
M-2 163 24"	4485.13	Soil	14-May-99 11:40	05/14/99
M-2 164 6-12"	4485.14	Soil	14-May-99 12:00	05/14/99
M-2 164 24"	4485.15	Soil	14-May-99 12:00	05/14/99
M-2 165 6-12"	4485.16	Soil	14-May-99 13:00	05/14/99
M-2 165 24"	4485.17	Soil	14-May-99 13:00	05/14/99
M-2 166 6-12"	4485.18	Soil	14-May-99 13:20	05/14/99
M-2 166 24"	4485.19	Soil	14-May-99 13:20	05/14/99
M-2 167 6-12"	4485.20	Soil	14-May-99 13:40	05/14/99
M-2 167 24"	4485.21	Soil	14-May-99 13:40	05/14/99
M-2 168 6-12"	4485.22	Soil	14-May-99 14:00	05/14/99
M-2 168 24"	4485.23	Soil	14-May-99 14:00	05/14/99
M-2 169 6-12"	4485.24	Soil	14-May-99 14:15	05/14/99
M-2 169 24"	4485.25	Soil	14-May-99 14:15	05/14/99
M-2 170 6-12"	4485.26	Soil	14-May-99 14:40	05/14/99
M-2 170 24"	4485.27	Soil	14-May-99 14:40	05/14/99
Field Dup. 6-12"	4485.28	Soil	14-May-99	05/14/99
Field Dup. 24"	4485.29	Soil	14-May-99	05/14/99
Trip Blank	4491.01	Methanol	17-May-99	05/17/99
M-2 171 6-12"	4491.02	Soil	17-May-99 10:00	05/17/99

SAMPLE LOCATION AND IDENTIFICATION

M-2 171 24"	4491.03	Soil	17-May-99 10:00	05/17/99
M-2 172 6-12"	4491.04	Soil	17-May-99 10:15	05/17/99
M-2 172 24"	4491.05	Soil	17-May-99 10:15	05/17/99
M-2 173 6-12"	4491.06	Soil	17-May-99 10:30	05/17/99
M-2 173 24"	4491.07	Soil	17-May-99 10:30	05/17/99
M-2 174 6-12"	4491.08	Soil	17-May-99 10:45	05/17/99
M-2 174 24"	4491.09	Soil	17-May-99 10:45	05/17/99
M-2 175 6-12"	4491.10	Soil	17-May-99 11:00	05/17/99
M-2 175 24"	4491.11	Soil	17-May-99 11:00	05/17/99
M-2 176 6-12"	4491.12	Soil	17-May-99 11:20	05/17/99
M-2 176 24"	4491.13	Soil	17-May-99 11:20	05/17/99
M-2 177 6-12"	4491.14	Soil	17-May-99 11:40	05/17/99
M-2 177 24"	4491.15	Soil	17-May-99 11:40	05/17/99
M-2 178 6-12"	4491.16	Soil	17-May-99 13:10	05/17/99
M-2 178 24"	4491.17	Soil	17-May-99 13:10	05/17/99
M-2 179 6-12"	4491.18	Soil	17-May-99 13:20	05/17/99
M-2 179 24"	4491.19	Soil	17-May-99 13:20	05/17/99
M-2 180 6-12"	4491.20	Soil	17-May-99 13:45	05/17/99
M-2 180 24"	4491.21	Soil	17-May-99 13:45	05/17/99
M-2 181 6-12"	4491.22	Soil	17-May-99 14:00	05/17/99
M-2 181 24"	4491.23	Soil	17-May-99 14:00	05/17/99
M-2 182 6-12"	4491.24	Soil	17-May-99 14:30	05/17/99
M-2 182 24"	4491.25	Soil	17-May-99 14:30	05/17/99
M-2 183 6-12"	4491.26	Soil	17-May-99 14:45	05/17/99
M-2 183 24"	4491.27	Soil	17-May-99 14:45	05/17/99
M-2 184 6-12"	4491.28	Soil	17-May-99 15:00	05/17/99
M-2 184 24"	4491.29	Soil	17-May-99 15:00	05/17/99
Trip Blank	4494.01	Methanol	18-May-99	05/18/99
M-2 185 6-12"	4494.02	Soil	18-May-99 09:20	05/18/99
M-2 185 24"	4494.03	Soil	18-May-99 09:20	05/18/99
M-2 186 6-12"	4494.04	Soil	18-May-99 09:40	05/18/99
M-2 186 24"	4494.05	Soil	18-May-99 09:40	05/18/99
M-2 187 6-12"	4494.06	Soil	18-May-99 09:54	05/18/99
M-2 187 24"	4494.07	Soil	18-May-99 09:54	05/18/99
M-2 188 6-12"	4494.08	Soil	18-May-99 10:05	05/18/99
M-2 188 24"	4494.09	Soil	18-May-99 10:05	05/18/99
M-2 189 6-12"	4494.10	Soil	18-May-99 10:30	05/18/99
M-2 189 24"	4494.11	Soil	18-May-99 10:30	05/18/99
M-2 190 6-12"	4494.12	Soil	18-May-99 10:49	05/18/99
M-2 190 24"	4494.13	Soil	18-May-99 10:49	05/18/99
M-2 191 6-12"	4494.14	Soil	18-May-99 11:00	05/18/99
M-2 191 24"	4494.15	Soil	18-May-99 11:00	05/18/99
M-2 192 6-12"	4494.16	Soil	18-May-99 11:25	05/18/99
M-2 192 24"	4494.17	Soil	18-May-99 11:25	05/18/99
M-2 193 6-12"	4494.18	Soil	18-May-99 11:40	05/18/99
M-2 193 24"	4494.19	Soil	18-May-99 11:40	05/18/99
M-2 194 6-12"	4494.20	Soil	18-May-99 11:55	05/18/99
M-2 194 24"	4494.21	Soil	18-May-99 11:55	05/18/99
M-2 100 6-12" *	4526.01	Soil	01-Jun-99 14:45	06/01/99
Trip Blank	4527.01	Methanol	01-Jun-99	06/01/99
M-2 195 6-12"	4527.02	Soil	01-Jun-99 10:40	06/01/99
M-2 195 24"	4527.03	Soil	01-Jun-99 10:40	06/01/99
M-2 196 6-12"	4527.04	Soil	01-Jun-99 10:55	06/01/99

SAMPLE LOCATION AND IDENTIFICATION

M-2 196 24"	4527.05	Soil	01-Jun-99 10:55	06/01/99
M-2 197 6-12"	4527.06	Soil	01-Jun-99 11:10	06/01/99
M-2 197 24"	4527.07	Soil	01-Jun-99 11:10	06/01/99
M-2 198 6-12"	4527.08	Soil	01-Jun-99 11:35	06/01/99
M-2 198 24"	4527.09	Soil	01-Jun-99 11:35	06/01/99
M-2 199 6-12"	4527.10	Soil	01-Jun-99 11:50	06/01/99
M-2 199 24"	4527.11	Soil	01-Jun-99 11:50	06/01/99
M-2 200 6-12"	4527.12	Soil	01-Jun-99 13:15	06/01/99
M-2 200 24"	4527.13	Soil	01-Jun-99 13:15	06/01/99
M-2 201 6-12"	4527.14	Soil	01-Jun-99 13:40	06/01/99
M-2 201 24"	4527.15	Soil	01-Jun-99 13:40	06/01/99
M-2 202 6-12"	4527.16	Soil	01-Jun-99 14:00	06/01/99
M-2 202 24"	4527.17	Soil	01-Jun-99 14:00	06/01/99
M-2 203 6-12"	4527.18	Soil	01-Jun-99 14:25	06/01/99
M-2 203 24"	4527.19	Soil	01-Jun-99 14:25	06/01/99
Trip Blank	4530.01	Methanol	02-Jun-99	06/02/99
M-2 204 6-12"	4530.02	Soil	02-Jun-99 09:15	06/02/99
M-2 204 24"	4530.03	Soil	02-Jun-99 09:15	06/02/99
M-2 205 6-12"	4530.04	Soil	02-Jun-99 09:35	06/02/99
M-2 205 24"	4530.05	Soil	02-Jun-99 09:35	06/02/99
M-2 206 6-12"	4530.06	Soil	02-Jun-99 10:20	06/02/99
M-2 206 24"	4530.07	Soil	02-Jun-99 10:20	06/02/99
M-2 207 6-12"	4530.08	Soil	02-Jun-99 10:40	06/02/99
M-2 207 24"	4530.09	Soil	02-Jun-99 10:40	06/02/99
M-2 208 6-12"	4530.10	Soil	02-Jun-99 11:00	06/02/99
M-2 208 24"	4530.11	Soil	02-Jun-99 11:00	06/02/99
M-2 209 6-12"	4530.12	Soil	02-Jun-99 11:20	06/02/99
M-2 209 24"	4530.13	Soil	02-Jun-99 11:20	06/02/99
M-2 210 6-12"	4530.14	Soil	02-Jun-99 11:40	06/02/99
M-2 210 24"	4530.15	Soil	02-Jun-99 11:40	06/02/99
M-2 211 6-12"	4530.16	Soil	02-Jun-99 11:54	06/02/99
M-2 211 24"	4530.17	Soil	02-Jun-99 11:54	06/02/99
Field Dup. 6-12"	4530.18	Soil	02-Jun-99	06/02/99
Field Dup. 24"	4530.19	Soil	02-Jun-99	06/02/99

* Resample of 4443.08 for Pest/PCB.

11-1-99

Daniel Wright/Date
Laboratory Director

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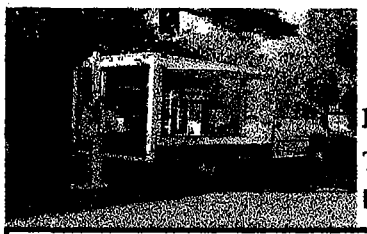
SAMPLING

CHAIN OF CUSTODY



Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:appleby@doim6.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

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

Project No: IJN 98-0211
Location: M-2 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
4286.1	TRIP BLANK	2-19-99	—	METH	1	X			X	V00779		4°C
2	M24 6-12"	"	0950	SOIL	2		X	X	X		9 PPM	"
3	" 24"	"	"	"	"	X			X	V00780	"	"
4	M25 6-12"	"	1015	"	"		X	X	X		"	"
5	" 24"	"	"	"	"	X			X	V00781	"	"
6	M26 6-12"	"	1115	"	"		X	X	X		"	"
7	" 24"	"	"	"	"	X			X	V00784	"	"

Comments:
Cal. #2 HNU #1 OVA
O.M. ML

Analysis Parameters: VOA+15; Metals; PESTBN; %SOLID; VOA ID NUMBER; OVA

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Matthew	2-19-99 1535	J. Vaughn			
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

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:appleby@doim6.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

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

Project No: IJN 98-0211
Location: M-2 Landfill

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

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals	PESTPCBN	%SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
4295. 1	TRIP BLANK	2-23-99	~	METH.	1	X			X	V00779		<4°C
2	M213 6-12"		0950	SOIL	2		X	X	X		@ PPM	"
3	" 24"		"	"	"	X			X	V00785	"	"
4	M214 6-12"		1050	"	"		X	X	X		"	"
5	" 24"		"	"	"	X			X	V00787	"	"
6	M215 6-12"		1115	"	"		X	X	X		"	"
7	" 24"		"	"	"	X			X	V00788	"	"

Comments:

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
[signature]	2-23-99 1540	[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
Turnaround time: (X)Standard 4 wks, ( )Rush ____ Days, ( )ASAP Verbal ____ Hrs.

Remarks:

000004

print legibly

Custodydera2/8/99

Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:appleby@doim6.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

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

Project No: IJN 98-0211
Location: M2 LANDFILL

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 BN	%SOLID	VOA ID NUMBER	OVA	Comments: Remarks / Preservation Method
4298-1	TRIP BLANK	2-24-99		METH	1	X			X	V00789	—	HAND AUGER <4°C
2	M219 6-12"	"	1020	SOIL	2		X	X	X		BPM	" "
3	" 24"	"	"	"	"	X			X	V00790	"	" "
4	M220 6-12"	"	1036	"	"		X	X	X		"	" "
5	" 24"	"	"	"	"	X			X	V00794	"	" "
6	M221 6-12"	"	1050	"	"		X	X	X		"	" "
7	24"	"	"	"	"	X			X	V00795	"	" "
8	M225 6-12"	"	1142	"	"		X	X	X		"	" "
9	" 24"	"	"	"	"	X			X	V00796	"	" "
10	M226 6-12"	"	1338	"	"		X	X	X		"	" "
11	" 24"	"	"	"	"	X			X	V00797	"	" "
12	M2-27 6-12"	"	1350	"	"		X	X	X		"	" "
13	" 24"	"	"	"	"	X			X	V00798	"	" "

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
[signature]	2-24-99 1600	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

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

Remarks:

000005

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Fort Monmouth Environmental Testing Laboratory

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NJDEP Certification #13461

Chain of Custody Record

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

Project No: IJN 98-0211
Location: M-2 LANDFILL MW 19 BENZENE/COVER INVESTIGATION

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

Comments: Cal # 2 HNU # 1 QIA O.K (M)

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	Analysis Parameters: VOA+15	Metals	PEST BN	PCB ABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
4327 1	TRIP BLANK	3-8-99	—	METH.	1	X					V00803		< 4°C
2	31 6-12"	"	1300	SOIL	2		X	X	X			0 PPM	
3	" 24"	"	"	"	"	X				X	V00804	"	
4	32 6-12"	"	1400	"	"		X	X	X			"	
5	" 24"	"	"	"	"	X				X	V00806	"	
6	33 6-12"	"	1500	"	"		X	X	X			"	
7	" 24"	"	"			X				X	V00808	"	

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[signature]	3-8-99 1540	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

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

Remarks:

900000

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Fort Monmouth Environmental Testing Laboratory

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NJDEP Certification #13461

Chain of Custody Record

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

Project No: IJN 98-0211
Location: MZ 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
4331	1	TRIP BLANK	3-9-99		METH.	1	X				V00818	—	<4°C
	2	34 6-12"		1110	Soil	2		X	X	X		0 PPM	
	3	" 24"		"			X			X	V00819	"	
	4	35 6-12"		1320				X	X	X		"	
	5	" 24"		"			X			X	V00821	"	
	6	36 6-12"		1439 ~~1325~~				X	X	X		"	
	7	" 24"		"			X			X	V00823	3 PPM	
	8	37 6-12"		1508				X	X	X			
	9	" 24"		"			X			X	V00825		
	10												
	11												
	12												
	13												

Comments:
Cal #2 HNU
0.1K (MD)

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
[signature]	3-9-99 1540	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

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

Remarks:

000007

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NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV | Project No: IJN 98-0211
Phone #: (732) 532-6223 | Location: M-2 Landfill
(X)DERA ( )OMA ( )Other:_____
Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments: Cal. #2 HNU o.k (MW)

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Meth AL s	PEST PCB AN	%SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
4335-1	TRIP BLANK	3-10-99	—	METH.	1	X				V00827		4°C
2	38 6-12"	"	1030	SOIL	2		X	X	X		0 PPM	
3	" 24"	"	"	"	"	X			X	V00831 MS *	"	
4	39 6-12"	"	1110	"	"		X	X	X		"	
5	" 24"	"	"	"	"	X			X	V00832	"	
6	40 6-12"	"	1255	"	"		X	X	X		"	
7	" 24"	"	"	"	"	X			X	V00834	1 PPM	
8	41 6-12"	"	1400	"	"		X	X	X		0 PPM	
9	" 24"	"	"	"	"	X			X	V00836	"	
10	42 6-12"	"	1500	"	"		X	X	X		"	
11	" 24"	"	"	"	"	X			X	V00838	"	

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Mark Laura	3-10-99 1530	J. Vaughan			
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: * SPIKED 828 METH.

000008

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NJDEP Certification #13461

Chain of Custody Record

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

Project No: IIN 98-0211
Location: M-2 LandFill

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

Comments: CA/#2 HNU O.K. (ML)

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals	PEST BN	FACB	%SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
4340.01	Trip Blank	3-11-99	—	Meth.	1	X					V00840		4°C
02	43 6-12"		1020	Soil	2		X	X	X				"
03	" 24"		"			X				X	V00841		"
04	44 6-12"		1125				X	X	X				"
05	" 24"		"			X				X	V00843		"

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	3-11-99 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:

600009

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Tel (732)532-4359 Fax (732)532-6263 EMail:appleby@doim6.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV | Project No: IJN 98-0211
Phone #: (732) 532-6223 | Location: M-2 Landfill
(X)DERA ( )OMA ( )Other:_____
Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments: Cal #2 Hole O.K. (ML)

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	Analysis Parameters: VOA+15	Metals	PEST PCB PAN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
4349 1	TRIP BLANK	3-16-99		METH.	1	X				V00845	—	c4°c
2	45 6-12"		1110	SOIL	2		X	X	X		0 PPM	"
3	" 24"		"	"		X			X	V00846	"	"
4	46 6-12"		1145				X	X	X		"	"
5	" 24"		"			X			X	V00848	"	"
6	47 6-12"		1320				X	X	X		"	"
7	" 24"		"			X			X	V00850	"	"
8	48 6-12"		1350				X	X	X		"	"
9	" 24"		"			X			X	V00852	"	"
10	49 6-12"						X	X	X		"	"
11	" 24"					X			X	V00854	"	"

(ML) 3/16

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

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Fort Monmouth Environmental Testing Laboratory

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NJDEP Certification #13461

Chain of Custody Record

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

Project No: IJN 98-0211
Location: M-2 LANDFILL

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

Analysis Parameters

Comments: Cal. #2 HNU oil (MW)

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA Vials	Metals	PEST PCB AN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
4356-1	TRIP BLANK	3-17-99	—	METH	1	X				V00854	—	4°C
2	49 6-12"		0939	SOIL	2		X	X	X		0 PPM	"
3	" 24"		"			X			X	V00855	"	"
4	50 6-12"		1025				X	X	X		"	"
5	" 24"		"			X			X	V00857	"	"
6	51 6-12"		1115				X	X	X		1 PPM	"
7	" 24"		"			X			X	V00859	0 PPM	"
8	52 6-12"		1140				X	X	X		"	"
9	" 24"		"			X			X	V00861	"	"
10	53 6-12"		1338				X	X	X		"	"
11	" 24"		"			X			X	V00865	"	"
12	54 6-12"		1415				X	X	X		"	"
13	" 24"		"			X			X	V00867	7 PPM	"
14	55 6-12"		1505				X	X	X		"	"

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Mark Laura	3-17-99 15:55				

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

Remarks:

000011

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Custodydera3/8/99

Fort Monmouth Environmental Testing Laboratory

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Tel (732)532-4359 Fax (732)532-6263 EMail:appleby@doim6.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

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

Project No: IJN 98-0211
Location: MC-2 LANDFILL

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 AN	% SOLID	VOA ID NUMBER	OVA	Comments: Remarks / Preservation Method
4356 15	55 24"	3-17-99	1505	soil	2	X			X	V00869	ppm	<4°c
16	Field 6-12" Dup.	"	—	"	"		X	X	X		"	↓
↓ 17	" 12-24"	"	—	"	"	X			X	V00863	"	

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Matt Laura	3-17-99 1555				
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:

000012

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Fort Monmouth Environmental Testing Laboratory

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Tel (732)532-4359 Fax (732)532-6263 EMail:appleby@doim6.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

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

Project No: IJN 98-0211
Location: M-2 LANDFILL

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

Comments: Cal. M-2 Hole O.K (M)

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+IS	Metals	PEST BN	FACB	%SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
4359. 1	TRIP BLANK	3-18-99	—	METH.	1	X					V00871	—	CAL
2	56 6-12"	"	1040	SOIL	2		X	X		X		0 PPM	"
3	" 24"	"	"	"	"	X				X	V00872	"	"
4	57 6-12"	"	1130	"	"		X	X		X		"	"
5	" 24"	"	"	"	"	X				X	V00874	"	"
6	58 6-12"	"	1420	"	"		X	X		X		"	"
7	" 24"	"	"	"	"	X				X	V00962	"	"
8	59 6-12"	"	1510	"	"		X	X		X		"	"
9	" 24"	"	"	"	"	X				X	V00994 9/04	"	"

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Matthew	3-18-99 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:

000013

Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:appleby@doim6.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

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

Project No: IFN 98-0211
Location: M.Z LANDFILL

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

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals	PESTCBN	%SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
4360. 1	TRIP BLANK	3-23-99	—	AQ.	2	X			X	V00966		HCL
2	59A 6-12"		0945	SOIL	1		X	X	X		0 PPM	<4°C
3	" 24"		"	"	4	X			X	V00967	"	
4	60 6-12"		1030	"	1		X	X	X		5 PPM	
5	" 24"		"	"	"	X			X	V00969	0 PPM	
6	61 6-12"		1115	"	1		X	X	X		"	
7	" 24"		"	"	"	X			X	V00971	4 PPM	
8	62 6-12"		1146	"	"		X	X	X		0 PPM	
9	" 24"		"	"	"	X			X	V00973	"	
10	63 6-12"		1330	"	"		X	X	X		3 PPM	
11	" 24"		"	"	"	X			X	V00975	0 PPM	
12	64 6-12"		1420	"	"		X	X	X		"	
13	" 24"		"	"	"	X			X	V00977		
14	65 6-12"		1500				X	X	X			

Comments:
Cal. #2
HNU O.K. (MC)

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Maura	3-23-99 1525				
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:

000014

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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-Z LANDFILL

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 PAH	% SOLID	VOA ID NUMBER	OVA	Comments: / Remarks / Preservation Method
4367.15	65 24"	3-23-99	11	soil	2	X			X	V00979		see pg. 1 4°C

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Mark Laura	3-23-99 1525				
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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Custodydera1/28/99

Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:appleby@doim6.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

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

Project No: IJN 98-0211
Location: M-2 LANDFILL

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

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals	PESTPCB	%SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
4380. 1	TRIP BLANK	3-30-99		METH.	1	X				V0034		4°C
2	65 6-12"	"	0940	SOIL	2		X	X	X		0 PPM	"
3	" 24"	"	"	"	"	X			X	V0035	7 PPM	"
4	66 6-12"	"	1055	"	"		X	X	X		0 PPM	"
5	" 24"	"	"	"	"	X			X	V0037	5 PPM	"
6	68 6-12"	"	1145	"	"		X	X	X		0 PPM	"
7	" 24"	"	"	"	"	X			X	V0039	"	"
8	69 6-12"	"	1330	"	"		X	X	X		"	"
9	" 24"	"	"	"	"	X			X	V0041	3 PPM	"
10	70 6-12"		1500	"	"		X	X	X			
11	" 24"		"	"	"	X			X	V0043		

Comments:
OVA # 2 ONLY
(W) O.K.

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
[signature]	3-30-99 1530	[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
Turnaround time: (X)Standard 4 wks, (_)Rush ___ Days, (_)ASAP Verbal ___ Hrs.

Remarks:

000016

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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-2 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	OVA	Remarks / Preservation Method
4395. 1	TRIP BLANK	4-6-99	—	METH.	1	X				V0062		<4°C
2	71 6-12"		1100	SOIL	2		X	X	X		0 PPM	
3	" 24"		"	"	"	X			X	V0063	5 PPM	OVA
4	72 6-12"		1328	"	"		X	X	X		0 PPM	HNU
5	" 24"		"	"	"	X			X	V0065	"	HNU
6	73 6-12"		1420	"	"		X	X	X		0 PPM	HNU
7	" 24"		"	"	"	X			X	V0067	0 PPM	HNU
8												
9												
10												

Comments:
#2 OVA
#2 HNU
O.C. (MW)

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[signature]	4-6-99 1500	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

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

Remarks:

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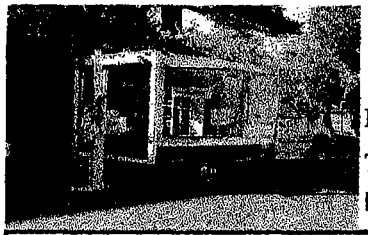

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NJDEP Certification #13461

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-2 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
4406 1	TRIP BLANK	4-9-99	—	METH.	1	X				V0069		4406
2	74 6-12"		0920	SOIL	2		X	X	X		0 PPM	
3	" 24"		"	"	"	X			X	V0070	"	
4	75 6-12"		1040	"	"		X	X	X		"	
5	" 24"		"	"	"	X			X	V0072	"	
6	76 6-12"		1400	"	"		X	X	X		"	
7	" 24"		"	"	"	X			X	V0074	"	
8	FIELD DUP. 6-12"		—	"	"		X	X	X		"	
9	" 24"		—	"	"	X			X	V00158	"	

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
[signature]	4-9-99 1430	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

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

Remarks:

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Chain of Custody Record

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

Project No: IJN 98-0211
Location: M-2 Landfill

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 PAH	%SOLID	VOA ID NUMBER	OVA	Comments: Remarks / Preservation Method
4/4/5. 1	TRIP BLANK	4-13-99		WATER	1	X				V0076		
2	77 6-12"	"	1015	SOIL	2	X	X	X	X		0 PPM	
3	" 24"	"	"	"	"	X			X	V0077	"	
4	78 6-12"	"	1120	"	"		X	X	X		"	
5	" 24"	"	"	"	"	X			X	V0079	"	
6	79 6-12"	"	1400	"	"		X	X	X		"	
7	" 24"	"	"	"	"	X			X	V00154	"	
8	80 6-12"	"	1500	"	"		X	X	X		"	
9	" 24"	"	"	"	"	X			X	V00156	"	

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
	4-13-99 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: IJN 98-0211
Location: M-2 Landfill

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 PAB N	% SOLID	VOA ID NUMBER	OVA	Comments: Remarks / Preservation Method
4418. 01	Trip Blank	4-14-99		Meth.	1	X				(V00081)	0 ppm	HNO3 <4°C
02	81 6-12"		1030	Soil	2		X	X	X		"	0 ppm
03	" 24"		↓			X			X	V00178	"	"
04	82 6-12"		1130				X	X	X		"	"
05	" 24"		↓			X			X	V00180	"	"
06	83 6-12"		1300				X	X	X		"	"
07	" 24"		↓			X			X	V00182	"	"
08	84 6-12"		1345				X	X	X		"	8 ppm
09	" 24"		"			X			X	V00184	"	0 ppm
10	85 6-12"		1425				X	X	X		503	0 ppm
11	" 24"		"			X			X	V00186	0 ppm	1 ppm
12	86 6-12"		1500				X	X	X			
13	" 24"	↓	"	↓	↓	X			X	V00188		↓

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Mark Laura	4-14-99 1545	J. Klufield			
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:

000020

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NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV | Project No: IJN 98-0211
Phone #: (732) 532-6223 | Location: M-2 LANDFILL
(X)DERA ( )OMA ( )Other:_____
Samplers Name / Company : MARK LAURA / TVS PWS-007

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals	PEST PCB ABN	%SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
4423.01	TRIP BLANK	4-16-99		METH.	1	X				V00190		HNU
2	87 6-12"		1000	SOIL	2		X	X	X		0 PPM	0 PPM
3	" 24"		"			X			X	V00191	"	"
4	88 6-12"		1100				X	X	X		"	"
5	" 24"		"			X			X	V00193	"	"
6	89 6-12"		1140				X	X	X		"	"
7	" 24"		"			X			X	V00195	"	"
8	90 6-12"		1355				X	X	X		"	"
9	" 24"		"			X			X	V00197	"	"
10	91 6-12"		1440				X	X	X		"	"
11	" 24"		"			X			X	V00199	"	"

Comments:

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Mark Laura	4-16-99 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: RAIN

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Fort Monmouth Environmental Testing Laboratory

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Tel (732)532-4359 Fax (732)532-6263 EMail:appleby@doim6.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

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

Project No: IJN 98-0211
Location: M-2 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
4434. 1	TRIP BLANK	4-21-99	—	METH.	1	X				V00201		4°C
2	92 6-12"	"	1025	SOIL	2		X	X	X			"
3	" 24"	"	"	"	"	X			X	V00202		"
4	93 6-12"	"	1130	"	"		X	X	X			"
5	" 24"	"	"	"	"	X			X	V00204		"
6	94 6-12"	"	1340	"	"		X	X	X			"
7	" 24"	"	"	"	"	X			X	V00206		"
8	95 6-12"		1430	"	"		X	X	X			"
9	" 24"		"	"	"	X			X	V00208		"
10	96 6-12"		1520	"	"		X	X	X			"
11	" 24"		"	"	"	X			X	V00210		"

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Matthew	4/21/99 1530	J. Vleyland			
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)532-6263 EMail:appleby@doim6.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

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

Project No: IJN 98-0211
Location: M-2 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
4443 · 1	TRIP BLANK	4-26-99		METH.	1	X				V00215		<4oC
2	97 6-12"	"	1000	SOIL	2		X	X	X		0 PPM	
3	" 24"	"	"	"	"	X			X	V00216	"	
4	98 6-12"	"	1045	"	"		X	X	X		"	
5	" 24"	"	"	"	"	X			X	V00218	"	
6	99 6-12"	"	1136	"	"		X	X	X		"	
7	" 24"	"	"	"	"	X			X	V00220	"	
8	100 6-12"	"	1400	"	"		X	X	X		"	
9	" 24"	"	"	"	"	X			X	V00222	"	
10	101 6-12"	"	1500	"	"		X	X	X		"	
* 11	" 32" 24" (MW-101)	"	"	"	"	X			X	V00224	"	

Comments: HNU ONLY

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Mark Laura	4-27-99 0730				
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: * LEAF DEBRIS @ 24"

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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 | Project No: IJN 98-0211
Phone #: (732) 532-6223 | Location: M-Z LANDFILL
(X)DERA ( )OMA ( )Other:_____

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

Analysis Parameters

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals	PEST PCB AN	%SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
4446. 1	TRIP BLANK	4.27.99		METH.	1	X				V00229		<4°C
2	102 6-12"		0950	SOIL	2		X	X	X		0 PPM	"
* 3	" 30" 24"		"			X			X	V00230	"	"
/ 4	103 6-12"		1040				X	X	X		"	"
** 5	" 30"		"			X			X	V00232	"	"
6	104 6-12"		1140				X	X	X		"	"
7	" 24"		"			X			X	V00234	"	"
8	105 6-12"		1330				X	X	X		"	
9	" 24"		"			X			X	V00236	"	
10	106 6-12"		1430				X	X	X		"	
11	" 24"		"			X			X	V00238	"	
12	107 6-12"		1515				X	X	X		"	
13	" 24"		"			X			X	V00240	"	
14	FIELD DUP 6-12"		—				X	X	X		"	

Comments: HNK ONLY

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[signature]	4-27-99 1535	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

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

Remarks: * ASPHALT MATL. @ 24"
* LEAF MATL @ 24"

000024

Fort Monmouth Environmental Testing Laboratory

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NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV	Project No: IJN 98-0211	Analysis Parameters	Comments:
Phone #: (732) 532-6223	Location: M-2 LANDFILL		see pg. 1
(X)DERA ( )OMA ( )Other:_____			

Samplers Name / Company : MARK LAURA / TVS PWS-007				Sample	#	VOA+15	Metals	PESTCBN	%SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
Lab Sample I.D.	Sample Location	Date	Time	Type	bottles							
4446. 15	Field Dup. 24"	4-27-99	—	soil	2	X			X	V00248		<4°c

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[signature]	4-27-99 1535	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

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

Turnaround time: (X)Standard 4 wks, ( )Rush ____ Days, ( )ASAP Verbal ____ Hrs.

Remarks: see pg. 1

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NJDEP Certification #13461

Chain of Custody Record

Customer: JOSEPH FALLON SELFM-EV
Phone #: (732) 532-6225
( )DERA ( )OMA ( )Other:_____
Project No: IJN 980211
Location: M-2 LANDFILL
Samplers Name / Company: MARK LAURA T.V.S. PWS07

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	METALS TAL	PEST PCB BNA	% SOLID			OVA	HNU	Remarks / Preservation Method
4462. 1	TRIP BLANK	5-4-99	-	METH.	1	X								VOO274
2	108 - 6-12"	"	1015	SOIL	2		X	X	X					
3	" 24"	"	"	"	1	X			X					VOO275
4	109 6-12"	"	1100	"	1		X	X	X					
* 5	" 26"	"	"	"	1	X			X					VOO277
6	110 6-12"	"	1145	"	1		X	X	X					
7	" 24"	"	"	"	1	X			X					VOO279
8	111 6-12"	"	1310	"	1		X	X	X					
9	" 24"	"	"	"	1	X			X					VOO281
10	112 6-12"	"	1400	"	1		X	X	X					
11	" 24"	"	"	"	1	X			X					VOO283

Comments: Cal. #2 HNU OK Cal #1 OVA OK -RAIN-

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
	5-4-99 1440				
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

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

Remarks: * ORG. MATL. @ 24"

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coc4/14/99

Fort Monmouth Environmental Testing Laboratory

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Tel (732)532-4359 Fax (732)532-6263 EMail:appleby@doim6.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV | Project No: IJN 98-0211
Phone #: (732) 532-6223 | Location: M-2 LANDFILL
(X)DERA ( )OMA ( )Other:_____

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

Comments: HNU ONLY

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals	PEST PCB ABN	%SOLID	VOA ID NUMBER	HNU @ (ppm)	Remarks / Preservation Method
44606. 1	TRIP BLANK	5-6-99	—	METH.	1	X				V00285	—	<4°C
2	113 6-12"		0945	SOIL	2		X	X	X		0 PPM	"
3	" 24"		"	"	"	X			X	V00286	"	"
4	114 6-12"		1030	"	"		X	X	X			"
5	" 24"		"	"	"	X			X	V00289		"
/ 6	115 6-12"		1125	"	"		X	X	X			"
7	" 24"		"	"	"	X			X	V00290		"
8	116 6-12"		1415	"	"		X	X	X			"
9	" 24"		"	"	"	X			X	V00292		"
10	117 6-12"		1500	"	"		X	X	X			"
11	" 24"		"	"	"	X			X	V00294		"
12	118 6-12"		1530	"	"		X	X	X			"
13	" 24"		"	"	"	X			X	V00296		"
14	FIELD DUP. 6-12"	—	—	"	"		X	X	X			"

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Mark Laura	5-6-99 1545	J. Laura			
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)532-6263 EMail:appleby@doim6.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

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

Project No: IJN 98-0211
Location: M-2 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 PAB N	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
4466.15	FIELD DUP. 24	5-6-99	—	SOIL	2	X			X	V00304		

Analysis Parameters

Comments: see pg. 1

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Mark Laura	5-6-99 1545	J. Vaughan			
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: IJN 98-0211
Phone #: (732) 532-6223 | Location: M-2 LANDFILL
(X)DERA ( )OMA ( )Other:_____
Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments: Cal. #2 HNU (MW)

Lab Sample I.D.		Sample Location	Date	Time	Sample Type	# bottles	Analysis Parameters: VOA+15	Metals	PEST PCB PAB N	% SOLID	VOA ID NUMBER	HNU PPM (MW)	Remarks / Preservation Method
44168.	1	TRIP BLANK	5-7-99	—	METH.	1	X				V00298	—	4°C
*	2	119 6-12"		0920	SOIL	2		X	X	X		0 PPM	
	3	" 24"		"			X			X	V00299	"	
*	4	120 6-12"		0948				X	X	X		1.0 PPM	
	5	" 24"		"			X			X	V00300	0 PPM	
*	6	121 6-12"		1010				X	X	X		"	
	7	" 24"		"			X			X	V00301	"	
*	8	122 6-12"		1025				X	X	X		"	
	9	" 24"		"			X			X	V00302	"	
*	10	123 6-12"		1045				X	X	X		"	
	11	" 24"		"			X			X	V00303	"	
*	12	124 6-12"		1100				X	X	X			
	13	" 24"		"			X			X	V00322		
*	14	125 6-12"		1117				X	X	X			

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Mark Laura	5-7-99 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: * HAND AUGER LOCATIONS

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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-2 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 PAB N	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
* 4408. 15	125 24"	5-7-99	1117	soil	2	X			X	V00323	0 ppm	<4°c
* 16	126 6-12"		1135				X	X	X			
17	" 24"		"			X			X	V00324		
* 18	127 6-12"		1150				X	X	X			
19	" 24"		"			X			X	V00325		

Comments: see pg. 1

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Mark Laura	5-7-99 1300	J. Verfurth			
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: * HAND AUGER LOCATIONS

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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-2 LANDFILL LANDFILL COVER

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

Lab Sample I.D.		Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals	PESTPCB	%SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
4472	1	TRIP BLANK	5-10-99		METH.	1	X				V00313	—	HNU 4°C
	2	128 6-12"		0915	SOIL	2		X	X	X		0 PPM	0 PPM
	3	" 24"		"			X			X	V00314	"	"
	4	129 6-12"		0930				X	X	X		"	"
	5	" 24"		"			X			X	V00315	"	"
	6	130 6-12"		0945				X	X	X		2.0 PPM	"
	7	" 24"		"			X			X	V00316	1.0 PPM	"
	8	131 6-12"		1000				X	X	X		0 PPM	"
	9	" 24"		"			X			X	V00317	1.0 PPM	"
	10	132 6-12"		1030				X	X	X		0 PPM	"
	11	" 24"		"			X			X	V00326	"	"
	12	133 6-12"		1105				X	X	X			
	13	" 24"		"			X			X	V00327		
	14	134 6-12"		1120				X	X	X			

Comments:
Cal. OVA #2
" HNU #2
O.K. (MW)

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Mark Laura	5-10-99 1520				
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: LOCATIONS HAND AUGERED

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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-2 LANDFILL
LANDFILL COVER

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

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals	PESTBN	PCBs	%SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
15	134 24"	5-10-99	1120	soil	2	X				X	V00328	0 PPM	BKGD 0.0 PPM 4°C
16	135 6-12"		1135				X	X		X		"	"
17	" 24"		"			X				X	V00329	"	"
18	136 6-12"		1200				X	X		X		"	"
19	" 24"		"			X				X	V00330	1.0 PPM	.08 PPM
20	137 6-12"		1315				X	X		X		0 PPM	0 PPM
21	" 24"		"			X				X	V00331	"	"
22	138 6-12"		1333				X	X		X		"	"
23	" 24"		"			X				X	V00332	0 PPM	.02 PPM
24	139 6-12"		1400				X	X		X		"	0 PPM
25	" 24"		"			X				X	V00333	"	"
26	140 6-12"		1423				X	X		X		"	"
27	" 24"		"			X				X	V00334	"	"
28	141 6-12"		1500				X	X		X		1.0 PPM	0 PPM

Comments: see pg. 1

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Mark Laura	5-10-99 1520	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: see pg. 1

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NJDEP Certification #13461

Chain of Custody Record

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

Project No: IJN 98-0211
Location: M-2 LANDFILL
LANDFILL COVER

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

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals	PEST PCB PAH	%SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
4472-29	141 24"	5-10-99	1500	soil	2	X			X	V00335	2.0 PPM	HNU 0 PPM
30	142 6-12"		1515				X	X	X			
31	" 24		"			X			X	V00340		
32	FIELD DUP 6-12"		—				X	X	X			
33	" " 24"		—			X			X	V00345		

Comments: see pg 1

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[signature]	5-10-99 1520	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

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

Remarks: see pg. 1

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NJDEP Certification #13461

Chain of Custody Record

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

Project No: IJN 98-0211
Location: M-2 Landfill Landfill Cover

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
4475. 1	Trip Blank	5-11-99	—	meth-	1	X				V00337	—	HNU 4°c
* 2	142A 6-12"		0915	soil	2		X	X	X		0 ppm	0 ppm
3	" 24"		"			X			X	V00338	"	"
* 4	143 6-12"		0930				X	X	X		"	"
5	" 24"		"			X			X	V00339	"	"
* 6	144 6-12"		0945				X	X	X		"	"
7	" 24"		"			X			X	V00340	2.0 ppm	"
* 8	145 6-12"		0958				X	X	X		0 ppm	"
9	" 24"		"			X			X	V00341	"	"
* 10	146 6-12"		1015				X	X	X		"	"
11	" 24"		"			X			X	V00342	1.0 ppm	"
* 12	147 6-12"		1030				X	X	X		0 ppm	"
13	" 24"		"			X			X	V00343	"	"
* 14	148 6-12"		1050				X	X	X		"	"

Comments: Cal. #2 OVA Cal. #2 HNU O.K. (MW)

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Mark Laura	5-11-99 1520	J. Vilegura			
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: * USED HAND AUGER @ THESE LOCATIONS

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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-Z Landfill Landfill Cover

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
4475 . 15	148 24"	5-11-99	1050	soil	2	X			X	V00344	1.8 PPM	0 PPM <40c
* 16	149 6-12"		1105				X	X	X		0 PPM	"
17	" 24"		"			X			X	V00378	"	"
* 18	150 6-12"		1140				X	X	X		"	"
19	" 24"		" 1158			X			X	V00379	1.0 PPM	"
20	151 6-12"		1250 (MS)				X	X	X		0 PPM	"
21	" 24"		1158			X			X	V00380	"	"
22	152 6-12"		1315				X	X	X		"	"
23	" 24"		"			X			X	V00381	"	"
24	153 6-12"		1340				X	X	X		"	"
25	" 24"		"			X			X	V00382	"	"
26	154 6-12"		1400				X	X	X		"	"
27	" 24"		"			X			X	V00383	"	"
28	155 6-12"		1418				X	X	X		"	"

Comments: see pg. 1

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Mark Laura	5-11-99 1520				
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

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

Remarks: * see pg. 1

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NJDEP Certification #13461

Chain of Custody Record

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

Project No: IJN 98-0211
Location: M-2 LANDFILL
LANDFILL Cover

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	Remarks / Preservation Method
4475. 29	155 24"	5-11-99	1418	soil	2	X			X	V00384	0 PPM	HNU 0 PPM <4°C
30	156 6-12"		1440				X	X	X		11	11
31	11 24"		11			X			X	V00385	11	11
* 32	157 6-12"		1500				X	X	X		11	11
33	11 24"		11			X			X	V00386	11	11

Comments: see pg. 1

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[signature]	5-11-99 1520	[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
Turnaround time: (X)Standard 4 wks, ( )Rush ____ Days, ( )ASAP Verbal ____ Hrs.

Remarks:

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NJDEP Certification #13461

Chain of Custody Record

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

Project No: IJN 98-0211
Location: #1-2 Landfill
Landfill Cover

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

Comments: Ad #2 HNU

Lab Sample I.D.		Sample Location		Date	Time	Sample Type	# bottles	VOA+15	Metals	PEST PCB	AB SOLID	VOA ID NUMBER	HNU (PPM)	Remarks / Preservation Method
4485.	1	TRIP BLANK		5-14-99	–	METH.	1	X				V00418	–	4°C
*	2	158	6-12"		0940	SOIL	2		X	X	X		0 PPM	
	3	"	24"		"			X			X	V00419	"	
*	4	159	6-12"		0958				X	X	X		"	
	5	"	24"		"			X			X	V00420	"	
	6	160	6-12"		1020				X	X	X		"	
	7	"	24"		"			X			X	V00421	"	
	8	161	6-12"		1042				X	X	X		"	
	9	"	24"		"			X			X	V00422	1.0 PPM	
	10	162	6-12"		1100				X	X	X		0 PPM	
	11	"	24"		"			X			X	V00423	"	
	12	163	6-12"		1140				X	X	X		"	
	13	"	24"		"			X			X	V00424	"	
*	14	164	6-12"		1200				X	X	X		"	

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Mark Laura	5-14-99 1455				
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: * HAND AUGERED LOCATIONS

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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-Z Landfill Landfill Cover

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

Comments: see pg. 1

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals	PEST PCB	%SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
* 4485.15	164 24"	5-14-99	1200	soil	2	X			X	V00425	0 PPM	<4°C
* 16	165 6-12"		1300				X	X	X		"	
17	" 24"		"			X			X	V00426	"	
/ 18	166 6-12"		1320				X	X	X		"	
19	" 24"		"			X			X	V00427	"	
20	167 6-12"		1340				X	X	X		"	
21	" 24"		"			X			X	V00428	20 PPM	
22	168 6-12"		1400				X	X	X		0 PPM	
23	" 24"		"			X			X	V00429	"	
24	169 6-12"		1415				X	X	X		"	
25	" 24"		"			X			X	V00430	"	
26	170 6-12"		1440				X	X	X		"	
27	" 24"		"			X			X	V00431	"	
28	Field Dup. 6-12"		—				X	X	X			

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Mark Laura	5-14-99 1455				
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: * HAND AUGERED LOCATIONS

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Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:appleby@doim6.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

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

Project No: IJN 98-0211
Location: M-2 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 PAB N	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
4485.29	FIELD DUP. 24"	5-14-99	—	SOIL	2	X			X	V00430	PPM	4°C

Comments: see pg. 1

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Mark Laura	5-14-99 1455	J. Delgado			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

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

Remarks:

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Chain of Custody Record

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

Project No: IJN 98-0211
Location: M-2 LANDFILL
LANDFILL Cover

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

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals	PEST PCB ABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
4491. 1	TRIP BLANK	5-17-99	—	METH.	1	X				V00433	—	HNU <4°c
2	171 6-12"		1000	SOIL	2		X	X	X		0 PPM	0 PPM
3	" 24"		"			X			X	V00434	"	"
4	172 6-12"		1015				X	X	X		"	"
5	" 24"		"			X			X	V00435	"	"
6	173 6-12"		1030				X	X	X		"	"
7	" 24"		"			X			X	V00436	"	"
8	174 6-12"		1045				X	X	X		"	"
9	" 24"		"			X			X	V00437	"	"
10	175 6-12"		1100				X	X	X		"	"
11	" 24"		"			X			X	V00438	"	"
12	176 6-12"		1120				X	X	X		"	"
13	" 24"		"			X			X	V00439	"	"
14	177 6-12"		1140				X	X	X		"	"

Comments:
Cal. #2 OVA
HNU
O.K. MW

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Mark Laura	5-17-99 15:10				
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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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: A-2 LANDFILL LANDFILL COVER

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

Analysis Parameters

Comments: see pg. 1

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals	PEST PCB	%SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
4491 15	177 24"	5-17-99	1140	soil	2	X			X	V00440	ppm	HNU 0-ppm 40z
16	178 6-12"		1310				X	X	X		"	"
17	" 24"		"			X			X	V00441	"	"
18	179 6-12"		1320				X	X	X		"	"
19	" 24"		"			X			X	V00442	"	"
20	180 6-12"		1345				X	X	X		"	"
21	" 24"		"			X			X	V00443	"	"
22	181 6-12"		1400				X	X	X		"	"
23	" 24"		"			X			X	V00444	"	"
24	182 6-12"		1430				X	X	X		"	"
25	" 24"		"			X			X	V00445	"	"
26	183 6-12"		1445				X	X	X		"	"
27	" 24"		"			X			X	V00446	"	"
28	184 6-12"		1500				X	X	X		"	"

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Mark Laura	5-17-99 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.

Remarks: see pg. 1

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NJDEP Certification #13461

Chain of Custody Record

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

Project No: IJN 98-0211
Location: M-2 LANDFILL
LANDFILL COVER

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	OVA	Remarks / Preservation Method
29	184 24"	5-17-99	1500	soil	2	X				X	V00447	0 PPM	HNO3 0 PPM <4°C

Comments: see pg. 1

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Matthew Laura	5-17-99 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.

Remarks: see pg. 1

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NJDEP Certification #13461

Chain of Custody Record

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

Project No: IJN 98-0211
Location: M-2 LANDFILL LANDFILL Cover

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

Comments: Cal #2 HNU OVA O.K. (MN)

Lab Sample I.D.		Sample Location	Date	Time	Sample Type	# bottles	Analysis Parameters: VOA+15	Metals	PEST PCB PAB N	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
4494	1	TRIP BLANK	5-18-99	—	WATER	1	X			X	V00448	—	HNU — 4°C
	2	185 6-12"		0920	SOIL	2		X	X	X		0 PPM	0 PPM
	3	" 24"		"			X			X	V00449	"	"
	4	186 6-12"		0940				X	X	X		"	"
	5	" 24"		"			X			X	V00450	"	"
	6	187 6-12"		0954				X	X	X		"	"
	7	" 24"		"			X			X	V00451	"	"
	8	188 6-12"		1005				X	X	X		"	"
	9	" 24"		"			X			X	V00452	"	"
	10	189 6-12"		1030				X	X	X		"	"
	11	" 24"		"			X			X	V00453	"	"
	12	190 6-12"		1049				X	X	X		"	"
	13	" 24"		"			X			X	V00454	"	"
	14	191 6-12"		1100				X	X	X		"	"

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Mark Laura	5-18-99 1300	J. Wellington			
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: MISTY RAIN- HUMID: ALL LOCATIONS HAND AUGERED

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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-2 LANDFILL
LANDFILL Cover

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

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals	PEST PCB ABN	%SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
4494.15	191 24"	5-18-99	1100	soil	2	X			X	V00455	0 ppm	HNU 0 ppm <40c
16	192 6-12"		1125				X	X	X		"	"
17	" 24"		"			X			X	V00456	"	"
18	193 6-12"		1140				X	X	X		"	"
19	" 24'		"			X			X	V00457	"	"
20	194 6-12"		1155				X	X	X			
21	" 24"		"			X			X	V00458		

Comments: see pg. 1

Analysis Parameters

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Mark Laura	5-18-99 1300	J. Applebee			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

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

Remarks: see pg. 1

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NJDEP Certification #13461

Chain of Custody Record

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

Project No: IJN 98-0211
Location: M-Z LANDFILL
RE-SAMPLE

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	% SOLID	VOA ID NUMBER	OVA	Comments: Remarks / Preservation Method
4526.01	100 - 6-12"	6-1-99	1445	SOIL	1			X		N/A	0 PPM	4°C

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Matt Laura	6-1-99				
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: SHARED TRIP BLANK W/ SAME DAY COVER INVEST. SAMPLES 195 - 203

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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: M-2 LANDFILL COVER INVEST.

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

Comments: Col. #2 HNU O.K. (one) Col #2 OVA O.K. (no)

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals	PEST PCB	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
4527 1	TRIP BLANK	6-1-99		METH	1	X				V00514		HNU <4°C
* 2	195 6-12"		1040	SOIL	2		X	X	X		0 PPM	0 PPM
3	" 24"		"			X			X	V00515	"	"
4	196 6-12"		1055				X	X	X		"	"
5	" 24"		"			X			X	V00516	"	"
6	197 6-12"		1110				X	X	X		"	"
7	" 24"		"			X			X	V00517	"	"
8	198 6-12"		1135				X	X	X		"	"
9	" 24"		"			X			X	V00518	"	"
10	199 6-12"		1150				X	X	X		"	"
11	" 24"		"			X			X	V00519	"	"
12	200 6-12"		1315				X	X	X		"	"
13	" 24"		"			X			X		"	"
14	201 6-12"		1340				X	X	X		"	"

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Mark Laura	6-1-99 1450				
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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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-2 LANDFILL Cover INVEST.

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

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals	PEST PCB PAH	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
*4527 15	201 24"	6-1-99	1340	soil	2	X			X	V00521	0 PPM	HNU 0 PPM <4°C
16	202 6-12"		1400				X	X	X		"	"
17	" 24"		"			X			X	V00522	"	"
18	203 6-12"		1425				X	X	X		"	"
19	" 24"		"			X			X	V00523	"	"

Analysis Parameters

Comments: see pg 1

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
[signature]	6-1-99 1450	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

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

Remarks: * see pg. 1

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NJDEP Certification #13461

Chain of Custody Record

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

Project No: IJN 98-0211
Location: M-2 Landfill Cover Invest.

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

Comments: Col. #2 HNU Col. #2 OVA O.K. (ML)

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals	PESTS PCB'S	%SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
* 4530 1	TRIP BLANK	6-2-99	—	Meth.	1	X				V00524	—	HNU cool to 4°C
2	204 6-12"		0915	SOIL	2		X	X	X		0 PPM	0 PPM
3	" 24"		"			X			X	V00525	"	"
4	205 6-12"		0935				X	X	X		"	"
5	" 24"		"			X			X	V00526	"	"
6	206 6-12"		1020				X	X	X		"	"
7	" 24"		"			X			X	V00527	"	"
8	207 6-12"		1040				X	X	X		"	"
9	" 24"		"			X			X	V00528	"	"
10	208 6-12"		1100				X	X	X		"	"
11	" 24"		"			X			X	V00529	"	"
12	209 6-12"		1120				X	X	X		"	"
13	" 24"		"			X			X	V00530	"	"
14	210 6-12"		1140				X	X	X		"	"

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Mark Laura	6-2-99 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: * ALL LOCATIONS HAND AUGERED

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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-2 LANDFILL Cover INVEST.

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	OVA	Remarks / Preservation Method
* 4530 15	210 24"	6-2-99	1140	soil	2	X			X	V00531	ppm	HNU 0 ppm <4°C
16	211 6-12"		1154				X	X	X		"	"
17	" 24"		"			X			X	V00532	"	"
18	FIELD DUP. 6-12"		—				X	X	X		"	"
19	" 24"		—			X			X	V00537	"	"

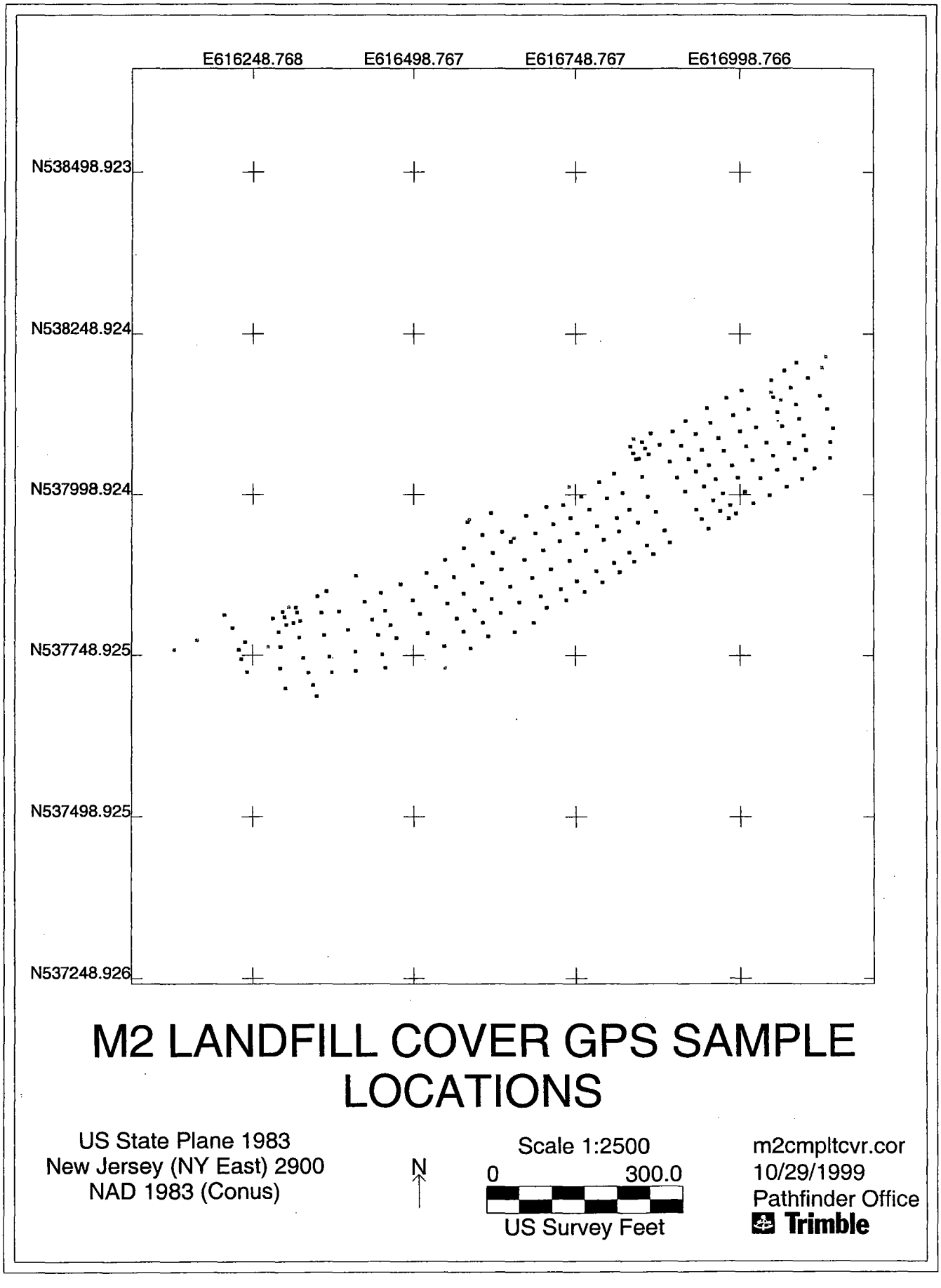
Comments: see Pg. 1

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
[signature]	6-2-99 1350	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

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

Remarks:

GPS MAPS



M2 LANDFILL COVER GPS SAMPLE LOCATIONS

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

N

Scale 1:2500
0 300.0
US Survey Feet

m2cmpltcvr.cor
10/29/1999
Pathfinder Office
Trimble

LANDFILL COVER

M-2
Landfill Cover

Boring		Boring		Boring	
B4	Minimum 2 foot cap.	B66	Minimum 6 inch cap.	B118	Minimum 6 inch cap.
B5	Minimum 6 inch cap.	B67	Minimum 6 inch cap.	B119	Minimum 18 inch cap.
B6	Minimum 6 inch cap.	B68	Minimum 6 inch cap.	B120	Minimum 2 foot cap.
B13	Minimum 2 foot cap.	B69	Minimum 2 foot cap.	B121	Minimum 2 foot cap.
B14	Minimum 2 foot cap.	B70	Minimum 2 foot cap.	B122	Minimum 2 foot cap.
B15	Minimum 2 foot cap.	B71	Minimum 18 inch cap.	B123	Minimum 6 inch cap.
B19	Minimum 6 inch cap.	B72	Minimum 6 inch cap.	B124	Minimum 6 inch cap.
B20	Minimum 6 inch cap.	B73	Minimum 2 foot cap.	B125	Minimum 2 foot cap.
B21	Minimum 2 foot cap.	B74	Minimum 1 foot cap.	B126	Minimum 6 inch cap.
B25	Minimum 2 foot cap.	B75	Minimum 18 inch cap.	B127	Minimum 2 foot cap.
B26	Minimum 2 foot cap.	B76	Minimum 2 foot cap.	B128	Minimum 6 inch cap.
B27	Minimum 2 foot cap.	B77	Minimum 2 foot cap.	B129	Minimum 6 inch cap.
B28	Minimum 18 inch cap.	B78	Minimum 2 foot cap.	B130	Minimum 6 inch cap.
B29	Minimum 18 inch cap.	B79	Minimum 2 foot cap.	B131	Minimum 18 inch cap.
B30	Minimum 2 foot cap.	B81	Minimum 2 foot cap.	B132	Minimum 1 foot cap.
B31	Minimum 2 foot cap.	B82	Minimum18 inch cap.	B133	Minimum 1 foot cap.
B32	Minimum 2 foot cap.	B83	Minimum 2 foot cap.	B134	Minimum 3 inch cap.
B33	Minimum 2 foot cap.	B84	Minimum 2 foot cap.	B135	Minimum 3 inch cap.
B34	Minimum 2 foot cap.	B85	Minimum 2 foot cap.	B136	Minimum 18 inch cap.
B35	Minimum 1 foot cap.	B86	Minimum 2 foot cap.	B137	Minimum 2 foot cap.
B36	Minimum 1 foot cap.	B87	Minimum 6 inch cap.	B138	Minimum 2 foot cap.
B37	Minimum 1 foot cap.	B88	Minimum 2 foot cap.	B139	Minimum 2 foot cap.
B38	Minimum 2 foot cap.	B89	Minimum 18 inch cap.	B140	Minimum 2 foot cap.
B39	Minimum 1 foot cap.	B90	Minimum 2 foot cap.	B141	Minimum 6 inch cap.
B40	Minimum 2 foot cap.	B91	Minimum 2 foot cap.	B142	Minimum 2 foot cap.
B41	Minimum 6 inch cap.	B92	Minimum 2 foot cap.	B142A	Minimum 2 foot cap.
B42	Minimum 6 inch cap.	B93	Minimum 6 inch cap.	B143	Minimum 2 foot cap.
B43	Minimum 6 inch cap.	B94	Minimum 2 foot cap.	B144	Minimum 2 foot cap.
B44	Minimum 6 inch cap.	B95	Minimum 18 inch cap.	B145	Minimum 2 foot cap.
B45	Minimum 6 inch cap.	B96	Minimum 18 inch cap.	B146	Minimum 2 foot cap.
B46	Minimum 2 foot cap.	B97	Minimum 2 foot cap.	B147	Minimum 2 foot cap.
B47	Minimum 18 inch cap.	B98	Minimum 2 foot cap.	B148	Minimum 6 inch cap.
B48	Minimum 18 inch cap.	B99	Minimum 6 inch cap.	B149	Minimum 18 inch cap.
B49	Minimum 2 foot cap.	B100	Minimum 3 inch cap.	B150	Minimum 6 inch cap.
B50	Minimum 6 inch cap.	B101	Minimum 2 foot cap.	B151	Minimum 2 foot cap.
B51	Minimum 2 foot cap.	B102	Minimum 18 inch cap.	B152	Minimum 2 foot cap.
B52	Minimum 2 foot cap.	B103	Minimum 2 foot cap.	B153	Minimum 2 foot cap.
B53	Minimum 2 foot cap.	B104	Minimum 2 foot cap.	B154	Minimum 2 foot cap.
B54	Minimum 2 foot cap.	B105	Minimum 2 foot cap.	B155	Minimum 6 inch cap.
B55	Minimum 2 foot cap.	B106	Minimum 2 foot cap.	B156	Minimum 1 inch cap.
B56	Minimum 2 foot cap.	B107	Minimum 2 foot cap.	B157	Minimum 2 foot cap.
B57	Minimum 18 inch cap.	B108	Minimum 2 foot cap.	B158	Minimum 2 foot cap.
B58	Minimum 2 foot cap.	B109	Minimum 2 foot cap.	B159	Minimum 2 foot cap.
B59	Minimum 2 foot cap.	B110	Minimum 2 foot cap.	B160	Minimum 2 foot cap.
B59A	Minimum 2 foot cap.	B111	Minimum 2 foot cap.	B161	Minimum 2 foot cap.
B60	Minimum 18 inch cap.	B112	Minimum 6 inch cap.	B162	Minimum 6 inch cap.
B61	Minimum 3 inch cap.	B113	Minimum 3 inch cap.	B163	Minimum 2 foot cap.
B62	Minimum 3 inch cap.	B114	Minimum 2 foot cap.	B164	Minimum 2 foot cap.
B63	Minimum 3 inch cap.	B115	Minimum 18 inch cap.	B165	Minimum 2 foot cap.
B64	Minimum 1 foot cap.	B116	Minimum 18 inch cap.	B166	Minimum 2 foot cap.
B65	Minimum 6 inch cap.	B117	Minimum 2 foot cap.	B167	Minimum 2 foot cap.

M-2
Landfill Cover

Boring					
B168	Minimum 2 foot cap.	B183	Minimum 2 foot cap.	B198	Minimum 3 inch cap.
B169	Minimum 2 foot cap.	B184	Minimum 2 foot cap.	B199	Minimum 2 foot cap.
B170	Minimum 6 inch cap.	B185	Minimum 6 inch cap.	B200	Minimum 2 foot cap.
B171	Minimum 2 foot cap.	B186	Minimum 18 inch cap.	B201	Minimum 2 foot cap.
B172	Minimum 2 foot cap.	B187	Minimum 18 inch cap.	B202	Minimum 2 foot cap.
B173	Minimum 2 foot cap.	B188	Minimum 1 foot cap.	B203	Minimum 18 inch cap.
B174	Minimum 2 foot cap.	B189	Minimum 3 inch cap.	B204	Minimum 18 inch cap.
B175	Minimum 2 foot cap.	B190	Minimum 3 inch cap.	B205	Minimum 18 inch cap.
B176	Minimum 2 foot cap.	B191	Minimum 3 inch cap.	B206	Minimum 6 inch cap.
B177	Minimum 2 foot cap.	B192	Minimum 3 inch cap.	B207	Minimum 2 foot cap.
B178	Minimum 3 inch cap.	B193	Minimum 6 inch cap.	B208	Minimum 3 inch cap.
B179	Minimum 3 inch cap.	B194	Minimum 6 inch cap.	B209	Minimum 3 inch cap.
B180	Minimum 2 foot cap.	B195	Minimum 18 inch cap.	B210	Minimum 6 inch cap.
B181	Minimum 2 foot cap.	B196	Minimum 3 inch cap.	B211	Minimum 2 foot cap.
B182	Minimum 2 foot cap.	B197	Minimum 3 inch cap.		

FIELD DUPLICATE IDENTIFICATION

Field Duplicate Identification

Sample ID	Lab ID	Field Duplicate
M2-52 6-12"	4356.08	4356.16
M2-52 24"	4356.09	4356.17
M2-76 6-12"	4406.06	4406.08
M2-76 24"	4406.07	4406.09
M2-103 6-12"	4446.04	4446.14
M2-103 24"	4446.05	4446.15
M2-115 6-12"	4466.06	4466.14
M2-115 24"	4466.07	4466.15
M2-136 6-12"	4472.18	4472.32
M2-136 24"	4472.19	4472.33
M2-166 6-12"	4485.18	4485.28
M2-166 24"	4485.19	4485.29
M2-206 6-12"	4530.06	4530.18
M2-206 24"	4530.07	4530.29

CASE NARRATIVE

CASE NARRATIVE

Site: M-2 Landfill

Lab ID: 4286, 4295, 4298, 4327, 4331, 4335, 4340, 4349, 4356, 4359, 4367, 4380, 4395, 4406, 4415, 4418, 4423, 4434, 4443, 4446, 4462, 4466, 4468, 4472, 4475, 4485, 4491, 4494, 4526, 4527, 4530

Two sample locations were designated with the same field ID.

Sample Location	Date	Lab ID
59 6-12"	3/18/99	4359.08
59 24"	3/18/99	4359.09
59 6-12"	3/23/99	4367.02
59 24"	3/23/99	4367.03
142 6-12"	5/10/99	4472.30
142 24"	5/10/99	4472.31
142 6-12"	5/11/99	4475.02
142 24"	5/11/99	4475.03

The letter "A" has been added to the second sampling date of each set of samples to distinguish between them.

The Trip Blank taken on 3/8/99 has a Methylene Chloride value of 27000E ppb. The sample was not diluted.

All samples listed on the Chain of Custody forms with an (*) were hand augered.

Boring 100 was originally sampled on 4/26/99. It was resampled on 6/1/99 due to laboratory breakage.

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: 4286 **Site:** M-2

	Date	Hold Time
Date Sampled	02/19/99	NA
Receipt/Refrigeration	02/19/99	NA
Extractions		
1. Semivolatiles	02/22/99	14 Days
2. Pest/PCB's	02/22/99	07 Days
Analyses		
1. Volatile Organics	02/25/99	14 Days
2. Semivolatiles	02/25/99	40 Days
3. Pest/PCB's	03/04/99	40 Days
4. Metals	03/02/99	6 Months
5. Mercury	03/09/99	28 Days

Laboratory Chronicle

Lab ID: 4295 **Site:** M-2

	Date	Hold Time
Date Sampled	02/23/99	NA
Receipt/Refrigeration	02/23/99	NA
Extractions		
1. Semivolatiles	03/04/99	14 Days
2. Pest/PCB's	02/25/99	07 Days
Analyses		
1. Volatile Organics	03/08/99	14 Days
2. Semivolatiles	03/05/99	40 Days
3. Pest/PCB's	03/05/99	40 Days
4. Metals	03/02/99	6 Months
5. Mercury	03/09/99	28 Days

Laboratory Chronicle

Lab ID: 4298 **Site:** M-2

	Date	Hold Time
Date Sampled	02/24/99	NA
Receipt/Refrigeration	02/24/99	NA
Extractions		
1. Semivolatiles	03/04/99	14 Days
2. Pest/PCB's	02/25/99	07 Days
Analyses		
1. Volatile Organics	03/08/99	14 Days
2. Semivolatiles	03/05,08/99	40 Days
3. Pest/PCB's	03/05/99	40 Days
4. Metals	03/18/99	6 Months
5. Mercury	03/09/99	28 Days

Laboratory Chronicle

Lab ID: 4327 **Site:** M-2

	Date	Hold Time
Date Sampled	03/08/99	NA
Receipt/Refrigeration	03/08/99	NA
Extractions		
1. Semivolatiles	03/12/99	14 Days
2. Pest/PCB's	03/15/99	07 Days
Analyses		
1. Volatile Organics	03/11/99	14 Days
2. Semivolatiles	03/15/99	40 Days
3. Pest/PCB's	03/25/99	40 Days
4. Metals	03/18/99	6 Months
5. Mercury	03/09/99	28 Days

Laboratory Chronicle

Lab ID: 4331 **Site:** M-2

	Date	Hold Time
Date Sampled	03/09/99	NA
Receipt/Refrigeration	03/09/99	NA
Extractions		
1. Semivolatiles	03/12/99	14 Days
2. Pest/PCB's	03/15/99	07 Days
Analyses		
1. Volatile Organics	03/12/99	14 Days
2. Semivolatiles	03/15,16/99	40 Days
3. Pest/PCB's	03/25/99	40 Days
4. Metals	03/18/99	6 Months
5. Mercury	03/18/99	28 Days

Laboratory Chronicle

Lab ID: 4335 **Site:** M-2

	Date	Hold Time
Date Sampled	03/10/99	NA
Receipt/Refrigeration	03/10/99	NA
Extractions		
1. Semivolatiles	03/12/99	14 Days
2. Pest/PCB's	03/15/99	07 Days
Analyses		
1. Volatile Organics	03/18/99	14 Days
2. Semivolatiles	03/16,17/99	40 Days
3. Pest/PCB's	03/25,26/99	40 Days
4. Metals	03/18/99	6 Months
5. Mercury	03/18/99	28 Days

Laboratory Chronicle

Lab ID: 4340 **Site:** M-2

	Date	Hold Time
Date Sampled	03/11/99	NA
Receipt/Refrigeration	03/11/99	NA
Extractions		
1. Semivolatiles	03/12/99	14 Days
2. Pest/PCB's	03/15/99	07 Days
Analyses		
1. Volatile Organics	03/18/99	14 Days
2. Semivolatiles	03/16/99	40 Days
3. Pest/PCB's	03/26/99	40 Days
4. Metals	03/18/99	6 Months
5. Mercury	03/18/99	28 Days

Laboratory Chronicle

Lab ID: 4349 **Site:** M-2

	Date	Hold Time
Date Sampled	03/16/99	NA
Receipt/Refrigeration	03/16/99	NA
Extractions		
1. Semivolatiles	03/17/99	14 Days
2. Pest/PCB's	03/17/99	07 Days
Analyses		
1. Volatile Organics	03/22/99	14 Days
2. Semivolatiles	03/18/99	40 Days
3. Pest/PCB's	03/29/99	40 Days
4. Metals	03/18/99	6 Months
5. Mercury	03/18/99	28 Days

Laboratory Chronicle

Lab ID: 4356 **Site:** M-2

	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	03/18,22/99	07 Days
Analyses		
1. Volatile Organics	03/30,31/99	14 Days
2. Semivolatiles	03/24/99	40 Days
3. Pest/PCB's	03/29,30/99	40 Days
4. Metals	04/01/99	6 Months
5. Mercury	04/01/99	28 Days

Laboratory Chronicle

Lab ID: 4359 **Site:** M-2

	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	03/22,29/99	07 Days
Analyses		
1. Volatile Organics	03/31/99	14 Days
2. Semivolatiles	03/25/99 04/01/99	40 Days
3. Pest/PCB's	03/30/99 04/27/99	40 Days
4. Metals	04/01/99	6 Months
5. Mercury	04/01/99	28 Days

Laboratory Chronicle

Lab ID: 4367 **Site:** M-2

	Date	Hold Time
Date Sampled	03/23/99	NA
Receipt/Refrigeration	03/23/99	NA
Extractions		
1. Semivolatiles	03/26/99	14 Days
2. Pest/PCB's	03/29/99	07 Days
Analyses		
1. Volatile Organics	04/02,05/99	14 Days
2. Semivolatiles	04/01,02,05/99	40 Days
3. Pest/PCB's	04/27/99	40 Days
4. Metals	04/01/99	6 Months
5. Mercury	04/01/99	28 Days

Laboratory Chronicle

Lab ID: 4380 **Site:** M-2

	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	04/01/99	07 Days
Analyses		
1. Volatile Organics	04/05/99	14 Days
2. Semivolatiles	04/02/99	40 Days
3. Pest/PCB's	05/03/99	40 Days
4. Metals	04/08/99	6 Months
5. Mercury	04/01/99	28 Days

Laboratory Chronicle

Lab ID: 4395 **Site:** M-2

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

Laboratory Chronicle

Lab ID: 4406 **Site:** M-2

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

Laboratory Chronicle

Lab ID: 4415 **Site:** M-2

	Date	Hold Time
Date Sampled	04/13/99	NA
Receipt/Refrigeration	04/13/99	NA
Extractions		
1. Semivolatiles	04/20/99	14 Days
2. Pest/PCB's	04/15/99	07 Days
Analyses		
1. Volatile Organics	04/20/99	14 Days
2. Semivolatiles	04/22,28/99	40 Days
3. Pest/PCB's	05/14/99	40 Days
4. Metals	04/20/99	6 Months
5. Mercury	04/23/99	28 Days

Laboratory Chronicle

Lab ID: 4418 **Site:** M-2

	Date	Hold Time
Date Sampled	04/14/99	NA
Receipt/Refrigeration	04/14/99	NA
Extractions		
1. Semivolatiles	04/20/99	14 Days
2. Pest/PCB's	04/15,22/99	07 Days
Analyses		
1. Volatile Organics	04/23/99	14 Days
2. Semivolatiles	04/22,27,28/99 05/03/99	40 Days
3. Pest/PCB's	05/11/99	40 Days
4. Metals	05/11/99	6 Months
5. Mercury	04/23/99	28 Days

Laboratory Chronicle

Lab ID: 4423 **Site:** M-2

	Date	Hold Time
Date Sampled	04/16/99	NA
Receipt/Refrigeration	04/16/99	NA
Extractions		
1. Semivolatiles	04/20/99	14 Days
2. Pest/PCB's	04/22/99	07 Days
Analyses		
1. Volatile Organics	04/26/99	14 Days
2. Semivolatiles	04/22,26,27/99	40 Days
3. Pest/PCB's	05/11,12/99	40 Days
4. Metals	05/11/99	6 Months
5. Mercury	04/23/99	28 Days

Laboratory Chronicle

Lab ID: 4434 **Site:** M-2

	Date	Hold Time
Date Sampled	04/21/99	NA
Receipt/Refrigeration	04/21/99	NA
Extractions		
1. Semivolatiles	04/26/99	14 Days
2. Pest/PCB's	04/22/99	07 Days
Analyses		
1. Volatile Organics	04/27/99	14 Days
2. Semivolatiles	04/27,28/99	40 Days
3. Pest/PCB's	05/12/99	40 Days
4. Metals	05/11/99	6 Months
5. Mercury	04/23/99	28 Days

Laboratory Chronicle

Lab ID: 4443 **Site:** M-2

	Date	Hold Time
Date Sampled	04/26/99	NA
Receipt/Refrigeration	04/27/99*	NA
Extractions		
1. Semivolatiles	04/27/99	14 Days
2. Pest/PCB's	05/03/99	07 Days
Analyses		
1. Volatile Organics	04/28/99	14 Days
2. Semivolatiles	04/27/99,05/03/99	40 Days
3. Pest/PCB's	05/14,15/99	40 Days
4. Metals	05/11/99	6 Months
5. Mercury	05/07/99	28 Days

* Samples received after 16:15 on 4/26/99.

Laboratory Chronicle

Lab ID: 4446 **Site:** M-2

	Date	Hold Time
Date Sampled	04/27/99	NA
Receipt/Refrigeration	04/27/99	NA
Extractions		
1. Semivolatiles	05/05/99	14 Days
2. Pest/PCB's	05/03/99	07 Days
Analyses		
1. Volatile Organics	04/29/99	14 Days
2. Semivolatiles	05/06/99	40 Days
3. Pest/PCB's	05/15/99	40 Days
4. Metals	05/11/99	6 Months
5. Mercury	05/07/99	28 Days

Laboratory Chronicle

Lab ID: 4462 **Site:** M-2

	Date	Hold Time
Date Sampled	05/04/99	NA
Receipt/Refrigeration	05/04/99	NA
Extractions		
1. Semivolatiles	05/05/99	14 Days
2. Pest/PCB's	05/10/99	07 Days
Analyses		
1. Volatile Organics	05/11/99	14 Days
2. Semivolatiles	05/06,07/99	40 Days
3. Pest/PCB's	05/17/99	40 Days
4. Metals	05/11/99	6 Months
5. Mercury	05/07/99	28 Days

Laboratory Chronicle

Lab ID: 4466 **Site:** M-2

	Date	Hold Time
Date Sampled	05/06/99	NA
Receipt/Refrigeration	05/06/99	NA
Extractions		
1. Semivolatiles	05/11/99	14 Days
2. Pest/PCB's	05/10/99	07 Days
Analyses		
1. Volatile Organics	05/12/99	14 Days
2. Semivolatiles	05/13/99	40 Days
3. Pest/PCB's	05/17,18/99	40 Days
4. Metals	05/11/99	6 Months
5. Mercury	05/26/99	28 Days

Laboratory Chronicle

Lab ID: 4468 **Site:** M-2

	Date	Hold Time
Date Sampled	05/07/99	NA
Receipt/Refrigeration	05/07/99	NA
Extractions		
1. Semivolatiles	05/11/99	14 Days
2. Pest/PCB's	05/10,12/99	07 Days
Analyses		
1. Volatile Organics	05/12,13/99	14 Days
2. Semivolatiles	05/13/99	40 Days
3. Pest/PCB's	05/18,19/99	40 Days
4. Metals	05/11/99	6 Months
5. Mercury	05/26/99	28 Days

Laboratory Chronicle

Lab ID: 4472 **Site:** M-2

	Date	Hold Time
Date Sampled	05/10/99	NA
Receipt/Refrigeration	05/10/99	NA
Extractions		
1. Semivolatiles	05/13/99	14 Days
2. Pest/PCB's	05/12,14/99	07 Days
Analyses		
1. Volatile Organics	05/14,18/99	14 Days
2. Semivolatiles	05/17,18,19/99	40 Days
3. Pest/PCB's	05/19,20/99	40 Days
4. Metals	06/10/99	6 Months
5. Mercury	06/09/99	28 Days

Laboratory Chronicle

Lab ID: 4475 **Site:** M-2

	Date	Hold Time
Date Sampled	05/11/99	NA
Receipt/Refrigeration	05/11/99	NA
Extractions		
1. Semivolatiles	05/17,20/99	14 Days
2. Pest/PCB's	05/18,19/99	07 Days
Analyses		
1. Volatile Organics	05/18,21/99	14 Days
2. Semivolatiles	05/21,24/99	40 Days
3. Pest/PCB's	05/21,24,25/99	40 Days
4. Metals	06/10/99	6 Months
5. Mercury	06/09/99	28 Days

Laboratory Chronicle

Lab ID: 4485 **Site:** M-2

	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	07 Days
Analyses		
1. Volatile Organics	05/20,21/99	14 Days
2. Semivolatiles	05/26/99 06/01/99	40 Days
3. Pest/PCB's	05/27,28/99	40 Days
4. Metals	06/10/99	6 Months
5. Mercury	06/10/99	28 Days

Laboratory Chronicle

Lab ID: 4491 **Site:** M-2

	Date	Hold Time
Date Sampled	05/17/99	NA
Receipt/Refrigeration	05/17/99	NA
Extractions		
1. Semivolatiles	05/24/99	14 Days
2. Pest/PCB's	05/21/99	07 Days
Analyses		
1. Volatile Organics	05/24/99	14 Days
2. Semivolatiles	06/01,02/99	40 Days
3. Pest/PCB's	06/01,02,03,08/99	40 Days
4. Metals	07/14/99	6 Months
5. Mercury	06/10/99	28 Days

Laboratory Chronicle

Lab ID: 4494 **Site:** M-2

	Date	Hold Time
Date Sampled	05/18/99	NA
Receipt/Refrigeration	05/18/99	NA
Extractions		
1. Semivolatiles	05/24/99	14 Days
2. Pest/PCB's	05/21/99	07 Days
Analyses		
1. Volatile Organics	05/27/99	14 Days
2. Semivolatiles	06/02,03,04,15/99	40 Days
3. Pest/PCB's	06/08,09/99	40 Days
4. Metals	07/14/99	6 Months
5. Mercury	06/14/99	28 Days

Laboratory Chronicle

Lab ID: 4526 **Site:** M-2

	Date	Hold Time
Date Sampled	06/01/99	NA
Receipt/Refrigeration	06/01/99	NA
Extractions		
1. Pest/PCB's	06/02/99	07 Days
Analyses		
1. Pest/PCB's	06/11/99	40 Days

Laboratory Chronicle

Lab ID: 4527 **Site:** M-2

	Date	Hold Time
Date Sampled	06/01/99	NA
Receipt/Refrigeration	06/01/99	NA
Extractions		
1. Semivolatiles	06/04/99	14 Days
2. Pest/PCB's	06/02/99	07 Days
Analyses		
1. Volatile Organics	06/02,08/99	14 Days
2. Semivolatiles	06/15,16/99	40 Days
3. Pest/PCB's	06/11/99	40 Days
4. Metals	07/14/99	6 Months
5. Mercury	06/14/99	28 Days

Laboratory Chronicle

Lab ID: 4530 **Site:** M-2

	Date	Hold Time
Date Sampled	06/02/99	NA
Receipt/Refrigeration	06/02/99	NA
Extractions		
1. Semivolatiles	06/04,07/99	14 Days
2. Pest/PCB's	06/08,16/99	07 Days
Analyses		
1. Volatile Organics	06/08,09/99	14 Days
2. Semivolatiles	06/16/99	40 Days
3. Pest/PCB's	06/25/99 07/10/99	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

ANALYTICAL RESULTS

VOLATILE ORGANICS

METHOD BLANKS

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk85

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4286 SDG No: Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: Vblk85

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB02782.D

Level: (low/med) MED Date Received: 2/19/99

% Moisture: not dec. 0 Date Analyzed: 2/25/99

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

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk85

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4286 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: Vblk85

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB02782.D

Level: (low/med) MED Date Received: 2/19/99

% Moisture: not dec. 0 Date Analyzed: 2/25/99

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
100-41-4	Ethylbenzene	500	U
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Vblk85

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4286 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: Vblk85

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB02782.D

Level: (low/med) MED Date Received: 2/19/99

% Moisture: not dec. 0 Date Analyzed: 2/25/99

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

Vblk88

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4298 SDG No: Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: Vblk88

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB02856.D

Level: (low/med) MED Date Received: 2/24/99

% Moisture: not dec. 0 Date Analyzed: 3/8/99

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	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

Vblk88

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4295 SDG No: Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: Vblk88

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB02856.D

Level: (low/med) MED Date Received: 2/23/99

% Moisture: not dec. 0 Date Analyzed: 3/8/99

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	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.

Vblk88

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4295 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: Vblk88

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB02856.D

Level: (low/med) MED Date Received: 2/23/99

% Moisture: not dec. 0 Date Analyzed: 3/8/99

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

Vblk89

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4298 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk89

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB02873.D

Level: (low/med) MED Date Received: 2/24/99

% Moisture: not dec. 0 Date Analyzed: 3/9/99

GC Column: RTX502. 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

Vblk89

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4298 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk89

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB02873.D

Level: (low/med) MED Date Received: 2/24/99

% Moisture: not dec. 0 Date Analyzed: 3/9/99

GC Column: RTX502. 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: **Vblk89**

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4298 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk89

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB02873.D

Level: (low/med) MED Date Received: 2/24/99

% Moisture: not dec. 0 Date Analyzed: 3/9/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 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

Vblk91

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4327 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: Vblk91

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB02943.D

Level: (low/med) MED Date Received: 3/8/99

% Moisture: not dec. 0 Date Analyzed: 3/11/99

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

Vblk91

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4327 SDG No: Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: Vblk91

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB02943.D

Level: (low/med) MED Date Received: 3/8/99

% Moisture: not dec. 0 Date Analyzed: 3/11/99

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.

Vblk91

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4327 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: Vblk91

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB02943.D

Level: (low/med) MED Date Received: 3/8/99

% Moisture: not dec. 0 Date Analyzed: 3/11/99

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

Vblk92

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4331 SDG No: Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: Vblk92

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB02972.D

Level: (low/med) MED Date Received: 3/9/99

% Moisture: not dec. 0 Date Analyzed: 3/12/99

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

Vblk92

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4331 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: Vblk92

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB02972.D

Level: (low/med) MED Date Received: 3/9/99

% Moisture: not dec. 0 Date Analyzed: 3/12/99

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.

Vblk92

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4331 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: Vblk92

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB02972.D

Level: (low/med) MED Date Received: 3/9/99

% Moisture: not dec. 0 Date Analyzed: 3/12/99

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

Vblk95

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4335 SDG No: Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: Vblk95

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB03068.D

Level: (low/med) MED Date Received: 3/10/99

% Moisture: not dec. 0 Date Analyzed: 3/18/99

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

Vblk95

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4335 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: Vblk95

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB03068.D

Level: (low/med) MED Date Received: 3/10/99

% Moisture: not dec. 0 Date Analyzed: 3/18/99

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.

Vblk95

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4335 SDG No: Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: Vblk95

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB03068.D

Level: (low/med) MED Date Received: 3/10/99

% Moisture: not dec. 0 Date Analyzed: 3/18/99

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

Vblk96

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4349 SDG No: _____ Location: M-2

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)

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

Vblk96

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4349 SDG No: _____ Location: M-2

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)

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.

Vblk96

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4349 SDG No: Location: M-2

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

Vblk158

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4356 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk158

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA005922.D

Level: (low/med) MED Date Received: 3/17/99

% Moisture: not dec. 0 Date Analyzed: 3/30/99

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

Vblk158

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4356 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk158

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA005922.D

Level: (low/med) MED Date Received: 3/17/99

% Moisture: not dec. 0 Date Analyzed: 3/30/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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.

Vblk158

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4356 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk158

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA005922.D

Level: (low/med) MED Date Received: 3/17/99

% Moisture: not dec. 0 Date Analyzed: 3/30/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 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	10.62	3600	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk100

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4359 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: Vblk100

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB03262.D

Level: (low/med) MED Date Received: 3/18/99

% 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

Vblk100

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4359 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: Vblk100

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB03262.D

Level: (low/med) MED Date Received: 3/18/99

% 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)

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.

Vblk100

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4359 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: Vblk100

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB03262.D

Level: (low/med) MED Date Received: 3/18/99

% 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 # 13461

Project: 980211 Case No.: 4356 Location: M-2 SDG No.:

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: 3/17/99

% Moisture: not dec. 0 Date Analyzed: 3/31/99

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

Vblk101

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4356 Location: M-2 SDG No.:

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: 3/17/99

% Moisture: not dec. 0 Date Analyzed: 3/31/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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 # 13461

Project: 980211 Case No.: 4356 Location: M-2 SDG No.:

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: 3/17/99

% Moisture: not dec. 0 Date Analyzed: 3/31/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 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.: 4367 Location: M-2 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: 3/23/99

% 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)

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

Vblk161

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4367 Location: M-2 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: 3/23/99

% 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)

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.

Vblk161

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4367 Location: M-2 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: 3/23/99

% 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

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk162

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4367 Location: M-2 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: 3/23/99

% 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	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.: 4367 Location: M-2 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: 3/23/99

% 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
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.: 4367 Location: M-2 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: 3/23/99

% 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

Vblk105

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4380 SDG No: Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: Vblk105

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB03370.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 0 Date Analyzed: 4/5/99

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

Vblk105

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4380 SDG No: Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: Vblk105

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB03370.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 0 Date Analyzed: 4/5/99

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.

Vblk105

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4380 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: Vblk105

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB03370.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 0 Date Analyzed: 4/5/99

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

Vblk165

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4395 Location: M-2 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: 4/6/99

% 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.: 4395 Location: M-2 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: 4/6/99

% 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.: 4395 Location: M-2 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: 4/6/99

% 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

Vblk167

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4406 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk167

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006090.D

Level: (low/med) MED Date Received: 4/9/99

% Moisture: not dec. 0 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	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

Vblk167

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4406 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk167

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006090.D

Level: (low/med) MED Date Received: 4/9/99

% Moisture: not dec. 0 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	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.

Vblk167

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4406 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk167

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006090.D

Level: (low/med) MED Date Received: 4/9/99

% Moisture: not dec. 0 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

Vblk169

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4418 Location: M-2 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: 4/14/99

% 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.: 4418 Location: M-2 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: 4/14/99

% 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)

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.

Vblk169

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4418 Location: M-2 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: 4/14/99

% 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

Vblk170

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4423 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk170

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006154.D

Level: (low/med) MED Date Received: 4/16/99

% Moisture: not dec. 0 Date Analyzed: 4/26/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil 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

Vblk170

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4423 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk170

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006154.D

Level: (low/med) MED Date Received: 4/16/99

% Moisture: not dec. 0 Date Analyzed: 4/26/99

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.

Vblk170

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4423 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk170

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006154.D

Level: (low/med) MED Date Received: 4/16/99

% Moisture: not dec. 0 Date Analyzed: 4/26/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 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	3700	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk171

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4434 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK171

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006174.D

Level: (low/med) MED Date Received: 4/20/99

% Moisture: not dec. 0 Date Analyzed: 4/27/99

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

Vblk171

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4434 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK171

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006174.D

Level: (low/med) MED Date Received: 4/20/99

% Moisture: not dec. 0 Date Analyzed: 4/27/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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.

Vblk171

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4434 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK171

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006174.D

Level: (low/med) MED Date Received: 4/20/99

% Moisture: not dec. 0 Date Analyzed: 4/27/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 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	10.14	7200	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk172

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4443 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk172

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006193.D

Level: (low/med) MED Date Received: 4/27/99

% Moisture: not dec. 0 Date Analyzed: 4/28/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil 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

Vblk172

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4443 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk172

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006193.D

Level: (low/med) MED Date Received: 4/27/99

% Moisture: not dec. 0 Date Analyzed: 4/28/99

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.

Vblk172

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4443 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk172

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006193.D

Level: (low/med) MED Date Received: 4/27/99

% Moisture: not dec. 0 Date Analyzed: 4/28/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 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

Vblk173

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4446 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk173

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006213.D

Level: (low/med) MED Date Received: 4/27/99

% Moisture: not dec. 0 Date Analyzed: 4/29/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil 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

Vblk173

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4446 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk173

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006213.D

Level: (low/med) MED Date Received: 4/27/99

% Moisture: not dec. 0 Date Analyzed: 4/29/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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.

Vblk173

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4446 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk173

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006213.D

Level: (low/med) MED Date Received: 4/27/99

% Moisture: not dec. 0 Date Analyzed: 4/29/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 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

Vblk174

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4446 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk174

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006228.D

Level: (low/med) MED Date Received: 4/27/99

% Moisture: not dec. 0 Date Analyzed: 5/3/99

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

Vblk174

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4446 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk174

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006228.D

Level: (low/med) MED Date Received: 4/27/99

% Moisture: not dec. 0 Date Analyzed: 5/3/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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.

Vblk174

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4446 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk174

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006228.D

Level: (low/med) MED Date Received: 4/27/99

% Moisture: not dec. 0 Date Analyzed: 5/3/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 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

Vblk178

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4462 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk178

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006304.D

Level: (low/med) MED Date Received: 5/4/99

% Moisture: not dec. 0 Date Analyzed: 5/11/99

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

Vblk178

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4462 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk178

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006304.D

Level: (low/med) MED Date Received: 5/4/99

% Moisture: not dec. 0 Date Analyzed: 5/11/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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.

Vblk178

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4462 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk178

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006304.D

Level: (low/med) MED Date Received: 5/4/99

% Moisture: not dec. 0 Date Analyzed: 5/11/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 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

Vblk179

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4466 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK179

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006329.D

Level: (low/med) MED Date Received: 5/6/99

% Moisture: not dec. 0 Date Analyzed: 5/12/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil 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

Vblk179

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4466 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK179

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006329.D

Level: (low/med) MED Date Received: 5/6/99

% Moisture: not dec. 0 Date Analyzed: 5/12/99

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.

Vblk179

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4466 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK179

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006329.D

Level: (low/med) MED Date Received: 5/6/99

% Moisture: not dec. 0 Date Analyzed: 5/12/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 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.: 4468 Location: M-2 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
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.: 4468 Location: M-2 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.: 4468 Location: M-2 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

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk181

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4495 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk181

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006372.D

Level: (low/med) MED Date Received: 5/10/99

% Moisture: not dec. 0 Date Analyzed: 5/14/99

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

Vblk181

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4495 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk181

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006372.D

Level: (low/med) MED Date Received: 5/10/99

% Moisture: not dec. 0 Date Analyzed: 5/14/99

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	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.

Vblk181

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4495 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk181

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006372.D

Level: (low/med) MED Date Received: 5/10/99

% Moisture: not dec. 0 Date Analyzed: 5/14/99

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: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk183

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4495 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk183

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006414.D

Level: (low/med) MED Date Received: 5/10/99

% Moisture: not dec. 0 Date Analyzed: 5/18/99

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

Vblk183

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4495 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk183

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006414.D

Level: (low/med) MED Date Received: 5/10/99

% Moisture: not dec. 0 Date Analyzed: 5/18/99

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.

Vblk183

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4495 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk183

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006414.D

Level: (low/med) MED Date Received: 5/10/99

% Moisture: not dec. 0 Date Analyzed: 5/18/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 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

Vblk185

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4485 Location: M-2 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:

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

Vblk185

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4485 Location: M-2 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.: 4485 Location: M-2 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

Vblk186

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4475 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk186

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006484.D

Level: (low/med) MED Date Received: 5/11/99

% Moisture: not dec. 0 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	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

Vblk186

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4475 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk186

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006484.D

Level: (low/med) MED Date Received: 5/11/99

% Moisture: not dec. 0 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
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.

Vblk186

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4475 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk186

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006484.D

Level: (low/med) MED Date Received: 5/11/99

% Moisture: not dec. 0 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. 000110-54-3	Hexane	10.12	3400	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk187

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4491 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk187

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006503.D

Level: (low/med) MED Date Received: 5/17/99

% Moisture: not dec. 0 Date Analyzed: 5/24/99

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

Vblk187

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4491 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk187

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006503.D

Level: (low/med) MED Date Received: 5/17/99

% Moisture: not dec. 0 Date Analyzed: 5/24/99

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.

Vblk187

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4491 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk187

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006503.D

Level: (low/med) MED Date Received: 5/17/99

% Moisture: not dec. 0 Date Analyzed: 5/24/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 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	2700	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk188

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4494 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk188

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006530.D

Level: (low/med) MED Date Received: 5/18/99

% Moisture: not dec. 0 Date Analyzed: 5/27/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil 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

Vblk188

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4494 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk188

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006530.D

Level: (low/med) MED Date Received: 5/18/99

% Moisture: not dec. 0 Date Analyzed: 5/27/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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.

Vblk188

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4494 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk188

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006530.D

Level: (low/med) MED Date Received: 5/18/99

% Moisture: not dec. 0 Date Analyzed: 5/27/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 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

Vblk190

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4527 Location M-2 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: Vblk190

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006565.D

Level: (low/med) MED Date Received: 6/1/99

% Moisture: not dec. 0 Date Analyzed: 6/2/99

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

FIELD ID

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk190

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4527 Location M-2 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: Vblk190

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006565.D

Level: (low/med) MED Date Received: 6/1/99

% Moisture: not dec. 0 Date Analyzed: 6/2/99

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: **Vblk190**

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4527 Location M-2 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: Vblk190

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006565.D

Level: (low/med) MED Date Received: 6/1/99

% Moisture: not dec. 0 Date Analyzed: 6/2/99

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

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	10.13	3400	JN

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk117

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4527 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk117

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB003817.D

Level: (low/med) MED Date Received: 6/1/99

% Moisture: not dec. 0 Date Analyzed: 6/8/99

GC Column: RTX502. 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

Vblk117

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4527 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk117

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB003817.D

Level: (low/med) MED Date Received: 6/1/99

% Moisture: not dec. 0 Date Analyzed: 6/8/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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: **Vblk117**

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4527 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk117

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB003817.D

Level: (low/med) MED Date Received: 6/1/99

% Moisture: not dec. 0 Date Analyzed: 6/8/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 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

Vblk191

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4530 Location M-2 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: Vblk 191

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006603.D

Level: (low/med) MED Date Received: 6/2/99

% Moisture: not dec. 0 Date Analyzed: 6/9/99

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	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	980	
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

Vblk191

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4530 Location M-2 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: Vblk 191

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006603.D

Level: (low/med) MED Date Received: 6/2/99

% Moisture: not dec. 0 Date Analyzed: 6/9/99

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: **Vblk191**

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4530 Location M-2 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: Vblk 191

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006603.D

Level: (low/med) MED Date Received: 6/2/99

% Moisture: not dec. 0 Date Analyzed: 6/9/99

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

Vblk192

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4530 Location M-2 SAS 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: 6/2/99

% Moisture: not dec. 0 Date Analyzed: 6/10/99

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

FIELD ID

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk192

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4530 Location M-2 SAS 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: 6/2/99

% Moisture: not dec. 0 Date Analyzed: 6/10/99

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: **Vblk192**

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4530 Location M-2 SAS 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: 6/2/99

% Moisture: not dec. 0 Date Analyzed: 6/10/99

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

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	10.00	1900	JN

TRIP BLANKS

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Trip Blank

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4286 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4286.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB02783.D

Level: (low/med) MED Date Received: 2/19/99

% Moisture: not dec. 0 Date Analyzed: 2/25/99

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	2500	
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

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Trip Blank

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4286 SDG No: Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4286.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB02783.D

Level: (low/med) MED Date Received: 2/19/99

% Moisture: not dec. 0 Date Analyzed: 2/25/99

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
100-41-4	Ethylbenzene	500	U
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.: 4286 SDG No: Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4286.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB02783.D

Level: (low/med) MED Date Received: 2/19/99

% Moisture: not dec. 0 Date Analyzed: 2/25/99

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.: 4295 SDG No: Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4295.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB02858.D

Level: (low/med) MED Date Received: 2/23/99

% Moisture: not dec. 0 Date Analyzed: 3/8/99

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	300	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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Trip Blank

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4295 SDG No: Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4295.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB02858.D

Level: (low/med) MED Date Received: 2/23/99

% Moisture: not dec. 0 Date Analyzed: 3/8/99

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	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.: 4295 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4295.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB02858.D

Level: (low/med) MED Date Received: 2/23/99

% Moisture: not dec. 0 Date Analyzed: 3/8/99

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 # 13561

Project: 980211 Case No.: 4298 SDG No: Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4298.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB02862.D

Level: (low/med) MED Date Received: 2/24/99

% Moisture: not dec. 0 Date Analyzed: 3/8/99

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	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.: 4298 SDG No: Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4298.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB02862.D

Level: (low/med) MED Date Received: 2/24/99

% Moisture: not dec. 0 Date Analyzed: 3/8/99

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	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.: 4298 SDG No: Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4298.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB02862.D

Level: (low/med) MED Date Received: 2/24/99

% Moisture: not dec. 0 Date Analyzed: 3/8/99

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 # 13561

Project: 980211 Case No.: 4327 SDG No: Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4327.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB02944Q.D

Level: (low/med) MED Date Received: 3/8/99

% Moisture: not dec. 0 Date Analyzed: 3/11/99

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	27000	E
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.: 4327 SDG No: Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4327.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB02944Q.D

Level: (low/med) MED Date Received: 3/8/99

% Moisture: not dec. 0 Date Analyzed: 3/11/99

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.: 4327 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4327.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB02944Q.D

Level: (low/med) MED Date Received: 3/8/99

% Moisture: not dec. 0 Date Analyzed: 3/11/99

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.: 4331 SDG No: Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4331.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB02973.D

Level: (low/med) MED Date Received: 3/9/99

% Moisture: not dec. 0 Date Analyzed: 3/12/99

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	3100	
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.: 4331 SDG No: Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4331.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB02973.D

Level: (low/med) MED Date Received: 3/9/99

% Moisture: not dec. 0 Date Analyzed: 3/12/99

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.: 4331 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4331.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB02973.D

Level: (low/med) MED Date Received: 3/9/99

% Moisture: not dec. 0 Date Analyzed: 3/12/99

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.: 4335 SDG No: Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4335.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB03070.D

Level: (low/med) MED Date Received: 3/10/99

% Moisture: not dec. 0 Date Analyzed: 3/18/99

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.: 4335 SDG No: Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4335.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB03070.D

Level: (low/med) MED Date Received: 3/10/99

% Moisture: not dec. 0 Date Analyzed: 3/18/99

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.: 4335 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4335.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB03070.D

Level: (low/med) MED Date Received: 3/10/99

% Moisture: not dec. 0 Date Analyzed: 3/18/99

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.: 4340 SDG No: Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4340.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB03076.D

Level: (low/med) MED Date Received: 3/11/99

% Moisture: not dec. 0 Date Analyzed: 3/18/99

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.: 4340 SDG No: Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4340.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB03076.D

Level: (low/med) MED Date Received: 3/11/99

% Moisture: not dec. 0 Date Analyzed: 3/18/99

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.: 4340 SDG No: Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4340.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB03076.D

Level: (low/med) MED Date Received: 3/11/99

% Moisture: not dec. 0 Date Analyzed: 3/18/99

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.: 4349 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4349.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB03081.D

Level: (low/med) MED Date Received: 3/16/99

% Moisture: not dec. 0 Date Analyzed: 3/18/99

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.: 4349 SDG No: Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4349.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB03081.D

Level: (low/med) MED Date Received: 3/16/99

% Moisture: not dec. 0 Date Analyzed: 3/18/99

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.: 4349 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4349.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB03081.D

Level: (low/med) MED Date Received: 3/16/99

% Moisture: not dec. 0 Date Analyzed: 3/18/99

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.: 4356 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4356.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA005923.D

Level: (low/med) MED Date Received: 3/17/99

% Moisture: not dec. 0 Date Analyzed: 3/30/99

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.: 4356 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4356.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA005923.D

Level: (low/med) MED Date Received: 3/17/99

% Moisture: not dec. 0 Date Analyzed: 3/30/99

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.: 4356 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4356.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA005923.D

Level: (low/med) MED Date Received: 3/17/99

% Moisture: not dec. 0 Date Analyzed: 3/30/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 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	10.62	10000	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Trip Blank

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4359 SDG No: Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4359.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB03267.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)

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.: 4359 SDG No: Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4359.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB03267.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)

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.: 4359 SDG No: Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4359.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB03267.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

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4367 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4367.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA005970.D

Level: (low/med) MED Date Received: 3/23/99

% 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)

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.: 4367 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4367.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA005970.D

Level: (low/med) MED Date Received: 3/23/99

% 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)

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.: 4367 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4367.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA005970.D

Level: (low/med) MED Date Received: 3/23/99

% 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

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Trip Blank

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4380 SDG No: Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4380.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB03373.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 0 Date Analyzed: 4/5/99

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	780	
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.: 4380 SDG No: Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4380.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB03373.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 0 Date Analyzed: 4/5/99

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.: 4380 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4380.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB03373.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 0 Date Analyzed: 4/5/99

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.: 4395 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4395.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006064.D

Level: (low/med) MED Date Received: 4/6/99

% 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)

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.: 4395 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4395.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006064.D

Level: (low/med) MED Date Received: 4/6/99

% 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.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4395 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4395.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006064.D

Level: (low/med) MED Date Received: 4/6/99

% 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: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	10.10	1600	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4406 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4406.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006091.D

Level: (low/med) MED Date Received: 4/9/99

% Moisture: not dec. 0 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	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.: 4406 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4406.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006091.D

Level: (low/med) MED Date Received: 4/9/99

% Moisture: not dec. 0 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	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.: 4406 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4406.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006091.D

Level: (low/med) MED Date Received: 4/9/99

% Moisture: not dec. 0 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

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4415 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4415.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006104.D

Level: (low/med) MED Date Received: 4/13/99

% Moisture: not dec. 0 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	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.: 4415 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4415.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006104.D

Level: (low/med) MED Date Received: 4/13/99

% Moisture: not dec. 0 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
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.: 4415 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4415.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006104.D

Level: (low/med) MED Date Received: 4/13/99

% Moisture: not dec. 0 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

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4418 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4418.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006143.D

Level: (low/med) MED Date Received: 4/14/99

% 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)

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.: 4418 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4418.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006143.D

Level: (low/med) MED Date Received: 4/14/99

% 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.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4418 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4418.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006143.D

Level: (low/med) MED Date Received: 4/14/99

% 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

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4423 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4423.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006166.D

Level: (low/med) MED Date Received: 4/16/99

% Moisture: not dec. 0 Date Analyzed: 4/26/99

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.: 4423 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4423.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006166.D

Level: (low/med) MED Date Received: 4/16/99

% Moisture: not dec. 0 Date Analyzed: 4/26/99

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.: 4423 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4423.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006166.D

Level: (low/med) MED Date Received: 4/16/99

% Moisture: not dec. 0 Date Analyzed: 4/26/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 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

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4434 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4434.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006185.D

Level: (low/med) MED Date Received: 4/20/99

% Moisture: not dec. 0 Date Analyzed: 4/27/99

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.: 4434 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4434.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006185.D

Level: (low/med) MED Date Received: 4/20/99

% Moisture: not dec. 0 Date Analyzed: 4/27/99

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.: 4434 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4434.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006185.D

Level: (low/med) MED Date Received: 4/20/99

% Moisture: not dec. 0 Date Analyzed: 4/27/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 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.: 4443 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4443.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006201.D

Level: (low/med) MED Date Received: 4/27/99

% Moisture: not dec. 0 Date Analyzed: 4/28/99

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.: 4443 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4443.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006201.D

Level: (low/med) MED Date Received: 4/27/99

% Moisture: not dec. 0 Date Analyzed: 4/28/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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.: 4443 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4443.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006201.D

Level: (low/med) MED Date Received: 4/27/99

% Moisture: not dec. 0 Date Analyzed: 4/28/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 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.: 4446 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4446.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006216.D

Level: (low/med) MED Date Received: 4/27/99

% Moisture: not dec. 0 Date Analyzed: 4/29/99

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.: 4446 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4446.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006216.D

Level: (low/med) MED Date Received: 4/27/99

% Moisture: not dec. 0 Date Analyzed: 4/29/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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.: 4446 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4446.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006216.D

Level: (low/med) MED Date Received: 4/27/99

% Moisture: not dec. 0 Date Analyzed: 4/29/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 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.: 4462 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4462.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006310.D

Level: (low/med) MED Date Received: 5/4/99

% Moisture: not dec. 0 Date Analyzed: 5/11/99

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.: 4462 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4462.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006310.D

Level: (low/med) MED Date Received: 5/4/99

% Moisture: not dec. 0 Date Analyzed: 5/11/99

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.: 4462 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4462.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006310.D

Level: (low/med) MED Date Received: 5/4/99

% Moisture: not dec. 0 Date Analyzed: 5/11/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 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

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4466 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4466.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006336.D

Level: (low/med) MED Date Received: 5/6/99

% Moisture: not dec. 0 Date Analyzed: 5/12/99

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.: 4466 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4466.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006336.D

Level: (low/med) MED Date Received: 5/6/99

% Moisture: not dec. 0 Date Analyzed: 5/12/99

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.: 4466 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4466.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006336.D

Level: (low/med) MED Date Received: 5/6/99

% Moisture: not dec. 0 Date Analyzed: 5/12/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 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.: 4468 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4468.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006344.D

Level: (low/med) MED Date Received: 5/7/99

% Moisture: not dec. 0 Date Analyzed: 5/12/99

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	3600	
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.: 4468 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4468.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006344.D

Level: (low/med) MED Date Received: 5/7/99

% Moisture: not dec. 0 Date Analyzed: 5/12/99

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.: 4468 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4468.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006344.D

Level: (low/med) MED Date Received: 5/7/99

% Moisture: not dec. 0 Date Analyzed: 5/12/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 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	1700	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4495 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4472.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006373.D

Level: (low/med) MED Date Received: 5/10/99

% Moisture: not dec. 0 Date Analyzed: 5/14/99

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	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.: 4495 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4472.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006373.D

Level: (low/med) MED Date Received: 5/10/99

% Moisture: not dec. 0 Date Analyzed: 5/14/99

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.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4495 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4472.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006373.D

Level: (low/med) MED Date Received: 5/10/99

% Moisture: not dec. 0 Date Analyzed: 5/14/99

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: 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.: 4475 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4475.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006421.D

Level: (low/med) MED Date Received: 5/11/99

% Moisture: not dec. 0 Date Analyzed: 5/18/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil 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.: 4475 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4475.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006421.D

Level: (low/med) MED Date Received: 5/11/99

% Moisture: not dec. 0 Date Analyzed: 5/18/99

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.: 4475 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4475.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006421.D

Level: (low/med) MED Date Received: 5/11/99

% Moisture: not dec. 0 Date Analyzed: 5/18/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 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	9.33	1800	J

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4485 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4485.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006471.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

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4485 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4485.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006471.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
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.: 4485 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4485.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006471.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.: 4491 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4491.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006504.D

Level: (low/med) MED Date Received: 5/17/99

% Moisture: not dec. 0 Date Analyzed: 5/24/99

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.: 4491 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4491.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006504.D

Level: (low/med) MED Date Received: 5/17/99

% Moisture: not dec. 0 Date Analyzed: 5/24/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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.: 4491 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4491.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006504.D

Level: (low/med) MED Date Received: 5/17/99

% Moisture: not dec. 0 Date Analyzed: 5/24/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 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	3100	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4494 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4494.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006537.D

Level: (low/med) MED Date Received: 5/18/99

% Moisture: not dec. 0 Date Analyzed: 5/27/99

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.: 4494 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4494.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006537.D

Level: (low/med) MED Date Received: 5/18/99

% Moisture: not dec. 0 Date Analyzed: 5/27/99

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.: 4494 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4494.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006537.D

Level: (low/med) MED Date Received: 5/18/99

% Moisture: not dec. 0 Date Analyzed: 5/27/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 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.: 4527 Location M-2 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4527.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006570.D

Level: (low/med) MED Date Received: 6/1/99

% Moisture: not dec. 0 Date Analyzed: 6/2/99

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	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.: 4527 Location M-2 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4527.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006570.D

Level: (low/med) MED Date Received: 6/1/99

% Moisture: not dec. 0 Date Analyzed: 6/2/99

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: **Trip Blank**

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4527 Location M-2 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4527.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006570.D

Level: (low/med) MED Date Received: 6/1/99

% Moisture: not dec. 0 Date Analyzed: 6/2/99

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

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	10.11	2400	J

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

Trip Blank

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4530 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4530.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB003819.D

Level: (low/med) MED Date Received: 6/2/99

% Moisture: not dec. 0 Date Analyzed: 6/8/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil 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.: 4530 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4530.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB003819.D

Level: (low/med) MED Date Received: 6/2/99

% Moisture: not dec. 0 Date Analyzed: 6/8/99

GC Column: RTX502. 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.: 4530 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4530.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB003819.D

Level: (low/med) MED Date Received: 6/2/99

% Moisture: not dec. 0 Date Analyzed: 6/8/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

FIELD DUPLICATES

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Field Dup

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4356 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4356.17

Sample wt/vol: 8.8 (g/ml) G Lab File ID: VB03283.D

Level: (low/med) MED Date Received: 3/17/99

% Moisture: not dec. 30.97 Date Analyzed: 3/31/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2900	U
107131	Acrylonitrile	2900	U
75650	tert-Butyl alcohol	5400	U
1634044	Methyl-tert-Butyl ether	1200	U
108203	Di-isopropyl ether	830	U
	Dichlorodifluoromethane	1700	U
74-87-3	Chloromethane	410	U
75-01-4	Vinyl Chloride	1200	U
74-83-9	Bromomethane	830	U
75-00-3	Chloroethane	1200	U
75-69-4	Trichlorofluoromethane	830	U
75-35-4	1,1-Dichloroethene	410	U
67-64-1	Acetone	830	U
75-15-0	Carbon Disulfide	410	U
75-09-2	Methylene Chloride	830	U
156-60-5	trans-1,2-Dichloroethene	830	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	830	U
71-43-2	Benzene	410	U
107-06-2	1,2-Dichloroethane	830	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	830	U
10061-01-5	cis-1,3-Dichloropropene	410	U
108-10-1	4-Methyl-2-Pentanone	830	U
108-88-3	Toluene	410	U
10061-02-6	trans-1,3-Dichloropropene	830	U
79-00-5	1,1,2-Trichloroethane	830	U
127-18-4	Tetrachloroethene	410	U
591-78-6	2-Hexanone	830	U
126-48-1	Dibromochloromethane	830	U
108-90-7	Chlorobenzene	410	U
100-41-4	Ethylbenzene	140	J

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Field Dup

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4356 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4356.17

Sample wt/vol: 8.8 (g/ml) G Lab File ID: VB03283.D

Level: (low/med) MED Date Received: 3/17/99

% Moisture: not dec. 30.97 Date Analyzed: 3/31/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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	830	U
100-42-5	Styrene	830	U
75-25-2	Bromoform	830	U
79-34-5	1,1,2,2-Tetrachloroethane	830	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Field Dup

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4356 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4356.17

Sample wt/vol: 8.8 (g/ml) G Lab File ID: VB03283.D

Level: (low/med) MED Date Received: 3/17/99

% Moisture: not dec. 30.97 Date Analyzed: 3/31/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 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

Field Dup

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4406 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4406.09

Sample wt/vol: 10.5 (g/ml) G Lab File ID: VA006095.D

Level: (low/med) MED Date Received: 4/9/99

% Moisture: not dec. 12.28 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	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

Field Dup

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4406 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4406.09

Sample wt/vol: 10.5 (g/ml) G Lab File ID: VA006095.D

Level: (low/med) MED Date Received: 4/9/99

% Moisture: not dec. 12.28 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
1330-20-7	m+p-Xylenes	810	U
1330-20-7	o-Xylene	540	U
100-42-5	Styrene	540	U
75-25-2	Bromoform	540	U
79-34-5	1,1,2,2-Tetrachloroethane	540	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Field Dup

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4406 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4406.09

Sample wt/vol: 10.5 (g/ml) G Lab File ID: VA006095.D

Level: (low/med) MED Date Received: 4/9/99

% Moisture: not dec. 12.28 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

Field Dup.

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4446 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4446.15

Sample wt/vol: 9.5 (g/ml) G Lab File ID: VA006229.D

Level: (low/med) MED Date Received: 4/27/99

% Moisture: not dec. 10.44 Date Analyzed: 5/3/99

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

Field Dup.

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4446 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4446.15

Sample wt/vol: 9.5 (g/ml) G Lab File ID: VA006229.D

Level: (low/med) MED Date Received: 4/27/99

% Moisture: not dec. 10.44 Date Analyzed: 5/3/99

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.

Field Dup.

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4446 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4446.15

Sample wt/vol: 9.5 (g/ml) G Lab File ID: VA006229.D

Level: (low/med) MED Date Received: 4/27/99

% Moisture: not dec. 10.44 Date Analyzed: 5/3/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 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

Field Dup.

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4466 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4466.15

Sample wt/vol: 9.5 (g/ml) G Lab File ID: VA006343.D

Level: (low/med) MED Date Received: 5/6/99

% Moisture: not dec. 11.96 Date Analyzed: 5/12/99

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	4600	
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

Field Dup.

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4466 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4466.15

Sample wt/vol: 9.5 (g/ml) G Lab File ID: VA006343.D

Level: (low/med) MED Date Received: 5/6/99

% Moisture: not dec. 11.96 Date Analyzed: 5/12/99

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.

Field Dup.

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4466 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4466.15

Sample wt/vol: 9.5 (g/ml) G Lab File ID: VA006343.D

Level: (low/med) MED Date Received: 5/6/99

% Moisture: not dec. 11.96 Date Analyzed: 5/12/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 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

Field Dup.

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4495 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4472.33

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VA006420.D

Level: (low/med) MED Date Received: 5/10/99

% Moisture: not dec. 12.04 Date Analyzed: 5/18/99

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	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

Field Dup.

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4495 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4472.33

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VA006420.D

Level: (low/med) MED Date Received: 5/10/99

% Moisture: not dec. 12.04 Date Analyzed: 5/18/99

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.

Field Dup.

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4495 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4472.33

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VA006420.D

Level: (low/med) MED Date Received: 5/10/99

% Moisture: not dec. 12.04 Date Analyzed: 5/18/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 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	9.33	4600	J
2. 000110-54-3	Hexane	10.09	5300	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Field Dup

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4485 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4485.29

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VA006497.D

Level: (low/med) MED Date Received: 5/14/99

% Moisture: not dec. 11.62 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	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

Field Dup

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4485 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4485.29

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VA006497.D

Level: (low/med) MED Date Received: 5/14/99

% Moisture: not dec. 11.62 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.

Field Dup

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4485 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4485.29

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VA006497.D

Level: (low/med) MED Date Received: 5/14/99

% Moisture: not dec. 11.62 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. 000110-54-3	Hexane	10.10	4400	JN

1A

FIELD ID

VOLATILE ORGANICS ANALYSIS DATA SHEET

Field Dup.

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4530 Location M-2 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4530.19

Sample wt/vol: 11.4 (g/ml) G Lab File ID: VA006614.D

Level: (low/med) MED Date Received: 6/2/99

% Moisture: not dec. 6.9 Date Analyzed: 6/10/99

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	1700	U
107131	Acrylonitrile	1700	U
75650	tert-Butyl alcohol	3100	U
1634044	Methyl-tert-Butyl ether	710	U
108203	Di-isopropyl ether	470	U
	Dichlorodifluoromethane	950	U
74-87-3	Chloromethane	240	U
75-01-4	Vinyl Chloride	710	U
74-83-9	Bromomethane	470	U
75-00-3	Chloroethane	710	U
75-69-4	Trichlorofluoromethane	470	U
75-35-4	1,1-Dichloroethene	240	U
67-64-1	Acetone	470	U
75-15-0	Carbon Disulfide	240	U
75-09-2	Methylene Chloride	470	U
156-60-5	trans-1,2-Dichloroethene	470	U
75-35-3	1,1-Dichloroethane	240	U
108-05-4	Vinyl Acetate	710	U
78-93-3	2-Butanone	710	U
	cis-1,2-Dichloroethene	240	U
67-66-3	Chloroform	240	U
75-55-6	1,1,1-Trichloroethane	240	U
56-23-5	Carbon Tetrachloride	470	U
71-43-2	Benzene	240	U
107-06-2	1,2-Dichloroethane	470	U
79-01-6	Trichloroethene	240	U
78-87-5	1,2-Dichloropropane	240	U
75-27-4	Bromodichloromethane	240	U
110-75-8	2-Chloroethyl vinyl ether	470	U
10061-01-5	cis-1,3-Dichloropropene	240	U
108-10-1	4-Methyl-2-Pentanone	470	U
108-88-3	Toluene	240	U
10061-02-6	trans-1,3-Dichloropropene	470	U
79-00-5	1,1,2-Trichloroethane	470	U
127-18-4	Tetrachloroethene	240	U
591-78-6	2-Hexanone	470	U
126-48-1	Dibromochloromethane	470	U
108-90-7	Chlorobenzene	240	U
100-41-4	Ethylbenzene	470	U

1A

FIELD ID

VOLATILE ORGANICS ANALYSIS DATA SHEET

Field Dup.

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4530 Location M-2 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4530.19

Sample wt/vol: 11.4 (g/ml) G Lab File ID: VA006614.D

Level: (low/med) MED Date Received: 6/2/99

% Moisture: not dec. 6.9 Date Analyzed: 6/10/99

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	710	U
1330-20-7	o-Xylene	470	U
100-42-5	Styrene	470	U
75-25-2	Bromoform	470	U
79-34-5	1,1,2,2-Tetrachloroethane	470	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Dup.**

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4530 Location M-2 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4530.19

Sample wt/vol: 11.4 (g/ml) G Lab File ID: VA006614.D

Level: (low/med) MED Date Received: 6/2/99

% Moisture: not dec. 6.9 Date Analyzed: 6/10/99

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

M2-5

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4286 SDG No: Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4286.05

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB02785.D

Level: (low/med) MED Date Received: 2/19/99

% Moisture: not dec. 10.22 Date Analyzed: 2/25/99

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	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

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

M2-5

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4286 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4286.05

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB02785.D

Level: (low/med) MED Date Received: 2/19/99

% Moisture: not dec. 10.22 Date Analyzed: 2/25/99

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
100-41-4	Ethylbenzene	560	U
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.

M2-5

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4286 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4286.05

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB02785.D

Level: (low/med) MED Date Received: 2/19/99

% Moisture: not dec. 10.22 Date Analyzed: 2/25/99

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

M2-6

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4286 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4286.07

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VB02786.D

Level: (low/med) MED Date Received: 2/19/99

% Moisture: not dec. 9.88 Date Analyzed: 2/25/99

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

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

M2-6

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4286 SDG No: Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4286.07

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VB02786.D

Level: (low/med) MED Date Received: 2/19/99

% Moisture: not dec. 9.88 Date Analyzed: 2/25/99

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
100-41-4	Ethylbenzene	570	U
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.

M2-6

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4286 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4286.07

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VB02786.D

Level: (low/med) MED Date Received: 2/19/99

% Moisture: not dec. 9.88 Date Analyzed: 2/25/99

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

M-2 13

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4295 SDG No: Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4295.03

Sample wt/vol: 9.0 (g/ml) G Lab File ID: VB02859.D

Level: (low/med) MED Date Received: 2/23/99

% Moisture: not dec. 8.61 Date Analyzed: 3/8/99

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	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

M-2 13

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4295 SDG No: Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4295.03

Sample wt/vol: 9.0 (g/ml) G Lab File ID: VB02859.D

Level: (low/med) MED Date Received: 2/23/99

% Moisture: not dec. 8.61 Date Analyzed: 3/8/99

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	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.

M-2 13

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4295 SDG No: Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4295.03

Sample wt/vol: 9.0 (g/ml) G Lab File ID: VB02859.D

Level: (low/med) MED Date Received: 2/23/99

% Moisture: not dec. 8.61 Date Analyzed: 3/8/99

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

M-2 14

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4295 SDG No: Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4295.05

Sample wt/vol: 9.3 (g/ml) G Lab File ID: VB02860.D

Level: (low/med) MED Date Received: 2/23/99

% Moisture: not dec. 19.65 Date Analyzed: 3/8/99

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	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

M-2 14

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4295 SDG No: Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4295.05

Sample wt/vol: 9.3 (g/ml) G Lab File ID: VB02860.D

Level: (low/med) MED Date Received: 2/23/99

% Moisture: not dec. 19.65 Date Analyzed: 3/8/99

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	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.

M-2 14

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4295 SDG No: Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4295.05

Sample wt/vol: 9.3 (g/ml) G Lab File ID: VB02860.D

Level: (low/med) MED Date Received: 2/23/99

% Moisture: not dec. 19.65 Date Analyzed: 3/8/99

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

M-2 15

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4295 SDG No: Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4295.07

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB02861.D

Level: (low/med) MED Date Received: 2/23/99

% Moisture: not dec. 14.76 Date Analyzed: 3/8/99

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	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-2 15

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4295 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4295.07

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB02861.D

Level: (low/med) MED Date Received: 2/23/99

% Moisture: not dec. 14.76 Date Analyzed: 3/8/99

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	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-2 15

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4295 SDG No: Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4295.07

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB02861.D

Level: (low/med) MED Date Received: 2/23/99

% Moisture: not dec. 14.76 Date Analyzed: 3/8/99

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

M-2 19

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4298 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4298.03

Sample wt/vol: 9.5 (g/ml) G Lab File ID: VB02863.D

Level: (low/med) MED Date Received: 2/24/99

% Moisture: not dec. 9.28 Date Analyzed: 3/8/99

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	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

M-2 19

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4298 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4298.03

Sample wt/vol: 9.5 (g/ml) G Lab File ID: VB02863.D

Level: (low/med) MED Date Received: 2/24/99

% Moisture: not dec. 9.28 Date Analyzed: 3/8/99

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	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-2 19

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4298 SDG No: Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4298.03

Sample wt/vol: 9.5 (g/ml) G Lab File ID: VB02863.D

Level: (low/med) MED Date Received: 2/24/99

% Moisture: not dec. 9.28 Date Analyzed: 3/8/99

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

M-2 20

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4298 SDG No: Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4298.05

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VB02864.D

Level: (low/med) MED Date Received: 2/24/99

% Moisture: not dec. 8.13 Date Analyzed: 3/8/99

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	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-2 20

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4298 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4298.05

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VB02864.D

Level: (low/med) MED Date Received: 2/24/99

% Moisture: not dec. 8.13 Date Analyzed: 3/8/99

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	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-2 20

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4298 SDG No: Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4298.05

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VB02864.D

Level: (low/med) MED Date Received: 2/24/99

% Moisture: not dec. 8.13 Date Analyzed: 3/8/99

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

M-2 21

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4298 SDG No: Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4298.07

Sample wt/vol: 10.4 (g/ml) G Lab File ID: VB02865.D

Level: (low/med) MED Date Received: 2/24/99

% Moisture: not dec. 13.24 Date Analyzed: 3/8/99

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	680	
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-2 21

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4298 SDG No: Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4298.07

Sample wt/vol: 10.4 (g/ml) G Lab File ID: VB02865.D

Level: (low/med) MED Date Received: 2/24/99

% Moisture: not dec. 13.24 Date Analyzed: 3/8/99

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.

M-2 21

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4298 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4298.07

Sample wt/vol: 10.4 (g/ml) G Lab File ID: VB02865.D

Level: (low/med) MED Date Received: 2/24/99

% Moisture: not dec. 13.24 Date Analyzed: 3/8/99

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

M-2 25

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4298 SDG No: Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4298.09

Sample wt/vol: 9.2 (g/ml) G Lab File ID: VB02866.D

Level: (low/med) MED Date Received: 2/24/99

% Moisture: not dec. 6.73 Date Analyzed: 3/8/99

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	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

M-2 25

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4298 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4298.09

Sample wt/vol: 9.2 (g/ml) G Lab File ID: VB02866.D

Level: (low/med) MED Date Received: 2/24/99

% Moisture: not dec. 6.73 Date Analyzed: 3/8/99

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	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.

M-2 25

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4298 SDG No: Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4298.09

Sample wt/vol: 9.2 (g/ml) G Lab File ID: VB02866.D

Level: (low/med) MED Date Received: 2/24/99

% Moisture: not dec. 6.73 Date Analyzed: 3/8/99

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

M-2 26

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4298 SDG No: Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4298.11

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VB02867.D

Level: (low/med) MED Date Received: 2/24/99

% Moisture: not dec. 8.73 Date Analyzed: 3/8/99

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	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-2 26

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4298 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4298.11

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VB02867.D

Level: (low/med) MED Date Received: 2/24/99

% Moisture: not dec. 8.73 Date Analyzed: 3/8/99

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	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-2 26

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4298 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4298.11

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VB02867.D

Level: (low/med) MED Date Received: 2/24/99

% Moisture: not dec. 8.73 Date Analyzed: 3/8/99

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

M-2 27

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4298 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4298.13

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB02874.D

Level: (low/med) MED Date Received: 2/24/99

% Moisture: not dec. 28.95 Date Analyzed: 3/9/99

GC Column: RTX502. 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

M-2 27

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4298 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4298.13

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB02874.D

Level: (low/med) MED Date Received: 2/24/99

% Moisture: not dec. 28.95 Date Analyzed: 3/9/99

GC Column: RTX502. 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	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-2 27**

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4298 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4298.13

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB02874.D

Level: (low/med) MED Date Received: 2/24/99

% Moisture: not dec. 28.95 Date Analyzed: 3/9/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 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-2 31

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4327 SDG No: Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4327.03

Sample wt/vol: 10.4 (g/ml) G Lab File ID: VB02945Q.D

Level: (low/med) MED Date Received: 3/8/99

% Moisture: not dec. 46.94 Date Analyzed: 3/11/99

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	3200	U
107131	Acrylonitrile	3200	U
75650	tert-Butyl alcohol	5900	U
1634044	Methyl-tert-Butyl ether	1400	U
108203	Di-isopropyl ether	910	U
	Dichlorodifluoromethane	1800	U
74-87-3	Chloromethane	460	U
75-01-4	Vinyl Chloride	1400	U
74-83-9	Bromomethane	910	U
75-00-3	Chloroethane	1400	U
75-69-4	Trichlorofluoromethane	910	U
75-35-4	1,1-Dichloroethene	460	U
67-64-1	Acetone	910	U
75-15-0	Carbon Disulfide	460	U
75-09-2	Methylene Chloride	8100	
156-60-5	trans-1,2-Dichloroethene	910	U
75-35-3	1,1-Dichloroethane	460	U
108-05-4	Vinyl Acetate	1400	U
78-93-3	2-Butanone	1400	U
	cis-1,2-Dichloroethene	460	U
67-66-3	Chloroform	460	U
75-55-6	1,1,1-Trichloroethane	460	U
56-23-5	Carbon Tetrachloride	910	U
71-43-2	Benzene	460	U
107-06-2	1,2-Dichloroethane	910	U
79-01-6	Trichloroethene	460	U
78-87-5	1,2-Dichloropropane	460	U
75-27-4	Bromodichloromethane	460	U
110-75-8	2-Chloroethyl vinyl ether	910	U
10061-01-5	cis-1,3-Dichloropropene	460	U
108-10-1	4-Methyl-2-Pentanone	910	U
108-88-3	Toluene	460	U
10061-02-6	trans-1,3-Dichloropropene	910	U
79-00-5	1,1,2-Trichloroethane	910	U
127-18-4	Tetrachloroethene	460	U
591-78-6	2-Hexanone	910	U
126-48-1	Dibromochloromethane	910	U
108-90-7	Chlorobenzene	460	U
100-41-4	Ethylbenzene	910	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

M-2 31

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4327 SDG No: Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4327.03

Sample wt/vol: 10.4 (g/ml) G Lab File ID: VB02945Q.D

Level: (low/med) MED Date Received: 3/8/99

% Moisture: not dec. 46.94 Date Analyzed: 3/11/99

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	910	U
100-42-5	Styrene	910	U
75-25-2	Bromoform	910	U
79-34-5	1,1,2,2-Tetrachloroethane	910	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

M-2 31

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4327 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4327.03

Sample wt/vol: 10.4 (g/ml) G Lab File ID: VB02945Q.D

Level: (low/med) MED Date Received: 3/8/99

% Moisture: not dec. 46.94 Date Analyzed: 3/11/99

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

M-2 32

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4327 SDG No: Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4327.05

Sample wt/vol: 9.4 (g/ml) G Lab File ID: VB02946Q.D

Level: (low/med) MED Date Received: 3/8/99

% Moisture: not dec. 29.28 Date Analyzed: 3/11/99

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	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	1500	
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

M-2 32

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4327 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4327.05

Sample wt/vol: 9.4 (g/ml) G Lab File ID: VB02946Q.D

Level: (low/med) MED Date Received: 3/8/99

% Moisture: not dec. 29.28 Date Analyzed: 3/11/99

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.

M-2 32

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4327 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4327.05

Sample wt/vol: 9.4 (g/ml) G Lab File ID: VB02946Q.D

Level: (low/med) MED Date Received: 3/8/99

% Moisture: not dec. 29.28 Date Analyzed: 3/11/99

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

M-2 33

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4327 SDG No: Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4327.07

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB02947Q.D

Level: (low/med) MED Date Received: 3/8/99

% Moisture: not dec. 12.22 Date Analyzed: 3/11/99

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	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	1800	
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-2 33

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4327 SDG No: Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4327.07

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB02947Q.D

Level: (low/med) MED Date Received: 3/8/99

% Moisture: not dec. 12.22 Date Analyzed: 3/11/99

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	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-2 33

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4327 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4327.07

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB02947Q.D

Level: (low/med) MED Date Received: 3/8/99

% Moisture: not dec. 12.22 Date Analyzed: 3/11/99

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

34

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4331 SDG No: Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4331.03

Sample wt/vol: 9.4 (g/ml) G Lab File ID: VB02974.D

Level: (low/med) MED Date Received: 3/9/99

% Moisture: not dec. 8.86 Date Analyzed: 3/12/99

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	1200	
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

34

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4331 SDG No: Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4331.03

Sample wt/vol: 9.4 (g/ml) G Lab File ID: VB02974.D

Level: (low/med) MED Date Received: 3/9/99

% Moisture: not dec. 8.86 Date Analyzed: 3/12/99

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. **34**

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4331 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4331.03

Sample wt/vol: 9.4 (g/ml) G Lab File ID: VB02974.D

Level: (low/med) MED Date Received: 3/9/99

% Moisture: not dec. 8.86 Date Analyzed: 3/12/99

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

35

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4331 SDG No: Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4331.05

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VB02975.D

Level: (low/med) MED Date Received: 3/9/99

% Moisture: not dec. 18.69 Date Analyzed: 3/12/99

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	1500	
100-41-4	Ethylbenzene	640	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

35

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4331 SDG No: Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4331.05

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VB02975.D

Level: (low/med) MED Date Received: 3/9/99

% Moisture: not dec. 18.69 Date Analyzed: 3/12/99

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. 35

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4331 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4331.05

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VB02975.D

Level: (low/med) MED Date Received: 3/9/99

% Moisture: not dec. 18.69 Date Analyzed: 3/12/99

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

36

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4331 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4331.07

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB02976.D

Level: (low/med) MED Date Received: 3/9/99

% Moisture: not dec. 10.9 Date Analyzed: 3/12/99

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	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

36

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4331 SDG No: Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4331.07

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB02976.D

Level: (low/med) MED Date Received: 3/9/99

% Moisture: not dec. 10.9 Date Analyzed: 3/12/99

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	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. 36

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4331 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4331.07

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB02976.D

Level: (low/med) MED Date Received: 3/9/99

% Moisture: not dec. 10.9 Date Analyzed: 3/12/99

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

37

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4331 SDG No: Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4331.09

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VB02977.D

Level: (low/med) MED Date Received: 3/9/99

% Moisture: not dec. 18.96 Date Analyzed: 3/12/99

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

37

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4331 SDG No: Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4331.09

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VB02977.D

Level: (low/med) MED Date Received: 3/9/99

% Moisture: not dec. 18.96 Date Analyzed: 3/12/99

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.

37

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4331 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4331.09

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VB02977.D

Level: (low/med) MED Date Received: 3/9/99

% Moisture: not dec. 18.96 Date Analyzed: 3/12/99

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

38

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4335 SDG No: Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4335.03

Sample wt/vol: 10.5 (g/ml) G Lab File ID: VB03071.D

Level: (low/med) MED Date Received: 3/10/99

% Moisture: not dec. 16.6 Date Analyzed: 3/18/99

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

38

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4335 SDG No: Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4335.03

Sample wt/vol: 10.5 (g/ml) G Lab File ID: VB03071.D

Level: (low/med) MED Date Received: 3/10/99

% Moisture: not dec. 16.6 Date Analyzed: 3/18/99

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. 38

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4335 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4335.03

Sample wt/vol: 10.5 (g/ml) G Lab File ID: VB03071.D

Level: (low/med) MED Date Received: 3/10/99

% Moisture: not dec. 16.6 Date Analyzed: 3/18/99

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

39

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4335 SDG No: Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4335.05

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB03072.D

Level: (low/med) MED Date Received: 3/10/99

% Moisture: not dec. 9.91 Date Analyzed: 3/18/99

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	580	
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

39

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4335 SDG No: Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4335.05

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB03072.D

Level: (low/med) MED Date Received: 3/10/99

% Moisture: not dec. 9.91 Date Analyzed: 3/18/99

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	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.

39

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4335 SDG No: Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4335.05

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB03072.D

Level: (low/med) MED Date Received: 3/10/99

% Moisture: not dec. 9.91 Date Analyzed: 3/18/99

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

40

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4335 SDG No: Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4335.07

Sample wt/vol: 10.5 (g/ml) G Lab File ID: VB03073.D

Level: (low/med) MED Date Received: 3/10/99

% Moisture: not dec. 13.55 Date Analyzed: 3/18/99

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

40

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4335 SDG No: Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4335.07

Sample wt/vol: 10.5 (g/ml) G Lab File ID: VB03073.D

Level: (low/med) MED Date Received: 3/10/99

% Moisture: not dec. 13.55 Date Analyzed: 3/18/99

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. 40

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4335 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4335.07

Sample wt/vol: 10.5 (g/ml) G Lab File ID: VB03073.D

Level: (low/med) MED Date Received: 3/10/99

% Moisture: not dec. 13.55 Date Analyzed: 3/18/99

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

41

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4335 SDG No: Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4335.09

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB03074.D

Level: (low/med) MED Date Received: 3/10/99

% Moisture: not dec. 7.14 Date Analyzed: 3/18/99

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

41

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4335 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4335.09

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB03074.D

Level: (low/med) MED Date Received: 3/10/99

% Moisture: not dec. 7.14 Date Analyzed: 3/18/99

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	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. 41

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4335 SDG No: Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4335.09

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB03074.D

Level: (low/med) MED Date Received: 3/10/99

% Moisture: not dec. 7.14 Date Analyzed: 3/18/99

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

42

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4335 SDG No: Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4335.11

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VB03075.D

Level: (low/med) MED Date Received: 3/10/99

% Moisture: not dec. 13.6 Date Analyzed: 3/18/99

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	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

42

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4335 SDG No: Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4335.11

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VB03075.D

Level: (low/med) MED Date Received: 3/10/99

% Moisture: not dec. 13.6 Date Analyzed: 3/18/99

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	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. 42

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4335 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4335.11

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VB03075.D

Level: (low/med) MED Date Received: 3/10/99

% Moisture: not dec. 13.6 Date Analyzed: 3/18/99

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 # 13561

Project: 980211 Case No.: 4340 SDG No: Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4340.03

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VB03077.D

Level: (low/med) MED Date Received: 3/11/99

% Moisture: not dec. 24.41 Date Analyzed: 3/18/99

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	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

43

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4340 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4340.03

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VB03077.D

Level: (low/med) MED Date Received: 3/11/99

% Moisture: not dec. 24.41 Date Analyzed: 3/18/99

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.

43

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4340 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4340.03

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VB03077.D

Level: (low/med) MED Date Received: 3/11/99

% Moisture: not dec. 24.41 Date Analyzed: 3/18/99

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

44

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4340 SDG No: Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4340.05

Sample wt/vol: 11.0 (g/ml) G Lab File ID: VB03078.D

Level: (low/med) MED Date Received: 3/11/99

% Moisture: not dec. 14.05 Date Analyzed: 3/18/99

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

44

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4340 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4340.05

Sample wt/vol: 11.0 (g/ml) G Lab File ID: VB03078.D

Level: (low/med) MED Date Received: 3/11/99

% Moisture: not dec. 14.05 Date Analyzed: 3/18/99

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.

44

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4340 SDG No: Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4340.05

Sample wt/vol: 11.0 (g/ml) G Lab File ID: VB03078.D

Level: (low/med) MED Date Received: 3/11/99

% Moisture: not dec. 14.05 Date Analyzed: 3/18/99

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

45

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4349 SDG No: Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4349.03

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB03103.D

Level: (low/med) MED Date Received: 3/16/99

% Moisture: not dec. 15.85 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)

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

45

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4349 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4349.03

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB03103.D

Level: (low/med) MED Date Received: 3/16/99

% Moisture: not dec. 15.85 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)

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	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.

45

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4349 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4349.03

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB03103.D

Level: (low/med) MED Date Received: 3/16/99

% Moisture: not dec. 15.85 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

46

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4349 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4349.05

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VB03104.D

Level: (low/med) MED Date Received: 3/16/99

% Moisture: not dec. 24.98 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)

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

46

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4349 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4349.05

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VB03104.D

Level: (low/med) MED Date Received: 3/16/99

% Moisture: not dec. 24.98 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)

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.

46

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4349 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4349.05

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VB03104.D

Level: (low/med) MED Date Received: 3/16/99

% Moisture: not dec. 24.98 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

47

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4349 SDG No: Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4349.07

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VB03105.D

Level: (low/med) MED Date Received: 3/16/99

% Moisture: not dec. 4.04 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)

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

47

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4349 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4349.07

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VB03105.D

Level: (low/med) MED Date Received: 3/16/99

% Moisture: not dec. 4.04 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)

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. 47

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4349 SDG No: Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4349.07

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VB03105.D

Level: (low/med) MED Date Received: 3/16/99

% Moisture: not dec. 4.04 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

48

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4349 SDG No: Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4349.09

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VB03106.D

Level: (low/med) MED Date Received: 3/16/99

% Moisture: not dec. 11.72 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)

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

48

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4349 SDG No: Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4349.09

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VB03106.D

Level: (low/med) MED Date Received: 3/16/99

% Moisture: not dec. 11.72 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)

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.

48

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4349 SDG No: Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4349.09

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VB03106.D

Level: (low/med) MED Date Received: 3/16/99

% Moisture: not dec. 11.72 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

49

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4356 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4356.03

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VA005924.D

Level: (low/med) MED Date Received: 3/17/99

% Moisture: not dec. 17.95 Date Analyzed: 3/30/99

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

49

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4356 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4356.03

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VA005924.D

Level: (low/med) MED Date Received: 3/17/99

% Moisture: not dec. 17.95 Date Analyzed: 3/30/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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. 49

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4356 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4356.03

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VA005924.D

Level: (low/med) MED Date Received: 3/17/99

% Moisture: not dec. 17.95 Date Analyzed: 3/30/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 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	10.61	5500	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

50

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4356 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4356.05

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA005925.D

Level: (low/med) MED Date Received: 3/17/99

% Moisture: not dec. 14.27 Date Analyzed: 3/30/99

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

50

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4356 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4356.05

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA005925.D

Level: (low/med) MED Date Received: 3/17/99

% Moisture: not dec. 14.27 Date Analyzed: 3/30/99

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.

50

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4356 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4356.05

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA005925.D

Level: (low/med) MED Date Received: 3/17/99

% Moisture: not dec. 14.27 Date Analyzed: 3/30/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 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	10.62	15000	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

51

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4356 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4356.07

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VA005926.D

Level: (low/med) MED Date Received: 3/17/99

% Moisture: not dec. 8.04 Date Analyzed: 3/30/99

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

51

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4356 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4356.07

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VA005926.D

Level: (low/med) MED Date Received: 3/17/99

% Moisture: not dec. 8.04 Date Analyzed: 3/30/99

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. 51

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4356 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4356.07

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VA005926.D

Level: (low/med) MED Date Received: 3/17/99

% Moisture: not dec. 8.04 Date Analyzed: 3/30/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 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.: 4356 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4356.09

Sample wt/vol: 8.6 (g/ml) G Lab File ID: VA005927.D

Level: (low/med) MED Date Received: 3/17/99

% Moisture: not dec. 31.88 Date Analyzed: 3/30/99

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	3000	U
107131	Acrylonitrile	3000	U
75650	tert-Butyl alcohol	5600	U
1634044	Methyl-tert-Butyl ether	1300	U
108203	Di-isopropyl ether	850	U
	Dichlorodifluoromethane	1700	U
74-87-3	Chloromethane	430	U
75-01-4	Vinyl Chloride	1300	U
74-83-9	Bromomethane	850	U
75-00-3	Chloroethane	1300	U
75-69-4	Trichlorofluoromethane	850	U
75-35-4	1,1-Dichloroethene	430	U
67-64-1	Acetone	850	U
75-15-0	Carbon Disulfide	430	U
75-09-2	Methylene Chloride	850	U
156-60-5	trans-1,2-Dichloroethene	850	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	850	U
71-43-2	Benzene	430	U
107-06-2	1,2-Dichloroethane	850	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	850	U
10061-01-5	cis-1,3-Dichloropropene	430	U
108-10-1	4-Methyl-2-Pentanone	850	U
108-88-3	Toluene	430	U
10061-02-6	trans-1,3-Dichloropropene	850	U
79-00-5	1,1,2-Trichloroethane	850	U
127-18-4	Tetrachloroethene	430	U
591-78-6	2-Hexanone	850	U
126-48-1	Dibromochloromethane	850	U
108-90-7	Chlorobenzene	430	U
100-41-4	Ethylbenzene	850	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

52

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4356 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4356.09

Sample wt/vol: 8.6 (g/ml) G Lab File ID: VA005927.D

Level: (low/med) MED Date Received: 3/17/99

% Moisture: not dec. 31.88 Date Analyzed: 3/30/99

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	1300	U
1330-20-7	o-Xylene	850	U
100-42-5	Styrene	850	U
75-25-2	Bromoform	850	U
79-34-5	1,1,2,2-Tetrachloroethane	850	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID. 52

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4356 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4356.09

Sample wt/vol: 8.6 (g/ml) G Lab File ID: VA005927.D

Level: (low/med) MED Date Received: 3/17/99

% Moisture: not dec. 31.88 Date Analyzed: 3/30/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 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	10.62	14000	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

53

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4356 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4356.11

Sample wt/vol: 10.5 (g/ml) G Lab File ID: VA005928.D

Level: (low/med) MED Date Received: 3/17/99

% Moisture: not dec. 14.42 Date Analyzed: 3/30/99

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

53

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4356 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4356.11

Sample wt/vol: 10.5 (g/ml) G Lab File ID: VA005928.D

Level: (low/med) MED Date Received: 3/17/99

% Moisture: not dec. 14.42 Date Analyzed: 3/30/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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. 53

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4356 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4356.11

Sample wt/vol: 10.5 (g/ml) G Lab File ID: VA005928.D

Level: (low/med) MED Date Received: 3/17/99

% Moisture: not dec. 14.42 Date Analyzed: 3/30/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 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	10.63	8000	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

54

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4356 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4356.13

Sample wt/vol: 10.5 (g/ml) G Lab File ID: VB03284.D

Level: (low/med) MED Date Received: 3/17/99

% Moisture: not dec. 4.89 Date Analyzed: 3/31/99

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	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

54

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4356 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4356.13

Sample wt/vol: 10.5 (g/ml) G Lab File ID: VB03284.D

Level: (low/med) MED Date Received: 3/17/99

% Moisture: not dec. 4.89 Date Analyzed: 3/31/99

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. 54

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4356 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4356.13

Sample wt/vol: 10.5 (g/ml) G Lab File ID: VB03284.D

Level: (low/med) MED Date Received: 3/17/99

% Moisture: not dec. 4.89 Date Analyzed: 3/31/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 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

55

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4356 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4356.15

Sample wt/vol: 10.5 (g/ml) G Lab File ID: VA005930.D

Level: (low/med) MED Date Received: 3/17/99

% Moisture: not dec. 19.22 Date Analyzed: 3/30/99

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

55

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4356 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4356.15

Sample wt/vol: 10.5 (g/ml) G Lab File ID: VA005930.D

Level: (low/med) MED Date Received: 3/17/99

% Moisture: not dec. 19.22 Date Analyzed: 3/30/99

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	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. 55

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4356 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4356.15

Sample wt/vol: 10.5 (g/ml) G Lab File ID: VA005930.D

Level: (low/med) MED Date Received: 3/17/99

% Moisture: not dec. 19.22 Date Analyzed: 3/30/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 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	10.62	9600	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

56

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4359 SDG No: Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4359.03

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB03268.D

Level: (low/med) MED Date Received: 3/18/99

% Moisture: not dec. 31.64 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

56

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4359 SDG No: Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4359.03

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB03268.D

Level: (low/med) MED Date Received: 3/18/99

% Moisture: not dec. 31.64 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. 56

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4359 SDG No: Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4359.03

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB03268.D

Level: (low/med) MED Date Received: 3/18/99

% Moisture: not dec. 31.64 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

57

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4359 SDG No: Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4359.05

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VB03269.D

Level: (low/med) MED Date Received: 3/18/99

% Moisture: not dec. 10.66 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	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

57

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4359 SDG No: Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4359.05

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VB03269.D

Level: (low/med) MED Date Received: 3/18/99

% Moisture: not dec. 10.66 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	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. 57

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4359 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4359.05

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VB03269.D

Level: (low/med) MED Date Received: 3/18/99

% Moisture: not dec. 10.66 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

58

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4359 SDG No: Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4359.07

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VB03270.D

Level: (low/med) MED Date Received: 3/18/99

% Moisture: not dec. 15.6 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	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

58

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4359 SDG No: Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4359.07

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VB03270.D

Level: (low/med) MED Date Received: 3/18/99

% Moisture: not dec. 15.6 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	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. 58

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4359 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4359.07

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VB03270.D

Level: (low/med) MED Date Received: 3/18/99

% Moisture: not dec. 15.6 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

59

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4359 SDG No: Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4359.09

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VB03271.D

Level: (low/med) MED Date Received: 3/18/99

% Moisture: not dec. 22.3 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	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

59

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4359 SDG No: Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4359.09

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VB03271.D

Level: (low/med) MED Date Received: 3/18/99

% Moisture: not dec. 22.3 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	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. 59

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4359 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4359.09

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VB03271.D

Level: (low/med) MED Date Received: 3/18/99

% Moisture: not dec. 22.3 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

59A

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4367 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4367.03

Sample wt/vol: 10.5 (g/ml) G Lab File ID: VA005989.D

Level: (low/med) MED Date Received: 3/23/99

% Moisture: not dec. 12.06 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	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

59A

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4367 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4367.03

Sample wt/vol: 10.5 (g/ml) G Lab File ID: VA005989.D

Level: (low/med) MED Date Received: 3/23/99

% Moisture: not dec. 12.06 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	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.

59A

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4367 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4367.03

Sample wt/vol: 10.5 (g/ml) G Lab File ID: VA005989.D

Level: (low/med) MED Date Received: 3/23/99

% Moisture: not dec. 12.06 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

60

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4367 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4367.05

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VA005972.D

Level: (low/med) MED Date Received: 3/23/99

% Moisture: not dec. 7.75 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	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	1000	
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

60

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4367 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4367.05

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VA005972.D

Level: (low/med) MED Date Received: 3/23/99

% Moisture: not dec. 7.75 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	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. 60

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4367 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4367.05

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VA005972.D

Level: (low/med) MED Date Received: 3/23/99

% Moisture: not dec. 7.75 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

61

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4367 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4367.07

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VA005973.D

Level: (low/med) MED Date Received: 3/23/99

% Moisture: not dec. 5.74 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	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	920	
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

61

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4367 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4367.07

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VA005973.D

Level: (low/med) MED Date Received: 3/23/99

% Moisture: not dec. 5.74 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	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. 61

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4367 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4367.07

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VA005973.D

Level: (low/med) MED Date Received: 3/23/99

% Moisture: not dec. 5.74 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

62

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4367 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4367.09

Sample wt/vol: 9.0 (g/ml) G Lab File ID: VA005974.D

Level: (low/med) MED Date Received: 3/23/99

% Moisture: not dec. 18.66 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	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	1300	
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

62

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4367 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4367.09

Sample wt/vol: 9.0 (g/ml) G Lab File ID: VA005974.D

Level: (low/med) MED Date Received: 3/23/99

% Moisture: not dec. 18.66 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	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. 62

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4367 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4367.09

Sample wt/vol: 9.0 (g/ml) G Lab File ID: VA005974.D

Level: (low/med) MED Date Received: 3/23/99

% Moisture: not dec. 18.66 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

63

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4367 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4367.11

Sample wt/vol: 10.4 (g/ml) G Lab File ID: VA005975.D

Level: (low/med) MED Date Received: 3/23/99

% Moisture: not dec. 19.98 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	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

63

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4367 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4367.11

Sample wt/vol: 10.4 (g/ml) G Lab File ID: VA005975.D

Level: (low/med) MED Date Received: 3/23/99

% Moisture: not dec. 19.98 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	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. 63

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4367 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4367.11

Sample wt/vol: 10.4 (g/ml) G Lab File ID: VA005975.D

Level: (low/med) MED Date Received: 3/23/99

% Moisture: not dec. 19.98 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

64

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4367 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4367.13

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VA005976.D

Level: (low/med) MED Date Received: 3/23/99

% Moisture: not dec. 55.48 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	3800	U
107131	Acrylonitrile	3800	U
75650	tert-Butyl alcohol	7100	U
1634044	Methyl-tert-Butyl ether	1600	U
108203	Di-isopropyl ether	1100	U
	Dichlorodifluoromethane	2200	U
74-87-3	Chloromethane	550	U
75-01-4	Vinyl Chloride	1600	U
74-83-9	Bromomethane	1100	U
75-00-3	Chloroethane	1600	U
75-69-4	Trichlorofluoromethane	1100	U
75-35-4	1,1-Dichloroethene	550	U
67-64-1	Acetone	1100	U
75-15-0	Carbon Disulfide	550	U
75-09-2	Methylene Chloride	1900	
156-60-5	trans-1,2-Dichloroethene	1100	U
75-35-3	1,1-Dichloroethane	550	U
108-05-4	Vinyl Acetate	1600	U
78-93-3	2-Butanone	1600	U
	cis-1,2-Dichloroethene	550	U
67-66-3	Chloroform	550	U
75-55-6	1,1,1-Trichloroethane	550	U
56-23-5	Carbon Tetrachloride	1100	U
71-43-2	Benzene	550	U
107-06-2	1,2-Dichloroethane	1100	U
79-01-6	Trichloroethene	550	U
78-87-5	1,2-Dichloropropane	550	U
75-27-4	Bromodichloromethane	550	U
110-75-8	2-Chloroethyl vinyl ether	1100	U
10061-01-5	cis-1,3-Dichloropropene	550	U
108-10-1	4-Methyl-2-Pentanone	1100	U
108-88-3	Toluene	550	U
10061-02-6	trans-1,3-Dichloropropene	1100	U
79-00-5	1,1,2-Trichloroethane	1100	U
127-18-4	Tetrachloroethene	550	U
591-78-6	2-Hexanone	1100	U
126-48-1	Dibromochloromethane	1100	U
108-90-7	Chlorobenzene	550	U
100-41-4	Ethylbenzene	1100	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

64

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4367 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4367.13

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VA005976.D

Level: (low/med) MED Date Received: 3/23/99

% Moisture: not dec. 55.48 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	1600	U
1330-20-7	o-Xylene	1100	U
100-42-5	Styrene	1100	U
75-25-2	Bromoform	1100	U
79-34-5	1,1,2,2-Tetrachloroethane	1100	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID. 64

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4367 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4367.13

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VA005976.D

Level: (low/med) MED Date Received: 3/23/99

% Moisture: not dec. 55.48 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

65

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4367 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4367.15

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VA005990.D

Level: (low/med) MED Date Received: 3/23/99

% Moisture: not dec. 8.7 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	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	1300	
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

65

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4367 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4367.15

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VA005990.D

Level: (low/med) MED Date Received: 3/23/99

% Moisture: not dec. 8.7 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	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. 65

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4367 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4367.15

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VA005990.D

Level: (low/med) MED Date Received: 3/23/99

% Moisture: not dec. 8.7 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

66

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4380 SDG No: Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4380.03

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VB03374.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 11.98 Date Analyzed: 4/5/99

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

66

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4380 SDG No: Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4380.03

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VB03374.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 11.98 Date Analyzed: 4/5/99

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. 66

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4380 SDG No: Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4380.03

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VB03374.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 11.98 Date Analyzed: 4/5/99

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

67

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4380 SDG No: Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4380.05

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VB03375.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 4.76 Date Analyzed: 4/5/99

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	690	
100-41-4	Ethylbenzene	540	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

67

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4380 SDG No: Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4380.05

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VB03375.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 4.76 Date Analyzed: 4/5/99

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	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. 67

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4380 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4380.05

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VB03375.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 4.76 Date Analyzed: 4/5/99

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

68

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4380 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4380.07

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VB03376.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 15.88 Date Analyzed: 4/5/99

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	420	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

68

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4380 SDG No: Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4380.07

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VB03376.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 15.88 Date Analyzed: 4/5/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	880	U
1330-20-7	o-Xylene	590	U
100-42-5	Styrene	590	U
75-25-2	Bromoform	590	U
79-34-5	1,1,2,2-Tetrachloroethane	590	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID. 68

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4380 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4380.07

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VB03376.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 15.88 Date Analyzed: 4/5/99

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

69

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4380 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4380.09

Sample wt/vol: 10.6 (g/ml) G Lab File ID: VB03377.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 22.91 Date Analyzed: 4/5/99

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	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

69

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4380 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4380.09

Sample wt/vol: 10.6 (g/ml) G Lab File ID: VB03377.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 22.91 Date Analyzed: 4/5/99

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. 69

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4380 SDG No: Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4380.09

Sample wt/vol: 10.6 (g/ml) G Lab File ID: VB03377.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 22.91 Date Analyzed: 4/5/99

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

70

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4380 SDG No: Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4380.11

Sample wt/vol: 9.4 (g/ml) G Lab File ID: VB03378.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 20.35 Date Analyzed: 4/5/99

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	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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

70

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4380 SDG No: Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4380.11

Sample wt/vol: 9.4 (g/ml) G Lab File ID: VB03378.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 20.35 Date Analyzed: 4/5/99

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	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.

70

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4380 SDG No: Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4380.11

Sample wt/vol: 9.4 (g/ml) G Lab File ID: VB03378.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 20.35 Date Analyzed: 4/5/99

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

71

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4395 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4395.03

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VA006065.D

Level: (low/med) MED Date Received: 4/6/99

% Moisture: not dec. 14.31 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	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

71

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4395 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4395.03

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VA006065.D

Level: (low/med) MED Date Received: 4/6/99

% Moisture: not dec. 14.31 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	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. 71

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4395 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4395.03

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VA006065.D

Level: (low/med) MED Date Received: 4/6/99

% Moisture: not dec. 14.31 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	2000	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

72

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4395 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4395.05

Sample wt/vol: 9.2 (g/ml) G Lab File ID: VA006066.D

Level: (low/med) MED Date Received: 4/6/99

% Moisture: not dec. 11.25 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	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

72

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4395 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4395.05

Sample wt/vol: 9.2 (g/ml) G Lab File ID: VA006066.D

Level: (low/med) MED Date Received: 4/6/99

% Moisture: not dec. 11.25 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. 72

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4395 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4395.05

Sample wt/vol: 9.2 (g/ml) G Lab File ID: VA006066.D

Level: (low/med) MED Date Received: 4/6/99

% Moisture: not dec. 11.25 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

73

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4395 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4395.07

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VA006067.D

Level: (low/med) MED Date Received: 4/6/99

% Moisture: not dec. 20.32 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	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

73

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4395 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4395.07

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VA006067.D

Level: (low/med) MED Date Received: 4/6/99

% Moisture: not dec. 20.32 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	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. 73

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4395 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4395.07

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VA006067.D

Level: (low/med) MED Date Received: 4/6/99

% Moisture: not dec. 20.32 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

74

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4406 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4406.03

Sample wt/vol: 10.5 (g/ml) G Lab File ID: VA006092.D

Level: (low/med) MED Date Received: 4/9/99

% Moisture: not dec. 14.26 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	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

74

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4406 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4406.03

Sample wt/vol: 10.5 (g/ml) G Lab File ID: VA006092.D

Level: (low/med) MED Date Received: 4/9/99

% Moisture: not dec. 14.26 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
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.

74

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4406 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4406.03

Sample wt/vol: 10.5 (g/ml) G Lab File ID: VA006092.D

Level: (low/med) MED Date Received: 4/9/99

% Moisture: not dec. 14.26 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

75

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4406 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4406.05

Sample wt/vol: 9.3 (g/ml) G Lab File ID: VA006093.D

Level: (low/med) MED Date Received: 4/9/99

% Moisture: not dec. 21.62 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	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

75

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4406 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4406.05

Sample wt/vol: 9.3 (g/ml) G Lab File ID: VA006093.D

Level: (low/med) MED Date Received: 4/9/99

% Moisture: not dec. 21.62 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
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. 75

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4406 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4406.05

Sample wt/vol: 9.3 (g/ml) G Lab File ID: VA006093.D

Level: (low/med) MED Date Received: 4/9/99

% Moisture: not dec. 21.62 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

76

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4406 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4406.07

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VA006094.D

Level: (low/med) MED Date Received: 4/9/99

% Moisture: not dec. 14.36 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	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

76

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4406 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4406.07

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VA006094.D

Level: (low/med) MED Date Received: 4/9/99

% Moisture: not dec. 14.36 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
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. 76

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4406 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4406.07

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VA006094.D

Level: (low/med) MED Date Received: 4/9/99

% Moisture: not dec. 14.36 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

77

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4415 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4415.03

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VA006105.D

Level: (low/med) MED Date Received: 4/13/99

% Moisture: not dec. 25.72 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	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

77

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4415 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4415.03

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VA006105.D

Level: (low/med) MED Date Received: 4/13/99

% Moisture: not dec. 25.72 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
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.

77

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4415 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4415.03

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VA006105.D

Level: (low/med) MED Date Received: 4/13/99

% Moisture: not dec. 25.72 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

78

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4415 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4415.05

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VA006106.D

Level: (low/med) MED Date Received: 4/13/99

% Moisture: not dec. 12.08 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	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

78

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4415 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4415.05

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VA006106.D

Level: (low/med) MED Date Received: 4/13/99

% Moisture: not dec. 12.08 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
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. 78

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4415 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4415.05

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VA006106.D

Level: (low/med) MED Date Received: 4/13/99

% Moisture: not dec. 12.08 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

79

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4415 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4415.07

Sample wt/vol: 9.3 (g/ml) G Lab File ID: VA006107.D

Level: (low/med) MED Date Received: 4/13/99

% Moisture: not dec. 13.51 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	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

79

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4415 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4415.07

Sample wt/vol: 9.3 (g/ml) G Lab File ID: VA006107.D

Level: (low/med) MED Date Received: 4/13/99

% Moisture: not dec. 13.51 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
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. 79

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4415 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4415.07

Sample wt/vol: 9.3 (g/ml) G Lab File ID: VA006107.D

Level: (low/med) MED Date Received: 4/13/99

% Moisture: not dec. 13.51 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

80

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4415 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4415.09

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006108.D

Level: (low/med) MED Date Received: 4/13/99

% Moisture: not dec. 13.88 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	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	1100	
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

80

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4415 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4415.09

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006108.D

Level: (low/med) MED Date Received: 4/13/99

% Moisture: not dec. 13.88 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	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. 80

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4415 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4415.09

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006108.D

Level: (low/med) MED Date Received: 4/13/99

% Moisture: not dec. 13.88 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

81

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4418 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4418.03

Sample wt/vol: 10.4 (g/ml) G Lab File ID: VA006144.D

Level: (low/med) MED Date Received: 4/14/99

% Moisture: not dec. 11.44 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)

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

81

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4418 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4418.03

Sample wt/vol: 10.4 (g/ml) G Lab File ID: VA006144.D

Level: (low/med) MED Date Received: 4/14/99

% Moisture: not dec. 11.44 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)

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. 81

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4418 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4418.03

Sample wt/vol: 10.4 (g/ml) G Lab File ID: VA006144.D

Level: (low/med) MED Date Received: 4/14/99

% Moisture: not dec. 11.44 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

82

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4418 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4418.05

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006145.D

Level: (low/med) MED Date Received: 4/14/99

% Moisture: not dec. 17.75 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)

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

82

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4418 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4418.05

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006145.D

Level: (low/med) MED Date Received: 4/14/99

% Moisture: not dec. 17.75 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)

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. 82

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4418 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4418.05

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006145.D

Level: (low/med) MED Date Received: 4/14/99

% Moisture: not dec. 17.75 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

83

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4418 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4418.07

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006146.D

Level: (low/med) MED Date Received: 4/14/99

% Moisture: not dec. 19 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)

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

83

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4418 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4418.07

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006146.D

Level: (low/med) MED Date Received: 4/14/99

% Moisture: not dec. 19 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)

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. 83

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4418 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4418.07

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006146.D

Level: (low/med) MED Date Received: 4/14/99

% Moisture: not dec. 19 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

84

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4418 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4418.09

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VA006147.D

Level: (low/med) MED Date Received: 4/14/99

% Moisture: not dec. 14.24 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)

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	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	360	
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

84

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4418 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4418.09

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VA006147.D

Level: (low/med) MED Date Received: 4/14/99

% Moisture: not dec. 14.24 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	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. 84

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4418 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4418.09

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VA006147.D

Level: (low/med) MED Date Received: 4/14/99

% Moisture: not dec. 14.24 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

85

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4418 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4418.11

Sample wt/vol: 10.7 (g/ml) G Lab File ID: VA006148.D

Level: (low/med) MED Date Received: 4/14/99

% Moisture: not dec. 13.5 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)

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

85

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4418 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4418.11

Sample wt/vol: 10.7 (g/ml) G Lab File ID: VA006148.D

Level: (low/med) MED Date Received: 4/14/99

% Moisture: not dec. 13.5 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	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. 85

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4418 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4418.11

Sample wt/vol: 10.7 (g/ml) G Lab File ID: VA006148.D

Level: (low/med) MED Date Received: 4/14/99

% Moisture: not dec. 13.5 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

86

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4418 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4418.13

Sample wt/vol: 10.5 (g/ml) G Lab File ID: VA006149.D

Level: (low/med) MED Date Received: 4/14/99

% Moisture: not dec. 14.43 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)

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

86

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4418 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4418.13

Sample wt/vol: 10.5 (g/ml) G Lab File ID: VA006149.D

Level: (low/med) MED Date Received: 4/14/99

% Moisture: not dec. 14.43 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)

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. 86

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4418 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4418.13

Sample wt/vol: 10.5 (g/ml) G Lab File ID: VA006149.D

Level: (low/med) MED Date Received: 4/14/99

% Moisture: not dec. 14.43 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

87

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4423 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4423.03

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VA006167.D

Level: (low/med) MED Date Received: 4/16/99

% Moisture: not dec. 12.02 Date Analyzed: 4/26/99

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	1400	
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

87

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4423 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4423.03

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VA006167.D

Level: (low/med) MED Date Received: 4/16/99

% Moisture: not dec. 12.02 Date Analyzed: 4/26/99

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	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. 87

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4423 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4423.03

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VA006167.D

Level: (low/med) MED Date Received: 4/16/99

% Moisture: not dec. 12.02 Date Analyzed: 4/26/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 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	3600	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

88

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4423 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4423.05

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006168.D

Level: (low/med) MED Date Received: 4/16/99

% Moisture: not dec. 27.82 Date Analyzed: 4/26/99

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	1600	
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

88

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4423 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4423.05

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006168.D

Level: (low/med) MED Date Received: 4/16/99

% Moisture: not dec. 27.82 Date Analyzed: 4/26/99

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. **88**

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4423 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4423.05

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006168.D

Level: (low/med) MED Date Received: 4/16/99

% Moisture: not dec. 27.82 Date Analyzed: 4/26/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 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

89

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4423 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4423.07

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VA006169.D

Level: (low/med) MED Date Received: 4/16/99

% Moisture: not dec. 15.57 Date Analyzed: 4/26/99

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	1400	
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

89

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4423 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4423.07

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VA006169.D

Level: (low/med) MED Date Received: 4/16/99

% Moisture: not dec. 15.57 Date Analyzed: 4/26/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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. 89

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4423 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4423.07

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VA006169.D

Level: (low/med) MED Date Received: 4/16/99

% Moisture: not dec. 15.57 Date Analyzed: 4/26/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 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

90

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4423 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4423.09

Sample wt/vol: 9.1 (g/ml) G Lab File ID: VA006170.D

Level: (low/med) MED Date Received: 4/16/99

% Moisture: not dec. 14.81 Date Analyzed: 4/26/99

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	1500	
156-60-5	trans-1,2-Dichloroethene	650	U
75-35-3	1,1-Dichloroethane	320	U
108-05-4	Vinyl Acetate	970	U
78-93-3	2-Butanone	970	U
	cis-1,2-Dichloroethene	320	U
67-66-3	Chloroform	320	U
75-55-6	1,1,1-Trichloroethane	320	U
56-23-5	Carbon Tetrachloride	650	U
71-43-2	Benzene	320	U
107-06-2	1,2-Dichloroethane	650	U
79-01-6	Trichloroethene	320	U
78-87-5	1,2-Dichloropropane	320	U
75-27-4	Bromodichloromethane	320	U
110-75-8	2-Chloroethyl vinyl ether	650	U
10061-01-5	cis-1,3-Dichloropropene	320	U
108-10-1	4-Methyl-2-Pentanone	650	U
108-88-3	Toluene	320	U
10061-02-6	trans-1,3-Dichloropropene	650	U
79-00-5	1,1,2-Trichloroethane	650	U
127-18-4	Tetrachloroethene	320	U
591-78-6	2-Hexanone	650	U
126-48-1	Dibromochloromethane	650	U
108-90-7	Chlorobenzene	320	U
100-41-4	Ethylbenzene	650	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID. **90**

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4423 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4423.09

Sample wt/vol: 9.1 (g/ml) G Lab File ID: VA006170.D

Level: (low/med) MED Date Received: 4/16/99

% Moisture: not dec. 14.81 Date Analyzed: 4/26/99

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. 90

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4423 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4423.09

Sample wt/vol: 9.1 (g/ml) G Lab File ID: VA006170.D

Level: (low/med) MED Date Received: 4/16/99

% Moisture: not dec. 14.81 Date Analyzed: 4/26/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 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	3900	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

91

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4423 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4423.11

Sample wt/vol: 9.1 (g/ml) G Lab File ID: VA006171.D

Level: (low/med) MED Date Received: 4/16/99

% Moisture: not dec. 17.98 Date Analyzed: 4/26/99

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	1500	
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

91

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4423 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4423.11

Sample wt/vol: 9.1 (g/ml) G Lab File ID: VA006171.D

Level: (low/med) MED Date Received: 4/16/99

% Moisture: not dec. 17.98 Date Analyzed: 4/26/99

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. 91

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4423 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4423.11

Sample wt/vol: 9.1 (g/ml) G Lab File ID: VA006171.D

Level: (low/med) MED Date Received: 4/16/99

% Moisture: not dec. 17.98 Date Analyzed: 4/26/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 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	4000	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

92

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4434 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4434.03

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VA006186.D

Level: (low/med) MED Date Received: 4/20/99

% Moisture: not dec. 23.14 Date Analyzed: 4/27/99

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

92

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4434 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4434.03

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VA006186.D

Level: (low/med) MED Date Received: 4/20/99

% Moisture: not dec. 23.14 Date Analyzed: 4/27/99

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	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.

92

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4434 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4434.03

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VA006186.D

Level: (low/med) MED Date Received: 4/20/99

% Moisture: not dec. 23.14 Date Analyzed: 4/27/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 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	10.16	3200	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

93

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4434 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4434.05

Sample wt/vol: 11.7 (g/ml) G Lab File ID: VA006187.D

Level: (low/med) MED Date Received: 4/20/99

% Moisture: not dec. 19.25 Date Analyzed: 4/27/99

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	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

93

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4434 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4434.05

Sample wt/vol: 11.7 (g/ml) G Lab File ID: VA006187.D

Level: (low/med) MED Date Received: 4/20/99

% Moisture: not dec. 19.25 Date Analyzed: 4/27/99

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. 93

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4434 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4434.05

Sample wt/vol: 11.7 (g/ml) G Lab File ID: VA006187.D

Level: (low/med) MED Date Received: 4/20/99

% Moisture: not dec. 19.25 Date Analyzed: 4/27/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 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 # 13461

Project: 980211 Case No.: 4434 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4434.07

Sample wt/vol: 11.7 (g/ml) G Lab File ID: VA006188.D

Level: (low/med) MED Date Received: 4/20/99

% Moisture: not dec. 20.32 Date Analyzed: 4/27/99

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

94

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4434 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4434.07

Sample wt/vol: 11.7 (g/ml) G Lab File ID: VA006188.D

Level: (low/med) MED Date Received: 4/20/99

% Moisture: not dec. 20.32 Date Analyzed: 4/27/99

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	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. 94

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4434 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4434.07

Sample wt/vol: 11.7 (g/ml) G Lab File ID: VA006188.D

Level: (low/med) MED Date Received: 4/20/99

% Moisture: not dec. 20.32 Date Analyzed: 4/27/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 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 # 13461

Project: 980211 Case No.: 4434 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4434.09

Sample wt/vol: 11.0 (g/ml) G Lab File ID: VA006189.D

Level: (low/med) MED Date Received: 4/20/99

% Moisture: not dec. 12.57 Date Analyzed: 4/27/99

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

95

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4434 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4434.09

Sample wt/vol: 11.0 (g/ml) G Lab File ID: VA006189.D

Level: (low/med) MED Date Received: 4/20/99

% Moisture: not dec. 12.57 Date Analyzed: 4/27/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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. 95

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4434 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4434.09

Sample wt/vol: 11.0 (g/ml) G Lab File ID: VA006189.D

Level: (low/med) MED Date Received: 4/20/99

% Moisture: not dec. 12.57 Date Analyzed: 4/27/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 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 # 13461

Project: 980211 Case No.: 4434 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4434.11

Sample wt/vol: 12.0 (g/ml) G Lab File ID: VA006190.D

Level: (low/med) MED Date Received: 4/20/99

% Moisture: not dec. 15.61 Date Analyzed: 4/27/99

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	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

96

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4434 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4434.11

Sample wt/vol: 12.0 (g/ml) G Lab File ID: VA006190.D

Level: (low/med) MED Date Received: 4/20/99

% Moisture: not dec. 15.61 Date Analyzed: 4/27/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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. 96

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4434 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4434.11

Sample wt/vol: 12.0 (g/ml) G Lab File ID: VA006190.D

Level: (low/med) MED Date Received: 4/20/99

% Moisture: not dec. 15.61 Date Analyzed: 4/27/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 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

97

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4443 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4443.03

Sample wt/vol: 10.6 (g/ml) G Lab File ID: VA006202.D

Level: (low/med) MED Date Received: 4/27/99

% Moisture: not dec. 21.28 Date Analyzed: 4/28/99

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

97

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4443 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4443.03

Sample wt/vol: 10.6 (g/ml) G Lab File ID: VA006202.D

Level: (low/med) MED Date Received: 4/27/99

% Moisture: not dec. 21.28 Date Analyzed: 4/28/99

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. 97

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4443 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4443.03

Sample wt/vol: 10.6 (g/ml) G Lab File ID: VA006202.D

Level: (low/med) MED Date Received: 4/27/99

% Moisture: not dec. 21.28 Date Analyzed: 4/28/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 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	9.34	2200	J

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

98

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4443 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4443.05

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VA006203.D

Level: (low/med) MED Date Received: 4/27/99

% Moisture: not dec. 14.09 Date Analyzed: 4/28/99

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	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

98

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4443 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4443.05

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VA006203.D

Level: (low/med) MED Date Received: 4/27/99

% Moisture: not dec. 14.09 Date Analyzed: 4/28/99

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	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. 98

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4443 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4443.05

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VA006203.D

Level: (low/med) MED Date Received: 4/27/99

% Moisture: not dec. 14.09 Date Analyzed: 4/28/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 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	2400	J

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

99

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4443 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4443.07

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VA006204.D

Level: (low/med) MED Date Received: 4/27/99

% Moisture: not dec. 13.79 Date Analyzed: 4/28/99

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	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

99

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4443 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4443.07

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VA006204.D

Level: (low/med) MED Date Received: 4/27/99

% Moisture: not dec. 13.79 Date Analyzed: 4/28/99

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. 99

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4443 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4443.07

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VA006204.D

Level: (low/med) MED Date Received: 4/27/99

% Moisture: not dec. 13.79 Date Analyzed: 4/28/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 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	9.33	2200	J

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

100

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4443 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4443.09

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VA006205.D

Level: (low/med) MED Date Received: 4/27/99

% Moisture: not dec. 21.37 Date Analyzed: 4/28/99

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

100

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4443 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4443.09

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VA006205.D

Level: (low/med) MED Date Received: 4/27/99

% Moisture: not dec. 21.37 Date Analyzed: 4/28/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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. 100

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4443 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4443.09

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VA006205.D

Level: (low/med) MED Date Received: 4/27/99

% Moisture: not dec. 21.37 Date Analyzed: 4/28/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 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	2500	J

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

101

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4443 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4443.11

Sample wt/vol: 10.5 (g/ml) G Lab File ID: VA006206.D

Level: (low/med) MED Date Received: 4/27/99

% Moisture: not dec. 17.22 Date Analyzed: 4/28/99

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	860	U
108203	Di-isopropyl ether	580	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	290	U
75-01-4	Vinyl Chloride	860	U
74-83-9	Bromomethane	580	U
75-00-3	Chloroethane	860	U
75-69-4	Trichlorofluoromethane	580	U
75-35-4	1,1-Dichloroethene	290	U
67-64-1	Acetone	2200	
75-15-0	Carbon Disulfide	290	U
75-09-2	Methylene Chloride	580	U
156-60-5	trans-1,2-Dichloroethene	580	U
75-35-3	1,1-Dichloroethane	290	U
108-05-4	Vinyl Acetate	860	U
78-93-3	2-Butanone	860	U
	cis-1,2-Dichloroethene	290	U
67-66-3	Chloroform	290	U
75-55-6	1,1,1-Trichloroethane	290	U
56-23-5	Carbon Tetrachloride	580	U
71-43-2	Benzene	290	U
107-06-2	1,2-Dichloroethane	580	U
79-01-6	Trichloroethene	290	U
78-87-5	1,2-Dichloropropane	290	U
75-27-4	Bromodichloromethane	290	U
110-75-8	2-Chloroethyl vinyl ether	580	U
10061-01-5	cis-1,3-Dichloropropene	290	U
108-10-1	4-Methyl-2-Pentanone	580	U
108-88-3	Toluene	290	U
10061-02-6	trans-1,3-Dichloropropene	580	U
79-00-5	1,1,2-Trichloroethane	580	U
127-18-4	Tetrachloroethene	290	U
591-78-6	2-Hexanone	580	U
126-48-1	Dibromochloromethane	580	U
108-90-7	Chlorobenzene	290	U
100-41-4	Ethylbenzene	580	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

101

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4443 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4443.11

Sample wt/vol: 10.5 (g/ml) G Lab File ID: VA006206.D

Level: (low/med) MED Date Received: 4/27/99

% Moisture: not dec. 17.22 Date Analyzed: 4/28/99

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	860	U
1330-20-7	o-Xylene	580	U
100-42-5	Styrene	580	U
75-25-2	Bromoform	580	U
79-34-5	1,1,2,2-Tetrachloroethane	580	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

101

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4443 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4443.11

Sample wt/vol: 10.5 (g/ml) G Lab File ID: VA006206.D

Level: (low/med) MED Date Received: 4/27/99

% Moisture: not dec. 17.22 Date Analyzed: 4/28/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 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	9800	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

102

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4446 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4446.03

Sample wt/vol: 8.5 (g/ml) G Lab File ID: VA006217.D

Level: (low/med) MED Date Received: 4/27/99

% Moisture: not dec. 19.98 Date Analyzed: 4/29/99

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	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

102

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4446 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4446.03

Sample wt/vol: 8.5 (g/ml) G Lab File ID: VA006217.D

Level: (low/med) MED Date Received: 4/27/99

% Moisture: not dec. 19.98 Date Analyzed: 4/29/99

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	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. 102

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4446 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4446.03

Sample wt/vol: 8.5 (g/ml) G Lab File ID: VA006217.D

Level: (low/med) MED Date Received: 4/27/99

% Moisture: not dec. 19.98 Date Analyzed: 4/29/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 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 # 13461

Project: 980211 Case No.: 4446 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4446.05

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VA006218.D

Level: (low/med) MED Date Received: 4/27/99

% Moisture: not dec. 12.19 Date Analyzed: 4/29/99

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	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

103

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4446 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4446.05

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VA006218.D

Level: (low/med) MED Date Received: 4/27/99

% Moisture: not dec. 12.19 Date Analyzed: 4/29/99

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	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. 103

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4446 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4446.05

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VA006218.D

Level: (low/med) MED Date Received: 4/27/99

% Moisture: not dec. 12.19 Date Analyzed: 4/29/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 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 # 13461

Project: 980211 Case No.: 4446 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4446.07

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VA006219.D

Level: (low/med) MED Date Received: 4/27/99

% Moisture: not dec. 10.55 Date Analyzed: 4/29/99

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

104

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4446 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4446.07

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VA006219.D

Level: (low/med) MED Date Received: 4/27/99

% Moisture: not dec. 10.55 Date Analyzed: 4/29/99

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. 104

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4446 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4446.07

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VA006219.D

Level: (low/med) MED Date Received: 4/27/99

% Moisture: not dec. 10.55 Date Analyzed: 4/29/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 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

105

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4446 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4446.09

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VA006220.D

Level: (low/med) MED Date Received: 4/27/99

% Moisture: not dec. 16.85 Date Analyzed: 4/29/99

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

105

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4446 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4446.09

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VA006220.D

Level: (low/med) MED Date Received: 4/27/99

% Moisture: not dec. 16.85 Date Analyzed: 4/29/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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. 105

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4446 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4446.09

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VA006220.D

Level: (low/med) MED Date Received: 4/27/99

% Moisture: not dec. 16.85 Date Analyzed: 4/29/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 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 # 13461

Project: 980211 Case No.: 4446 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4446.11

Sample wt/vol: 9.2 (g/ml) G Lab File ID: VA006221.D

Level: (low/med) MED Date Received: 4/27/99

% Moisture: not dec. 29.78 Date Analyzed: 4/29/99

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	5100	U
1634044	Methyl-tert-Butyl ether	1200	U
108203	Di-isopropyl ether	780	U
	Dichlorodifluoromethane	1600	U
74-87-3	Chloromethane	390	U
75-01-4	Vinyl Chloride	1200	U
74-83-9	Bromomethane	780	U
75-00-3	Chloroethane	1200	U
75-69-4	Trichlorofluoromethane	780	U
75-35-4	1,1-Dichloroethene	390	U
67-64-1	Acetone	780	U
75-15-0	Carbon Disulfide	390	U
75-09-2	Methylene Chloride	780	U
156-60-5	trans-1,2-Dichloroethene	780	U
75-35-3	1,1-Dichloroethane	390	U
108-05-4	Vinyl Acetate	1200	U
78-93-3	2-Butanone	1200	U
	cis-1,2-Dichloroethene	390	U
67-66-3	Chloroform	390	U
75-55-6	1,1,1-Trichloroethane	390	U
56-23-5	Carbon Tetrachloride	780	U
71-43-2	Benzene	390	U
107-06-2	1,2-Dichloroethane	780	U
79-01-6	Trichloroethene	390	U
78-87-5	1,2-Dichloropropane	390	U
75-27-4	Bromodichloromethane	390	U
110-75-8	2-Chloroethyl vinyl ether	780	U
10061-01-5	cis-1,3-Dichloropropene	390	U
108-10-1	4-Methyl-2-Pentanone	780	U
108-88-3	Toluene	390	U
10061-02-6	trans-1,3-Dichloropropene	780	U
79-00-5	1,1,2-Trichloroethane	780	U
127-18-4	Tetrachloroethene	390	U
591-78-6	2-Hexanone	780	U
126-48-1	Dibromochloromethane	780	U
108-90-7	Chlorobenzene	390	U
100-41-4	Ethylbenzene	780	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

106

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4446 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4446.11

Sample wt/vol: 9.2 (g/ml) G Lab File ID: VA006221.D

Level: (low/med) MED Date Received: 4/27/99

% Moisture: not dec. 29.78 Date Analyzed: 4/29/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	1200	U
1330-20-7	o-Xylene	780	U
100-42-5	Styrene	780	U
75-25-2	Bromoform	780	U
79-34-5	1,1,2,2-Tetrachloroethane	780	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID. 106

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4446 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4446.11

Sample wt/vol: 9.2 (g/ml) G Lab File ID: VA006221.D

Level: (low/med) MED Date Received: 4/27/99

% Moisture: not dec. 29.78 Date Analyzed: 4/29/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 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 # 13461

Project: 980211 Case No.: 4446 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4446.13

Sample wt/vol: 8.4 (g/ml) G Lab File ID: VA006222.D

Level: (low/med) MED Date Received: 4/27/99

% Moisture: not dec. 15.27 Date Analyzed: 4/29/99

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

107

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4446 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4446.13

Sample wt/vol: 8.4 (g/ml) G Lab File ID: VA006222.D

Level: (low/med) MED Date Received: 4/27/99

% Moisture: not dec. 15.27 Date Analyzed: 4/29/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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. 107

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4446 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4446.13

Sample wt/vol: 8.4 (g/ml) G Lab File ID: VA006222.D

Level: (low/med) MED Date Received: 4/27/99

% Moisture: not dec. 15.27 Date Analyzed: 4/29/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 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 # 13461

Project: 980211 Case No.: 4462 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4462.03

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VA006311.D

Level: (low/med) MED Date Received: 5/4/99

% Moisture: not dec. 13.72 Date Analyzed: 5/11/99

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	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

108

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4462 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4462.03

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VA006311.D

Level: (low/med) MED Date Received: 5/4/99

% Moisture: not dec. 13.72 Date Analyzed: 5/11/99

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	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. 108

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4462 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4462.03

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VA006311.D

Level: (low/med) MED Date Received: 5/4/99

% Moisture: not dec. 13.72 Date Analyzed: 5/11/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 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

109

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4462 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4462.05

Sample wt/vol: 9.4 (g/ml) G Lab File ID: VA006312.D

Level: (low/med) MED Date Received: 5/4/99

% Moisture: not dec. 13.82 Date Analyzed: 5/11/99

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

109

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4462 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4462.05

Sample wt/vol: 9.4 (g/ml) G Lab File ID: VA006312.D

Level: (low/med) MED Date Received: 5/4/99

% Moisture: not dec. 13.82 Date Analyzed: 5/11/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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. 109

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4462 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4462.05

Sample wt/vol: 9.4 (g/ml) G Lab File ID: VA006312.D

Level: (low/med) MED Date Received: 5/4/99

% Moisture: not dec. 13.82 Date Analyzed: 5/11/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 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	4100	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

110

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4462 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4462.07

Sample wt/vol: 10.6 (g/ml) G Lab File ID: VA006313.D

Level: (low/med) MED Date Received: 5/4/99

% Moisture: not dec. 29.13 Date Analyzed: 5/11/99

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	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

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

110

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4462 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4462.07

Sample wt/vol: 10.6 (g/ml) G Lab File ID: VA006313.D

Level: (low/med) MED Date Received: 5/4/99

% Moisture: not dec. 29.13 Date Analyzed: 5/11/99

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	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.

110

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4462 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4462.07

Sample wt/vol: 10.6 (g/ml) G Lab File ID: VA006313.D

Level: (low/med) MED Date Received: 5/4/99

% Moisture: not dec. 29.13 Date Analyzed: 5/11/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 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. 000110-54-3	Hexane	10.10	4400	JN
2. 000080-56-8	.alpha.-Pinene	23.60	3600	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

111

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4462 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4462.09

Sample wt/vol: 10.4 (g/ml) G Lab File ID: VA006314.D

Level: (low/med) MED Date Received: 5/4/99

% Moisture: not dec. 12.16 Date Analyzed: 5/11/99

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

111

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4462 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4462.09

Sample wt/vol: 10.4 (g/ml) G Lab File ID: VA006314.D

Level: (low/med) MED Date Received: 5/4/99

% Moisture: not dec. 12.16 Date Analyzed: 5/11/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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. 111

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4462 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4462.09

Sample wt/vol: 10.4 (g/ml) G Lab File ID: VA006314.D

Level: (low/med) MED Date Received: 5/4/99

% Moisture: not dec. 12.16 Date Analyzed: 5/11/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 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 # 13461

Project: 980211 Case No.: 4462 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4462.11

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VA006315.D

Level: (low/med) MED Date Received: 5/4/99

% Moisture: not dec. 11.98 Date Analyzed: 5/11/99

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

112

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4462 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4462.11

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VA006315.D

Level: (low/med) MED Date Received: 5/4/99

% Moisture: not dec. 11.98 Date Analyzed: 5/11/99

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. 112

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4462 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4462.11

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VA006315.D

Level: (low/med) MED Date Received: 5/4/99

% Moisture: not dec. 11.98 Date Analyzed: 5/11/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 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

113

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4466 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4466.03

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VA006337.D

Level: (low/med) MED Date Received: 5/6/99

% Moisture: not dec. 14.59 Date Analyzed: 5/12/99

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	4100	
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

113

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4466 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4466.03

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VA006337.D

Level: (low/med) MED Date Received: 5/6/99

% Moisture: not dec. 14.59 Date Analyzed: 5/12/99

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.

113

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4466 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4466.03

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VA006337.D

Level: (low/med) MED Date Received: 5/6/99

% Moisture: not dec. 14.59 Date Analyzed: 5/12/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 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

114

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4466 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4466.05

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VA006338.D

Level: (low/med) MED Date Received: 5/6/99

% Moisture: not dec. 15.04 Date Analyzed: 5/12/99

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	4400	
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

114

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4466 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4466.05

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VA006338.D

Level: (low/med) MED Date Received: 5/6/99

% Moisture: not dec. 15.04 Date Analyzed: 5/12/99

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	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.

114

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4466 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4466.05

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VA006338.D

Level: (low/med) MED Date Received: 5/6/99

% Moisture: not dec. 15.04 Date Analyzed: 5/12/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 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

115

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4466 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4466.07

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VA006339.D

Level: (low/med) MED Date Received: 5/6/99

% Moisture: not dec. 12.34 Date Analyzed: 5/12/99

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	4200	
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

115

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4466 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4466.07

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VA006339.D

Level: (low/med) MED Date Received: 5/6/99

% Moisture: not dec. 12.34 Date Analyzed: 5/12/99

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. 115

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4466 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4466.07

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VA006339.D

Level: (low/med) MED Date Received: 5/6/99

% Moisture: not dec. 12.34 Date Analyzed: 5/12/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 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	2400	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

116

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4466 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4466.09

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VA006340.D

Level: (low/med) MED Date Received: 5/6/99

% Moisture: not dec. 8.89 Date Analyzed: 5/12/99

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	4300	
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

116

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4466 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4466.09

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VA006340.D

Level: (low/med) MED Date Received: 5/6/99

% Moisture: not dec. 8.89 Date Analyzed: 5/12/99

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	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. 116

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4466 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4466.09

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VA006340.D

Level: (low/med) MED Date Received: 5/6/99

% Moisture: not dec. 8.89 Date Analyzed: 5/12/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 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 # 13461

Project: 980211 Case No.: 4466 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4466.11

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VA006341.D

Level: (low/med) MED Date Received: 5/6/99

% Moisture: not dec. 8.65 Date Analyzed: 5/12/99

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	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

117

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4466 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4466.11

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VA006341.D

Level: (low/med) MED Date Received: 5/6/99

% Moisture: not dec. 8.65 Date Analyzed: 5/12/99

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	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. 117

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4466 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4466.11

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VA006341.D

Level: (low/med) MED Date Received: 5/6/99

% Moisture: not dec. 8.65 Date Analyzed: 5/12/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 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	2500	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

118

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4466 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4466.13

Sample wt/vol: 9.0 (g/ml) G Lab File ID: VA006342.D

Level: (low/med) MED Date Received: 5/6/99

% Moisture: not dec. 8.15 Date Analyzed: 5/12/99

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	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	4700	
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

118

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4466 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4466.13

Sample wt/vol: 9.0 (g/ml) G Lab File ID: VA006342.D

Level: (low/med) MED Date Received: 5/6/99

% Moisture: not dec. 8.15 Date Analyzed: 5/12/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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. 118

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4466 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4466.13

Sample wt/vol: 9.0 (g/ml) G Lab File ID: VA006342.D

Level: (low/med) MED Date Received: 5/6/99

% Moisture: not dec. 8.15 Date Analyzed: 5/12/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 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	2300	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

119

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4468 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4468.03

Sample wt/vol: 10.6 (g/ml) G Lab File ID: VA006345.D

Level: (low/med) MED Date Received: 5/7/99

% Moisture: not dec. 7.16 Date Analyzed: 5/12/99

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	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	3700	
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	510	U
156-60-5	trans-1,2-Dichloroethene	510	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	760	U
78-93-3	2-Butanone	760	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	510	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	510	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	510	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	510	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	510	U
79-00-5	1,1,2-Trichloroethane	510	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	510	U
126-48-1	Dibromochloromethane	510	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	510	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

119

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4468 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4468.03

Sample wt/vol: 10.6 (g/ml) G Lab File ID: VA006345.D

Level: (low/med) MED Date Received: 5/7/99

% Moisture: not dec. 7.16 Date Analyzed: 5/12/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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.

119

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4468 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4468.03

Sample wt/vol: 10.6 (g/ml) G Lab File ID: VA006345.D

Level: (low/med) MED Date Received: 5/7/99

% Moisture: not dec. 7.16 Date Analyzed: 5/12/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 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	1700	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

120

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4468 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4468.05

Sample wt/vol: 10.4 (g/ml) G Lab File ID: VA006353.D

Level: (low/med) MED Date Received: 5/7/99

% Moisture: not dec. 16.25 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	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	4300	
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

120

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4468 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4468.05

Sample wt/vol: 10.4 (g/ml) G Lab File ID: VA006353.D

Level: (low/med) MED Date Received: 5/7/99

% Moisture: not dec. 16.25 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	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.

120

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4468 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4468.05

Sample wt/vol: 10.4 (g/ml) G Lab File ID: VA006353.D

Level: (low/med) MED Date Received: 5/7/99

% Moisture: not dec. 16.25 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

121

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4468 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4468.07

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VA006354.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
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

121

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4468 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4468.07

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VA006354.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
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. 121

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4468 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4468.07

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VA006354.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	10.11	5500	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

122

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4468 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4468.09

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VA006355.D

Level: (low/med) MED Date Received: 5/7/99

% Moisture: not dec. 15.67 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	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

122

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4468 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4468.09

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VA006355.D

Level: (low/med) MED Date Received: 5/7/99

% Moisture: not dec. 15.67 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	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. 122

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4468 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4468.09

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VA006355.D

Level: (low/med) MED Date Received: 5/7/99

% Moisture: not dec. 15.67 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	4600	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

123

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4468 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4468.11

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VA006356.D

Level: (low/med) MED Date Received: 5/7/99

% Moisture: not dec. 12.64 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	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

123

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4468 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4468.11

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VA006356.D

Level: (low/med) MED Date Received: 5/7/99

% Moisture: not dec. 12.64 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	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.

123

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4468 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4468.11

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VA006356.D

Level: (low/med) MED Date Received: 5/7/99

% Moisture: not dec. 12.64 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	4400	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

124

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4468 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4468.13

Sample wt/vol: 10.4 (g/ml) G Lab File ID: VA006357.D

Level: (low/med) MED Date Received: 5/7/99

% Moisture: not dec. 10.46 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	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

124

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4468 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4468.13

Sample wt/vol: 10.4 (g/ml) G Lab File ID: VA006357.D

Level: (low/med) MED Date Received: 5/7/99

% Moisture: not dec. 10.46 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	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.

124

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4468 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4468.13

Sample wt/vol: 10.4 (g/ml) G Lab File ID: VA006357.D

Level: (low/med) MED Date Received: 5/7/99

% Moisture: not dec. 10.46 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	10.09	2200	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

125

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4468 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4468.15

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VA006358.D

Level: (low/med) MED Date Received: 5/7/99

% Moisture: not dec. 9.98 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	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

125

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4468 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4468.15

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VA006358.D

Level: (low/med) MED Date Received: 5/7/99

% Moisture: not dec. 9.98 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.

125

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4468 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4468.15

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VA006358.D

Level: (low/med) MED Date Received: 5/7/99

% Moisture: not dec. 9.98 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

126

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4468 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4468.17

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VA006359.D

Level: (low/med) MED Date Received: 5/7/99

% Moisture: not dec. 19.55 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	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

126

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4468 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4468.17

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VA006359.D

Level: (low/med) MED Date Received: 5/7/99

% Moisture: not dec. 19.55 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	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. 126

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4468 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4468.17

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VA006359.D

Level: (low/med) MED Date Received: 5/7/99

% Moisture: not dec. 19.55 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	9.34	2000	J
2. 000110-54-3	Hexane	10.10	2200	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

127

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4468 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4468.19

Sample wt/vol: 10.4 (g/ml) G Lab File ID: VA006360.D

Level: (low/med) MED Date Received: 5/7/99

% Moisture: not dec. 15.6 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)

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

127

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4468 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4468.19

Sample wt/vol: 10.4 (g/ml) G Lab File ID: VA006360.D

Level: (low/med) MED Date Received: 5/7/99

% Moisture: not dec. 15.6 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	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.

127

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4468 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4468.19

Sample wt/vol: 10.4 (g/ml) G Lab File ID: VA006360.D

Level: (low/med) MED Date Received: 5/7/99

% Moisture: not dec. 15.6 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	10.10	2200	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

128

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4495 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4472.03

Sample wt/vol: 9.2 (g/ml) G Lab File ID: VA006374.D

Level: (low/med) MED Date Received: 5/10/99

% Moisture: not dec. 24.5 Date Analyzed: 5/14/99

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	2500	U
107131	Acrylonitrile	2500	U
75650	tert-Butyl alcohol	4700	U
1634044	Methyl-tert-Butyl ether	1100	U
108203	Di-isopropyl ether	730	U
	Dichlorodifluoromethane	1500	U
74-87-3	Chloromethane	360	U
75-01-4	Vinyl Chloride	1100	U
74-83-9	Bromomethane	730	U
75-00-3	Chloroethane	1100	U
75-69-4	Trichlorofluoromethane	730	U
75-35-4	1,1-Dichloroethene	360	U
67-64-1	Acetone	730	U
75-15-0	Carbon Disulfide	360	U
75-09-2	Methylene Chloride	730	U
156-60-5	trans-1,2-Dichloroethene	730	U
75-35-3	1,1-Dichloroethane	360	U
108-05-4	Vinyl Acetate	1100	U
78-93-3	2-Butanone	1100	U
	cis-1,2-Dichloroethene	360	U
67-66-3	Chloroform	360	U
75-55-6	1,1,1-Trichloroethane	360	U
56-23-5	Carbon Tetrachloride	730	U
71-43-2	Benzene	360	U
107-06-2	1,2-Dichloroethane	730	U
79-01-6	Trichloroethene	360	U
78-87-5	1,2-Dichloropropane	360	U
75-27-4	Bromodichloromethane	360	U
110-75-8	2-Chloroethyl vinyl ether	730	U
10061-01-5	cis-1,3-Dichloropropene	360	U
108-10-1	4-Methyl-2-Pentanone	730	U
108-88-3	Toluene	360	U
10061-02-6	trans-1,3-Dichloropropene	730	U
79-00-5	1,1,2-Trichloroethane	730	U
127-18-4	Tetrachloroethene	360	U
591-78-6	2-Hexanone	730	U
126-48-1	Dibromochloromethane	730	U
108-90-7	Chlorobenzene	360	U
100-41-4	Ethylbenzene	730	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

128

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4495 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4472.03

Sample wt/vol: 9.2 (g/ml) G Lab File ID: VA006374.D

Level: (low/med) MED Date Received: 5/10/99

% Moisture: not dec. 24.5 Date Analyzed: 5/14/99

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	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.

128

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4495 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4472.03

Sample wt/vol: 9.2 (g/ml) G Lab File ID: VA006374.D

Level: (low/med) MED Date Received: 5/10/99

% Moisture: not dec. 24.5 Date Analyzed: 5/14/99

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: 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.: 4495 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4472.05

Sample wt/vol: 10.5 (g/ml) G Lab File ID: VA006375.D

Level: (low/med) MED Date Received: 5/10/99

% Moisture: not dec. 12.39 Date Analyzed: 5/14/99

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	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

129

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4495 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4472.05

Sample wt/vol: 10.5 (g/ml) G Lab File ID: VA006375.D

Level: (low/med) MED Date Received: 5/10/99

% Moisture: not dec. 12.39 Date Analyzed: 5/14/99

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	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.

129

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4495 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4472.05

Sample wt/vol: 10.5 (g/ml) G Lab File ID: VA006375.D

Level: (low/med) MED Date Received: 5/10/99

% Moisture: not dec. 12.39 Date Analyzed: 5/14/99

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: 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.: 4495 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4472.07

Sample wt/vol: 9.3 (g/ml) G Lab File ID: VA006378.D

Level: (low/med) MED Date Received: 5/10/99

% Moisture: not dec. 15.79 Date Analyzed: 5/14/99

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	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

130

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4495 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4472.07

Sample wt/vol: 9.3 (g/ml) G Lab File ID: VA006378.D

Level: (low/med) MED Date Received: 5/10/99

% Moisture: not dec. 15.79 Date Analyzed: 5/14/99

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	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.

130

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4495 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4472.07

Sample wt/vol: 9.3 (g/ml) G Lab File ID: VA006378.D

Level: (low/med) MED Date Received: 5/10/99

% Moisture: not dec. 15.79 Date Analyzed: 5/14/99

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: 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.: 4495 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4472.09

Sample wt/vol: 7.0 (g/ml) G Lab File ID: VA006379.D

Level: (low/med) MED Date Received: 5/10/99

% Moisture: not dec. 15.1 Date Analyzed: 5/14/99

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	3000	U
107131	Acrylonitrile	3000	U
75650	tert-Butyl alcohol	5500	U
1634044	Methyl-tert-Butyl ether	1300	U
108203	Di-isopropyl ether	850	U
	Dichlorodifluoromethane	1700	U
74-87-3	Chloromethane	420	U
75-01-4	Vinyl Chloride	1300	U
74-83-9	Bromomethane	850	U
75-00-3	Chloroethane	1300	U
75-69-4	Trichlorofluoromethane	850	U
75-35-4	1,1-Dichloroethene	420	U
67-64-1	Acetone	850	U
75-15-0	Carbon Disulfide	420	U
75-09-2	Methylene Chloride	850	U
156-60-5	trans-1,2-Dichloroethene	850	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	850	U
71-43-2	Benzene	420	U
107-06-2	1,2-Dichloroethane	850	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	850	U
10061-01-5	cis-1,3-Dichloropropene	420	U
108-10-1	4-Methyl-2-Pentanone	850	U
108-88-3	Toluene	420	U
10061-02-6	trans-1,3-Dichloropropene	850	U
79-00-5	1,1,2-Trichloroethane	850	U
127-18-4	Tetrachloroethene	420	U
591-78-6	2-Hexanone	850	U
126-48-1	Dibromochloromethane	850	U
108-90-7	Chlorobenzene	420	U
100-41-4	Ethylbenzene	850	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

131

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4495 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4472.09

Sample wt/vol: 7.0 (g/ml) G Lab File ID: VA006379.D

Level: (low/med) MED Date Received: 5/10/99

% Moisture: not dec. 15.1 Date Analyzed: 5/14/99

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	1300	U
1330-20-7	o-Xylene	850	U
100-42-5	Styrene	850	U
75-25-2	Bromoform	850	U
79-34-5	1,1,2,2-Tetrachloroethane	850	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

131

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4495 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4472.09

Sample wt/vol: 7.0 (g/ml) G Lab File ID: VA006379.D

Level: (low/med) MED Date Received: 5/10/99

% Moisture: not dec. 15.1 Date Analyzed: 5/14/99

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: 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.: 4495 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4472.11

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006380.D

Level: (low/med) MED Date Received: 5/10/99

% Moisture: not dec. 13.02 Date Analyzed: 5/14/99

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	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

132

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4495 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4472.11

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006380.D

Level: (low/med) MED Date Received: 5/10/99

% Moisture: not dec. 13.02 Date Analyzed: 5/14/99

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	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. 132

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4495 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4472.11

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006380.D

Level: (low/med) MED Date Received: 5/10/99

% Moisture: not dec. 13.02 Date Analyzed: 5/14/99

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: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

133

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4495 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4472.13

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006381.D

Level: (low/med) MED Date Received: 5/10/99

% Moisture: not dec. 8.34 Date Analyzed: 5/14/99

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	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

133

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4495 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4472.13

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006381.D

Level: (low/med) MED Date Received: 5/10/99

% Moisture: not dec. 8.34 Date Analyzed: 5/14/99

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	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. 133

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4495 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4472.13

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006381.D

Level: (low/med) MED Date Received: 5/10/99

% Moisture: not dec. 8.34 Date Analyzed: 5/14/99

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: 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.: 4495 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4472.15

Sample wt/vol: 10.6 (g/ml) G Lab File ID: VA006382.D

Level: (low/med) MED Date Received: 5/10/99

% Moisture: not dec. 6.37 Date Analyzed: 5/14/99

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	3300	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

134

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4495 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4472.15

Sample wt/vol: 10.6 (g/ml) G Lab File ID: VA006382.D

Level: (low/med) MED Date Received: 5/10/99

% Moisture: not dec. 6.37 Date Analyzed: 5/14/99

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	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.

134

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4495 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4472.15

Sample wt/vol: 10.6 (g/ml) G Lab File ID: VA006382.D

Level: (low/med) MED Date Received: 5/10/99

% Moisture: not dec. 6.37 Date Analyzed: 5/14/99

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: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

135

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4495 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4472.17

Sample wt/vol: 10.4 (g/ml) G Lab File ID: VA006383.D

Level: (low/med) MED Date Received: 5/10/99

% Moisture: not dec. 14.99 Date Analyzed: 5/14/99

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	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

135

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4495 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4472.17

Sample wt/vol: 10.4 (g/ml) G Lab File ID: VA006383.D

Level: (low/med) MED Date Received: 5/10/99

% Moisture: not dec. 14.99 Date Analyzed: 5/14/99

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	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.

135

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4495 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4472.17

Sample wt/vol: 10.4 (g/ml) G Lab File ID: VA006383.D

Level: (low/med) MED Date Received: 5/10/99

% Moisture: not dec. 14.99 Date Analyzed: 5/14/99

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: 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.: 4495 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4472.19

Sample wt/vol: 10.7 (g/ml) G Lab File ID: VA006384.D

Level: (low/med) MED Date Received: 5/10/99

% Moisture: not dec. 11.66 Date Analyzed: 5/14/99

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	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

136

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4495 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4472.19

Sample wt/vol: 10.7 (g/ml) G Lab File ID: VA006384.D

Level: (low/med) MED Date Received: 5/10/99

% Moisture: not dec. 11.66 Date Analyzed: 5/14/99

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	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.

136

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4495 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4472.19

Sample wt/vol: 10.7 (g/ml) G Lab File ID: VA006384.D

Level: (low/med) MED Date Received: 5/10/99

% Moisture: not dec. 11.66 Date Analyzed: 5/14/99

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: 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.: 4495 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4472.21

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VA006385.D

Level: (low/med) MED Date Received: 5/10/99

% Moisture: not dec. 10.74 Date Analyzed: 5/14/99

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	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

137

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4495 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4472.21

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VA006385.D

Level: (low/med) MED Date Received: 5/10/99

% Moisture: not dec. 10.74 Date Analyzed: 5/14/99

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	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. 137

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4495 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4472.21

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VA006385.D

Level: (low/med) MED Date Received: 5/10/99

% Moisture: not dec. 10.74 Date Analyzed: 5/14/99

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: 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.: 4495 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4472.23

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VA006386.D

Level: (low/med) MED Date Received: 5/10/99

% Moisture: not dec. 9.98 Date Analyzed: 5/14/99

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	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

138

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4495 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4472.23

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VA006386.D

Level: (low/med) MED Date Received: 5/10/99

% Moisture: not dec. 9.98 Date Analyzed: 5/14/99

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	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.

138

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4495 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4472.23

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VA006386.D

Level: (low/med) MED Date Received: 5/10/99

% Moisture: not dec. 9.98 Date Analyzed: 5/14/99

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: 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.: 4495 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4472.25

Sample wt/vol: 10.6 (g/ml) G Lab File ID: VA006387.D

Level: (low/med) MED Date Received: 5/10/99

% Moisture: not dec. 16.24 Date Analyzed: 5/14/99

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	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

139

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4495 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4472.25

Sample wt/vol: 10.6 (g/ml) G Lab File ID: VA006387.D

Level: (low/med) MED Date Received: 5/10/99

% Moisture: not dec. 16.24 Date Analyzed: 5/14/99

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	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. 139

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4495 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4472.25

Sample wt/vol: 10.6 (g/ml) G Lab File ID: VA006387.D

Level: (low/med) MED Date Received: 5/10/99

% Moisture: not dec. 16.24 Date Analyzed: 5/14/99

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: 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.: 4495 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4472.27

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VA006388.D

Level: (low/med) MED Date Received: 5/10/99

% Moisture: not dec. 14.13 Date Analyzed: 5/14/99

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	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

140

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4495 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4472.27

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VA006388.D

Level: (low/med) MED Date Received: 5/10/99

% Moisture: not dec. 14.13 Date Analyzed: 5/14/99

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	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.

140

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4495 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4472.27

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VA006388.D

Level: (low/med) MED Date Received: 5/10/99

% Moisture: not dec. 14.13 Date Analyzed: 5/14/99

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: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

141

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4495 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4472.29

Sample wt/vol: 8.6 (g/ml) G Lab File ID: VA006389.D

Level: (low/med) MED Date Received: 5/10/99

% Moisture: not dec. 15.49 Date Analyzed: 5/14/99

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	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

141

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4495 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4472.29

Sample wt/vol: 8.6 (g/ml) G Lab File ID: VA006389.D

Level: (low/med) MED Date Received: 5/10/99

% Moisture: not dec. 15.49 Date Analyzed: 5/14/99

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	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. 141

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4495 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4472.29

Sample wt/vol: 8.6 (g/ml) G Lab File ID: VA006389.D

Level: (low/med) MED Date Received: 5/10/99

% Moisture: not dec. 15.49 Date Analyzed: 5/14/99

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: 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.: 4495 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4472.31

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VA006419.D

Level: (low/med) MED Date Received: 5/10/99

% Moisture: not dec. 6.36 Date Analyzed: 5/18/99

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	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	3200	
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

142

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4495 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4472.31

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VA006419.D

Level: (low/med) MED Date Received: 5/10/99

% Moisture: not dec. 6.36 Date Analyzed: 5/18/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	820	U
1330-20-7	o-Xylene	540	U
100-42-5	Styrene	540	U
75-25-2	Bromoform	540	U
79-34-5	1,1,2,2-Tetrachloroethane	540	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID. 142

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4495 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4472.31

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VA006419.D

Level: (low/med) MED Date Received: 5/10/99

% Moisture: not dec. 6.36 Date Analyzed: 5/18/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 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. 000110-54-3	Hexane	10.11	2500	JN
2.	unknown	24.98	2200	J

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

142A

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4475 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4475.03

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VA006422.D

Level: (low/med) MED Date Received: 5/11/99

% Moisture: not dec. 5.84 Date Analyzed: 5/18/99

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

142A

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4475 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4475.03

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VA006422.D

Level: (low/med) MED Date Received: 5/11/99

% Moisture: not dec. 5.84 Date Analyzed: 5/18/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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.

142A

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4475 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4475.03

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VA006422.D

Level: (low/med) MED Date Received: 5/11/99

% Moisture: not dec. 5.84 Date Analyzed: 5/18/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 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	9.34	2200	J
2. 000110-54-3	Hexane	10.10	2700	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

143

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4475 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4475.05

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VA006423.D

Level: (low/med) MED Date Received: 5/11/99

% Moisture: not dec. 9.55 Date Analyzed: 5/18/99

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	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

143

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4475 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4475.05

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VA006423.D

Level: (low/med) MED Date Received: 5/11/99

% Moisture: not dec. 9.55 Date Analyzed: 5/18/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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.

143

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4475 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4475.05

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VA006423.D

Level: (low/med) MED Date Received: 5/11/99

% Moisture: not dec. 9.55 Date Analyzed: 5/18/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 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	9.34	2000	J
2. 000110-54-3	Hexane	10.10	2400	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

144

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4475 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4475.07

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VA006424.D

Level: (low/med) MED Date Received: 5/11/99

% Moisture: not dec. 8.57 Date Analyzed: 5/18/99

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

144

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4475 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4475.07

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VA006424.D

Level: (low/med) MED Date Received: 5/11/99

% Moisture: not dec. 8.57 Date Analyzed: 5/18/99

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.

144

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4475 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4475.07

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VA006424.D

Level: (low/med) MED Date Received: 5/11/99

% Moisture: not dec. 8.57 Date Analyzed: 5/18/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 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	2500	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

145

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4475 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4475.09

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VA006425.D

Level: (low/med) MED Date Received: 5/11/99

% Moisture: not dec. 14.46 Date Analyzed: 5/18/99

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	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

145

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4475 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4475.09

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VA006425.D

Level: (low/med) MED Date Received: 5/11/99

% Moisture: not dec. 14.46 Date Analyzed: 5/18/99

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.

145

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4475 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4475.09

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VA006425.D

Level: (low/med) MED Date Received: 5/11/99

% Moisture: not dec. 14.46 Date Analyzed: 5/18/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 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	9.33	1900	J

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

146

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4475 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4475.11

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VA006426.D

Level: (low/med) MED Date Received: 5/11/99

% Moisture: not dec. 10.31 Date Analyzed: 5/18/99

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	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

146

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4475 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4475.11

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VA006426.D

Level: (low/med) MED Date Received: 5/11/99

% Moisture: not dec. 10.31 Date Analyzed: 5/18/99

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. 146

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4475 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4475.11

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VA006426.D

Level: (low/med) MED Date Received: 5/11/99

% Moisture: not dec. 10.31 Date Analyzed: 5/18/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 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

147

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4475 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4475.13

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VA006427.D

Level: (low/med) MED Date Received: 5/11/99

% Moisture: not dec. 9.44 Date Analyzed: 5/18/99

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

147

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4475 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4475.13

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VA006427.D

Level: (low/med) MED Date Received: 5/11/99

% Moisture: not dec. 9.44 Date Analyzed: 5/18/99

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.

147

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4475 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4475.13

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VA006427.D

Level: (low/med) MED Date Received: 5/11/99

% Moisture: not dec. 9.44 Date Analyzed: 5/18/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 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	3200	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

148

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4475 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4475.15

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VA006428.D

Level: (low/med) MED Date Received: 5/11/99

% Moisture: not dec. 16.27 Date Analyzed: 5/18/99

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

148

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4475 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4475.15

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VA006428.D

Level: (low/med) MED Date Received: 5/11/99

% Moisture: not dec. 16.27 Date Analyzed: 5/18/99

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.

148

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4475 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4475.15

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VA006428.D

Level: (low/med) MED Date Received: 5/11/99

% Moisture: not dec. 16.27 Date Analyzed: 5/18/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 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

149

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4475 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4475.17

Sample wt/vol: 8.2 (g/ml) G Lab File ID: VA006429.D

Level: (low/med) MED Date Received: 5/11/99

% Moisture: not dec. 13.85 Date Analyzed: 5/18/99

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	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

149

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4475 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4475.17

Sample wt/vol: 8.2 (g/ml) G Lab File ID: VA006429.D

Level: (low/med) MED Date Received: 5/11/99

% Moisture: not dec. 13.85 Date Analyzed: 5/18/99

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.

149

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4475 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4475.17

Sample wt/vol: 8.2 (g/ml) G Lab File ID: VA006429.D

Level: (low/med) MED Date Received: 5/11/99

% Moisture: not dec. 13.85 Date Analyzed: 5/18/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 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.

VOLATILE ORGANICS ANALYSIS DATA SHEET

150

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4475 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4475.19

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VA006430.D

Level: (low/med) MED Date Received: 5/11/99

% Moisture: not dec. 20.71 Date Analyzed: 5/18/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil 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

150

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4475 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4475.19

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VA006430.D

Level: (low/med) MED Date Received: 5/11/99

% Moisture: not dec. 20.71 Date Analyzed: 5/18/99

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.

150

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4475 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4475.19

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VA006430.D

Level: (low/med) MED Date Received: 5/11/99

% Moisture: not dec. 20.71 Date Analyzed: 5/18/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 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	3600	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

151

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4475 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4475.21

Sample wt/vol: 7.8 (g/ml) G Lab File ID: VA006431.D

Level: (low/med) MED Date Received: 5/11/99

% Moisture: not dec. 15.72 Date Analyzed: 5/18/99

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	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

151

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4475 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4475.21

Sample wt/vol: 7.8 (g/ml) G Lab File ID: VA006431.D

Level: (low/med) MED Date Received: 5/11/99

% Moisture: not dec. 15.72 Date Analyzed: 5/18/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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.

151

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4475 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4475.21

Sample wt/vol: 7.8 (g/ml) G Lab File ID: VA006431.D

Level: (low/med) MED Date Received: 5/11/99

% Moisture: not dec. 15.72 Date Analyzed: 5/18/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 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

152

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4475 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4475.23

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VA006485.D

Level: (low/med) MED Date Received: 5/11/99

% Moisture: not dec. 14.11 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	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

152

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4475 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4475.23

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VA006485.D

Level: (low/med) MED Date Received: 5/11/99

% Moisture: not dec. 14.11 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
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.

152

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4475 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4475.23

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VA006485.D

Level: (low/med) MED Date Received: 5/11/99

% Moisture: not dec. 14.11 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. 000110-54-3	Hexane	10.10	2700	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

153

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4475 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4475.25

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VA006486.D

Level: (low/med) MED Date Received: 5/11/99

% Moisture: not dec. 9.78 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	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

153

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4475 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4475.25

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VA006486.D

Level: (low/med) MED Date Received: 5/11/99

% Moisture: not dec. 9.78 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
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.

153

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4475 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4475.25

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VA006486.D

Level: (low/med) MED Date Received: 5/11/99

% Moisture: not dec. 9.78 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. 000110-54-3	Hexane	10.10	4200	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

154

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4475 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4475.27

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006487.D

Level: (low/med) MED Date Received: 5/11/99

% Moisture: not dec. 9.65 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	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3600	U
1634044	Methyl-tert-Butyl ether	840	U
108203	Di-isopropyl ether	560	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	840	U
74-83-9	Bromomethane	560	U
75-00-3	Chloroethane	840	U
75-69-4	Trichlorofluoromethane	560	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	560	U
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	560	U
156-60-5	trans-1,2-Dichloroethene	560	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	840	U
78-93-3	2-Butanone	840	U
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	280	U
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	560	U
71-43-2	Benzene	280	U
107-06-2	1,2-Dichloroethane	560	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	560	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	560	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	560	U
79-00-5	1,1,2-Trichloroethane	560	U
127-18-4	Tetrachloroethene	280	U
591-78-6	2-Hexanone	560	U
126-48-1	Dibromochloromethane	560	U
108-90-7	Chlorobenzene	280	U
100-41-4	Ethylbenzene	560	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

154

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4475 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4475.27

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006487.D

Level: (low/med) MED Date Received: 5/11/99

% Moisture: not dec. 9.65 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	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.

154

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4475 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4475.27

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006487.D

Level: (low/med) MED Date Received: 5/11/99

% Moisture: not dec. 9.65 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. 000110-54-3	Hexane	10.10	3400	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

155

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4475 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4475.29

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VA006488.D

Level: (low/med) MED Date Received: 5/11/99

% Moisture: not dec. 8.83 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	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

155

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4475 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4475.29

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VA006488.D

Level: (low/med) MED Date Received: 5/11/99

% Moisture: not dec. 8.83 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
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.

155

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4475 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4475.29

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VA006488.D

Level: (low/med) MED Date Received: 5/11/99

% Moisture: not dec. 8.83 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. 000110-54-3	Hexane	10.10	5000	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

156

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4475 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4475.31

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VA006489.D

Level: (low/med) MED Date Received: 5/11/99

% Moisture: not dec. 15.85 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	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

156

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4475 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4475.31

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VA006489.D

Level: (low/med) MED Date Received: 5/11/99

% Moisture: not dec. 15.85 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
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. 156

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4475 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4475.31

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VA006489.D

Level: (low/med) MED Date Received: 5/11/99

% Moisture: not dec. 15.85 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. 000110-54-3	Hexane	10.10	4300	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

157

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4475 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4475.33

Sample wt/vol: 9.5 (g/ml) G Lab File ID: VA006500.D

Level: (low/med) MED Date Received: 5/11/99

% 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)

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

157

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4475 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4475.33

Sample wt/vol: 9.5 (g/ml) G Lab File ID: VA006500.D

Level: (low/med) MED Date Received: 5/11/99

% 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)

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. 157

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4475 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4475.33

Sample wt/vol: 9.5 (g/ml) G Lab File ID: VA006500.D

Level: (low/med) MED Date Received: 5/11/99

% 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: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	10.12	4900	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

158

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4485 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4485.03

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VA006472.D

Level: (low/med) MED Date Received: 5/14/99

% Moisture: not dec. 19.94 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	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

158

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4485 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4485.03

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VA006472.D

Level: (low/med) MED Date Received: 5/14/99

% Moisture: not dec. 19.94 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	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.

158

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4485 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4485.03

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VA006472.D

Level: (low/med) MED Date Received: 5/14/99

% Moisture: not dec. 19.94 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

159

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4485 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4485.05

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VA006475.D

Level: (low/med) MED Date Received: 5/14/99

% Moisture: not dec. 33.63 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	2700	U
107131	Acrylonitrile	2700	U
75650	tert-Butyl alcohol	5100	U
1634044	Methyl-tert-Butyl ether	1200	U
108203	Di-isopropyl ether	780	U
	Dichlorodifluoromethane	1600	U
74-87-3	Chloromethane	390	U
75-01-4	Vinyl Chloride	1200	U
74-83-9	Bromomethane	780	U
75-00-3	Chloroethane	1200	U
75-69-4	Trichlorofluoromethane	780	U
75-35-4	1,1-Dichloroethene	390	U
67-64-1	Acetone	780	U
75-15-0	Carbon Disulfide	390	U
75-09-2	Methylene Chloride	780	U
156-60-5	trans-1,2-Dichloroethene	780	U
75-35-3	1,1-Dichloroethane	390	U
108-05-4	Vinyl Acetate	1200	U
78-93-3	2-Butanone	1200	U
	cis-1,2-Dichloroethene	390	U
67-66-3	Chloroform	390	U
75-55-6	1,1,1-Trichloroethane	390	U
56-23-5	Carbon Tetrachloride	780	U
71-43-2	Benzene	390	U
107-06-2	1,2-Dichloroethane	780	U
79-01-6	Trichloroethene	390	U
78-87-5	1,2-Dichloropropane	390	U
75-27-4	Bromodichloromethane	390	U
110-75-8	2-Chloroethyl vinyl ether	780	U
10061-01-5	cis-1,3-Dichloropropene	390	U
108-10-1	4-Methyl-2-Pentanone	780	U
108-88-3	Toluene	390	U
10061-02-6	trans-1,3-Dichloropropene	780	U
79-00-5	1,1,2-Trichloroethane	780	U
127-18-4	Tetrachloroethene	390	U
591-78-6	2-Hexanone	780	U
126-48-1	Dibromochloromethane	780	U
108-90-7	Chlorobenzene	390	U
100-41-4	Ethylbenzene	780	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

159

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4485 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4485.05

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VA006475.D

Level: (low/med) MED Date Received: 5/14/99

% Moisture: not dec. 33.63 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	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. 159

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4485 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4485.05

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VA006475.D

Level: (low/med) MED Date Received: 5/14/99

% Moisture: not dec. 33.63 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

160

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4485 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4485.07

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VA006476.D

Level: (low/med) MED Date Received: 5/14/99

% Moisture: not dec. 14.44 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	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

160

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4485 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4485.07

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VA006476.D

Level: (low/med) MED Date Received: 5/14/99

% Moisture: not dec. 14.44 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	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. 160

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4485 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4485.07

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VA006476.D

Level: (low/med) MED Date Received: 5/14/99

% Moisture: not dec. 14.44 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

161

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4485 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4485.09

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VA006477.D

Level: (low/med) MED Date Received: 5/14/99

% Moisture: not dec. 13.81 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	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

161

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4485 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4485.09

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VA006477.D

Level: (low/med) MED Date Received: 5/14/99

% Moisture: not dec. 13.81 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	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.

161

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4485 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4485.09

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VA006477.D

Level: (low/med) MED Date Received: 5/14/99

% Moisture: not dec. 13.81 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

162

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4485 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4485.11

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VA006478.D

Level: (low/med) MED Date Received: 5/14/99

% Moisture: not dec. 12.31 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	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

162

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4485 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4485.11

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VA006478.D

Level: (low/med) MED Date Received: 5/14/99

% Moisture: not dec. 12.31 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. 162

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4485 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4485.11

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VA006478.D

Level: (low/med) MED Date Received: 5/14/99

% Moisture: not dec. 12.31 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

163

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4485 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4485.13

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VA006479.D

Level: (low/med) MED Date Received: 5/14/99

% Moisture: not dec. 14.47 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	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

163

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4485 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4485.13

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VA006479.D

Level: (low/med) MED Date Received: 5/14/99

% Moisture: not dec. 14.47 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	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.

163

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4485 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4485.13

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VA006479.D

Level: (low/med) MED Date Received: 5/14/99

% Moisture: not dec. 14.47 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

164

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4485 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4485.15

Sample wt/vol: 10.4 (g/ml) G Lab File ID: VA006480.D

Level: (low/med) MED Date Received: 5/14/99

% Moisture: not dec. 9.85 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	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

164

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4485 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4485.15

Sample wt/vol: 10.4 (g/ml) G Lab File ID: VA006480.D

Level: (low/med) MED Date Received: 5/14/99

% Moisture: not dec. 9.85 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
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. 164

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4485 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4485.15

Sample wt/vol: 10.4 (g/ml) G Lab File ID: VA006480.D

Level: (low/med) MED Date Received: 5/14/99

% Moisture: not dec. 9.85 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

165

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4485 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4485.17

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VA006491.D

Level: (low/med) MED Date Received: 5/14/99

% Moisture: not dec. 15.53 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	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

165

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4485 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4485.17

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VA006491.D

Level: (low/med) MED Date Received: 5/14/99

% Moisture: not dec. 15.53 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	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. 165

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4485 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4485.17

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VA006491.D

Level: (low/med) MED Date Received: 5/14/99

% Moisture: not dec. 15.53 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. 000110-54-3	Hexane	10.10	2700	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

166

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4485 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4485.19

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VA006492.D

Level: (low/med) MED Date Received: 5/14/99

% Moisture: not dec. 10.64 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)

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	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

166

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4485 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4485.19

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VA006492.D

Level: (low/med) MED Date Received: 5/14/99

% Moisture: not dec. 10.64 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)

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. 166

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4485 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4485.19

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VA006492.D

Level: (low/med) MED Date Received: 5/14/99

% Moisture: not dec. 10.64 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. 000110-54-3	Hexane	10.10	4500	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

167

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4485 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4485.21

Sample wt/vol: 10.5 (g/ml) G Lab File ID: VA006493.D

Level: (low/med) MED Date Received: 5/14/99

% Moisture: not dec. 14.89 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	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

167

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4485 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4485.21

Sample wt/vol: 10.5 (g/ml) G Lab File ID: VA006493.D

Level: (low/med) MED Date Received: 5/14/99

% Moisture: not dec. 14.89 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
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. 167

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4485 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4485.21

Sample wt/vol: 10.5 (g/ml) G Lab File ID: VA006493.D

Level: (low/med) MED Date Received: 5/14/99

% Moisture: not dec. 14.89 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. 000110-54-3	Hexane	10.11	5100	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

168

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4485 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4485.23

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VA006494.D

Level: (low/med) MED Date Received: 5/14/99

% Moisture: not dec. 8.16 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	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

168

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4485 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4485.23

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VA006494.D

Level: (low/med) MED Date Received: 5/14/99

% Moisture: not dec. 8.16 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	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.

168

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4485 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4485.23

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VA006494.D

Level: (low/med) MED Date Received: 5/14/99

% Moisture: not dec. 8.16 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. 000110-54-3	Hexane	10.10	4300	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

169

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4485 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4485.25

Sample wt/vol: 8.7 (g/ml) G Lab File ID: VA006495.D

Level: (low/med) MED Date Received: 5/14/99

% Moisture: not dec. 12.49 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	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

169

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4485 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4485.25

Sample wt/vol: 8.7 (g/ml) G Lab File ID: VA006495.D

Level: (low/med) MED Date Received: 5/14/99

% Moisture: not dec. 12.49 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
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. 169

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4485 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4485.25

Sample wt/vol: 8.7 (g/ml) G Lab File ID: VA006495.D

Level: (low/med) MED Date Received: 5/14/99

% Moisture: not dec. 12.49 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

170

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4485 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4485.27

Sample wt/vol: 11.5 (g/ml) G Lab File ID: VA006496.D

Level: (low/med) MED Date Received: 5/14/99

% Moisture: not dec. 10.56 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	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	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

170

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4485 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4485.27

Sample wt/vol: 11.5 (g/ml) G Lab File ID: VA006496.D

Level: (low/med) MED Date Received: 5/14/99

% Moisture: not dec. 10.56 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
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.

170

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4485 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4485.27

Sample wt/vol: 11.5 (g/ml) G Lab File ID: VA006496.D

Level: (low/med) MED Date Received: 5/14/99

% Moisture: not dec. 10.56 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. 000110-54-3	Hexane	10.11	4100	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

171

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4491 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4491.03

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VA006505.D

Level: (low/med) MED Date Received: 5/17/99

% Moisture: not dec. 12.98 Date Analyzed: 5/24/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil 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.

VOLATILE ORGANICS ANALYSIS DATA SHEET

171

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4491 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4491.03

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VA006505.D

Level: (low/med) MED Date Received: 5/17/99

% Moisture: not dec. 12.98 Date Analyzed: 5/24/99

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. 171

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4491 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4491.03

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VA006505.D

Level: (low/med) MED Date Received: 5/17/99

% Moisture: not dec. 12.98 Date Analyzed: 5/24/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 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

172

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4491 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4491.05

Sample wt/vol: 10.6 (g/ml) G Lab File ID: VA006506.D

Level: (low/med) MED Date Received: 5/17/99

% Moisture: not dec. 15.11 Date Analyzed: 5/24/99

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

172

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4491 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4491.05

Sample wt/vol: 10.6 (g/ml) G Lab File ID: VA006506.D

Level: (low/med) MED Date Received: 5/17/99

% Moisture: not dec. 15.11 Date Analyzed: 5/24/99

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. 172

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4491 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4491.05

Sample wt/vol: 10.6 (g/ml) G Lab File ID: VA006506.D

Level: (low/med) MED Date Received: 5/17/99

% Moisture: not dec. 15.11 Date Analyzed: 5/24/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 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	10.10	1200	J

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

173

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4491 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4491.07

Sample wt/vol: 8.5 (g/ml) G Lab File ID: VA006507.D

Level: (low/med) MED Date Received: 5/17/99

% Moisture: not dec. 14.29 Date Analyzed: 5/24/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil 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

173

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4491 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4491.07

Sample wt/vol: 8.5 (g/ml) G Lab File ID: VA006507.D

Level: (low/med) MED Date Received: 5/17/99

% Moisture: not dec. 14.29 Date Analyzed: 5/24/99

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. 173

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4491 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4491.07

Sample wt/vol: 8.5 (g/ml) G Lab File ID: VA006507.D

Level: (low/med) MED Date Received: 5/17/99

% Moisture: not dec. 14.29 Date Analyzed: 5/24/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 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	3100	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

174

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4491 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4491.09

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VA006508.D

Level: (low/med) MED Date Received: 5/17/99

% Moisture: not dec. 12.96 Date Analyzed: 5/24/99

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

174

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4491 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4491.09

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VA006508.D

Level: (low/med) MED Date Received: 5/17/99

% Moisture: not dec. 12.96 Date Analyzed: 5/24/99

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. 174

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4491 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4491.09

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VA006508.D

Level: (low/med) MED Date Received: 5/17/99

% Moisture: not dec. 12.96 Date Analyzed: 5/24/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 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	2300	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

175

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4491 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4491.11

Sample wt/vol: 9.5 (g/ml) G Lab File ID: VA006509.D

Level: (low/med) MED Date Received: 5/17/99

% Moisture: not dec. 10.85 Date Analyzed: 5/24/99

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

175

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4491 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4491.11

Sample wt/vol: 9.5 (g/ml) G Lab File ID: VA006509.D

Level: (low/med) MED Date Received: 5/17/99

% Moisture: not dec. 10.85 Date Analyzed: 5/24/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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.

175

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4491 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4491.11

Sample wt/vol: 9.5 (g/ml) G Lab File ID: VA006509.D

Level: (low/med) MED Date Received: 5/17/99

% Moisture: not dec. 10.85 Date Analyzed: 5/24/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 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

176

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4491 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4491.13

Sample wt/vol: 10.8 (g/ml) G Lab File ID: VA006510.D

Level: (low/med) MED Date Received: 5/17/99

% Moisture: not dec. 11.58 Date Analyzed: 5/24/99

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	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

176

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4491 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4491.13

Sample wt/vol: 10.8 (g/ml) G Lab File ID: VA006510.D

Level: (low/med) MED Date Received: 5/17/99

% Moisture: not dec. 11.58 Date Analyzed: 5/24/99

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. 176

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4491 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4491.13

Sample wt/vol: 10.8 (g/ml) G Lab File ID: VA006510.D

Level: (low/med) MED Date Received: 5/17/99

% Moisture: not dec. 11.58 Date Analyzed: 5/24/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 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	1400	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

177

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4491 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4491.15

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VA006511.D

Level: (low/med) MED Date Received: 5/17/99

% Moisture: not dec. 11.93 Date Analyzed: 5/24/99

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

177

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4491 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4491.15

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VA006511.D

Level: (low/med) MED Date Received: 5/17/99

% Moisture: not dec. 11.93 Date Analyzed: 5/24/99

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.

177

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4491 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4491.15

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VA006511.D

Level: (low/med) MED Date Received: 5/17/99

% Moisture: not dec. 11.93 Date Analyzed: 5/24/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 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	2400	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

178

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4491 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4491.17

Sample wt/vol: 11.8 (g/ml) G Lab File ID: VA006512.D

Level: (low/med) MED Date Received: 5/17/99

% Moisture: not dec. 11.96 Date Analyzed: 5/24/99

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	3100	U
1634044	Methyl-tert-Butyl ether	730	U
108203	Di-isopropyl ether	480	U
	Dichlorodifluoromethane	970	U
74-87-3	Chloromethane	240	U
75-01-4	Vinyl Chloride	730	U
74-83-9	Bromomethane	480	U
75-00-3	Chloroethane	730	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	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	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

178

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4491 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4491.17

Sample wt/vol: 11.8 (g/ml) G Lab File ID: VA006512.D

Level: (low/med) MED Date Received: 5/17/99

% Moisture: not dec. 11.96 Date Analyzed: 5/24/99

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	730	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.

178

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4491 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4491.17

Sample wt/vol: 11.8 (g/ml) G Lab File ID: VA006512.D

Level: (low/med) MED Date Received: 5/17/99

% Moisture: not dec. 11.96 Date Analyzed: 5/24/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 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

179

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4491 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4491.19

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VA006513.D

Level: (low/med) MED Date Received: 5/17/99

% Moisture: not dec. 10.93 Date Analyzed: 5/24/99

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	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

179

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4491 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4491.19

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VA006513.D

Level: (low/med) MED Date Received: 5/17/99

% Moisture: not dec. 10.93 Date Analyzed: 5/24/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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. **179**

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4491 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4491.19

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VA006513.D

Level: (low/med) MED Date Received: 5/17/99

% Moisture: not dec. 10.93 Date Analyzed: 5/24/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 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	10.12	2300	J

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

180

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4491 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4491.21

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VA006514.D

Level: (low/med) MED Date Received: 5/17/99

% Moisture: not dec. 26.65 Date Analyzed: 5/24/99

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

180

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4491 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4491.21

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VA006514.D

Level: (low/med) MED Date Received: 5/17/99

% Moisture: not dec. 26.65 Date Analyzed: 5/24/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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.

180

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4491 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4491.21

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VA006514.D

Level: (low/med) MED Date Received: 5/17/99

% Moisture: not dec. 26.65 Date Analyzed: 5/24/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 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	1800	J

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

181

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4491 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4491.23

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VA006515.D

Level: (low/med) MED Date Received: 5/17/99

% Moisture: not dec. 10.05 Date Analyzed: 5/24/99

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

181

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4491 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4491.23

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VA006515.D

Level: (low/med) MED Date Received: 5/17/99

% Moisture: not dec. 10.05 Date Analyzed: 5/24/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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.

181

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4491 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4491.23

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VA006515.D

Level: (low/med) MED Date Received: 5/17/99

% Moisture: not dec. 10.05 Date Analyzed: 5/24/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 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

182

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4491 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4491.25

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VA006516.D

Level: (low/med) MED Date Received: 5/17/99

% Moisture: not dec. 11.44 Date Analyzed: 5/24/99

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	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

182

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4491 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4491.25

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VA006516.D

Level: (low/med) MED Date Received: 5/17/99

% Moisture: not dec. 11.44 Date Analyzed: 5/24/99

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	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.

182

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4491 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4491.25

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VA006516.D

Level: (low/med) MED Date Received: 5/17/99

% Moisture: not dec. 11.44 Date Analyzed: 5/24/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 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	2800	JN

001205

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

183

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4491 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4491.27

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VA006517.D

Level: (low/med) MED Date Received: 5/17/99

% Moisture: not dec. 13.07 Date Analyzed: 5/24/99

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

183

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4491 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4491.27

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VA006517.D

Level: (low/med) MED Date Received: 5/17/99

% Moisture: not dec. 13.07 Date Analyzed: 5/24/99

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.

183

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4491 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4491.27

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VA006517.D

Level: (low/med) MED Date Received: 5/17/99

% Moisture: not dec. 13.07 Date Analyzed: 5/24/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 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

184

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4491 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4491.29

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VA006518.D

Level: (low/med) MED Date Received: 5/17/99

% Moisture: not dec. 9.61 Date Analyzed: 5/24/99

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

184

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4491 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4491.29

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VA006518.D

Level: (low/med) MED Date Received: 5/17/99

% Moisture: not dec. 9.61 Date Analyzed: 5/24/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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.

184

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4491 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4491.29

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VA006518.D

Level: (low/med) MED Date Received: 5/17/99

% Moisture: not dec. 9.61 Date Analyzed: 5/24/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 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	2800	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

185

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4494 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4494.03

Sample wt/vol: 10.4 (g/ml) G Lab File ID: VA006538.D

Level: (low/med) MED Date Received: 5/18/99

% Moisture: not dec. 8.86 Date Analyzed: 5/27/99

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

185

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4494 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4494.03

Sample wt/vol: 10.4 (g/ml) G Lab File ID: VA006538.D

Level: (low/med) MED Date Received: 5/18/99

% Moisture: not dec. 8.86 Date Analyzed: 5/27/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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.

185

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4494 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4494.03

Sample wt/vol: 10.4 (g/ml) G Lab File ID: VA006538.D

Level: (low/med) MED Date Received: 5/18/99

% Moisture: not dec. 8.86 Date Analyzed: 5/27/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 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

186

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4494 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4494.05

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VA006539.D

Level: (low/med) MED Date Received: 5/18/99

% Moisture: not dec. 12.8 Date Analyzed: 5/27/99

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

186

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4494 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4494.05

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VA006539.D

Level: (low/med) MED Date Received: 5/18/99

% Moisture: not dec. 12.8 Date Analyzed: 5/27/99

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. 186

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4494 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4494.05

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VA006539.D

Level: (low/med) MED Date Received: 5/18/99

% Moisture: not dec. 12.8 Date Analyzed: 5/27/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 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	10.11	1100	J
2. 000108-87-2	Cyclohexane, methyl-	15.70	940	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

187

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4494 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4494.07

Sample wt/vol: 9.3 (g/ml) G Lab File ID: VA006540.D

Level: (low/med) MED Date Received: 5/18/99

% Moisture: not dec. 13.55 Date Analyzed: 5/27/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil 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

187

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4494 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4494.07

Sample wt/vol: 9.3 (g/ml) G Lab File ID: VA006540.D

Level: (low/med) MED Date Received: 5/18/99

% Moisture: not dec. 13.55 Date Analyzed: 5/27/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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.

187

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4494 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4494.07

Sample wt/vol: 9.3 (g/ml) G Lab File ID: VA006540.D

Level: (low/med) MED Date Received: 5/18/99

% Moisture: not dec. 13.55 Date Analyzed: 5/27/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 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

188

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4494 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4494.09

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VA006541.D

Level: (low/med) MED Date Received: 5/18/99

% Moisture: not dec. 5.08 Date Analyzed: 5/27/99

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	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

188

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4494 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4494.09

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VA006541.D

Level: (low/med) MED Date Received: 5/18/99

% Moisture: not dec. 5.08 Date Analyzed: 5/27/99

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	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.

188

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4494 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4494.09

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VA006541.D

Level: (low/med) MED Date Received: 5/18/99

% Moisture: not dec. 5.08 Date Analyzed: 5/27/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 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

189

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4494 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4494.11

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006542.D

Level: (low/med) MED Date Received: 5/18/99

% Moisture: not dec. 15.45 Date Analyzed: 5/27/99

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

189

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4494 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4494.11

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006542.D

Level: (low/med) MED Date Received: 5/18/99

% Moisture: not dec. 15.45 Date Analyzed: 5/27/99

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	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.

189

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4494 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4494.11

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006542.D

Level: (low/med) MED Date Received: 5/18/99

% Moisture: not dec. 15.45 Date Analyzed: 5/27/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 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.: 4494 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4494.13

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VA006543.D

Level: (low/med) MED Date Received: 5/18/99

% Moisture: not dec. 10.54 Date Analyzed: 5/27/99

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	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

190

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4494 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4494.13

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VA006543.D

Level: (low/med) MED Date Received: 5/18/99

% Moisture: not dec. 10.54 Date Analyzed: 5/27/99

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	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. 190

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4494 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4494.13

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VA006543.D

Level: (low/med) MED Date Received: 5/18/99

% Moisture: not dec. 10.54 Date Analyzed: 5/27/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 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

191

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4494 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4494.15

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VA006544.D

Level: (low/med) MED Date Received: 5/18/99

% Moisture: not dec. 12.41 Date Analyzed: 5/27/99

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	860	U
108203	Di-isopropyl ether	580	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	290	U
75-01-4	Vinyl Chloride	860	U
74-83-9	Bromomethane	580	U
75-00-3	Chloroethane	860	U
75-69-4	Trichlorofluoromethane	580	U
75-35-4	1,1-Dichloroethene	290	U
67-64-1	Acetone	580	U
75-15-0	Carbon Disulfide	290	U
75-09-2	Methylene Chloride	580	U
156-60-5	trans-1,2-Dichloroethene	580	U
75-35-3	1,1-Dichloroethane	290	U
108-05-4	Vinyl Acetate	860	U
78-93-3	2-Butanone	860	U
	cis-1,2-Dichloroethene	290	U
67-66-3	Chloroform	290	U
75-55-6	1,1,1-Trichloroethane	290	U
56-23-5	Carbon Tetrachloride	580	U
71-43-2	Benzene	290	U
107-06-2	1,2-Dichloroethane	580	U
79-01-6	Trichloroethene	290	U
78-87-5	1,2-Dichloropropane	290	U
75-27-4	Bromodichloromethane	290	U
110-75-8	2-Chloroethyl vinyl ether	580	U
10061-01-5	cis-1,3-Dichloropropene	290	U
108-10-1	4-Methyl-2-Pentanone	580	U
108-88-3	Toluene	290	U
10061-02-6	trans-1,3-Dichloropropene	580	U
79-00-5	1,1,2-Trichloroethane	580	U
127-18-4	Tetrachloroethene	290	U
591-78-6	2-Hexanone	580	U
126-48-1	Dibromochloromethane	580	U
108-90-7	Chlorobenzene	290	U
100-41-4	Ethylbenzene	580	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

191

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4494 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4494.15

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VA006544.D

Level: (low/med) MED Date Received: 5/18/99

% Moisture: not dec. 12.41 Date Analyzed: 5/27/99

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	860	U
1330-20-7	o-Xylene	580	U
100-42-5	Styrene	580	U
75-25-2	Bromoform	580	U
79-34-5	1,1,2,2-Tetrachloroethane	580	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

191

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4494 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4494.15

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VA006544.D

Level: (low/med) MED Date Received: 5/18/99

% Moisture: not dec. 12.41 Date Analyzed: 5/27/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 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	10.10	1700	J

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

192

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4494 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4494.17

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VA006545.D

Level: (low/med) MED Date Received: 5/18/99

% Moisture: not dec. 6.93 Date Analyzed: 5/27/99

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	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

192

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4494 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4494.17

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VA006545.D

Level: (low/med) MED Date Received: 5/18/99

% Moisture: not dec. 6.93 Date Analyzed: 5/27/99

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.

192

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4494 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4494.17

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VA006545.D

Level: (low/med) MED Date Received: 5/18/99

% Moisture: not dec. 6.93 Date Analyzed: 5/27/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 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	1000	J

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

193

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4494 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4494.19

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VA006546.D

Level: (low/med) MED Date Received: 5/18/99

% Moisture: not dec. 12.04 Date Analyzed: 5/27/99

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

193

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4494 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4494.19

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VA006546.D

Level: (low/med) MED Date Received: 5/18/99

% Moisture: not dec. 12.04 Date Analyzed: 5/27/99

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.

193

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4494 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4494.19

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VA006546.D

Level: (low/med) MED Date Received: 5/18/99

% Moisture: not dec. 12.04 Date Analyzed: 5/27/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 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	10.12	980	J

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

194

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4494 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4494.21

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006547.D

Level: (low/med) MED Date Received: 5/18/99

% Moisture: not dec. 14.97 Date Analyzed: 5/27/99

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	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

194

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4494 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4494.21

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006547.D

Level: (low/med) MED Date Received: 5/18/99

% Moisture: not dec. 14.97 Date Analyzed: 5/27/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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.

194

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4494 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4494.21

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006547.D

Level: (low/med) MED Date Received: 5/18/99

% Moisture: not dec. 14.97 Date Analyzed: 5/27/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 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-2 195

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4527 Location M-2 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4527.03

Sample wt/vol: 9.2 (g/ml) G Lab File ID: VA006571.D

Level: (low/med) MED Date Received: 6/1/99

% Moisture: not dec. 8.8 Date Analyzed: 6/2/99

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

FIELD ID

VOLATILE ORGANICS ANALYSIS DATA SHEET

M-2 195

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4527 Location M-2 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4527.03

Sample wt/vol: 9.2 (g/ml) G Lab File ID: VA006571.D

Level: (low/med) MED Date Received: 6/1/99

% Moisture: not dec. 8.8 Date Analyzed: 6/2/99

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
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **M-2 195**

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4527 Location M-2 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4527.03

Sample wt/vol: 9.2 (g/ml) G Lab File ID: VA006571.D

Level: (low/med) MED Date Received: 6/1/99

% Moisture: not dec. 8.8 Date Analyzed: 6/2/99

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

M-2 196

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4527 Location M-2 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4527.05

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VA006572.D

Level: (low/med) MED Date Received: 6/1/99

% Moisture: not dec. 6.57 Date Analyzed: 6/2/99

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	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

M-2 196

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4527 Location M-2 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4527.05

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VA006572.D

Level: (low/med) MED Date Received: 6/1/99

% Moisture: not dec. 6.57 Date Analyzed: 6/2/99

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: **M-2 196**

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4527 Location M-2 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4527.05

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VA006572.D

Level: (low/med) MED Date Received: 6/1/99

% Moisture: not dec. 6.57 Date Analyzed: 6/2/99

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

M-2 197

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4527 Location M-2 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4527.07

Sample wt/vol: 10.6 (g/ml) G Lab File ID: VA006573.D

Level: (low/med) MED Date Received: 6/1/99

% Moisture: not dec. 2.76 Date Analyzed: 6/2/99

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	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	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-2 197

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4527 Location M-2 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4527.07

Sample wt/vol: 10.6 (g/ml) G Lab File ID: VA006573.D

Level: (low/med) MED Date Received: 6/1/99

% Moisture: not dec. 2.76 Date Analyzed: 6/2/99

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	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-2 197

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4527 Location M-2 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4527.07

Sample wt/vol: 10.6 (g/ml) G Lab File ID: VA006573.D

Level: (low/med) MED Date Received: 6/1/99

% Moisture: not dec. 2.76 Date Analyzed: 6/2/99

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

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	10.10	3400	J

1A

FIELD ID

VOLATILE ORGANICS ANALYSIS DATA SHEET

M-2 198

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4527 Location M-2 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4527.09

Sample wt/vol: 8.7 (g/ml) G Lab File ID: VA006574.D

Level: (low/med) MED Date Received: 6/1/99

% Moisture: not dec. 10.17 Date Analyzed: 6/2/99

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

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2200	U
107131	Acrylonitrile	2200	U
75650	tert-Butyl alcohol	4100	U
1634044	Methyl-tert-Butyl ether	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

M-2 198

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4527 Location M-2 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4527.09

Sample wt/vol: 8.7 (g/ml) G Lab File ID: VA006574.D

Level: (low/med) MED Date Received: 6/1/99

% Moisture: not dec. 10.17 Date Analyzed: 6/2/99

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

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	950	U
1330-20-7	o-Xylene	640	U
100-42-5	Styrene	640	U
75-25-2	Bromoform	640	U
79-34-5	1,1,2,2-Tetrachloroethane	640	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **M-2 198**

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4527 Location M-2 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4527.09

Sample wt/vol: 8.7 (g/ml) G Lab File ID: VA006574.D

Level: (low/med) MED Date Received: 6/1/99

% Moisture: not dec. 10.17 Date Analyzed: 6/2/99

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

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	10.09	3400	J

1A

FIELD ID

VOLATILE ORGANICS ANALYSIS DATA SHEET

M-2 199

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4527 Location M-2 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4527.11

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VA006575.D

Level: (low/med) MED Date Received: 6/1/99

% Moisture: not dec. 11.17 Date Analyzed: 6/2/99

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	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-2 199

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4527 Location M-2 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4527.11

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VA006575.D

Level: (low/med) MED Date Received: 6/1/99

% Moisture: not dec. 11.17 Date Analyzed: 6/2/99

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	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-2 199

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4527 Location M-2 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4527.11

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VA006575.D

Level: (low/med) MED Date Received: 6/1/99

% Moisture: not dec. 11.17 Date Analyzed: 6/2/99

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

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	10.10	3000	J

1A

FIELD ID

VOLATILE ORGANICS ANALYSIS DATA SHEET

M-2 200

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4527 Location M-2 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4527.13

Sample wt/vol: 11.1 (g/ml) G Lab File ID: VA006576.D

Level: (low/med) MED Date Received: 6/1/99

% Moisture: not dec. 17.03 Date Analyzed: 6/2/99

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	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-2 200

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4527 Location M-2 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4527.13

Sample wt/vol: 11.1 (g/ml) G Lab File ID: VA006576.D

Level: (low/med) MED Date Received: 6/1/99

% Moisture: not dec. 17.03 Date Analyzed: 6/2/99

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	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-2 200**

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4527 Location M-2 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4527.13

Sample wt/vol: 11.1 (g/ml) G Lab File ID: VA006576.D

Level: (low/med) MED Date Received: 6/1/99

% Moisture: not dec. 17.03 Date Analyzed: 6/2/99

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

M-2 201

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4527 Location M-2 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4527.15

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006577.D

Level: (low/med) MED Date Received: 6/1/99

% Moisture: not dec. 6.85 Date Analyzed: 6/2/99

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

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3500	U
1634044	Methyl-tert-Butyl ether	810	U
108203	Di-isopropyl ether	540	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	270	U
75-01-4	Vinyl Chloride	810	U
74-83-9	Bromomethane	540	U
75-00-3	Chloroethane	810	U
75-69-4	Trichlorofluoromethane	540	U
75-35-4	1,1-Dichloroethene	270	U
67-64-1	Acetone	540	U
75-15-0	Carbon Disulfide	270	U
75-09-2	Methylene Chloride	540	U
156-60-5	trans-1,2-Dichloroethene	540	U
75-35-3	1,1-Dichloroethane	270	U
108-05-4	Vinyl Acetate	810	U
78-93-3	2-Butanone	810	U
	cis-1,2-Dichloroethene	270	U
67-66-3	Chloroform	270	U
75-55-6	1,1,1-Trichloroethane	270	U
56-23-5	Carbon Tetrachloride	540	U
71-43-2	Benzene	270	U
107-06-2	1,2-Dichloroethane	540	U
79-01-6	Trichloroethene	270	U
78-87-5	1,2-Dichloropropane	270	U
75-27-4	Bromodichloromethane	270	U
110-75-8	2-Chloroethyl vinyl ether	540	U
10061-01-5	cis-1,3-Dichloropropene	270	U
108-10-1	4-Methyl-2-Pentanone	540	U
108-88-3	Toluene	270	U
10061-02-6	trans-1,3-Dichloropropene	540	U
79-00-5	1,1,2-Trichloroethane	540	U
127-18-4	Tetrachloroethene	270	U
591-78-6	2-Hexanone	540	U
126-48-1	Dibromochloromethane	540	U
108-90-7	Chlorobenzene	270	U
100-41-4	Ethylbenzene	540	U

1A

FIELD ID

VOLATILE ORGANICS ANALYSIS DATA SHEET

M-2 201

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4527 Location M-2 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4527.15

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006577.D

Level: (low/med) MED Date Received: 6/1/99

% Moisture: not dec. 6.85 Date Analyzed: 6/2/99

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	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: **M-2 201**

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4527 Location M-2 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4527.15

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006577.D

Level: (low/med) MED Date Received: 6/1/99

% Moisture: not dec. 6.85 Date Analyzed: 6/2/99

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

M-2 202

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4527 Location M-2 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4527.17

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VA006578.D

Level: (low/med) MED Date Received: 6/1/99

% Moisture: not dec. 17.27 Date Analyzed: 6/2/99

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

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2200	U
107131	Acrylonitrile	2200	U
75650	tert-Butyl alcohol	4100	U
1634044	Methyl-tert-Butyl ether	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

M-2 202

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4527 Location M-2 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4527.17

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VA006578.D

Level: (low/med) MED Date Received: 6/1/99

% Moisture: not dec. 17.27 Date Analyzed: 6/2/99

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

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	940	U
1330-20-7	o-Xylene	620	U
100-42-5	Styrene	620	U
75-25-2	Bromoform	620	U
79-34-5	1,1,2,2-Tetrachloroethane	620	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **M-2 202**

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4527 Location M-2 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4527.17

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VA006578.D

Level: (low/med) MED Date Received: 6/1/99

% Moisture: not dec. 17.27 Date Analyzed: 6/2/99

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

M-2 203

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4527 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4527.19

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB003818.D

Level: (low/med) MED Date Received: 6/1/99

% Moisture: not dec. 9.39 Date Analyzed: 6/8/99

GC Column: RTX502. 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

M-2 203

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4527 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4527.19

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB003818.D

Level: (low/med) MED Date Received: 6/1/99

% Moisture: not dec. 9.39 Date Analyzed: 6/8/99

GC Column: RTX502. 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	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-2 203**

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4527 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4527.19

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB003818.D

Level: (low/med) MED Date Received: 6/1/99

% Moisture: not dec. 9.39 Date Analyzed: 6/8/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 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-2 204

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4530 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4530.03

Sample wt/vol: 9.0 (g/ml) G Lab File ID: VB003820.D

Level: (low/med) MED Date Received: 6/2/99

% Moisture: not dec. 4.22 Date Analyzed: 6/8/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3700	U
1634044	Methyl-tert-Butyl ether	860	U
108203	Di-isopropyl ether	580	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	290	U
75-01-4	Vinyl Chloride	860	U
74-83-9	Bromomethane	580	U
75-00-3	Chloroethane	860	U
75-69-4	Trichlorofluoromethane	580	U
75-35-4	1,1-Dichloroethene	290	U
67-64-1	Acetone	580	U
75-15-0	Carbon Disulfide	290	U
75-09-2	Methylene Chloride	580	U
156-60-5	trans-1,2-Dichloroethene	580	U
75-35-3	1,1-Dichloroethane	290	U
108-05-4	Vinyl Acetate	860	U
78-93-3	2-Butanone	860	U
	cis-1,2-Dichloroethene	290	U
67-66-3	Chloroform	290	U
75-55-6	1,1,1-Trichloroethane	290	U
56-23-5	Carbon Tetrachloride	580	U
71-43-2	Benzene	290	U
107-06-2	1,2-Dichloroethane	580	U
79-01-6	Trichloroethene	290	U
78-87-5	1,2-Dichloropropane	290	U
75-27-4	Bromodichloromethane	290	U
110-75-8	2-Chloroethyl vinyl ether	580	U
10061-01-5	cis-1,3-Dichloropropene	290	U
108-10-1	4-Methyl-2-Pentanone	580	U
108-88-3	Toluene	290	U
10061-02-6	trans-1,3-Dichloropropene	580	U
79-00-5	1,1,2-Trichloroethane	580	U
127-18-4	Tetrachloroethene	290	U
591-78-6	2-Hexanone	580	U
126-48-1	Dibromochloromethane	580	U
108-90-7	Chlorobenzene	290	U
100-41-4	Ethylbenzene	580	U

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

M-2 204

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4530 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4530.03

Sample wt/vol: 9.0 (g/ml) G Lab File ID: VB003820.D

Level: (low/med) MED Date Received: 6/2/99

% Moisture: not dec. 4.22 Date Analyzed: 6/8/99

GC Column: RTX502. 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	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-2 204**

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4530 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4530.03

Sample wt/vol: 9.0 (g/ml) G Lab File ID: VB003820.D

Level: (low/med) MED Date Received: 6/2/99

% Moisture: not dec. 4.22 Date Analyzed: 6/8/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 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-2 205

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4530 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4530.05

Sample wt/vol: 10.4 (g/ml) G Lab File ID: VB003821.D

Level: (low/med) MED Date Received: 6/2/99

% Moisture: not dec. 8.11 Date Analyzed: 6/8/99

GC Column: RTX502. 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

M-2 205

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4530 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4530.05

Sample wt/vol: 10.4 (g/ml) G Lab File ID: VB003821.D

Level: (low/med) MED Date Received: 6/2/99

% Moisture: not dec. 8.11 Date Analyzed: 6/8/99

GC Column: RTX502. 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: **M-2 205**

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4530 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4530.05

Sample wt/vol: 10.4 (g/ml) G Lab File ID: VB003821.D

Level: (low/med) MED Date Received: 6/2/99

% Moisture: not dec. 8.11 Date Analyzed: 6/8/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 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-2 206

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4530 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4530.07

Sample wt/vol: 10.8 (g/ml) G Lab File ID: VB003822.D

Level: (low/med) MED Date Received: 6/2/99

% Moisture: not dec. 7.76 Date Analyzed: 6/8/99

GC Column: RTX502. 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	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-2 206

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4530 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4530.07

Sample wt/vol: 10.8 (g/ml) G Lab File ID: VB003822.D

Level: (low/med) MED Date Received: 6/2/99

% Moisture: not dec. 7.76 Date Analyzed: 6/8/99

GC Column: RTX502. 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: **M-2 206**

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4530 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4530.07

Sample wt/vol: 10.8 (g/ml) G Lab File ID: VB003822.D

Level: (low/med) MED Date Received: 6/2/99

% Moisture: not dec. 7.76 Date Analyzed: 6/8/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 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-2 207

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4530 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4530.09

Sample wt/vol: 10.4 (g/ml) G Lab File ID: VB003823.D

Level: (low/med) MED Date Received: 6/2/99

% Moisture: not dec. 9.42 Date Analyzed: 6/8/99

GC Column: RTX502. 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	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

M-2 207

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4530 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4530.09

Sample wt/vol: 10.4 (g/ml) G Lab File ID: VB003823.D

Level: (low/med) MED Date Received: 6/2/99

% Moisture: not dec. 9.42 Date Analyzed: 6/8/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) 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: **M-2 207**

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4530 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4530.09

Sample wt/vol: 10.4 (g/ml) G Lab File ID: VB003823.D

Level: (low/med) MED Date Received: 6/2/99

% Moisture: not dec. 9.42 Date Analyzed: 6/8/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 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-2 208

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4530 Location M-2 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4530.11

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VA006604.D

Level: (low/med) MED Date Received: 6/2/99

% Moisture: not dec. 7.86 Date Analyzed: 6/9/99

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

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3500	U
1634044	Methyl-tert-Butyl ether	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	1100	B
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-2 208

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4530 Location M-2 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4530.11

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VA006604.D

Level: (low/med) MED Date Received: 6/2/99

% Moisture: not dec. 7.86 Date Analyzed: 6/9/99

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	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-2 208**

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4530 Location M-2 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4530.11

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VA006604.D

Level: (low/med) MED Date Received: 6/2/99

% Moisture: not dec. 7.86 Date Analyzed: 6/9/99

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

M-2 209

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4530 Location M-2 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4530.13

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VA006607.D

Level: (low/med) MED Date Received: 6/2/99

% Moisture: not dec. 13.62 Date Analyzed: 6/9/99

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

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3700	U
1634044	Methyl-tert-Butyl ether	860	U
108203	Di-isopropyl ether	570	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	290	U
75-01-4	Vinyl Chloride	860	U
74-83-9	Bromomethane	570	U
75-00-3	Chloroethane	860	U
75-69-4	Trichlorofluoromethane	570	U
75-35-4	1,1-Dichloroethene	290	U
67-64-1	Acetone	570	U
75-15-0	Carbon Disulfide	290	U
75-09-2	Methylene Chloride	1200	B
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

M-2 209

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4530 Location M-2 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4530.13

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VA006607.D

Level: (low/med) MED Date Received: 6/2/99

% Moisture: not dec. 13.62 Date Analyzed: 6/9/99

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

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	860	U
1330-20-7	o-Xylene	570	U
100-42-5	Styrene	570	U
75-25-2	Bromoform	570	U
79-34-5	1,1,2,2-Tetrachloroethane	570	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **M-2 209**

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4530 Location M-2 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4530.13

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VA006607.D

Level: (low/med) MED Date Received: 6/2/99

% Moisture: not dec. 13.62 Date Analyzed: 6/9/99

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

M-2 210

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4530 Location M-2 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4530.15

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VA006608.D

Level: (low/med) MED Date Received: 6/2/99

% Moisture: not dec. 4.67 Date Analyzed: 6/9/99

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	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	1000	B
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

M-2 210

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4530 Location M-2 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4530.15

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VA006608.D

Level: (low/med) MED Date Received: 6/2/99

% Moisture: not dec. 4.67 Date Analyzed: 6/9/99

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	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: **M-2 210**

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4530 Location M-2 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4530.15

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VA006608.D

Level: (low/med) MED Date Received: 6/2/99

% Moisture: not dec. 4.67 Date Analyzed: 6/9/99

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

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	10.00	1600	JN

1A

FIELD ID

VOLATILE ORGANICS ANALYSIS DATA SHEET

M-2 211

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4530 Location M-2 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4530.17

Sample wt/vol: 10.5 (g/ml) G Lab File ID: VA006609.D

Level: (low/med) MED Date Received: 6/2/99

% Moisture: not dec. 19.09 Date Analyzed: 6/9/99

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	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	1200	B
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

M-2 211

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4530 Location M-2 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4530.17

Sample wt/vol: 10.5 (g/ml) G Lab File ID: VA006609.D

Level: (low/med) MED Date Received: 6/2/99

% Moisture: not dec. 19.09 Date Analyzed: 6/9/99

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

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	880	U
1330-20-7	o-Xylene	590	U
100-42-5	Styrene	590	U
75-25-2	Bromoform	590	U
79-34-5	1,1,2,2-Tetrachloroethane	590	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **M-2 211**

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4530 Location M-2 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4530.17

Sample wt/vol: 10.5 (g/ml) G Lab File ID: VA006609.D

Level: (low/med) MED Date Received: 6/2/99

% Moisture: not dec. 19.09 Date Analyzed: 6/9/99

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

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	9.99	2900	J

SEMI-VOLATILE ORGANICS

METHOD BLANKS

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Sblk208

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4286 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk208

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA02153.D

Level: (low/med) LOW Date Received: 2/19/99

% Moisture: 0 decanted:(Y/N) N Date Extracted: 2/22/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 2/25/99

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	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 1	1000	U
100-51-6	Benzyl alcohol 2	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 3	1000	U
621-64-7	n-Nitroso-di-n-propylamine	1000	U
67-72-1	Hexachloroethane	1000	U
98-95-3	Nitrobenzene 4	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 5	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 3	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 5	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

Sblk208

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4286 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk208

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA02153.D

Level: (low/med) LOW Date Received: 2/19/99

% Moisture: 0 decanted:(Y/N) N Date Extracted: 2/22/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 2/25/99

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	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	940	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.

Sblk208

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4286 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk208

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA02153.D

Level: (low/med) LOW Date Received: 2/19/99

% Moisture: 0 decanted: (Y/N) N Date Extracted: 2/22/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 2/25/99

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	18.24	900	JN
2. 074685-30-6	5-Eicosene, (E)-	23.69	1900	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Sample ID: **Sblk212**

Lab Name: FMETL Lab Code 13461

Project 98-0211 Case No.: 4295 SDG No _____ Location M-2

Matrix: (soil/water) SOIL Lab Sample ID: Sblk212

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA02173.D

Level: (low/med) LOW Date Received: 2/23/99

% Moisture: 0 decanted:(Y/N) N Date Extracted: 3/4/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/5/99

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	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

Lab Sample ID: **Sblk212**

Lab Name: FMETL Lab Code 13461

Project 98-0211 Case No.: 4295 SDG No _____ Location M-2

Matrix: (soil/water) SOIL Lab Sample ID: Sblk212

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA02173.D

Level: (low/med) LOW Date Received: 2/23/99

% Moisture: 0 decanted:(Y/N) N Date Extracted: 3/4/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/5/99

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	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	550	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

Lab Sample ID: **Sblk212**

Lab Name: FMETL Lab Code 13461

Project 98-0211 Case No.: 4295 SDG No _____ Location M-2

Matrix: (soil/water) SOIL Lab Sample ID: Sblk212

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA02173.D

Level: (low/med) LOW Date Received: 2/23/99

% Moisture: 0 decanted: (Y/N) N Date Extracted: 3/4/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/5/99

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	18.23	990	JN
2. 074685-30-6	5-Eicosene, (E)-	23.69	4000	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Sblk213

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4327 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk213

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA02211.D

Level: (low/med) LOW Date Received: 3/8/99

% Moisture: 0 decanted:(Y/N) N Date Extracted: 3/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/16/99

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	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

Sblk213

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4327 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk213

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA02211.D

Level: (low/med) LOW Date Received: 3/8/99

% Moisture: 0 decanted:(Y/N) N Date Extracted: 3/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/16/99

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	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	140	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	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	150	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.

Sblk213

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4327 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk213

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA02211.D

Level: (low/med) LOW Date Received: 3/8/99

% Moisture: 0 decanted: (Y/N) N Date Extracted: 3/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/16/99

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	18.23	1600	J
2. 000629-96-9	1-Eicosanol	23.69	3300	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Sblk215

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4349 Location: M-2 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.: 4349 Location: M-2 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:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	1000	U
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	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.: 4349 Location: M-2 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

Number TICs found: 2

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 017851-53-5	1,2-Benzenedicarboxylic acid, 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.: 4356 Location: M-2 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.: 4356 Location: M-2 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.: 4356 Location: M-2 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

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	870	JN
2. 001454-84-8	1-Nonadecanol	23.71	1800	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Sblk217

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4356 Location: M-2 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: 3/17/99

% 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

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Sblk217

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4356 Location: M-2 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: 3/17/99

% 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.: 4356 Location: M-2 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: 3/17/99

% 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

Number TICs found: 1 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 074685-30-6	5-Eicosene, (E)-	23.72	2700	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Sblk220

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4359 Location: M-2 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

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Sblk220

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4359 Location: M-2 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.: 4359 Location: M-2 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

Number TICs found: 1

CONCENTRATION UNITS:
(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

SBLK224

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4380 Location: M-2 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: 3/30/99

% 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:

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: **SBLK224**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4380 Location: M-2 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: 3/30/99

% 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:

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 Lab Code 13461

Project: 98-0211 Case No.: 4380 Location: M-2 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: 3/30/99

% 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:

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

Sblk229

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4395 Location: M-2 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: 4/6/99

% 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:

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: **Sblk229**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4395 Location: M-2 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: 4/6/99

% 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:

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 Lab Code 13461

Project: 98-0211 Case No.: 4395 Location: M-2 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: 4/6/99

% 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:

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

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **Sblk232**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4406 Location: M-2 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: 4/9/99

% 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

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **Sblk232**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4406 Location: M-2 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: 4/9/99

% 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.: 4406 Location: M-2 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: 4/9/99

% 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:

Number TICs found: 3 CONCENTRATION UNITS: (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.: 4415 Location: M-2 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

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Sblk236

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4415 Location: M-2 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.: 4415 Location: M-2 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

Sblk238

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4434 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk238

Sample wt/vol: 10 (g/ml) G Lab File ID: BN03150.D

Level: (low/med) LOW Date Received: 4/20/99

% Moisture: 0 decanted:(Y/N) N Date Extracted: 4/26/99

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	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

Sblk238

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4434 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk238

Sample wt/vol: 10 (g/ml) G Lab File ID: BN03150.D

Level: (low/med) LOW Date Received: 4/20/99

% Moisture: 0 decanted:(Y/N) N Date Extracted: 4/26/99

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	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	530	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

Field ID: **Sblk238**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4434 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk238

Sample wt/vol: 10 (g/ml) G Lab File ID: BN03150.D

Level: (low/med) LOW Date Received: 4/20/99

% Moisture: 0 decanted: (Y/N) N Date Extracted: 4/26/99

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:

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	18.37	990	JN
2. 001599-67-3	1-Docosene	23.79	3900	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Sblk240

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4443 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk240

Sample wt/vol: 10 (g/ml) G Lab File ID: BN03156.D

Level: (low/med) LOW Date Received: 4/27/99

% Moisture: 0 decanted:(Y/N) N Date Extracted: 4/27/99

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: 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

Sblk240

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4443 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk240

Sample wt/vol: 10 (g/ml) G Lab File ID: BN03156.D

Level: (low/med) LOW Date Received: 4/27/99

% Moisture: 0 decanted:(Y/N) N Date Extracted: 4/27/99

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: 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	550	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

FIELD ID.

Sblk240

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4443 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk240

Sample wt/vol: 10 (g/ml) G Lab File ID: BN03156.D

Level: (low/med) LOW Date Received: 4/27/99

% Moisture: 0 decanted: (Y/N) N Date Extracted: 4/27/99

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: 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	18.38	1600	JN
2. 001599-67-3	1-Docosene	23.79	4400	JN
3. 000506-51-4	1-Tetracosanol	25.29	420	JN
4. 001599-67-3	1-Docosene	28.02	460	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Sblk243

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4446 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk243

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA02568.D

Level: (low/med) LOW Date Received: 4/27/99

% Moisture: 0 decanted:(Y/N) N Date Extracted: 5/5/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/6/99

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	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

Sblk243

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4446 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk243

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA02568.D

Level: (low/med) LOW Date Received: 4/27/99

% Moisture: 0 decanted:(Y/N) N Date Extracted: 5/5/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/6/99

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	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	1000	U
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	1000	U
206-44-0	Fluoranthene	1000	U
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	1000	U
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	1000	U
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	1000	U
117-81-7	bis(2-Ethylhexyl)phthalate	1000	U
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	1000	U
207-08-9	Benzo[k]fluoranthene	1000	U
50-32-8	Benzo[a]pyrene	1000	U
193-39-5	Indeno[1,2,3-cd]pyrene	1000	U
53-70-3	Dibenz[a,h]anthracene	1000	U
191-24-2	Benzo[g,h,i]perylene	1000	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Sblk243

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4446 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk243

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA02568.D

Level: (low/med) LOW Date Received: 4/27/99

% Moisture: 0 decanted: (Y/N) N Date Extracted: 5/5/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/6/99

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.	unknown	8.45	1100	J
2.	unknown	8.54	450	J
3. 001599-67-3	1-Docosene	25.56	2000	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Sblk245

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4466 Location: M-2 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: 5/6/99

% 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: 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.

Sblk245

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4466 Location: M-2 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: 5/6/99

% 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: 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	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 NJDEP: 13461

Project: 98-0211 Case No.: 4466 Location: M-2 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: 5/6/99

% 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: 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	18.35	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

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Sblk246

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4472 Location: M-2 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

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Sblk246

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4472 Location: M-2 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.: 4472 Location: M-2 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

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Sblk248

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4475 Location: M-2 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: 5/11/99

% 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.: 4475 Location: M-2 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: 5/11/99

% 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.: 4475 Location: M-2 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: 5/11/99

% 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

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Sblk250

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4475 Location: M-2 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: 5/11/99

% 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.: 4475 Location: M-2 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: 5/11/99

% 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

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

Sblk250

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4475 Location: M-2 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: 5/11/99

% 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:

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	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

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Sblk251

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4485 Location: M-2 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: 5/14/99

% 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

1C

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Sblk251

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4485 Location: M-2 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: 5/14/99

% 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.: 4485 Location: M-2 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: 5/14/99

% 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.: 4491 Location: M-2 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: 5/24/99

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.: 4491 Location: M-2 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: 5/24/99

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.: 4491 Location: M-2 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: 5/24/99

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

Sblk253

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4491 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk253

Sample wt/vol: 10 (g/ml) G Lab File ID: BN03417.D

Level: (low/med) LOW Date Received: 5/17/99

% Moisture: 0 decanted:(Y/N) N Date Extracted: 5/24/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/2/99

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	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

Sblk253

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4491 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk253

Sample wt/vol: 10 (g/ml) G Lab File ID: BN03417.D

Level: (low/med) LOW Date Received: 5/17/99

% Moisture: 0 decanted:(Y/N) N Date Extracted: 5/24/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/2/99

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	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	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	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

EPA SAMPLE NO.

Sblk253

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4491 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk253

Sample wt/vol: 10 (g/ml) G Lab File ID: BN03417.D

Level: (low/med) LOW Date Received: 5/17/99

% Moisture: 0 decanted: (Y/N) N Date Extracted: 5/24/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/2/99

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	18.23	1800	JN
2. 000629-96-9	1-Eicosanol	23.66	7200	JN
3. 000506-51-4	1-Tetracosanol	25.16	580	JN
4. 001599-67-3	1-Docosene	27.89	880	JN

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Sblk253

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4494 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk253

Sample wt/vol: 10 (g/ml) G Lab File ID: BN03417.D

Level: (low/med) LOW Date Received: 5/18/99

% Moisture: 0 decanted:(Y/N) N Date Extracted: 5/24/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/2/99

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	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

Sblk253

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4494 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk253

Sample wt/vol: 10 (g/ml) G Lab File ID: BN03417.D

Level: (low/med) LOW Date Received: 5/18/99

% Moisture: 0 decanted:(Y/N) N Date Extracted: 5/24/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/2/99

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	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	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	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

EPA SAMPLE NO.

Sblk253

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4494 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk253

Sample wt/vol: 10 (g/ml) G Lab File ID: BN03417.D

Level: (low/med) LOW Date Received: 5/18/99

% Moisture: 0 decanted: (Y/N) N Date Extracted: 5/24/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/2/99

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. 000506-51-4	1-Tetracosanol	25.16	580	JN
2. 001599-67-3	1-Docosene	27.89	880	JN
3. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.23	1800	JN
4. 000629-96-9	1-Eicosanol	23.66	7200	JN

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Sblk259

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4527 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk259

Sample wt/vol: 10 (g/ml) G Lab File ID: BN03470.D

Level: (low/med) LOW Date Received: 6/1/99

% Moisture: 0 decanted:(Y/N) N Date Extracted: 6/4/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/15/99

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
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

Sblk259

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4527 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk259

Sample wt/vol: 10 (g/ml) G Lab File ID: BN03470.D

Level: (low/med) LOW Date Received: 6/1/99

% Moisture: 0 decanted:(Y/N) N Date Extracted: 6/4/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/15/99

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	560	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

EPA SAMPLE NO.
Sblk259

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4527 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk259

Sample wt/vol: 10 (g/ml) G Lab File ID: BN03470.D

Level: (low/med) LOW Date Received: 6/1/99

% Moisture: 0 decanted: (Y/N) N Date Extracted: 6/4/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/15/99

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. 000089-18-9	1,2-Benzenedicarboxylic acid, but	18.15	1400	JN
2. 001454-84-8	1-Nonadecanol	23.58	6300	JN
3. 018733-57-8	Silane, trichloroeicosyl-	25.08	550	JN
4. 000629-96-9	1-Eicosanol	27.81	850	JN
5.	unknown	28.44	460	J

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Sblk261

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4530 Location: M-2 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: 6/2/99

% 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:

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

Sblk261

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4530 Location: M-2 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: 6/2/99

% 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:

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	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.: 4530 Location: M-2 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: 6/2/99

% 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:

Number TICs found: 4 CONCENTRATION UNITS: (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

FIELD DUPLICATES

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field Dup

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4356 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4356.16

Sample wt/vol: 10.02 (g/ml) G Lab File ID: BNA02305.D

Level: (low/med) LOW Date Received: 3/17/99

% Moisture: 16.55 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	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

Field Dup

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4356 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4356.16

Sample wt/vol: 10.02 (g/ml) G Lab File ID: BNA02305.D

Level: (low/med) LOW Date Received: 3/17/99

% Moisture: 16.55 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	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	610	JB
206-44-0	Fluoranthene	1200	U
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	1200	U
85-68-7	Butylbenzylphthalate	1200	U
56-55-3	Benzo[a]anthracene	1200	U
91-94-1	3,3'-Dichlorobenzidine	1200	U
218-01-9	Chrysene	1200	U
117-81-7	bis(2-Ethylhexyl)phthalate	1200	U
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo[b]fluoranthene	1200	U
207-08-9	Benzo[k]fluoranthene	1200	U
50-32-8	Benzo[a]pyrene	1200	U
193-39-5	Indeno[1,2,3-cd]pyrene	1200	U
53-70-3	Dibenz[a,h]anthracene	1200	U
191-24-2	Benzo[g,h,i]perylene	1200	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Field Dup

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4356 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4356.16

Sample wt/vol: 10.02 (g/ml) G Lab File ID: BNA02305.D

Level: (low/med) LOW Date Received: 3/17/99

% Moisture: 16.55 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: 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	1100	JN
2. 001454-84-8	1-Nonadecanol	23.72	4500	JN
3. 000297-03-0	Cyclotetracosane	25.24	1600	JN

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field Dup.

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4406 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4406.08

Sample wt/vol: 10.21 (g/ml) G Lab File ID: BN03096.D

Level: (low/med) LOW Date Received: 4/9/99

% Moisture: 13.63 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	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **Field Dup.**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4406 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4406.08

Sample wt/vol: 10.21 (g/ml) G Lab File ID: BN03096.D

Level: (low/med) LOW Date Received: 4/9/99

% Moisture: 13.63 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	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	300	JB
206-44-0	Fluoranthene	260	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	230	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	140	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	260	J
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	150	J
207-08-9	Benzo[k]fluoranthene	130	J
50-32-8	Benzo[a]pyrene	140	J
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **Field Dup.**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4406 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4406.08

Sample wt/vol: 10.21 (g/ml) G Lab File ID: BN03096.D

Level: (low/med) LOW Date Received: 4/9/99

% Moisture: 13.63 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: 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	18.41	3700	JN
2. 001454-84-8	1-Nonadecanol	23.82	6100	JN
3. 002461-18-9	Oxirane, [(dodecyloxy)methyl]-	25.33	1700	JN
4. 002765-11-9	Pentadecanal-	26.32	2000	JN
5. 000629-96-9	1-Eicosanol	26.74	5000	JN
6. 000638-66-4	Octadecanal	27.67	4500	JN
7. 000630-03-5	Nonacosane	28.01	1900	JN
8.	unknown	28.06	3400	J
9.	unknown	28.70	1100	J
10.	unknown	28.93	1500	J
11. 001599-67-3	1-Docosene	29.31	1200	JN
12.	unknown	29.55	1200	J

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field Dupe

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4446 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4446.14

Sample wt/vol: 10.05 (g/ml) G Lab File ID: BNA02576.D

Level: (low/med) LOW Date Received: 4/27/99

% Moisture: 14.39 decanted:(Y/N) N Date Extracted: 5/5/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/6/99

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

Field Dupe

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4446 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4446.14

Sample wt/vol: 10.05 (g/ml) G Lab File ID: BNA02576.D

Level: (low/med) LOW Date Received: 4/27/99

% Moisture: 14.39 decanted:(Y/N) N Date Extracted: 5/5/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/6/99

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	310	J
120-12-7	Anthracene	1200	U
84-74-2	Di-n-butylphthalate	260	J
206-44-0	Fluoranthene	250	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	130	J
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.

Field Dupe

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4446 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4446.14

Sample wt/vol: 10.05 (g/ml) G Lab File ID: BNA02576.D

Level: (low/med) LOW Date Received: 4/27/99

% Moisture: 14.39 decanted: (Y/N) N Date Extracted: 5/5/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/6/99

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	20.10	560	JN
2. 000638-66-4	Octadecanal	28.09	1000	JN
3. 000629-92-5	Nonadecane	28.47	470	JN
4. 000646-31-1	Tetracosane	29.84	790	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field Dupe

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4466 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4466.14

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA02589.D

Level: (low/med) LOW Date Received: 5/6/99

% 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: 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

Field Dupe

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4466 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4466.14

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA02589.D

Level: (low/med) LOW Date Received: 5/6/99

% 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: 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	1000	U
206-44-0	Fluoranthene	1000	U
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	1000	U
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	1000	U
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	1000	U
117-81-7	bis(2-Ethylhexyl)phthalate	270	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.

Field Dupe

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4466 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4466.14

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA02589.D

Level: (low/med) LOW Date Received: 5/6/99

% 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: 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)-	25.55	3300	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field Dupe

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4472 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4472.32

Sample wt/vol: 10.12 (g/ml) G Lab File ID: BN03274.D

Level: (low/med) LOW Date Received: 5/10/99

% Moisture: 24.98 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	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

Field Dupe

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4472 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4472.32

Sample wt/vol: 10.12 (g/ml) G Lab File ID: BN03274.D

Level: (low/med) LOW Date Received: 5/10/99

% Moisture: 24.98 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	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	240	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	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.

Field Dupe

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4472 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4472.32

Sample wt/vol: 10.12 (g/ml) G Lab File ID: BN03274.D

Level: (low/med) LOW Date Received: 5/10/99

% Moisture: 24.98 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: 4 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	6500	JN
2. 006624-79-9	1-Dotriacontanol	25.25	1300	JN
3. 000629-96-9	1-Eicosanol	27.98	1200	JN
4.	unknown	28.62	1100	J

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field Dupe

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4485 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4485.28

Sample wt/vol: 10.05 (g/ml) G Lab File ID: BN03410.D

Level: (low/med) LOW Date Received: 5/14/99

% Moisture: 27.41 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:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1400	U
62-75-9	N-nitroso-dimethylamine	1400	U
62-53-3	Aniline	1400	U
108-95-2	Phenol	1400	U
111-44-4	bis(2-Chloroethyl)ether	1400	U
95-57-8	2-Chlorophenol	1400	U
541-73-1	1,3-Dichlorobenzene	1400	U
106-46-7	1,4-Dichlorobenzene	1400	U
100-51-6	Benzyl alcohol	1400	U
95-50-1	1,2-Dichlorobenzene	1400	U
95-48-7	2-Methylphenol	1400	U
108-60-1	bis(2-chloroisopropyl)ether	1400	U
106-44-5	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
95-95-4	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

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field Dupe

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4485 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4485.28

Sample wt/vol: 10.05 (g/ml) G Lab File ID: BN03410.D

Level: (low/med) LOW Date Received: 5/14/99

% Moisture: 27.41 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	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	530	J
92-87-5	Benzidine	1400	U
129-00-0	Pyrene	450	J
85-68-7	Butylbenzylphthalate	1400	U
56-55-3	Benzo[a]anthracene	270	J
91-94-1	3,3'-Dichlorobenzidine	1400	U
218-01-9	Chrysene	460	J
117-81-7	bis(2-Ethylhexyl)phthalate	1400	U
117-84-0	Di-n-octylphthalate	1400	U
205-99-2	Benzo[b]fluoranthene	250	J
207-08-9	Benzo[k]fluoranthene	170	J
50-32-8	Benzo[a]pyrene	230	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

EPA SAMPLE NO.

Field Dupe

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4485 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4485.28

Sample wt/vol: 10.05 (g/ml) G Lab File ID: BN03410.D

Level: (low/med) LOW Date Received: 5/14/99

% Moisture: 27.41 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: 13 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	19.15	1300	J
2. 000629-96-9	1-Eicosanol	23.66	6100	JN
3. 006971-40-0	17-Pentatriacontene	25.17	1700	JN
4.	unknown	26.15	1200	J
5. 000630-07-9	Pentatriacontane	26.55	1000	JN
6. 000124-25-4	Tetradecanal	27.50	1100	JN
7. 000638-68-6	Triacontane	27.84	1300	JN
8. 019047-85-9	Phosphonic acid, dioctadecyl este	27.90	1300	JN
9.	unknown	28.54	920	J
10.	unknown	28.77	1300	J
11.	unknown	29.35	1400	J
12.	unknown	29.48	650	J
13.	unknown	30.32	1200	J

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field Dupe

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4530 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4530.18

Sample wt/vol: 10.9 (g/ml) G Lab File ID: BN03489.D

Level: (low/med) LOW Date Received: 6/2/99

% Moisture: 9.17 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

Field Dupe

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4530 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4530.18

Sample wt/vol: 10.9 (g/ml) G Lab File ID: BN03489.D

Level: (low/med) LOW Date Received: 6/2/99

% Moisture: 9.17 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	130	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.

Field Dupe

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4530 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4530.18

Sample wt/vol: 10.9 (g/ml) G Lab File ID: BN03489.D

Level: (low/med) LOW Date Received: 6/2/99

% Moisture: 9.17 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:

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	23.55	5800	JN
2. 006971-40-0	17-Pentatriacontene	25.06	880	JN
3. 007098-22-8	Tetratetracontane	26.44	560	JN
4. 000629-80-1	Hexadecanal	27.38	540	JN
5. 000112-95-8	Eicosane	27.73	640	JN
6. 000629-96-9	1-Eicosanol	27.79	910	JN
7.	unknown	28.42	490	J
8. 056554-90-6	13-Octadecenal	28.64	670	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-2 Landfill

M-2 Landfill

VOLUME II

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SAMPLES

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

M2-4

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4286 SDG No: Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4286.03

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VB02784.D

Level: (low/med) MED Date Received: 2/19/99

% Moisture: not dec. 13.08 Date Analyzed: 2/25/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2100	U
107131	Acrylonitrile	2100	U
75650	tert-Butyl alcohol	3800	U
1634044	Methyl-tert-Butyl ether	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	870	
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

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

M2-4

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4286 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4286.03

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VB02784.D

Level: (low/med) MED Date Received: 2/19/99

% Moisture: not dec. 13.08 Date Analyzed: 2/25/99

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
100-41-4	Ethylbenzene	590	U
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.

M2-4

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4286 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4286.03

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VB02784.D

Level: (low/med) MED Date Received: 2/19/99

% Moisture: not dec. 13.08 Date Analyzed: 2/25/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

SAMPLES

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-4

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4286 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4286.02

Sample wt/vol: 10.33 (g/ml) G Lab File ID: BNA02155.D

Level: (low/med) LOW Date Received: 2/19/99

% Moisture: 16.12 decanted:(Y/N) N Date Extracted: 2/22/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 2/25/99

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

B-4

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4286 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4286.02

Sample wt/vol: 10.33 (g/ml) G Lab File ID: BNA02155.D

Level: (low/med) LOW Date Received: 2/19/99

% Moisture: 16.12 decanted:(Y/N) N Date Extracted: 2/22/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 2/25/99

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	280	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	230	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-4

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4286 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4286.02

Sample wt/vol: 10.33 (g/ml) G Lab File ID: BNA02155.D

Level: (low/med) LOW Date Received: 2/19/99

% Moisture: 16.12 decanted: (Y/N) N Date Extracted: 2/22/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 2/25/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 1 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000112-88-9	1-Octadecene	23.70	3800	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-5

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4286 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4286.04

Sample wt/vol: 10.41 (g/ml) G Lab File ID: BNA02156.D

Level: (low/med) LOW Date Received: 2/19/99

% Moisture: 8.3 decanted:(Y/N) N Date Extracted: 2/22/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 2/25/99

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	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-5**

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4286 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4286.04

Sample wt/vol: 10.41 (g/ml) G Lab File ID: BNA02156.D

Level: (low/med) LOW Date Received: 2/19/99

% Moisture: 8.3 decanted:(Y/N) N Date Extracted: 2/22/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 2/25/99

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	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	280	JB
206-44-0	Fluoranthene	1000	U
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	1000	U
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	1000	U
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	1000	U
117-81-7	bis(2-Ethylhexyl)phthalate	120	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

FIELD ID.

B-5

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4286 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4286.04

Sample wt/vol: 10.41 (g/ml) G Lab File ID: BNA02156.D

Level: (low/med) LOW Date Received: 2/19/99

% Moisture: 8.3 decanted: (Y/N) N Date Extracted: 2/22/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 2/25/99

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. 077899-03-7	1-Heneicosyl formate	23.69	3100	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-6

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4286 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4286.06

Sample wt/vol: 10.17 (g/ml) G Lab File ID: BNA02157.D

Level: (low/med) LOW Date Received: 2/19/99

% Moisture: 9.01 decanted:(Y/N) N Date Extracted: 2/22/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 2/25/99

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

B-6

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4286 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4286.06

Sample wt/vol: 10.17 (g/ml) G Lab File ID: BNA02157.D

Level: (low/med) LOW Date Received: 2/19/99

% Moisture: 9.01 decanted:(Y/N) N Date Extracted: 2/22/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 2/25/99

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	840	JB
206-44-0	Fluoranthene	170	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	150	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	170	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

FIELD ID.

B-6

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4286 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4286.06

Sample wt/vol: 10.17 (g/ml) G Lab File ID: BNA02157.D

Level: (low/med) LOW Date Received: 2/19/99

% Moisture: 9.01 decanted: (Y/N) N Date Extracted: 2/22/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 2/25/99

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.	unknown	18.24	950	J
2. 074685-30-6	5-Eicosene, (E)-	23.70	4300	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Sample ID: B-13

Lab Name: FMETL Lab Code 13461

Project 98-0211 Case No.: 4295 SDG No _____ Location M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4295.02

Sample wt/vol: 10.12 (g/ml) G Lab File ID: BNA02175.D

Level: (low/med) LOW Date Received: 2/23/99

% Moisture: 8.75 decanted:(Y/N) N Date Extracted: 3/4/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/5/99

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

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Sample ID: **B-13**

Lab Name: FMETL Lab Code 13461

Project 98-0211 Case No.: 4295 SDG No _____ Location M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4295.02

Sample wt/vol: 10.12 (g/ml) G Lab File ID: BNA02175.D

Level: (low/med) LOW Date Received: 2/23/99

% Moisture: 8.75 decanted:(Y/N) N Date Extracted: 3/4/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/5/99

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	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	740	JB
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1100	U
117-81-7	bis(2-Ethylhexyl)phthalate	110	J
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Sample ID: **B-13**

Lab Name: FMETL Lab Code 13461

Project 98-0211 Case No.: 4295 SDG No _____ Location M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4295.02

Sample wt/vol: 10.12 (g/ml) G Lab File ID: BNA02175.D

Level: (low/med) LOW Date Received: 2/23/99

% Moisture: 8.75 decanted: (Y/N) N Date Extracted: 3/4/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/5/99

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. 017851-53-5	1,2-Benzenedicarboxylic acid, but	18.23	1300	JN
2. 018435-45-5	1-Nonadecene	23.69	5000	JN
3. 000629-96-9	1-Eicosanol	27.95	1400	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Sample ID: **B-14**

Lab Name: FMETL Lab Code 13461

Project 98-0211 Case No.: 4295 SDG No _____ Location M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4295.04

Sample wt/vol: 10.2 (g/ml) G Lab File ID: BNA02178.D

Level: (low/med) LOW Date Received: 2/23/99

% Moisture: 19.08 decanted:(Y/N) N Date Extracted: 3/4/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/5/99

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

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Sample ID: **B-14**

Lab Name: FMETL Lab Code 13461

Project 98-0211 Case No.: 4295 SDG No _____ Location M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4295.04

Sample wt/vol: 10.2 (g/ml) G Lab File ID: BNA02178.D

Level: (low/med) LOW Date Received: 2/23/99

% Moisture: 19.08 decanted:(Y/N) N Date Extracted: 3/4/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/5/99

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	390	J
120-12-7	Anthracene	1200	U
84-74-2	Di-n-butylphthalate	1300	B
206-44-0	Fluoranthene	460	J
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	460	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	440	J
117-81-7	bis(2-Ethylhexyl)phthalate	160	J
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo[b]fluoranthene	160	J
207-08-9	Benzo[k]fluoranthene	180	J
50-32-8	Benzo[a]pyrene	200	J
193-39-5	Indeno[1,2,3-cd]pyrene	120	J
53-70-3	Dibenz[a,h]anthracene	1200	U
191-24-2	Benzo[g,h,i]perylene	130	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Sample ID: **B-14**

Lab Name: FMETL Lab Code 13461

Project 98-0211 Case No.: 4295 SDG No _____ Location M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4295.04

Sample wt/vol: 10.2 (g/ml) G Lab File ID: BNA02178.D

Level: (low/med) LOW Date Received: 2/23/99

% Moisture: 19.08 decanted: (Y/N) N Date Extracted: 3/4/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/5/99

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. 017851-53-5	1,2-Benzenedicarboxylic acid, but	18.24	2300	JN
2. 000629-96-9	1-Eicosanol	23.70	6700	JN
3. 006624-79-9	1-Dotriacontanol	25.22	2900	JN
4. 000638-66-4	Octadecanal	27.56	1300	JN
5. 027519-02-4	9-Tricosene, (Z)-	27.97	2200	JN
6. 000638-66-4	Octadecanal	28.83	1200	JN
7. 000297-03-0	Cyclotetracosane	29.21	1100	JN

1B

Lab Sample ID

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-15

Lab Name: FMETL Lab Code 13461

Project 98-0211 Case No.: 4295 SDG No _____ Location M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4295.06

Sample wt/vol: 9.93 (g/ml) G Lab File ID: BNA02179.D

Level: (low/med) LOW Date Received: 2/23/99

% Moisture: 33.6 decanted:(Y/N) N Date Extracted: 3/4/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/5/99

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	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

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Sample ID: **B-15**

Lab Name: FMETL Lab Code 13461

Project 98-0211 Case No.: 4295 SDG No _____ Location M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4295.06

Sample wt/vol: 9.93 (g/ml) G Lab File ID: BNA02179.D

Level: (low/med) LOW Date Received: 2/23/99

% Moisture: 33.6 decanted:(Y/N) N Date Extracted: 3/4/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/5/99

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	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	1500	U
84-74-2	Di-n-butylphthalate	430	JB
206-44-0	Fluoranthene	1500	U
92-87-5	Benzidine	1500	U
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	1500	U
218-01-9	Chrysene	1500	U
117-81-7	bis(2-Ethylhexyl)phthalate	210	J
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

Lab Sample ID: **B-15**

Lab Name: FMETL Lab Code 13461

Project 98-0211 Case No.: 4295 SDG No _____ Location M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4295.06

Sample wt/vol: 9.93 (g/ml) G Lab File ID: BNA02179.D

Level: (low/med) LOW Date Received: 2/23/99

% Moisture: 33.6 decanted: (Y/N) N Date Extracted: 3/4/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/5/99

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-19

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4298 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4298.02

Sample wt/vol: 10.12 (g/ml) G Lab File ID: BNA02180.D

Level: (low/med) LOW Date Received: 2/24/99

% Moisture: 8.95 decanted:(Y/N) N Date Extracted: 3/4/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/5/99

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

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-19

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4298 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4298.02

Sample wt/vol: 10.12 (g/ml) G Lab File ID: BNA02180.D

Level: (low/med) LOW Date Received: 2/24/99

% Moisture: 8.95 decanted:(Y/N) N Date Extracted: 3/4/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/5/99

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	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	880	JB
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1100	U
117-81-7	bis(2-Ethylhexyl)phthalate	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-19

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4298 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4298.02

Sample wt/vol: 10.12 (g/ml) G Lab File ID: BNA02180.D

Level: (low/med) LOW Date Received: 2/24/99

% Moisture: 8.95 decanted: (Y/N) N Date Extracted: 3/4/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/5/99

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. 017851-53-5	1,2-Benzenedicarboxylic acid, bul	18.24	1600	JN
2. 000629-96-9	1-Eicosanol	23.70	5400	JN
3. 000629-96-9	1-Eicosanol	27.95	1300	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-20

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4298 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4298.04

Sample wt/vol: 10.57 (g/ml) G Lab File ID: BNA02181.D

Level: (low/med) LOW Date Received: 2/24/99

% Moisture: 7.45 decanted:(Y/N) N Date Extracted: 3/4/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/5/99

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	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-20

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4298 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4298.04

Sample wt/vol: 10.57 (g/ml) G Lab File ID: BNA02181.D

Level: (low/med) LOW Date Received: 2/24/99

% Moisture: 7.45 decanted:(Y/N) N Date Extracted: 3/4/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/5/99

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	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	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	160	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-20

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4298 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4298.04

Sample wt/vol: 10.57 (g/ml) G Lab File ID: BNA02181.D

Level: (low/med) LOW Date Received: 2/24/99

% Moisture: 7.45 decanted: (Y/N) N Date Extracted: 3/4/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/5/99

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	18.23	1200	JN
2. 000629-96-9	1-Eicosanol	23.70	6400	JN
3. 000000-00-0	9-Hexacosene	27.95	1700	JN
4.	unknown	29.77	850	J

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-21

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4298 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4298.06

Sample wt/vol: 10.96 (g/ml) G Lab File ID: BNA02186.D

Level: (low/med) LOW Date Received: 2/24/99

% Moisture: 15.38 decanted:(Y/N) N Date Extracted: 3/4/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/5/99

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	420	J
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID. **B-21**

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4298 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4298.06

Sample wt/vol: 10.96 (g/ml) G Lab File ID: BNA02186.D

Level: (low/med) LOW Date Received: 2/24/99

% Moisture: 15.38 decanted:(Y/N) N Date Extracted: 3/4/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/5/99

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	1100	U
120-12-7	Anthracene	300	J
84-74-2	Di-n-butylphthalate	1300	B
206-44-0	Fluoranthene	1400	
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1900	
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	2700	
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	6300	
117-81-7	bis(2-Ethylhexyl)phthalate	180	J
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	4500	
207-08-9	Benzo[k]fluoranthene	3100	
50-32-8	Benzo[a]pyrene	2900	
193-39-5	Indeno[1,2,3-cd]pyrene	1500	
53-70-3	Dibenz[a,h]anthracene	810	J
191-24-2	Benzo[g,h,i]perylene	1500	

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-21

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4298 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4298.06

Sample wt/vol: 10.96 (g/ml) G Lab File ID: BNA02186.D

Level: (low/med) LOW Date Received: 2/24/99

% Moisture: 15.38 decanted: (Y/N) N Date Extracted: 3/4/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/5/99

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. 017851-53-5	1,2-Benzenedicarboxylic acid, but	18.24	2300	JN
2. 000243-42-5	Benzo[b]naphtho[2,3-d]furan	20.65	1100	JN
3. 002381-21-7	Pyrene, 1-methyl-	21.88	860	JN
4. 000082-05-3	7H-Benz[de]anthracen-7-one	22.67	1800	JN
5. 000629-96-9	1-Eicosanol	23.70	11000	JN
6. 002422-79-9	Benz[a]anthracene, 12-methyl-	24.45	1000	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-25

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4298 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4298.08

Sample wt/vol: 10.76 (g/ml) G Lab File ID: BNA02182.D

Level: (low/med) LOW Date Received: 2/24/99

% Moisture: 16.48 decanted:(Y/N) N Date Extracted: 3/4/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/5/99

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-25

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4298 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4298.08

Sample wt/vol: 10.76 (g/ml) G Lab File ID: BNA02182.D

Level: (low/med) LOW Date Received: 2/24/99

% Moisture: 16.48 decanted:(Y/N) N Date Extracted: 3/4/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/5/99

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	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	220	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-25

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4298 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4298.08

Sample wt/vol: 10.76 (g/ml) G Lab File ID: BNA02182.D

Level: (low/med) LOW Date Received: 2/24/99

% Moisture: 16.48 decanted: (Y/N) N Date Extracted: 3/4/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/5/99

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. 017851-53-5	1,2-Benzenedicarboxylic acid, bul	18.24	1800	JN
2. 074685-30-6	5-Eicosene, (E)-	23.70	5000	JN
3. 000297-24-5	Cyclooctacosane	27.95	1400	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-26

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4298 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4298.10

Sample wt/vol: 10.33 (g/ml) G Lab File ID: BNA02191.D

Level: (low/med) LOW Date Received: 2/24/99

% Moisture: 13.75 decanted:(Y/N) N Date Extracted: 3/4/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/8/99

Injection Volume: 1.0 (uL) 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-26

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4298 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4298.10

Sample wt/vol: 10.33 (g/ml) G Lab File ID: BNA02191.D

Level: (low/med) LOW Date Received: 2/24/99

% Moisture: 13.75 decanted:(Y/N) N Date Extracted: 3/4/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/8/99

Injection Volume: 1.0 (uL) 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	140	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	210	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	140	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	310	J
117-81-7	bis(2-Ethylhexyl)phthalate	200	J
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	200	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	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-26

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4298 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4298.10

Sample wt/vol: 10.33 (g/ml) G Lab File ID: BNA02191.D

Level: (low/med) LOW Date Received: 2/24/99

% Moisture: 13.75 decanted: (Y/N) N Date Extracted: 3/4/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/8/99

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. 074685-30-6	5-Eicosene, (E)-	23.70	6200	JN
2. 000297-03-0	Cyclotetracosane	25.22	1500	JN
3. 056554-86-0	17-Octadecenal	26.21	1100	JN
4. 000000-00-0	1-Hexacosanal	27.56	1400	JN
5. 000630-06-8	Hexatriacontane	27.92	1400	JN
6. 000127-22-0	Taraxerol	29.52	2300	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID. B-27

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4298 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4298.12

Sample wt/vol: 10.38 (g/ml) G Lab File ID: BNA02190.D

Level: (low/med) LOW Date Received: 2/24/99

% Moisture: 11.85 decanted:(Y/N) N Date Extracted: 3/4/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/8/99

Injection Volume: 1.0 (uL) 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-27

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4298 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4298.12

Sample wt/vol: 10.38 (g/ml) G Lab File ID: BNA02190.D

Level: (low/med) LOW Date Received: 2/24/99

% Moisture: 11.85 decanted:(Y/N) N Date Extracted: 3/4/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/8/99

Injection Volume: 1.0 (uL) 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	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	290	JB
206-44-0	Fluoranthene	220	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	230	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	150	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	340	J
117-81-7	bis(2-Ethylhexyl)phthalate	280	J
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	220	J
207-08-9	Benzo[k]fluoranthene	280	J
50-32-8	Benzo[a]pyrene	190	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	120	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-27

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4298 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4298.12

Sample wt/vol: 10.38 (g/ml) G Lab File ID: BNA02190.D

Level: (low/med) LOW Date Received: 2/24/99

% Moisture: 11.85 decanted: (Y/N) N Date Extracted: 3/4/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/8/99

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	23.70	6200	JN
2.	unknown	27.96	1200	J

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-31

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4327 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4327.02

Sample wt/vol: 10.18 (g/ml) G Lab File ID: BNA02203.D

Level: (low/med) LOW Date Received: 3/8/99

% Moisture: 36.89 decanted:(Y/N) N Date Extracted: 3/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/15/99

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	1600	U
62-75-9	N-nitroso-dimethylamine	1600	U
62-53-3	Aniline	1600	U
108-95-2	Phenol	1600	U
111-44-4	bis(2-Chloroethyl)ether	1600	U
95-57-8	2-Chlorophenol	1600	U
541-73-1	1,3-Dichlorobenzene	1600	U
106-46-7	1,4-Dichlorobenzene	1600	U
100-51-6	Benzyl alcohol	1600	U
95-50-1	1,2-Dichlorobenzene	1600	U
	2-Methylphenol	1600	U
108-60-1	bis(2-chloroisopropyl)ether	1600	U
	4-Methylphenol	1600	U
621-64-7	n-Nitroso-di-n-propylamine	1600	U
67-72-1	Hexachloroethane	1600	U
98-95-3	Nitrobenzene	1600	U
78-59-1	Isophorone	1600	U
88-75-5	2-Nitrophenol	1600	U
105-67-9	2,4-Dimethylphenol	1600	U
111-91-1	bis(2-Chloroethoxy)methane	1600	U
120-83-2	2,4-Dichlorophenol	1600	U
65-85-0	Benzoic Acid	1600	U
120-82-1	1,2,4-Trichlorobenzene	1600	U
91-20-3	Naphthalene	640	J
106-47-8	4-Chloroaniline	1600	U
87-68-3	Hexachlorobutadiene	1600	U
59-50-7	4-Chloro-3-methylphenol	1600	U
91-57-6	2-Methylnaphthalene	1600	U
77-47-4	Hexachlorocyclopentadiene	1600	U
88-06-2	2,4,6-Trichlorophenol	1600	U
	2,4,5-Trichlorophenol	1600	U
91-58-7	2-Chloronaphthalene	1600	U
88-74-4	2-Nitroaniline	1600	U
131-11-3	Dimethylphthalate	1600	U
208-96-8	Acenaphthylene	1600	U
606-20-2	2,6-Dinitrotoluene	1600	U
99-09-2	3-Nitroaniline	1600	U

1C

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-31

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4327 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4327.02

Sample wt/vol: 10.18 (g/ml) G Lab File ID: BNA02203.D

Level: (low/med) LOW Date Received: 3/8/99

% Moisture: 36.89 decanted:(Y/N) N Date Extracted: 3/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/15/99

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	1600	U
51-28-5	2,4-Dinitrophenol	1600	U
132-64-9	Dibenzofuran	1600	U
100-02-7	4-Nitrophenol	1600	U
121-14-2	2,4-Dinitrotoluene	1600	U
84-66-2	Diethylphthalate	320	JB
86-73-7	Fluorene	1600	U
7005-72-3	4-Chlorophenyl-phenylether	1600	U
100-01-6	4-Nitroaniline	1600	U
534-52-1	4,6-Dinitro-2-methylphenol	1600	U
86-30-6	n-Nitrosodiphenylamine	1600	U
103-33-3	Azobenzene	1600	U
101-55-3	4-Bromophenyl-phenylether	1600	U
118-74-1	Hexachlorobenzene	1600	U
87-86-5	Pentachlorophenol	1600	U
85-01-8	Phenanthrene	320	J
120-12-7	Anthracene	1600	U
84-74-2	Di-n-butylphthalate	1200	JB
206-44-0	Fluoranthene	600	J
92-87-5	Benzidine	1600	U
129-00-0	Pyrene	670	J
85-68-7	Butylbenzylphthalate	1600	U
56-55-3	Benzo[a]anthracene	340	J
91-94-1	3,3'-Dichlorobenzidine	1600	U
218-01-9	Chrysene	680	J
117-81-7	bis(2-Ethylhexyl)phthalate	530	JB
117-84-0	Di-n-octylphthalate	1600	U
205-99-2	Benzo[b]fluoranthene	340	J
207-08-9	Benzo[k]fluoranthene	400	J
50-32-8	Benzo[a]pyrene	390	J
193-39-5	Indeno[1,2,3-cd]pyrene	210	J
53-70-3	Dibenz[a,h]anthracene	1600	U
191-24-2	Benzo[g,h,i]perylene	200	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-31

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4327 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4327.02

Sample wt/vol: 10.18 (g/ml) G Lab File ID: BNA02203.D

Level: (low/med) LOW Date Received: 3/8/99

% Moisture: 36.89 decanted: (Y/N) N Date Extracted: 3/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/15/99

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. 017851-53-5	1,2-Benzenedicarboxylic acid, but	18.23	1300	JN
2. 000112-88-9	1-Octadecene	23.71	9200	JN
3. 077899-03-7	1-Heneicosyl formate	25.24	15000	JN
4. 000593-45-3	Octadecane	27.93	6200	JN
5. 000000-00-0	1-Hexacosanal	28.84	7200	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-32

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4327 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4327.04

Sample wt/vol: 10.24 (g/ml) G Lab File ID: BNA02202.D

Level: (low/med) LOW Date Received: 3/8/99

% Moisture: 11.33 decanted:(Y/N) N Date Extracted: 3/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/15/99

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-32

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4327 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4327.04

Sample wt/vol: 10.24 (g/ml) G Lab File ID: BNA02202.D

Level: (low/med) LOW Date Received: 3/8/99

% Moisture: 11.33 decanted:(Y/N) N Date Extracted: 3/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/15/99

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	110	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	640	JB
206-44-0	Fluoranthene	170	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	150	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	170	J
117-81-7	bis(2-Ethylhexyl)phthalate	130	JB
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-32

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4327 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4327.04

Sample wt/vol: 10.24 (g/ml) G Lab File ID: BNA02202.D

Level: (low/med) LOW Date Received: 3/8/99

% Moisture: 11.33 decanted: (Y/N) N Date Extracted: 3/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/15/99

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	18.23	930	JN
2. 074685-30-6	5-Eicosene, (E)-	23.70	3800	JN
3. 000112-40-3	Dodecane	25.22	1100	JN
4. 000000-00-0	1-Hexacosanal	27.58	4000	JN
5. 000629-80-1	Hexadecanal	28.85	3900	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-33

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4327 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4327.06

Sample wt/vol: 10.12 (g/ml) G Lab File ID: BNA02201.D

Level: (low/med) LOW Date Received: 3/8/99

% Moisture: 14.4 decanted:(Y/N) N Date Extracted: 3/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/15/99

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-33

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4327 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4327.06

Sample wt/vol: 10.12 (g/ml) G Lab File ID: BNA02201.D

Level: (low/med) LOW Date Received: 3/8/99

% Moisture: 14.4 decanted:(Y/N) N Date Extracted: 3/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/15/99

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	240	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	580	JB
206-44-0	Fluoranthene	420	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	370	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	180	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	360	J
117-81-7	bis(2-Ethylhexyl)phthalate	200	JB
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	170	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	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-33

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4327 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4327.06

Sample wt/vol: 10.12 (g/ml) G Lab File ID: BNA02201.D

Level: (low/med) LOW Date Received: 3/8/99

% Moisture: 14.4 decanted: (Y/N) N Date Extracted: 3/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/15/99

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. 019047-85-9	Phosphonic acid, dioctadecyl este	23.70	4000	JN
2. 007206-21-5	5-Octadecene, (E)-	25.21	950	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-34

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4331 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4331.02

Sample wt/vol: 10.17 (g/ml) G Lab File ID: BNA02197.D

Level: (low/med) LOW Date Received: 3/9/99

% Moisture: 11.11 decanted:(Y/N) N Date Extracted: 3/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/15/99

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-34

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4331 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4331.02

Sample wt/vol: 10.17 (g/ml) G Lab File ID: BNA02197.D

Level: (low/med) LOW Date Received: 3/9/99

% Moisture: 11.11 decanted:(Y/N) N Date Extracted: 3/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/15/99

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	360	JB
206-44-0	Fluoranthene	140	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	150	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	160	J
117-81-7	bis(2-Ethylhexyl)phthalate	190	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-34

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4331 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4331.02

Sample wt/vol: 10.17 (g/ml) G Lab File ID: BNA02197.D

Level: (low/med) LOW Date Received: 3/9/99

% Moisture: 11.11 decanted: (Y/N) N Date Extracted: 3/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/15/99

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.	074685-30-6	5-Eicosene, (E)-	23.70	4000	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-35

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4331 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4331.04

Sample wt/vol: 10.12 (g/ml) G Lab File ID: BNA02198.D

Level: (low/med) LOW Date Received: 3/9/99

% Moisture: 12.1 decanted:(Y/N) N Date Extracted: 3/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/15/99

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-35

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4331 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4331.04

Sample wt/vol: 10.12 (g/ml) G Lab File ID: BNA02198.D

Level: (low/med) LOW Date Received: 3/9/99

% Moisture: 12.1 decanted:(Y/N) N Date Extracted: 3/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/15/99

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	620	JB
206-44-0	Fluoranthene	190	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	150	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	170	J
117-81-7	bis(2-Ethylhexyl)phthalate	180	JB
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	120	J
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-35

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4331 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4331.04

Sample wt/vol: 10.12 (g/ml) G Lab File ID: BNA02198.D

Level: (low/med) LOW Date Received: 3/9/99

% Moisture: 12.1 decanted: (Y/N) N Date Extracted: 3/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/15/99

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. 000629-96-9	1-Eicosanol	23.69	3100	JN
2. 000000-00-0	1-Hexacosanal	26.21	960	JN
3. 000629-97-0	Docosane	27.92	1500	JN
4. 007390-81-0	Oxirane, hexadecyl-	28.83	930	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-36

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4331 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4331.06

Sample wt/vol: 10.15 (g/ml) G Lab File ID: BNA02220.D

Level: (low/med) LOW Date Received: 3/9/99

% Moisture: 12.83 decanted:(Y/N) N Date Extracted: 3/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/16/99

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-36

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4331 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4331.06

Sample wt/vol: 10.15 (g/ml) G Lab File ID: BNA02220.D

Level: (low/med) LOW Date Received: 3/9/99

% Moisture: 12.83 decanted:(Y/N) N Date Extracted: 3/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/16/99

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	300	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	600	JB
206-44-0	Fluoranthene	460	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	370	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	200	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	350	J
117-81-7	bis(2-Ethylhexyl)phthalate	290	JB
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	210	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	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

FIELD ID.

B-36

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4331 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4331.06

Sample wt/vol: 10.15 (g/ml) G Lab File ID: BNA02220.D

Level: (low/med) LOW Date Received: 3/9/99

% Moisture: 12.83 decanted: (Y/N) N Date Extracted: 3/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/16/99

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. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.23	950	JN
2. 018435-45-5	1-Nonadecene	23.70	5000	JN
3. 074685-30-6	5-Eicosene, (E)-	25.21	1700	JN
4. 056554-86-0	17-Octadecenal	26.21	1000	JN
5. 000629-92-5	Nonadecane	27.92	960	JN
6.	unknown	27.96	1400	J
7. 000000-00-0	1-Hexacosanal	28.83	1400	JN
8. 000629-96-9	1-Eicosanol	29.21	990	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-37

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4331 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4331.08

Sample wt/vol: 10.13 (g/ml) G Lab File ID: BNA02200.D

Level: (low/med) LOW Date Received: 3/9/99

% Moisture: 21.27 decanted:(Y/N) N Date Extracted: 3/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/15/99

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	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

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-37

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4331 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4331.08

Sample wt/vol: 10.13 (g/ml) G Lab File ID: BNA02200.D

Level: (low/med) LOW Date Received: 3/9/99

% Moisture: 21.27 decanted: (Y/N) N Date Extracted: 3/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/15/99

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	18.23	1200	JN
2. 000629-96-9	1-Eicosanol	23.69	2700	JN
3.	unknown	29.05	1500	J

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-38

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4335 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4335.02

Sample wt/vol: 10.1 (g/ml) G Lab File ID: BNA02218.D

Level: (low/med) LOW Date Received: 3/10/99

% Moisture: 14.46 decanted:(Y/N) N Date Extracted: 3/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/16/99

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	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-38

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4335 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4335.02

Sample wt/vol: 10.1 (g/ml) G Lab File ID: BNA02218.D

Level: (low/med) LOW Date Received: 3/10/99

% Moisture: 14.46 decanted:(Y/N) N Date Extracted: 3/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/16/99

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	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	230	J
120-12-7	Anthracene	1200	U
84-74-2	Di-n-butylphthalate	1600	B
206-44-0	Fluoranthene	200	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	120	J
91-94-1	3,3'-Dichlorobenzidine	1200	U
218-01-9	Chrysene	280	J
117-81-7	bis(2-Ethylhexyl)phthalate	220	JB
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	120	J
193-39-5	Indeno[1,2,3-cd]pyrene	1200	U
53-70-3	Dibenz[a,h]anthracene	1200	U
191-24-2	Benzo[g,h,i]perylene	1200	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-38

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4335 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4335.02

Sample wt/vol: 10.1 (g/ml) G Lab File ID: BNA02218.D

Level: (low/med) LOW Date Received: 3/10/99

% Moisture: 14.46 decanted: (Y/N) N Date Extracted: 3/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/16/99

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. 017851-53-5	1,2-Benzenedicarboxylic acid, bul	18.23	1700	JN
2. 001454-84-8	1-Nonadecanol	23.69	4000	JN
3. 000112-88-9	1-Octadecene	25.21	1300	JN
4. 001454-84-8	1-Nonadecanol	27.96	1100	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-39

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4335 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4335.04

Sample wt/vol: 10.13 (g/ml) G Lab File ID: BNA02219.D

Level: (low/med) LOW Date Received: 3/10/99

% Moisture: 13.42 decanted:(Y/N) N Date Extracted: 3/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/16/99

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-39

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4335 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4335.04

Sample wt/vol: 10.13 (g/ml) G Lab File ID: BNA02219.D

Level: (low/med) LOW Date Received: 3/10/99

% Moisture: 13.42 decanted:(Y/N) N Date Extracted: 3/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/16/99

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	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	890	JB
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1100	U
117-81-7	bis(2-Ethylhexyl)phthalate	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-39

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4335 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4335.04

Sample wt/vol: 10.13 (g/ml) G Lab File ID: BNA02219.D

Level: (low/med) LOW Date Received: 3/10/99

% Moisture: 13.42 decanted: (Y/N) N Date Extracted: 3/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/16/99

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.	unknown	18.23	1000	J
2. 000629-96-9	1-Eicosanol	23.69	3500	JN
3.	unknown	27.95	920	J
4.	unknown	29.94	1400	J

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-40

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4335 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4335.06

Sample wt/vol: 10.1 (g/ml) G Lab File ID: BNA02236.D

Level: (low/med) LOW Date Received: 3/10/99

% Moisture: 12.19 decanted:(Y/N) N Date Extracted: 3/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/17/99

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-40

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4335 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4335.06

Sample wt/vol: 10.1 (g/ml) G Lab File ID: BNA02236.D

Level: (low/med) LOW Date Received: 3/10/99

% Moisture: 12.19 decanted:(Y/N) N Date Extracted: 3/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/17/99

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	180	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	400	JB
206-44-0	Fluoranthene	210	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	110	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	240	J
117-81-7	bis(2-Ethylhexyl)phthalate	140	JB
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	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-40

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4335 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4335.06

Sample wt/vol: 10.1 (g/ml) G Lab File ID: BNA02236.D

Level: (low/med) LOW Date Received: 3/10/99

% Moisture: 12.19 decanted: (Y/N) N Date Extracted: 3/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/17/99

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. 000000-00-0	9-Nonadecene	23.69	4400	JN
2. 000000-00-0	9-Nonadecene	25.21	1300	JN
3.	unknown	27.96	1100	J

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-41

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4335 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4335.08

Sample wt/vol: 10.06 (g/ml) G Lab File ID: BNA02237.D

Level: (low/med) LOW Date Received: 3/10/99

% Moisture: 13.8 decanted:(Y/N) N Date Extracted: 3/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/17/99

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	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-41

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4335 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4335.08

Sample wt/vol: 10.06 (g/ml) G Lab File ID: BNA02237.D

Level: (low/med) LOW Date Received: 3/10/99

% Moisture: 13.8 decanted:(Y/N) N Date Extracted: 3/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/17/99

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	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	1100	JB
206-44-0	Fluoranthene	170	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	140	JB
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo[b]fluoranthene	1200	U
207-08-9	Benzo[k]fluoranthene	1200	U
50-32-8	Benzo[a]pyrene	1200	U
193-39-5	Indeno[1,2,3-cd]pyrene	1200	U
53-70-3	Dibenz[a,h]anthracene	1200	U
191-24-2	Benzo[g,h,i]perylene	1200	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-41

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4335 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4335.08

Sample wt/vol: 10.06 (g/ml) G Lab File ID: BNA02237.D

Level: (low/med) LOW Date Received: 3/10/99

% Moisture: 13.8 decanted: (Y/N) N Date Extracted: 3/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/17/99

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	18.23	1200	JN
2. 000629-96-9	1-Eicosanol	23.69	4200	JN
3. 006624-79-9	1-Dotriacontanol	25.21	1400	JN
4.	unknown	28.88	1200	J

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-42

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4335 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4335.10

Sample wt/vol: 10.01 (g/ml) G Lab File ID: BNA02238.D

Level: (low/med) LOW Date Received: 3/10/99

% Moisture: 13.97 decanted:(Y/N) N Date Extracted: 3/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/17/99

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	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

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-42

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4335 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4335.10

Sample wt/vol: 10.01 (g/ml) G Lab File ID: BNA02238.D

Level: (low/med) LOW Date Received: 3/10/99

% Moisture: 13.97 decanted:(Y/N) N Date Extracted: 3/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/17/99

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	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	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	2400	
120-12-7	Anthracene	700	J
84-74-2	Di-n-butylphthalate	330	JB
206-44-0	Fluoranthene	5500	
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	4100	
85-68-7	Butylbenzylphthalate	1200	U
56-55-3	Benzo[a]anthracene	2200	
91-94-1	3,3'-Dichlorobenzidine	1200	U
218-01-9	Chrysene	3700	
117-81-7	bis(2-Ethylhexyl)phthalate	150	JB
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo[b]fluoranthene	2100	
207-08-9	Benzo[k]fluoranthene	1800	
50-32-8	Benzo[a]pyrene	2200	
193-39-5	Indeno[1,2,3-cd]pyrene	1300	
53-70-3	Dibenz[a,h]anthracene	640	J
191-24-2	Benzo[g,h,i]perylene	1300	

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-42

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4335 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4335.10

Sample wt/vol: 10.01 (g/ml) G Lab File ID: BNA02238.D

Level: (low/med) LOW Date Received: 3/10/99

% Moisture: 13.97 decanted: (Y/N) N Date Extracted: 3/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/17/99

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. 010544-50-0	Sulfur, mol. (S8)	19.87	1900	JN
2. 019047-85-9	Phosphonic acid, dioctadecyl este	23.69	2600	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-43

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4340 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4340.02

Sample wt/vol: 10.06 (g/ml) G Lab File ID: BNA02222.D

Level: (low/med) LOW Date Received: 3/11/99

% Moisture: 15.9 decanted:(Y/N) N Date Extracted: 3/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/16/99

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	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-43**

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4340 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4340.02

Sample wt/vol: 10.06 (g/ml) G Lab File ID: BNA02222.D

Level: (low/med) LOW Date Received: 3/11/99

% Moisture: 15.9 decanted:(Y/N) N Date Extracted: 3/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/16/99

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	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	980	JB
206-44-0	Fluoranthene	130	J
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	150	J
85-68-7	Butylbenzylphthalate	1200	U
56-55-3	Benzo[a]anthracene	1200	U
91-94-1	3,3'-Dichlorobenzidine	1200	U
218-01-9	Chrysene	190	J
117-81-7	bis(2-Ethylhexyl)phthalate	150	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	140	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-43

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4340 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4340.02

Sample wt/vol: 10.06 (g/ml) G Lab File ID: BNA02222.D

Level: (low/med) LOW Date Received: 3/11/99

% Moisture: 15.9 decanted: (Y/N) N Date Extracted: 3/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/16/99

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	18.23	1100	JN
2.	unknown	20.84	980	J
3. 001454-84-8	1-Nonadecanol	23.70	5700	JN
4. 006971-40-0	17-Pentatriacontene	25.23	4700	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-44

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4340 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4340.04

Sample wt/vol: 10.06 (g/ml) G Lab File ID: BNA02221.D

Level: (low/med) LOW Date Received: 3/11/99

% Moisture: 15.2 decanted:(Y/N) N Date Extracted: 3/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/16/99

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	1200	U
62-75-9	N-nitroso-dimethylamine	1200	U
62-53-3	Aniline	1200	U
108-95-2	Phenol	1200	U
111-44-4	bis(2-Chloroethyl)ether	1200	U
95-57-8	2-Chlorophenol	1200	U
541-73-1	1,3-Dichlorobenzene	1200	U
106-46-7	1,4-Dichlorobenzene	1200	U
100-51-6	Benzyl alcohol	1200	U
95-50-1	1,2-Dichlorobenzene	1200	U
	2-Methylphenol	1200	U
108-60-1	bis(2-chloroisopropyl)ether	1200	U
	4-Methylphenol	1200	U
621-64-7	n-Nitroso-di-n-propylamine	1200	U
67-72-1	Hexachloroethane	1200	U
98-95-3	Nitrobenzene	1200	U
78-59-1	Isophorone	1200	U
88-75-5	2-Nitrophenol	1200	U
105-67-9	2,4-Dimethylphenol	1200	U
111-91-1	bis(2-Chloroethoxy)methane	1200	U
120-83-2	2,4-Dichlorophenol	1200	U
65-85-0	Benzoic Acid	1200	U
120-82-1	1,2,4-Trichlorobenzene	1200	U
91-20-3	Naphthalene	1200	U
106-47-8	4-Chloroaniline	1200	U
87-68-3	Hexachlorobutadiene	1200	U
59-50-7	4-Chloro-3-methylphenol	1200	U
91-57-6	2-Methylnaphthalene	1200	U
77-47-4	Hexachlorocyclopentadiene	1200	U
88-06-2	2,4,6-Trichlorophenol	1200	U
	2,4,5-Trichlorophenol	1200	U
91-58-7	2-Chloronaphthalene	1200	U
88-74-4	2-Nitroaniline	1200	U
131-11-3	Dimethylphthalate	1200	U
208-96-8	Acenaphthylene	1200	U
606-20-2	2,6-Dinitrotoluene	1200	U
99-09-2	3-Nitroaniline	1200	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-44

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4340 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4340.04

Sample wt/vol: 10.06 (g/ml) G Lab File ID: BNA02221.D

Level: (low/med) LOW Date Received: 3/11/99

% Moisture: 15.2 decanted:(Y/N) N Date Extracted: 3/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/16/99

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	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	130	J
7005-72-3	4-Chlorophenyl-phenylether	1200	U
100-01-6	4-Nitroaniline	1200	U
534-52-1	4,6-Dinitro-2-methylphenol	1200	U
86-30-6	n-Nitrosodiphenylamine	1200	U
103-33-3	Azobenzene	1200	U
101-55-3	4-Bromophenyl-phenylether	1200	U
118-74-1	Hexachlorobenzene	1200	U
87-86-5	Pentachlorophenol	1200	U
85-01-8	Phenanthrene	1200	
120-12-7	Anthracene	350	J
84-74-2	Di-n-butylphthalate	380	JB
206-44-0	Fluoranthene	1800	
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	1500	
85-68-7	Butylbenzylphthalate	1200	U
56-55-3	Benzo[a]anthracene	840	J
91-94-1	3,3'-Dichlorobenzidine	1200	U
218-01-9	Chrysene	1500	
117-81-7	bis(2-Ethylhexyl)phthalate	150	JB
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo[b]fluoranthene	700	J
207-08-9	Benzo[k]fluoranthene	810	J
50-32-8	Benzo[a]pyrene	860	J
193-39-5	Indeno[1,2,3-cd]pyrene	480	J
53-70-3	Dibenz[a,h]anthracene	220	J
191-24-2	Benzo[g,h,i]perylene	490	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID. **B-44**

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4340 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4340.04

Sample wt/vol: 10.06 (g/ml) G Lab File ID: BNA02221.D

Level: (low/med) LOW Date Received: 3/11/99

% Moisture: 15.2 decanted: (Y/N) N Date Extracted: 3/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/16/99

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. 000629-96-9	1-Eicosanol	23.70	4400	JN
2. 040710-42-7	1-Hentetracontanol	25.21	1100	JN
3.	unknown	27.96	1000	J

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-45

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4349 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4349.02

Sample wt/vol: 10.14 (g/ml) G Lab File ID: BNA02243.D

Level: (low/med) LOW Date Received: 3/16/99

% Moisture: 13.1 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. **B-45**

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4349 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4349.02

Sample wt/vol: 10.14 (g/ml) G Lab File ID: BNA02243.D

Level: (low/med) LOW Date Received: 3/16/99

% Moisture: 13.1 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	180	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	300	JB
206-44-0	Fluoranthene	380	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	190	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	380	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	240	J
50-32-8	Benzo[a]pyrene	210	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-45

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4349 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4349.02

Sample wt/vol: 10.14 (g/ml) G Lab File ID: BNA02243.D

Level: (low/med) LOW Date Received: 3/16/99

% Moisture: 13.1 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: 4 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	15.67	920	J
2.	unknown	15.94	2600	J
3. 018435-45-5	1-Nonadecene	23.71	6500	JN
4. 001599-67-3	1-Docosene	25.22	2000	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-46

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4349 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4349.04

Sample wt/vol: 10.36 (g/ml) G Lab File ID: BNA02246.D

Level: (low/med) LOW Date Received: 3/16/99

% Moisture: 12.27 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. **B-46**

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4349 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4349.04

Sample wt/vol: 10.36 (g/ml) G Lab File ID: BNA02246.D

Level: (low/med) LOW Date Received: 3/16/99

% Moisture: 12.27 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	300	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	760	JB
206-44-0	Fluoranthene	270	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	190	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	400	J
117-81-7	bis(2-Ethylhexyl)phthalate	320	JB
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	120	J
207-08-9	Benzo[k]fluoranthene	160	J
50-32-8	Benzo[a]pyrene	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	120	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-46

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4349 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4349.04

Sample wt/vol: 10.36 (g/ml) G Lab File ID: BNA02246.D

Level: (low/med) LOW Date Received: 3/16/99

% Moisture: 12.27 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: 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	18.24	1300	JN
2. 074685-30-6	5-Eicosene, (E)-	23.71	6000	JN
3. 001599-67-3	1-Docosene	25.22	1300	JN
4. 001454-84-8	1-Nonadecanol	27.97	1200	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-47

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4349 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4349.06

Sample wt/vol: 10.16 (g/ml) G Lab File ID: BNA02254.D

Level: (low/med) LOW Date Received: 3/16/99

% Moisture: 11.81 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.

B-47

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4349 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4349.06

Sample wt/vol: 10.16 (g/ml) G Lab File ID: BNA02254.D

Level: (low/med) LOW Date Received: 3/16/99

% Moisture: 11.81 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	380	JB
206-44-0	Fluoranthene	150	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	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	130	J
207-08-9	Benzo[k]fluoranthene	140	J
50-32-8	Benzo[a]pyrene	660	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-47

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4349 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4349.06

Sample wt/vol: 10.16 (g/ml) G Lab File ID: BNA02254.D

Level: (low/med) LOW Date Received: 3/16/99

% Moisture: 11.81 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: 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-48

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4349 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4349.08

Sample wt/vol: 10.09 (g/ml) G Lab File ID: BNA02253.D

Level: (low/med) LOW Date Received: 3/16/99

% Moisture: 15.44 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

B-48

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4349 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4349.08

Sample wt/vol: 10.09 (g/ml) G Lab File ID: BNA02253.D

Level: (low/med) LOW Date Received: 3/16/99

% Moisture: 15.44 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	140	J
120-12-7	Anthracene	1200	U
84-74-2	Di-n-butylphthalate	550	JB
206-44-0	Fluoranthene	230	J
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	250	J
85-68-7	Butylbenzylphthalate	1200	U
56-55-3	Benzo[a]anthracene	140	J
91-94-1	3,3'-Dichlorobenzidine	1200	U
218-01-9	Chrysene	280	J
117-81-7	bis(2-Ethylhexyl)phthalate	190	JB
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo[b]fluoranthene	140	J
207-08-9	Benzo[k]fluoranthene	160	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-48

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4349 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4349.08

Sample wt/vol: 10.09 (g/ml) G Lab File ID: BNA02253.D

Level: (low/med) LOW Date Received: 3/16/99

% Moisture: 15.44 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: 2 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000629-96-9	1-Eicosanol	23.71	7300	JN
2. 002136-70-1	Ethanol, 2-(tetradecyloxy)-	25.22	1100	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-49

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4356 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4356.02

Sample wt/vol: 10.34 (g/ml) G Lab File ID: BNA02300.D

Level: (low/med) LOW Date Received: 3/17/99

% Moisture: 26.97 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

B-49

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4356 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4356.02

Sample wt/vol: 10.34 (g/ml) G Lab File ID: BNA02300.D

Level: (low/med) LOW Date Received: 3/17/99

% Moisture: 26.97 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	380	JB
206-44-0	Fluoranthene	1300	U
92-87-5	Benzidine	1300	U
129-00-0	Pyrene	170	J
85-68-7	Butylbenzylphthalate	1300	U
56-55-3	Benzo[a]anthracene	180	J
91-94-1	3,3'-Dichlorobenzidine	1300	U
218-01-9	Chrysene	610	J
117-81-7	bis(2-Ethylhexyl)phthalate	1300	U
117-84-0	Di-n-octylphthalate	1300	U
205-99-2	Benzo[b]fluoranthene	320	J
207-08-9	Benzo[k]fluoranthene	290	J
50-32-8	Benzo[a]pyrene	170	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	130	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-49

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4356 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4356.02

Sample wt/vol: 10.34 (g/ml) G Lab File ID: BNA02300.D

Level: (low/med) LOW Date Received: 3/17/99

% Moisture: 26.97 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: 3 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	17.57	4000	J
2. 000112-80-1	Oleic Acid	20.90	3000	JN
3. 000629-96-9	1-Eicosanol	23.73	4500	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-50

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4356 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4356.04

Sample wt/vol: 10.04 (g/ml) G Lab File ID: BNA02307.D

Level: (low/med) LOW Date Received: 3/17/99

% Moisture: 28.27 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	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-50

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4356 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4356.04

Sample wt/vol: 10.04 (g/ml) G Lab File ID: BNA02307.D

Level: (low/med) LOW Date Received: 3/17/99

% Moisture: 28.27 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	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	200	J
120-12-7	Anthracene	1400	U
84-74-2	Di-n-butylphthalate	700	JB
206-44-0	Fluoranthene	370	J
92-87-5	Benzidine	1400	U
129-00-0	Pyrene	420	J
85-68-7	Butylbenzylphthalate	1400	U
56-55-3	Benzo[a]anthracene	260	J
91-94-1	3,3'-Dichlorobenzidine	1400	U
218-01-9	Chrysene	530	J
117-81-7	bis(2-Ethylhexyl)phthalate	190	JB
117-84-0	Di-n-octylphthalate	1400	U
205-99-2	Benzo[b]fluoranthene	290	J
207-08-9	Benzo[k]fluoranthene	210	J
50-32-8	Benzo[a]pyrene	310	J
193-39-5	Indeno[1,2,3-cd]pyrene	210	J
53-70-3	Dibenz[a,h]anthracene	1400	U
191-24-2	Benzo[g,h,i]perylene	320	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-50

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4356 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4356.04

Sample wt/vol: 10.04 (g/ml) G Lab File ID: BNA02307.D

Level: (low/med) LOW Date Received: 3/17/99

% Moisture: 28.27 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: 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	1500	JN
2. 000629-96-9	1-Eicosanol	23.72	5100	JN
3. 001599-67-3	1-Docosene	25.24	1400	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-51

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4356 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4356.06

Sample wt/vol: 10.27 (g/ml) G Lab File ID: BNA02301.D

Level: (low/med) LOW Date Received: 3/17/99

% Moisture: 13.85 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

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID. **B-51**

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4356 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4356.06

Sample wt/vol: 10.27 (g/ml) G Lab File ID: BNA02301.D

Level: (low/med) LOW Date Received: 3/17/99

% Moisture: 13.85 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	160	JB
206-44-0	Fluoranthene	150	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	180	J
117-81-7	bis(2-Ethylhexyl)phthalate	150	JB
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-51

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4356 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4356.06

Sample wt/vol: 10.27 (g/ml) G Lab File ID: BNA02301.D

Level: (low/med) LOW Date Received: 3/17/99

% Moisture: 13.85 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: 2 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 074685-33-9	3-Eicosene, (E)-	23.72	5700	JN
2. 000661-19-8	1-Docosanol	25.24	3000	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-52

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4356 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4356.08

Sample wt/vol: 10.1 (g/ml) G Lab File ID: BNA02302.D

Level: (low/med) LOW Date Received: 3/17/99

% Moisture: 13.88 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	1200	U
62-75-9	N-nitroso-dimethylamine	1200	U
62-53-3	Aniline	1200	U
108-95-2	Phenol	1200	U
111-44-4	bis(2-Chloroethyl)ether	1200	U
95-57-8	2-Chlorophenol	1200	U
541-73-1	1,3-Dichlorobenzene	1200	U
106-46-7	1,4-Dichlorobenzene	1200	U
100-51-6	Benzyl alcohol	1200	U
95-50-1	1,2-Dichlorobenzene	1200	U
	2-Methylphenol	1200	U
108-60-1	bis(2-chloroisopropyl)ether	1200	U
	4-Methylphenol	1200	U
621-64-7	n-Nitroso-di-n-propylamine	1200	U
67-72-1	Hexachloroethane	1200	U
98-95-3	Nitrobenzene	1200	U
78-59-1	Isophorone	1200	U
88-75-5	2-Nitrophenol	1200	U
105-67-9	2,4-Dimethylphenol	1200	U
111-91-1	bis(2-Chloroethoxy)methane	1200	U
120-83-2	2,4-Dichlorophenol	1200	U
65-85-0	Benzoic Acid	1200	U
120-82-1	1,2,4-Trichlorobenzene	1200	U
91-20-3	Naphthalene	1200	U
106-47-8	4-Chloroaniline	1200	U
87-68-3	Hexachlorobutadiene	1200	U
59-50-7	4-Chloro-3-methylphenol	1200	U
91-57-6	2-Methylnaphthalene	1200	U
77-47-4	Hexachlorocyclopentadiene	1200	U
88-06-2	2,4,6-Trichlorophenol	1200	U
	2,4,5-Trichlorophenol	1200	U
91-58-7	2-Chloronaphthalene	1200	U
88-74-4	2-Nitroaniline	1200	U
131-11-3	Dimethylphthalate	1200	U
208-96-8	Acenaphthylene	1200	U
606-20-2	2,6-Dinitrotoluene	1200	U
99-09-2	3-Nitroaniline	1200	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-52

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4356 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4356.08

Sample wt/vol: 10.1 (g/ml) G Lab File ID: BNA02302.D

Level: (low/med) LOW Date Received: 3/17/99

% Moisture: 13.88 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	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	830	JB
206-44-0	Fluoranthene	1200	U
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	1200	U
85-68-7	Butylbenzylphthalate	1200	U
56-55-3	Benzo[a]anthracene	1200	U
91-94-1	3,3'-Dichlorobenzidine	1200	U
218-01-9	Chrysene	1200	U
117-81-7	bis(2-Ethylhexyl)phthalate	1200	U
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo[b]fluoranthene	1200	U
207-08-9	Benzo[k]fluoranthene	1200	U
50-32-8	Benzo[a]pyrene	1200	U
193-39-5	Indeno[1,2,3-cd]pyrene	1200	U
53-70-3	Dibenz[a,h]anthracene	1200	U
191-24-2	Benzo[g,h,i]perylene	1200	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-52

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4356 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4356.08

Sample wt/vol: 10.1 (g/ml) G Lab File ID: BNA02302.D

Level: (low/med) LOW Date Received: 3/17/99

% Moisture: 13.88 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: 3 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	18.24	1500	J
2. 001454-84-8	1-Nonadecanol	23.72	4200	JN
3. 000297-03-0	Cyclotetracosane	25.24	2200	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-53

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4356 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4356.10

Sample wt/vol: 10.04 (g/ml) G Lab File ID: BNA02303.D

Level: (low/med) LOW Date Received: 3/17/99

% Moisture: 15.23 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	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-53

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4356 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4356.10

Sample wt/vol: 10.04 (g/ml) G Lab File ID: BNA02303.D

Level: (low/med) LOW Date Received: 3/17/99

% Moisture: 15.23 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	1200	U
51-28-5	2,4-Dinitrophenol	1200	U
132-64-9	Dibenzofuran	1200	U
100-02-7	4-Nitrophenol	1200	U
121-14-2	2,4-Dinitrotoluene	1200	U
84-66-2	Diethylphthalate	1200	U
86-73-7	Fluorene	1200	U
7005-72-3	4-Chlorophenyl-phenylether	1200	U
100-01-6	4-Nitroaniline	1200	U
534-52-1	4,6-Dinitro-2-methylphenol	1200	U
86-30-6	n-Nitrosodiphenylamine	1200	U
103-33-3	Azobenzene	1200	U
101-55-3	4-Bromophenyl-phenylether	1200	U
118-74-1	Hexachlorobenzene	1200	U
87-86-5	Pentachlorophenol	1200	U
85-01-8	Phenanthrene	130	J
120-12-7	Anthracene	1200	U
84-74-2	Di-n-butylphthalate	1200	U
206-44-0	Fluoranthene	200	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	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-53

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4356 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4356.10

Sample wt/vol: 10.04 (g/ml) G Lab File ID: BNA02303.D

Level: (low/med) LOW Date Received: 3/17/99

% Moisture: 15.23 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: 3 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 001599-67-3	1-Docosene	23.72	3600	JN
2. 000629-96-9	1-Eicosanol	25.23	1300	JN
3. 000124-25-4	Tetradecanal	28.85	960	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-54

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4356 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4356.12

Sample wt/vol: 10.41 (g/ml) G Lab File ID: BNA02304.D

Level: (low/med) LOW Date Received: 3/17/99

% Moisture: 13.99 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

B-54

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4356 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4356.12

Sample wt/vol: 10.41 (g/ml) G Lab File ID: BNA02304.D

Level: (low/med) LOW Date Received: 3/17/99

% Moisture: 13.99 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	640	JB
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1100	U
117-81-7	bis(2-Ethylhexyl)phthalate	150	JB
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-54

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4356 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4356.12

Sample wt/vol: 10.41 (g/ml) G Lab File ID: BNA02304.D

Level: (low/med) LOW Date Received: 3/17/99

% Moisture: 13.99 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: 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	1000	JN
2. 001454-84-8	1-Nonadecanol	23.71	3100	JN
3.	unknown	29.43	1100	J

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-55

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4356 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4356.14

Sample wt/vol: 10.2 (g/ml) G Lab File ID: BNA02306.D

Level: (low/med) LOW Date Received: 3/17/99

% Moisture: 13.44 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

B-55

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4356 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4356.14

Sample wt/vol: 10.2 (g/ml) G Lab File ID: BNA02306.D

Level: (low/med) LOW Date Received: 3/17/99

% Moisture: 13.44 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	430	JB
206-44-0	Fluoranthene	780	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	880	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1500	
117-81-7	bis(2-Ethylhexyl)phthalate	140	J
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	J
207-08-9	Benzo[k]fluoranthene	970	J
50-32-8	Benzo[a]pyrene	1000	J
193-39-5	Indeno[1,2,3-cd]pyrene	780	J
53-70-3	Dibenz[a,h]anthracene	250	J
191-24-2	Benzo[g,h,i]perylene	760	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-55

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4356 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4356.14

Sample wt/vol: 10.2 (g/ml) G Lab File ID: BNA02306.D

Level: (low/med) LOW Date Received: 3/17/99

% Moisture: 13.44 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: 3 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 001454-84-8	1-Nonadecanol	23.71	2900	JN
2.	unknown	25.24	1100	J
3. 000629-97-0	Docosane	27.94	2600	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-56

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4359 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4359.02

Sample wt/vol: 10.19 (g/ml) G Lab File ID: BNA02322.D

Level: (low/med) LOW Date Received: 3/18/99

% Moisture: 16.82 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

B-56

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4359 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4359.02

Sample wt/vol: 10.19 (g/ml) G Lab File ID: BNA02322.D

Level: (low/med) LOW Date Received: 3/18/99

% Moisture: 16.82 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	130	JB
206-44-0	Fluoranthene	230	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	130	J
91-94-1	3,3'-Dichlorobenzidine	1200	U
218-01-9	Chrysene	220	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	120	J
193-39-5	Indeno[1,2,3-cd]pyrene	1200	U
53-70-3	Dibenz[a,h]anthracene	1200	U
191-24-2	Benzo[g,h,i]perylene	1200	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-56

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4359 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4359.02

Sample wt/vol: 10.19 (g/ml) G Lab File ID: BNA02322.D

Level: (low/med) LOW Date Received: 3/18/99

% Moisture: 16.82 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

Number TICs found: 6 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 007704-34-9	Sulfur	19.93	2000	JN
2. 001599-67-3	1-Docosene	23.72	4500	JN
3. 000112-88-9	1-Octadecene	25.24	2900	JN
4.	unknown	27.59	1100	J
5. 000629-97-0	Docosane	27.95	2400	JN
6. 000124-25-4	Tetradecanal	28.86	1200	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-57

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4359 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4359.04

Sample wt/vol: 10.24 (g/ml) G Lab File ID: BNA02354.D

Level: (low/med) LOW Date Received: 3/18/99

% Moisture: 12.57 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	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-57

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4359 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4359.04

Sample wt/vol: 10.24 (g/ml) G Lab File ID: BNA02354.D

Level: (low/med) LOW Date Received: 3/18/99

% Moisture: 12.57 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	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	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-57

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4359 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4359.04

Sample wt/vol: 10.24 (g/ml) G Lab File ID: BNA02354.D

Level: (low/med) LOW Date Received: 3/18/99

% Moisture: 12.57 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

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	25.72	3600	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-58

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4359 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4359.06

Sample wt/vol: 10.28 (g/ml) G Lab File ID: BNA02323.D

Level: (low/med) LOW Date Received: 3/18/99

% Moisture: 12.2 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

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-58

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4359 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4359.06

Sample wt/vol: 10.28 (g/ml) G Lab File ID: BNA02323.D

Level: (low/med) LOW Date Received: 3/18/99

% Moisture: 12.2 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	250	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	400	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	420	J
117-81-7	bis(2-Ethylhexyl)phthalate	130	J
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	250	J
207-08-9	Benzo[k]fluoranthene	200	J
50-32-8	Benzo[a]pyrene	240	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-58

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4359 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4359.06

Sample wt/vol: 10.28 (g/ml) G Lab File ID: BNA02323.D

Level: (low/med) LOW Date Received: 3/18/99

% Moisture: 12.2 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

Number TICs found: 1 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 074685-30-6	5-Eicosene, (E)-	23.72	3800	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-59

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4359 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4359.08

Sample wt/vol: 10.14 (g/ml) G Lab File ID: BNA02349.D

Level: (low/med) LOW Date Received: 3/18/99

% Moisture: 13.52 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	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-59

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4359 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4359.08

Sample wt/vol: 10.14 (g/ml) G Lab File ID: BNA02349.D

Level: (low/med) LOW Date Received: 3/18/99

% Moisture: 13.52 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	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	1100	U
206-44-0	Fluoranthene	150	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	230	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	120	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	200	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-59

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4359 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4359.08

Sample wt/vol: 10.14 (g/ml) G Lab File ID: BNA02349.D

Level: (low/med) LOW Date Received: 3/18/99

% Moisture: 13.52 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

Number TICs found: 1 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 001599-67-3	1-Docosene	27.24	1100	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-59A

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4367 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4367.02

Sample wt/vol: 10.07 (g/ml) G Lab File ID: BNA02350.D

Level: (low/med) LOW Date Received: 3/23/99

% Moisture: 13.21 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	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-59A

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4367 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4367.02

Sample wt/vol: 10.07 (g/ml) G Lab File ID: BNA02350.D

Level: (low/med) LOW Date Received: 3/23/99

% Moisture: 13.21 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	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	140	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	220	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	180	J
117-81-7	bis(2-Ethylhexyl)phthalate	110	J
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	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-59A

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4367 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4367.02

Sample wt/vol: 10.07 (g/ml) G Lab File ID: BNA02350.D

Level: (low/med) LOW Date Received: 3/23/99

% Moisture: 13.21 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

Number TICs found: 2 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000112-88-9	1-Octadecene	25.72	3700	JN
2. 001599-67-3	1-Docosene	27.24	1100	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-60

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4367 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4367.04

Sample wt/vol: 10.08 (g/ml) G Lab File ID: BNA02351.D

Level: (low/med) LOW Date Received: 3/23/99

% Moisture: 15.48 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	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.: 4367 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4367.04

Sample wt/vol: 10.08 (g/ml) G Lab File ID: BNA02351.D

Level: (low/med) LOW Date Received: 3/23/99

% Moisture: 15.48 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	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	180	JB
206-44-0	Fluoranthene	180	J
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	210	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	180	J
117-81-7	bis(2-Ethylhexyl)phthalate	1200	U
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo[b]fluoranthene	1200	U
207-08-9	Benzo[k]fluoranthene	1200	U
50-32-8	Benzo[a]pyrene	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.: 4367 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4367.04

Sample wt/vol: 10.08 (g/ml) G Lab File ID: BNA02351.D

Level: (low/med) LOW Date Received: 3/23/99

% Moisture: 15.48 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

Number TICs found: 2

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 001599-67-3	1-Docosene	27.24	1500	JN
2. 014021-23-9	D-Friedoolean-14-ene, 3-methoxy	31.77	1000	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-61

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4367 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4367.06

Sample wt/vol: 10.14 (g/ml) G Lab File ID: BNA02352.D

Level: (low/med) LOW Date Received: 3/23/99

% Moisture: 14.3 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	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-61

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4367 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4367.06

Sample wt/vol: 10.14 (g/ml) G Lab File ID: BNA02352.D

Level: (low/med) LOW Date Received: 3/23/99

% Moisture: 14.3 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	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	890	J
120-12-7	Anthracene	230	J
84-74-2	Di-n-butylphthalate	120	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	670	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	900	J
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	410	J
207-08-9	Benzo[k]fluoranthene	440	J
50-32-8	Benzo[a]pyrene	510	J
193-39-5	Indeno[1,2,3-cd]pyrene	310	J
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	360	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-61

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4367 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4367.06

Sample wt/vol: 10.14 (g/ml) G Lab File ID: BNA02352.D

Level: (low/med) LOW Date Received: 3/23/99

% Moisture: 14.3 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

Number TICs found: 1 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 001599-67-3	1-Docosene	27.24	960	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-62

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4367 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4367.08

Sample wt/vol: 10.21 (g/ml) G Lab File ID: BNA02353.D

Level: (low/med) LOW Date Received: 3/23/99

% Moisture: 12.16 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	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-62

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4367 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4367.08

Sample wt/vol: 10.21 (g/ml) G Lab File ID: BNA02353.D

Level: (low/med) LOW Date Received: 3/23/99

% Moisture: 12.16 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	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	130	JB
206-44-0	Fluoranthene	280	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	270	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	270	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	130	J
50-32-8	Benzo[a]pyrene	150	J
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-62

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4367 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4367.08

Sample wt/vol: 10.21 (g/ml) G Lab File ID: BNA02353.D

Level: (low/med) LOW Date Received: 3/23/99

% Moisture: 12.16 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

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-63

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4367 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4367.10

Sample wt/vol: 10.14 (g/ml) G Lab File ID: BN02967.D

Level: (low/med) LOW Date Received: 3/23/99

% Moisture: 18.05 decanted:(Y/N) N Date Extracted: 3/26/99

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	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

004404

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **B-63**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4367 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4367.10

Sample wt/vol: 10.14 (g/ml) G Lab File ID: BN02967.D

Level: (low/med) LOW Date Received: 3/23/99

% Moisture: 18.05 decanted:(Y/N) N Date Extracted: 3/26/99

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	1200	U
51-28-5	2,4-Dinitrophenol	1200	U
132-64-9	Dibenzofuran	1200	U
100-02-7	4-Nitrophenol	1200	U
121-14-2	2,4-Dinitrotoluene	1200	U
84-66-2	Diethylphthalate	1200	U
86-73-7	Fluorene	1200	U
7005-72-3	4-Chlorophenyl-phenylether	1200	U
100-01-6	4-Nitroaniline	1200	U
534-52-1	4,6-Dinitro-2-methylphenol	1200	U
86-30-6	n-Nitrosodiphenylamine	1200	U
103-33-3	Azobenzene	1200	U
101-55-3	4-Bromophenyl-phenylether	1200	U
118-74-1	Hexachlorobenzene	1200	U
87-86-5	Pentachlorophenol	1200	U
85-01-8	Phenanthrene	170	J
120-12-7	Anthracene	1200	U
84-74-2	Di-n-butylphthalate	770	JB
206-44-0	Fluoranthene	250	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	280	J
117-81-7	bis(2-Ethylhexyl)phthalate	180	J
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo[b]fluoranthene	140	J
207-08-9	Benzo[k]fluoranthene	150	J
50-32-8	Benzo[a]pyrene	140	J
193-39-5	Indeno[1,2,3-cd]pyrene	1200	U
53-70-3	Dibenz[a,h]anthracene	1200	U
191-24-2	Benzo[g,h,i]perylene	1200	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **B-63**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4367 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4367.10

Sample wt/vol: 10.14 (g/ml) G Lab File ID: BN02967.D

Level: (low/med) LOW Date Received: 3/23/99

% Moisture: 18.05 decanted: (Y/N) N Date Extracted: 3/26/99

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:

Number TICs found: 12 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000506-12-7	Heptadecanoic acid	24.44	1200	JN
2.	unknown	25.37	1700	J
3.	unknown	25.91	2600	J
4.	unknown	26.36	1400	J
5. 000638-68-6	Triacontane	26.75	1100	JN
6. 007098-22-8	Tetratetracontane	28.04	970	JN
7.	unknown	29.08	2100	J
8. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.45	2300	JN
9. 010544-50-0	Sulfur, mol. (S8)	20.17	7500	JN
10. 000112-80-1	Oleic Acid	21.05	6200	JN
11. 000057-11-4	Octadecanoic acid	21.19	1100	JN
12. 001454-84-8	1-Nonadecanol	23.86	4600	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **B-64**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4367 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4367.12

Sample wt/vol: 10.23 (g/ml) G Lab File ID: BN02968.D

Level: (low/med) LOW Date Received: 3/23/99

% Moisture: 37.7 decanted:(Y/N) N Date Extracted: 3/26/99

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	1600	U
62-75-9	N-nitroso-dimethylamine	1600	U
62-53-3	Aniline	1600	U
108-95-2	Phenol	1600	U
111-44-4	bis(2-Chloroethyl)ether	1600	U
95-57-8	2-Chlorophenol	1600	U
541-73-1	1,3-Dichlorobenzene	1600	U
106-46-7	1,4-Dichlorobenzene	1600	U
100-51-6	Benzyl alcohol	1600	U
95-50-1	1,2-Dichlorobenzene	1600	U
	2-Methylphenol	1600	U
108-60-1	bis(2-chloroisopropyl)ether	1600	U
	4-Methylphenol	1600	U
621-64-7	n-Nitroso-di-n-propylamine	1600	U
67-72-1	Hexachloroethane	1600	U
98-95-3	Nitrobenzene	1600	U
78-59-1	Isophorone	1600	U
88-75-5	2-Nitrophenol	1600	U
105-67-9	2,4-Dimethylphenol	1600	U
111-91-1	bis(2-Chloroethoxy)methane	1600	U
120-83-2	2,4-Dichlorophenol	1600	U
65-85-0	Benzoic Acid	1600	U
120-82-1	1,2,4-Trichlorobenzene	1600	U
91-20-3	Naphthalene	1600	U
106-47-8	4-Chloroaniline	1600	U
87-68-3	Hexachlorobutadiene	1600	U
59-50-7	4-Chloro-3-methylphenol	1600	U
91-57-6	2-Methylnaphthalene	1600	U
77-47-4	Hexachlorocyclopentadiene	1600	U
88-06-2	2,4,6-Trichlorophenol	1600	U
	2,4,5-Trichlorophenol	1600	U
91-58-7	2-Chloronaphthalene	1600	U
88-74-4	2-Nitroaniline	1600	U
131-11-3	Dimethylphthalate	1600	U
208-96-8	Acenaphthylene	1600	U
606-20-2	2,6-Dinitrotoluene	1600	U
99-09-2	3-Nitroaniline	1600	U

1C

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-64

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4367 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4367.12

Sample wt/vol: 10.23 (g/ml) G Lab File ID: BN02968.D

Level: (low/med) LOW Date Received: 3/23/99

% Moisture: 37.7 decanted:(Y/N) N Date Extracted: 3/26/99

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	1600	U
51-28-5	2,4-Dinitrophenol	1600	U
132-64-9	Dibenzofuran	1600	U
100-02-7	4-Nitrophenol	1600	U
121-14-2	2,4-Dinitrotoluene	1600	U
84-66-2	Diethylphthalate	1600	U
86-73-7	Fluorene	1600	U
7005-72-3	4-Chlorophenyl-phenylether	1600	U
100-01-6	4-Nitroaniline	1600	U
534-52-1	4,6-Dinitro-2-methylphenol	1600	U
86-30-6	n-Nitrosodiphenylamine	1600	U
103-33-3	Azobenzene	1600	U
101-55-3	4-Bromophenyl-phenylether	1600	U
118-74-1	Hexachlorobenzene	1600	U
87-86-5	Pentachlorophenol	1600	U
85-01-8	Phenanthrene	1600	U
120-12-7	Anthracene	1600	U
84-74-2	Di-n-butylphthalate	1500	JB
206-44-0	Fluoranthene	1600	U
92-87-5	Benzidine	1600	U
129-00-0	Pyrene	1600	U
85-68-7	Butylbenzylphthalate	1600	U
56-55-3	Benzo[a]anthracene	1600	U
91-94-1	3,3'-Dichlorobenzidine	1600	U
218-01-9	Chrysene	1600	U
117-81-7	bis(2-Ethylhexyl)phthalate	200	J
117-84-0	Di-n-octylphthalate	1600	U
205-99-2	Benzo[b]fluoranthene	1600	U
207-08-9	Benzo[k]fluoranthene	1600	U
50-32-8	Benzo[a]pyrene	1600	U
193-39-5	Indeno[1,2,3-cd]pyrene	1600	U
53-70-3	Dibenz[a,h]anthracene	1600	U
191-24-2	Benzo[g,h,i]perylene	1600	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **B-64**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4367 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4367.12

Sample wt/vol: 10.23 (g/ml) G Lab File ID: BN02968.D

Level: (low/med) LOW Date Received: 3/23/99

% Moisture: 37.7 decanted: (Y/N) N Date Extracted: 3/26/99

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: 7 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	18.45	3000	J
2. 001454-84-8	1-Nonadecanol	23.86	5500	JN
3. 006624-79-9	1-Dotriacontanol	25.37	2100	JN
4.	unknown	25.91	1400	J
5.	unknown	27.28	1500	J
6.	unknown	29.56	1400	J
7.	unknown	29.96	1500	J

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-65

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4367 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4367.14

Sample wt/vol: 10.43 (g/ml) G Lab File ID: BNA02370.D

Level: (low/med) LOW Date Received: 3/23/99

% Moisture: 12.09 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	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-65

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4367 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4367.14

Sample wt/vol: 10.43 (g/ml) G Lab File ID: BNA02370.D

Level: (low/med) LOW Date Received: 3/23/99

% Moisture: 12.09 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	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	820	J
120-12-7	Anthracene	240	J
84-74-2	Di-n-butylphthalate	130	JB
206-44-0	Fluoranthene	1300	
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1300	
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	750	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1200	
117-81-7	bis(2-Ethylhexyl)phthalate	220	J
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	580	J
207-08-9	Benzo[k]fluoranthene	530	J
50-32-8	Benzo[a]pyrene	600	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-65

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4367 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4367.14

Sample wt/vol: 10.43 (g/ml) G Lab File ID: BNA02370.D

Level: (low/med) LOW Date Received: 3/23/99

% Moisture: 12.09 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

Number TICs found: 1 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000057-10-3	Hexadecanoic acid	21.11	1000	JN

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-66

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4380 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4380.02

Sample wt/vol: 10.29 (g/ml) G Lab File ID: BN02960.D

Level: (low/med) LOW Date Received: 3/30/99

% Moisture: 13.05 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

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **B-66**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4380 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4380.02

Sample wt/vol: 10.29 (g/ml) G Lab File ID: BN02960.D

Level: (low/med) LOW Date Received: 3/30/99

% Moisture: 13.05 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	470	JB
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	130	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	160	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-66**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4380 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4380.02

Sample wt/vol: 10.29 (g/ml) G Lab File ID: BN02960.D

Level: (low/med) LOW Date Received: 3/30/99

% Moisture: 13.05 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. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.45	1200	JN
2. 001454-84-8	1-Nonadecanol	23.85	3800	JN
3. 000544-85-4	Dotriacontane	26.74	940	JN
4. 000000-00-0	10-Methylnonadecane	28.04	1300	JN

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-67

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4380 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4380.04

Sample wt/vol: 10.14 (g/ml) G Lab File ID: BN02961.D

Level: (low/med) LOW Date Received: 3/30/99

% Moisture: 12.79 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:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-67

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4380 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4380.04

Sample wt/vol: 10.14 (g/ml) G Lab File ID: BN02961.D

Level: (low/med) LOW Date Received: 3/30/99

% Moisture: 12.79 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	210	JB
206-44-0	Fluoranthene	140	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	140	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

Field ID: **B-67**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4380 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4380.04

Sample wt/vol: 10.14 (g/ml) G Lab File ID: BN02961.D

Level: (low/med) LOW Date Received: 3/30/99

% Moisture: 12.79 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: 5 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 001454-84-8	1-Nonadecanol	23.86	4300	JN
2. 006624-79-9	1-Dotriacontanol	25.37	1800	JN
3. 000057-11-4	Octadecanoic acid	25.91	1100	JN
4. 000630-06-8	Hexatriacontane	26.75	1400	JN
5. 007098-22-8	Tetratetracontane	28.05	1300	JN

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-68

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4380 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4380.06

Sample wt/vol: 10.27 (g/ml) G Lab File ID: BN02962.D

Level: (low/med) LOW Date Received: 3/30/99

% Moisture: 21.34 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	1200	U
62-75-9	N-nitroso-dimethylamine	1200	U
62-53-3	Aniline	1200	U
108-95-2	Phenol	1200	U
111-44-4	bis(2-Chloroethyl)ether	1200	U
95-57-8	2-Chlorophenol	1200	U
541-73-1	1,3-Dichlorobenzene	1200	U
106-46-7	1,4-Dichlorobenzene	1200	U
100-51-6	Benzyl alcohol	1200	U
95-50-1	1,2-Dichlorobenzene	1200	U
	2-Methylphenol	1200	U
108-60-1	bis(2-chloroisopropyl)ether	1200	U
	4-Methylphenol	1200	U
621-64-7	n-Nitroso-di-n-propylamine	1200	U
67-72-1	Hexachloroethane	1200	U
98-95-3	Nitrobenzene	1200	U
78-59-1	Isophorone	1200	U
88-75-5	2-Nitrophenol	1200	U
105-67-9	2,4-Dimethylphenol	1200	U
111-91-1	bis(2-Chloroethoxy)methane	1200	U
120-83-2	2,4-Dichlorophenol	1200	U
65-85-0	Benzoic Acid	1200	U
120-82-1	1,2,4-Trichlorobenzene	1200	U
91-20-3	Naphthalene	1200	U
106-47-8	4-Chloroaniline	1200	U
87-68-3	Hexachlorobutadiene	1200	U
59-50-7	4-Chloro-3-methylphenol	1200	U
91-57-6	2-Methylnaphthalene	1200	U
77-47-4	Hexachlorocyclopentadiene	1200	U
88-06-2	2,4,6-Trichlorophenol	1200	U
	2,4,5-Trichlorophenol	1200	U
91-58-7	2-Chloronaphthalene	1200	U
88-74-4	2-Nitroaniline	1200	U
131-11-3	Dimethylphthalate	1200	U
208-96-8	Acenaphthylene	1200	U
606-20-2	2,6-Dinitrotoluene	1200	U
99-09-2	3-Nitroaniline	1200	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **B-68**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4380 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4380.06

Sample wt/vol: 10.27 (g/ml) G Lab File ID: BN02962.D

Level: (low/med) LOW Date Received: 3/30/99

% Moisture: 21.34 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	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	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.: 4380 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4380.06

Sample wt/vol: 10.27 (g/ml) G Lab File ID: BN02962.D

Level: (low/med) LOW Date Received: 3/30/99

% Moisture: 21.34 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:

Number TICs found: 9 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	18.45	1200	J
2. 010544-50-0	Sulfur, mol. (S8)	20.16	5800	JN
3. 000112-80-1	Oleic Acid	21.03	4300	JN
4. 001454-84-8	1-Nonadecanol	23.86	4300	JN
5. 000112-85-6	Docosanoic acid	24.44	1100	JN
6. 000629-72-1	Pentadecane, 1-bromo-	25.37	1500	JN
7. 000506-12-7	Heptadecanoic acid	25.91	1300	JN
8. 054833-23-7	Eicosane, 10-methyl-	26.75	1100	JN
9. 000630-06-8	Hexatriacontane	28.04	1100	JN

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-69

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4380 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4380.08

Sample wt/vol: 10.12 (g/ml) G Lab File ID: BN02963.D

Level: (low/med) LOW Date Received: 3/30/99

% Moisture: 18.31 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	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-69**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4380 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4380.08

Sample wt/vol: 10.12 (g/ml) G Lab File ID: BN02963.D

Level: (low/med) LOW Date Received: 3/30/99

% Moisture: 18.31 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	1200	U
51-28-5	2,4-Dinitrophenol	1200	U
132-64-9	Dibenzofuran	1200	U
100-02-7	4-Nitrophenol	1200	U
121-14-2	2,4-Dinitrotoluene	1200	U
84-66-2	Diethylphthalate	1200	U
86-73-7	Fluorene	1200	U
7005-72-3	4-Chlorophenyl-phenylether	1200	U
100-01-6	4-Nitroaniline	1200	U
534-52-1	4,6-Dinitro-2-methylphenol	1200	U
86-30-6	n-Nitrosodiphenylamine	1200	U
103-33-3	Azobenzene	1200	U
101-55-3	4-Bromophenyl-phenylether	1200	U
118-74-1	Hexachlorobenzene	1200	U
87-86-5	Pentachlorophenol	1200	U
85-01-8	Phenanthrene	170	J
120-12-7	Anthracene	1200	U
84-74-2	Di-n-butylphthalate	130	JB
206-44-0	Fluoranthene	160	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	190	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-69**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4380 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4380.08

Sample wt/vol: 10.12 (g/ml) G Lab File ID: BN02963.D

Level: (low/med) LOW Date Received: 3/30/99

% Moisture: 18.31 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:

Number TICs found: 5 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	4000	JN
2. 002461-18-9	Oxirane, [(dodecyloxy)methyl]-	25.37	1400	JN
3. 000506-12-7	Heptadecanoic acid	25.91	1200	JN
4. 007098-22-8	Tetratetracontane	26.75	1200	JN
5. 000630-06-8	Hexatriacontane	28.04	1200	JN

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-70

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4380 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4380.10

Sample wt/vol: 10.26 (g/ml) G Lab File ID: BN02964.D

Level: (low/med) LOW Date Received: 3/30/99

% Moisture: 29.54 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	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-70**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4380 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4380.10

Sample wt/vol: 10.26 (g/ml) G Lab File ID: BN02964.D

Level: (low/med) LOW Date Received: 3/30/99

% Moisture: 29.54 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	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	1500	B
206-44-0	Fluoranthene	220	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	340	J
117-81-7	bis(2-Ethylhexyl)phthalate	330	JB
117-84-0	Di-n-octylphthalate	1400	U
205-99-2	Benzo[b]fluoranthene	190	J
207-08-9	Benzo[k]fluoranthene	150	J
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-70**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4380 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4380.10

Sample wt/vol: 10.26 (g/ml) G Lab File ID: BN02964.D

Level: (low/med) LOW Date Received: 3/30/99

% Moisture: 29.54 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:

Number TICs found: 12 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		unknown	18.46	2900	J
2.	000112-92-5	1-Octadecanol	23.86	5400	JN
3.	000112-85-6	Docosanoic acid	24.45	1800	JN
4.		unknown	25.37	2800	J
5.	002363-71-5	Heneicosanoic acid	25.92	3300	JN
6.	000000-00-0	1-Hexacosanal	26.37	1800	JN
7.	000638-68-6	Triacontane	26.76	2600	JN
8.	000057-11-4	Octadecanoic acid	27.29	1400	JN
9.	056554-86-0	17-Octadecenal	27.71	2900	JN
10.	000000-00-0	10-Methylnonadecane	28.05	2100	JN
11.		unknown	28.22	1400	J
12.	000629-80-1	Hexadecanal	28.97	2400	JN

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-71

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4395 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4395.02

Sample wt/vol: 10.04 (g/ml) G Lab File ID: BN03061.D

Level: (low/med) LOW Date Received: 4/6/99

% Moisture: 13.34 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:

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-71

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4395 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4395.02

Sample wt/vol: 10.04 (g/ml) G Lab File ID: BN03061.D

Level: (low/med) LOW Date Received: 4/6/99

% Moisture: 13.34 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:

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	2600	B
206-44-0	Fluoranthene	1100	U
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	150	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-71**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4395 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4395.02

Sample wt/vol: 10.04 (g/ml) G Lab File ID: BN03061.D

Level: (low/med) LOW Date Received: 4/6/99

% Moisture: 13.34 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:

Number TICs found: 11 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		unknown	18.43	2400	J
2.	010544-50-0	Sulfur, mol. (S8)	20.13	2000	JN
3.	001454-84-8	1-Nonadecanol	23.84	5800	JN
4.	006971-40-0	17-Pentatriacontene	25.36	3000	JN
5.	000057-11-4	Octadecanoic acid	25.90	1400	JN
6.		unknown	26.75	1700	J
7.		unknown	27.69	1000	J
8.	000629-97-0	Docosane	28.04	1100	JN
9.	000629-96-9	1-Eicosanol	28.09	1800	JN
10.	007390-81-0	Oxirane, hexadecyl-	28.96	1200	JN
11.	006624-79-9	1-Dotriacontanol	29.34	970	JN

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-72

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4395 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4395.04

Sample wt/vol: 10.1 (g/ml) G Lab File ID: BN03068.D

Level: (low/med) LOW Date Received: 4/6/99

% Moisture: 14.17 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	1200	U
62-75-9	N-nitroso-dimethylamine	1200	U
62-53-3	Aniline	1200	U
108-95-2	Phenol	1200	U
111-44-4	bis(2-Chloroethyl)ether	1200	U
95-57-8	2-Chlorophenol	1200	U
541-73-1	1,3-Dichlorobenzene	1200	U
106-46-7	1,4-Dichlorobenzene	1200	U
100-51-6	Benzyl alcohol	1200	U
95-50-1	1,2-Dichlorobenzene	1200	U
	2-Methylphenol	1200	U
108-60-1	bis(2-chloroisopropyl)ether	1200	U
	4-Methylphenol	1200	U
621-64-7	n-Nitroso-di-n-propylamine	1200	U
67-72-1	Hexachloroethane	1200	U
98-95-3	Nitrobenzene	1200	U
78-59-1	Isophorone	1200	U
88-75-5	2-Nitrophenol	1200	U
105-67-9	2,4-Dimethylphenol	1200	U
111-91-1	bis(2-Chloroethoxy)methane	1200	U
120-83-2	2,4-Dichlorophenol	1200	U
65-85-0	Benzoic Acid	1200	U
120-82-1	1,2,4-Trichlorobenzene	1200	U
91-20-3	Naphthalene	1200	U
106-47-8	4-Chloroaniline	1200	U
87-68-3	Hexachlorobutadiene	1200	U
59-50-7	4-Chloro-3-methylphenol	1200	U
91-57-6	2-Methylnaphthalene	1200	U
77-47-4	Hexachlorocyclopentadiene	1200	U
88-06-2	2,4,6-Trichlorophenol	1200	U
	2,4,5-Trichlorophenol	1200	U
91-58-7	2-Chloronaphthalene	1200	U
88-74-4	2-Nitroaniline	1200	U
131-11-3	Dimethylphthalate	1200	U
208-96-8	Acenaphthylene	1200	U
606-20-2	2,6-Dinitrotoluene	1200	U
99-09-2	3-Nitroaniline	1200	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **B-72**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4395 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4395.04

Sample wt/vol: 10.1 (g/ml) G Lab File ID: BN03068.D

Level: (low/med) LOW Date Received: 4/6/99

% Moisture: 14.17 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	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	1200	U
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo[b]fluoranthene	1200	U
207-08-9	Benzo[k]fluoranthene	1200	U
50-32-8	Benzo[a]pyrene	1200	U
193-39-5	Indeno[1,2,3-cd]pyrene	1200	U
53-70-3	Dibenz[a,h]anthracene	1200	U
191-24-2	Benzo[g,h,i]perylene	1200	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **B-72**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4395 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4395.04

Sample wt/vol: 10.1 (g/ml) G Lab File ID: BN03068.D

Level: (low/med) LOW Date Received: 4/6/99

% Moisture: 14.17 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: 10 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000112-40-3	Dodecane	10.32	1000	JN
2.	unknown	12.50	3400	J
3.	unknown	17.66	2300	J
4. 074685-36-2	Oxacyclotetradecane-2,11-dione,	19.16	2000	JN
5. 002091-29-4	9-Hexadecenoic acid	21.02	3700	JN
6. 000057-11-4	Octadecanoic acid	21.17	990	JN
7. 001454-84-8	1-Nonadecanol	23.85	5400	JN
8. 000629-96-9	1-Eicosanol	28.09	1000	JN
9.	unknown	28.73	1100	J
10.	unknown	29.56	1100	J

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-73

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4395 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4395.06

Sample wt/vol: 10.14 (g/ml) G Lab File ID: BN03069.D

Level: (low/med) LOW Date Received: 4/6/99

% Moisture: 16.6 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	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-73**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4395 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4395.06

Sample wt/vol: 10.14 (g/ml) G Lab File ID: BN03069.D

Level: (low/med) LOW Date Received: 4/6/99

% Moisture: 16.6 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	1200	U
51-28-5	2,4-Dinitrophenol	1200	U
132-64-9	Dibenzofuran	1200	U
100-02-7	4-Nitrophenol	1200	U
121-14-2	2,4-Dinitrotoluene	1200	U
84-66-2	Diethylphthalate	1200	U
86-73-7	Fluorene	1200	U
7005-72-3	4-Chlorophenyl-phenylether	1200	U
100-01-6	4-Nitroaniline	1200	U
534-52-1	4,6-Dinitro-2-methylphenol	1200	U
86-30-6	n-Nitrosodiphenylamine	1200	U
103-33-3	Azobenzene	1200	U
101-55-3	4-Bromophenyl-phenylether	1200	U
118-74-1	Hexachlorobenzene	1200	U
87-86-5	Pentachlorophenol	1200	U
85-01-8	Phenanthrene	1200	U
120-12-7	Anthracene	1200	U
84-74-2	Di-n-butylphthalate	380	JB
206-44-0	Fluoranthene	220	J
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	230	J
85-68-7	Butylbenzylphthalate	1200	U
56-55-3	Benzo[a]anthracene	120	J
91-94-1	3,3'-Dichlorobenzidine	1200	U
218-01-9	Chrysene	250	J
117-81-7	bis(2-Ethylhexyl)phthalate	180	J
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo[b]fluoranthene	130	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-73**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4395 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4395.06

Sample wt/vol: 10.14 (g/ml) G Lab File ID: BN03069.D

Level: (low/med) LOW Date Received: 4/6/99

% Moisture: 16.6 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: 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	7500	JN
2. 006971-40-0	17-Pentatriacontene	25.36	2500	JN
3. 000057-11-4	Octadecanoic acid	25.90	1000	JN
4. 000630-02-4	Octacosane	26.74	2500	JN
5. 000638-66-4	Octadecanal	27.69	1200	JN
6. 000638-68-6	Triacontane	28.03	1800	JN
7. 000629-96-9	1-Eicosanol	28.09	1600	JN
8.	unknown	28.73	1200	J
9. 056554-90-6	13-Octadecenal	28.96	1600	JN
10.	unknown	29.58	960	J

Field ID: B-74

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4406 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4406.02

Sample wt/vol: 10.8 (g/ml) G Lab File ID: BN03099.D

Level: (low/med) LOW Date Received: 4/9/99

% Moisture: 12.23 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	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **B-74**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4406 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4406.02

Sample wt/vol: 10.8 (g/ml) G Lab File ID: BN03099.D

Level: (low/med) LOW Date Received: 4/9/99

% Moisture: 12.23 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	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	300	JB
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1100	U
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **B-74**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4406 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4406.02

Sample wt/vol: 10.8 (g/ml) G Lab File ID: BN03099.D

Level: (low/med) LOW Date Received: 4/9/99

% Moisture: 12.23 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: 11 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	18.41	3900	J
2. 001599-67-3	1-Docosene	23.83	6700	JN
3. 006624-79-9	1-Dotriacontanol	25.33	2000	JN
4. 002765-11-9	Pentadecanal-	26.32	920	JN
5. 000506-52-5	1-Hexacosanol	26.74	2400	JN
6.	unknown	27.67	860	J
7. 000630-03-5	Nonacosane	28.01	1700	JN
8. 001454-84-8	1-Nonadecanol	28.07	2100	JN
9.	unknown	28.70	950	J
10. 056554-93-9	15-Octadecenal	28.93	1400	JN
11.	unknown	29.31	1100	J

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-75

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4406 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4406.04

Sample wt/vol: 10.8 (g/ml) G Lab File ID: BN03098.D

Level: (low/med) LOW Date Received: 4/9/99

% Moisture: 9.19 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	300	J
606-20-2	2,6-Dinitrotoluene	1000	U
99-09-2	3-Nitroaniline	1000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **B-75**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4406 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4406.04

Sample wt/vol: 10.8 (g/ml) G Lab File ID: BN03098.D

Level: (low/med) LOW Date Received: 4/9/99

% Moisture: 9.19 decanted:(Y/N) N Date Extracted: 4/14/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/15/99

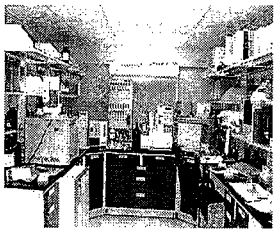
Injection Volume: 1.0 (uL) Dilution Factor: 1.0

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	600	JB
206-44-0	Fluoranthene	210	J
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	340	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	450	J
117-81-7	bis(2-Ethylhexyl)phthalate	1000	U
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	190	J
207-08-9	Benzo[k]fluoranthene	190	J
50-32-8	Benzo[a]pyrene	240	J
193-39-5	Indeno[1,2,3-cd]pyrene	200	J
53-70-3	Dibenz[a,h]anthracene	1000	U
191-24-2	Benzo[g,h,i]perylene	250	J

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-2 Landfill

M-2 Landfill

VOLUME III

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **B-75**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4406 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4406.04

Sample wt/vol: 10.8 (g/ml) G Lab File ID: BN03098.D

Level: (low/med) LOW Date Received: 4/9/99

% Moisture: 9.19 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: 9 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		unknown	18.42	5900	J
2.	001599-67-3	1-Docosene	23.82	5700	JN
3.	006624-79-9	1-Dotriacontanol	25.33	1500	JN
4.	001454-84-8	1-Nonadecanol	26.74	1200	JN
5.		unknown	27.02	1000	J
6.	007390-81-0	Oxirane, hexadecyl-	27.67	1200	JN
7.	000629-96-9	1-Eicosanol	28.06	1800	JN
8.	056554-86-0	17-Octadecenal	28.93	960	JN
9.		unknown	29.31	860	J

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-76

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4406 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4406.06

Sample wt/vol: 10.4 (g/ml) G Lab File ID: BN03095.D

Level: (low/med) LOW Date Received: 4/9/99

% Moisture: 13.91 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	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-76

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4406 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4406.06

Sample wt/vol: 10.4 (g/ml) G Lab File ID: BN03095.D

Level: (low/med) LOW Date Received: 4/9/99

% Moisture: 13.91 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	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	790	JB
206-44-0	Fluoranthene	400	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	170	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	300	J
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	180	J
207-08-9	Benzo[k]fluoranthene	140	J
50-32-8	Benzo[a]pyrene	170	J
193-39-5	Indeno[1,2,3-cd]pyrene	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-76**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4406 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4406.06

Sample wt/vol: 10.4 (g/ml) G Lab File ID: BN03095.D

Level: (low/med) LOW Date Received: 4/9/99

% Moisture: 13.91 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: 12 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	18.42	7800	J
2. 001599-67-3	1-Docosene	23.82	5400	JN
3. 002461-18-9	Oxirane, [(dodecyloxy)methyl]-	25.33	1500	JN
4. 007390-81-0	Oxirane, hexadecyl-	26.32	1800	JN
5. 000506-52-5	1-Hexacosanol	26.74	4200	JN
6. 000629-80-1	Hexadecanal	27.67	3800	JN
7. 054833-48-6	Heptadecane, 2,6,10,15-tetramet	28.01	1600	JN
8. 006971-40-0	17-Pentatriacontene	28.06	2900	JN
9.	unknown	28.27	1600	J
10.	unknown	28.69	1000	J
11.	unknown	28.92	1400	J
12.	unknown	29.54	920	J

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-77

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4415 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4415.02

Sample wt/vol: 10.19 (g/ml) G Lab File ID: BN03144.D

Level: (low/med) LOW Date Received: 4/13/99

% Moisture: 19.07 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	1200	U
62-75-9	N-nitroso-dimethylamine	1200	U
62-53-3	Aniline	1200	U
108-95-2	Phenol	1200	U
111-44-4	bis(2-Chloroethyl)ether	1200	U
95-57-8	2-Chlorophenol	1200	U
541-73-1	1,3-Dichlorobenzene	1200	U
106-46-7	1,4-Dichlorobenzene	1200	U
100-51-6	Benzyl alcohol	1200	U
95-50-1	1,2-Dichlorobenzene	1200	U
	2-Methylphenol	1200	U
108-60-1	bis(2-chloroisopropyl)ether	1200	U
	4-Methylphenol	1200	U
621-64-7	n-Nitroso-di-n-propylamine	1200	U
67-72-1	Hexachloroethane	1200	U
98-95-3	Nitrobenzene	1200	U
78-59-1	Isophorone	1200	U
88-75-5	2-Nitrophenol	1200	U
105-67-9	2,4-Dimethylphenol	1200	U
111-91-1	bis(2-Chloroethoxy)methane	1200	U
120-83-2	2,4-Dichlorophenol	1200	U
65-85-0	Benzoic Acid	1200	U
120-82-1	1,2,4-Trichlorobenzene	1200	U
91-20-3	Naphthalene	1200	U
106-47-8	4-Chloroaniline	1200	U
87-68-3	Hexachlorobutadiene	1200	U
59-50-7	4-Chloro-3-methylphenol	1200	U
91-57-6	2-Methylnaphthalene	1200	U
77-47-4	Hexachlorocyclopentadiene	1200	U
88-06-2	2,4,6-Trichlorophenol	1200	U
	2,4,5-Trichlorophenol	1200	U
91-58-7	2-Chloronaphthalene	1200	U
88-74-4	2-Nitroaniline	1200	U
131-11-3	Dimethylphthalate	1200	U
208-96-8	Acenaphthylene	1200	U
606-20-2	2,6-Dinitrotoluene	1200	U
99-09-2	3-Nitroaniline	1200	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **B-77**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4415 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4415.02

Sample wt/vol: 10.19 (g/ml) G Lab File ID: BN03144.D

Level: (low/med) LOW Date Received: 4/13/99

% Moisture: 19.07 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	270	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	2000	
120-12-7	Anthracene	550	J
84-74-2	Di-n-butylphthalate	2300	B
206-44-0	Fluoranthene	3400	
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	2700	
85-68-7	Butylbenzylphthalate	1200	U
56-55-3	Benzo[a]anthracene	1400	
91-94-1	3,3'-Dichlorobenzidine	1200	U
218-01-9	Chrysene	2400	
117-81-7	bis(2-Ethylhexyl)phthalate	1200	U
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo[b]fluoranthene	1100	J
207-08-9	Benzo[k]fluoranthene	1200	J
50-32-8	Benzo[a]pyrene	1400	
193-39-5	Indeno[1,2,3-cd]pyrene	780	J
53-70-3	Dibenz[a,h]anthracene	310	J
191-24-2	Benzo[g,h,i]perylene	830	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **B-77**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4415 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4415.02

Sample wt/vol: 10.19 (g/ml) G Lab File ID: BN03144.D

Level: (low/med) LOW Date Received: 4/13/99

% Moisture: 19.07 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:

Number TICs found: 23 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	18.38	2600	JN
2. 000203-64-5	4H-Cyclopenta[def]phenanthrene	18.92	590	JN
3. 000057-11-4	Octadecanoic acid	21.11	880	JN
4. 000238-84-6	11H-Benzo[a]fluorene	21.65	670	JN
5. 001599-67-3	1-Docosene	23.80	5400	JN
6. 000000-00-0	2-Ethyl-1-dodecanol	25.31	3200	JN
7.	unknown	25.85	680	J
8. 000192-97-2	Benzo[e]pyrene	26.21	630	JN
9. 056554-86-0	17-Octadecenal	26.30	1700	JN
10. 000205-82-3	Benzo[j]fluoranthene	26.54	1300	JN
11. 000630-06-8	Hexatriacontane	26.70	5000	JN
12. 000638-66-4	Octadecanal	27.64	3500	JN
13. 000629-99-2	Pentacosane	27.99	4700	JN
14.	unknown	28.04	3300	J
15.	unknown	28.15	660	J
16. 000112-95-8	Eicosane	29.20	1200	JN
17. 006971-40-0	17-Pentatriacontene	29.28	1600	JN
18.	unknown	29.39	1200	J
19.	unknown	29.52	1500	J
20.	unknown	30.26	870	J
21.	unknown	30.51	1200	J
22.	unknown	30.78	540	J
23.	unknown	30.89	650	J

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-78

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4415 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4415.04

Sample wt/vol: 10.08 (g/ml) G Lab File ID: BNA02550.D

Level: (low/med) LOW Date Received: 4/13/99

% Moisture: 24.9 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: 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

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **B-78**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4415 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4415.04

Sample wt/vol: 10.08 (g/ml) G Lab File ID: BNA02550.D

Level: (low/med) LOW Date Received: 4/13/99

% Moisture: 24.9 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: 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	270	J
120-12-7	Anthracene	150	J
84-74-2	Di-n-butylphthalate	620	JB
206-44-0	Fluoranthene	640	J
92-87-5	Benzidine	1300	U
129-00-0	Pyrene	760	J
85-68-7	Butylbenzylphthalate	1300	U
56-55-3	Benzo[a]anthracene	510	J
91-94-1	3,3'-Dichlorobenzidine	1300	U
218-01-9	Chrysene	840	J
117-81-7	bis(2-Ethylhexyl)phthalate	180	J
117-84-0	Di-n-octylphthalate	1300	U
205-99-2	Benzo[b]fluoranthene	680	J
207-08-9	Benzo[k]fluoranthene	740	J
50-32-8	Benzo[a]pyrene	730	J
193-39-5	Indeno[1,2,3-cd]pyrene	340	J
53-70-3	Dibenz[a,h]anthracene	1300	U
191-24-2	Benzo[g,h,i]perylene	380	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **B-78**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4415 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4415.04

Sample wt/vol: 10.08 (g/ml) G Lab File ID: BNA02550.D

Level: (low/med) LOW Date Received: 4/13/99

% Moisture: 24.9 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: 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	20.13	900	J
2. 007098-21-7	Tritetracontane	27.11	1100	JN
3. 000629-92-5	Nonadecane	28.51	7300	JN
4. 007390-81-0	Oxirane, hexadecyl-	29.50	3100	JN
5. 000629-78-7	Heptadecane	29.89	9200	JN
6. 000059-02-9	Vitamin E	30.38	1500	JN
7. 000000-00-0	1-Hexacosanal	31.14	2700	JN

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-79

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4415 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4415.06

Sample wt/vol: 10.13 (g/ml) G Lab File ID: BNA02551.D

Level: (low/med) LOW Date Received: 4/13/99

% Moisture: 30.85 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: 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	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-79**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4415 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4415.06

Sample wt/vol: 10.13 (g/ml) G Lab File ID: BNA02551.D

Level: (low/med) LOW Date Received: 4/13/99

% Moisture: 30.85 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: 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	1400	U
120-12-7	Anthracene	1400	U
84-74-2	Di-n-butylphthalate	180	JB
206-44-0	Fluoranthene	150	J
92-87-5	Benzidine	1400	U
129-00-0	Pyrene	180	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	180	J
117-81-7	bis(2-Ethylhexyl)phthalate	1400	U
117-84-0	Di-n-octylphthalate	1400	U
205-99-2	Benzo[b]fluoranthene	1400	U
207-08-9	Benzo[k]fluoranthene	1400	U
50-32-8	Benzo[a]pyrene	1400	U
193-39-5	Indeno[1,2,3-cd]pyrene	1400	U
53-70-3	Dibenz[a,h]anthracene	1400	U
191-24-2	Benzo[g,h,i]perylene	1400	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **B-79**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4415 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4415.06

Sample wt/vol: 10.13 (g/ml) G Lab File ID: BNA02551.D

Level: (low/med) LOW Date Received: 4/13/99

% Moisture: 30.85 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: 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. 001599-67-3	1-Docosene	25.59	2000	JN
2. 000630-06-8	Hexatriacontane	27.11	710	JN
3. 000629-92-5	Nonadecane	28.51	5400	JN
4. 077899-10-6	(Z)14-Tricosenyl formate	29.50	1200	JN
5. 000629-78-7	Heptadecane	29.88	7200	JN

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-80

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4415 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4415.08

Sample wt/vol: 10.13 (g/ml) G Lab File ID: BNA02552.D

Level: (low/med) LOW Date Received: 4/13/99

% Moisture: 32.13 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: 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	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

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **B-80**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4415 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4415.08

Sample wt/vol: 10.13 (g/ml) G Lab File ID: BNA02552.D

Level: (low/med) LOW Date Received: 4/13/99

% Moisture: 32.13 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: 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	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	1500	U
84-74-2	Di-n-butylphthalate	230	JB
206-44-0	Fluoranthene	1500	U
92-87-5	Benzidine	1500	U
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	1500	U
218-01-9	Chrysene	1500	U
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-80**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4415 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4415.08

Sample wt/vol: 10.13 (g/ml) G Lab File ID: BNA02552.D

Level: (low/med) LOW Date Received: 4/13/99

% Moisture: 32.13 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: 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. 000629-96-9	1-Eicosanol	25.59	3300	JN
2. 000629-62-9	Pentadecane	27.11	2000	JN
3. 056554-90-6	13-Octadecenal	28.13	10000	JN
4. 000629-92-5	Nonadecane	28.52	12000	JN
5. 006765-39-5	1-Heptadecene	28.56	2300	JN
6. 000000-00-0	1-Hexacosanal	29.50	4900	JN
7. 000112-95-8	Eicosane	29.91	31000	JN
8. 000059-02-9	Vitamin E	30.39	1800	JN
9. 000124-25-4	Tetradecanal	31.14	3300	JN
10.	unknown	31.52	1500	J

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-81

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4418 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4418.02

Sample wt/vol: 10.17 (g/ml) G Lab File ID: BN03143.D

Level: (low/med) LOW Date Received: 4/14/99

% Moisture: 12.88 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: 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-81

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4418 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4418.02

Sample wt/vol: 10.17 (g/ml) G Lab File ID: BN03143.D

Level: (low/med) LOW Date Received: 4/14/99

% Moisture: 12.88 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: 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	2000	B
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1100	U
117-81-7	bis(2-Ethylhexyl)phthalate	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-81

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4418 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4418.02

Sample wt/vol: 10.17 (g/ml) G Lab File ID: BN03143.D

Level: (low/med) LOW Date Received: 4/14/99

% Moisture: 12.88 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: 7

Number TICs found: 17 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	12.45	1100	J
2. 000109-21-7	Butanoic acid, butyl ester	12.73	1400	JN
3. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.39	1700	JN
4. 001599-67-3	1-Docosene	23.80	6200	JN
5. 006624-79-9	1-Dotriacontanol	25.31	2000	JN
6.	unknown	26.02	520	J
7. 007390-81-0	Oxirane, hexadecyl-	26.30	930	JN
8. 000629-96-9	1-Eicosanol	26.72	2400	JN
9. 002765-11-9	Pentadecanal-	27.64	750	JN
10. 000630-06-8	Hexatriacontane	27.99	1200	JN
11. 001454-84-8	1-Nonadecanol	28.05	2900	JN
12.	unknown	28.15	540	J
13. 000638-66-4	Octadecanal	28.91	1100	JN
14. 000506-52-5	1-Hexacosanol	29.29	990	JN
15.	unknown	29.40	690	J
16.	unknown	30.37	560	J
17.	unknown	30.95	720	J

1C

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-82

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4418 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4418.04

Sample wt/vol: 10.01 (g/ml) G Lab File ID: BNA02534.D

Level: (low/med) LOW Date Received: 4/14/99

% Moisture: 16.3 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: 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	780	J
84-74-2	Di-n-butylphthalate	260	JB
206-44-0	Fluoranthene	5400	
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	14000	E
85-68-7	Butylbenzylphthalate	1200	U
56-55-3	Benzo[a]anthracene	9500	
91-94-1	3,3'-Dichlorobenzidine	1200	U
218-01-9	Chrysene	18000	E
117-81-7	bis(2-Ethylhexyl)phthalate	1200	U
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo[b]fluoranthene	25000	E
207-08-9	Benzo[k]fluoranthene	22000	E
50-32-8	Benzo[a]pyrene	16000	E
193-39-5	Indeno[1,2,3-cd]pyrene	3300	
53-70-3	Dibenz[a,h]anthracene	2000	
191-24-2	Benzo[g,h,i]perylene	2700	

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-82

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4418 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4418.04

Sample wt/vol: 10.01 (g/ml) G Lab File ID: BNA02534.D

Level: (low/med) LOW Date Received: 4/14/99

% Moisture: 16.3 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: 7

CONCENTRATION UNITS:

Number TICs found: 17 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	8.49	940	J
2.	unknown	14.13	540	J
3. 005737-13-3	Cyclopenta(def)phenanthrenone	22.14	1000	JN
4. 000238-84-6	11H-Benzo[a]fluorene	23.64	1900	JN
5. 000243-17-4	11H-Benzo[b]fluorene	23.87	700	JN
6.	unknown	23.92	510	J
7. 002381-21-7	Pyrene, 1-methyl-	24.09	950	JN
8. 003442-78-2	Pyrene, 2-methyl-	24.15	480	JN
9.	unknown	25.20	920	J
10. 001599-67-3	1-Docosene	25.61	890	JN
11. 003351-32-4	2-Methylchrysene	26.68	1500	JN
12. 000205-99-2	Benz[e]acephenanthrylene	28.35	3600	JN
13. 000646-31-1	Tetracosane	28.53	3300	JN
14. 000192-97-2	Benzo[e]pyrene	28.70	12000	JN
15. 007390-81-0	Oxirane, hexadecyl-	29.52	2600	JN
16. 000112-95-8	Eicosane	29.89	3200	JN
17.	unknown	32.68	4900	J

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-82

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4418 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4418.04

Sample wt/vol: 10.01 (g/ml) G Lab File ID: BNA02534.D

Level: (low/med) LOW Date Received: 4/14/99

% Moisture: 16.3 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: 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	1500	
606-20-2	2,6-Dinitrotoluene	1200	U
99-09-2	3-Nitroaniline	1200	U

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-82

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4418 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4418.04(1:4)

Sample wt/vol: 10.01 (g/ml) G Lab File ID: BNA02558.D

Level: (low/med) LOW Date Received: 4/14/99

% Moisture: 16.3 decanted:(Y/N) N Date Extracted: 4/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/3/99

Injection Volume: 1.0 (uL) Dilution Factor: 4.0

GPC Cleanup: (Y/N) N pH: 7

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	4800	U
62-75-9	N-nitroso-dimethylamine	4800	U
62-53-3	Aniline	4800	U
108-95-2	Phenol	4800	U
111-44-4	bis(2-Chloroethyl)ether	4800	U
95-57-8	2-Chlorophenol	4800	U
541-73-1	1,3-Dichlorobenzene	4800	U
106-46-7	1,4-Dichlorobenzene	4800	U
100-51-6	Benzyl alcohol	4800	U
95-50-1	1,2-Dichlorobenzene	4800	U
	2-Methylphenol	4800	U
108-60-1	bis(2-chloroisopropyl)ether	4800	U
	4-Methylphenol	4800	U
621-64-7	n-Nitroso-di-n-propylamine	4800	U
67-72-1	Hexachloroethane	4800	U
98-95-3	Nitrobenzene	4800	U
78-59-1	Isophorone	4800	U
88-75-5	2-Nitrophenol	4800	U
105-67-9	2,4-Dimethylphenol	4800	U
111-91-1	bis(2-Chloroethoxy)methane	4800	U
120-83-2	2,4-Dichlorophenol	4800	U
65-85-0	Benzoic Acid	4800	U
120-82-1	1,2,4-Trichlorobenzene	4800	U
91-20-3	Naphthalene	4800	U
106-47-8	4-Chloroaniline	4800	U
87-68-3	Hexachlorobutadiene	4800	U
59-50-7	4-Chloro-3-methylphenol	4800	U
91-57-6	2-Methylnaphthalene	4800	U
77-47-4	Hexachlorocyclopentadiene	4800	U
88-06-2	2,4,6-Trichlorophenol	4800	U
	2,4,5-Trichlorophenol	4800	U
91-58-7	2-Chloronaphthalene	4800	U
88-74-4	2-Nitroaniline	4800	U
131-11-3	Dimethylphthalate	4800	U
208-96-8	Acenaphthylene	1300	JD
606-20-2	2,6-Dinitrotoluene	4800	U
99-09-2	3-Nitroaniline	4800	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-82

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4418 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4418.04(1:4)

Sample wt/vol: 10.01 (g/ml) G Lab File ID: BNA02558.D

Level: (low/med) LOW Date Received: 4/14/99

% Moisture: 16.3 decanted:(Y/N) N Date Extracted: 4/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/3/99

Injection Volume: 1.0 (uL) Dilution Factor: 4.0

GPC Cleanup: (Y/N) N pH: 7

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	4800	U
51-28-5	2,4-Dinitrophenol	4800	U
132-64-9	Dibenzofuran	4800	U
100-02-7	4-Nitrophenol	4800	U
121-14-2	2,4-Dinitrotoluene	4800	U
84-66-2	Diethylphthalate	4800	U
86-73-7	Fluorene	4800	U
7005-72-3	4-Chlorophenyl-phenylether	4800	U
100-01-6	4-Nitroaniline	4800	U
534-52-1	4,6-Dinitro-2-methylphenol	4800	U
86-30-6	n-Nitrosodiphenylamine	4800	U
103-33-3	Azobenzene	4800	U
101-55-3	4-Bromophenyl-phenylether	4800	U
118-74-1	Hexachlorobenzene	4800	U
87-86-5	Pentachlorophenol	4800	U
85-01-8	Phenanthrene	4800	U
120-12-7	Anthracene	610	JD
84-74-2	Di-n-butylphthalate	4800	U
206-44-0	Fluoranthene	3500	JD
92-87-5	Benzidine	4800	U
129-00-0	Pyrene	12000	D
85-68-7	Butylbenzylphthalate	4800	U
56-55-3	Benzo[a]anthracene	7300	D
91-94-1	3,3'-Dichlorobenzidine	4800	U
218-01-9	Chrysene	14000	D
117-81-7	bis(2-Ethylhexyl)phthalate	4800	U
117-84-0	Di-n-octylphthalate	4800	U
205-99-2	Benzo[b]fluoranthene	13000	D
207-08-9	Benzo[k]fluoranthene	11000	D
50-32-8	Benzo[a]pyrene	10000	D
193-39-5	Indeno[1,2,3-cd]pyrene	5700	D
53-70-3	Dibenz[a,h]anthracene	3500	JD
191-24-2	Benzo[g,h,i]perylene	5800	D

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-83

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4418 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4418.06

Sample wt/vol: 10.04 (g/ml) G Lab File ID: BNA02548.D

Level: (low/med) LOW Date Received: 4/14/99

% Moisture: 18.44 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: 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-83

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4418 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4418.06

Sample wt/vol: 10.04 (g/ml) G Lab File ID: BNA02548.D

Level: (low/med) LOW Date Received: 4/14/99

% Moisture: 18.44 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: 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	170	JB
206-44-0	Fluoranthene	270	J
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	300	J
85-68-7	Butylbenzylphthalate	1200	U
56-55-3	Benzo[a]anthracene	160	J
91-94-1	3,3'-Dichlorobenzidine	1200	U
218-01-9	Chrysene	260	J
117-81-7	bis(2-Ethylhexyl)phthalate	1200	U
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo[b]fluoranthene	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	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 NJDEP: 13461

Project: 98-0211 Case No.: 4418 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4418.06

Sample wt/vol: 10.04 (g/ml) G Lab File ID: BNA02548.D

Level: (low/med) LOW Date Received: 4/14/99

% Moisture: 18.44 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: 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	8.48	860	J
2. 007098-21-7	Tritetracontane	27.11	1000	JN
3. 000629-97-0	Docosane	28.51	5500	JN
4. 007390-81-0	Oxirane, hexadecyl-	29.50	3000	JN
5. 000629-92-5	Nonadecane	29.88	6800	JN
6. 000000-00-0	1-Hexacosanal	31.14	2700	JN
7.	unknown	31.57	2800	J

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-84

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4418 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4418.08

Sample wt/vol: 10.09 (g/ml) G Lab File ID: BNA02549.D

Level: (low/med) LOW Date Received: 4/14/99

% Moisture: 27.58 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: 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-84

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4418 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4418.08

Sample wt/vol: 10.09 (g/ml) G Lab File ID: BNA02549.D

Level: (low/med) LOW Date Received: 4/14/99

% Moisture: 27.58 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: 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	100	J
120-12-7	Anthracene	1400	U
84-74-2	Di-n-butylphthalate	1200	JB
206-44-0	Fluoranthene	230	J
92-87-5	Benzidine	1400	U
129-00-0	Pyrene	250	J
85-68-7	Butylbenzylphthalate	1400	U
56-55-3	Benzo[a]anthracene	140	J
91-94-1	3,3'-Dichlorobenzidine	1400	U
218-01-9	Chrysene	240	J
117-81-7	bis(2-Ethylhexyl)phthalate	180	J
117-84-0	Di-n-octylphthalate	1400	U
205-99-2	Benzo[b]fluoranthene	150	J
207-08-9	Benzo[k]fluoranthene	140	J
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-84

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4418 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4418.08

Sample wt/vol: 10.09 (g/ml) G Lab File ID: BNA02549.D

Level: (low/med) LOW Date Received: 4/14/99

% Moisture: 27.58 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: 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	14.12	1500	J
2. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	20.13	1200	JN
3. 000593-49-7	Heptacosane	27.11	800	JN
4. 000593-45-3	Octadecane	28.51	5600	JN
5. 007390-81-0	Oxirane, hexadecyl-	29.50	2600	JN
6. 000629-92-5	Nonadecane	29.88	7000	JN
7. 000059-02-9	Vitamin E	30.38	1000	JN
8. 000000-00-0	1-Hexacosanal	31.14	3000	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-85

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4418 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4418.10

Sample wt/vol: 10.04 (g/ml) G Lab File ID: BN03142.D

Level: (low/med) LOW Date Received: 4/14/99

% Moisture: 14.38 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: 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-85

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4418 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4418.10

Sample wt/vol: 10.04 (g/ml) G Lab File ID: BN03142.D

Level: (low/med) LOW Date Received: 4/14/99

% Moisture: 14.38 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: 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	390	J
120-12-7	Anthracene	1200	U
84-74-2	Di-n-butylphthalate	19000	EB
206-44-0	Fluoranthene	250	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	140	J
91-94-1	3,3'-Dichlorobenzidine	1200	U
218-01-9	Chrysene	310	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-85

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4418 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4418.10

Sample wt/vol: 10.04 (g/ml) G Lab File ID: BN03142.D

Level: (low/med) LOW Date Received: 4/14/99

% Moisture: 14.38 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: 7

Number TICs found: 20 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	12.44	1100	J
2.	unknown	12.73	1400	J
3. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.39	2300	JN
4. 036653-82-4	1-Hexadecanol	20.38	520	JN
5.	unknown	22.16	510	J
6. 001599-67-3	1-Docosene	23.80	6300	JN
7. 006971-40-0	17-Pentatriacontene	25.30	2200	JN
8.	unknown	26.02	580	J
9.	unknown	26.30	1000	J
10. 000506-51-4	1-Tetracosanol	26.72	2300	JN
11. 007390-81-0	Oxirane, hexadecyl-	27.64	610	JN
12. 000544-85-4	Dotriacontane	27.98	1000	JN
13. 074685-33-9	3-Eicosene, (E)-	28.04	2300	JN
14.	unknown	28.15	520	J
15. 018302-66-4	Palmitaldehyde, diisopropyl aceta	28.90	940	JN
16.	unknown	29.01	720	J
17.	unknown	29.13	520	J
18. 006624-79-9	1-Dotriacontanol	29.28	960	JN
19.	unknown	29.39	550	J
20.	unknown	29.51	760	J

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-85

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4418 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4418.10(1:5)

Sample wt/vol: 10.04 (g/ml) G Lab File ID: BNA02515.D

Level: (low/med) LOW Date Received: 4/14/99

% Moisture: 14.38 decanted:(Y/N) N Date Extracted: 4/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/26/99

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	5800	U
62-75-9	N-nitroso-dimethylamine	5800	U
62-53-3	Aniline	5800	U
108-95-2	Phenol	5800	U
111-44-4	bis(2-Chloroethyl)ether	5800	U
95-57-8	2-Chlorophenol	5800	U
541-73-1	1,3-Dichlorobenzene	5800	U
106-46-7	1,4-Dichlorobenzene	5800	U
100-51-6	Benzyl alcohol	5800	U
95-50-1	1,2-Dichlorobenzene	5800	U
	2-Methylphenol	5800	U
108-60-1	bis(2-chloroisopropyl)ether	5800	U
	4-Methylphenol	5800	U
621-64-7	n-Nitroso-di-n-propylamine	5800	U
67-72-1	Hexachloroethane	5800	U
98-95-3	Nitrobenzene	5800	U
78-59-1	Isophorone	5800	U
88-75-5	2-Nitrophenol	5800	U
105-67-9	2,4-Dimethylphenol	5800	U
111-91-1	bis(2-Chloroethoxy)methane	5800	U
120-83-2	2,4-Dichlorophenol	5800	U
65-85-0	Benzoic Acid	5800	U
120-82-1	1,2,4-Trichlorobenzene	5800	U
91-20-3	Naphthalene	5800	U
106-47-8	4-Chloroaniline	5800	U
87-68-3	Hexachlorobutadiene	5800	U
59-50-7	4-Chloro-3-methylphenol	5800	U
91-57-6	2-Methylnaphthalene	5800	U
77-47-4	Hexachlorocyclopentadiene	5800	U
88-06-2	2,4,6-Trichlorophenol	5800	U
	2,4,5-Trichlorophenol	5800	U
91-58-7	2-Chloronaphthalene	5800	U
88-74-4	2-Nitroaniline	5800	U
131-11-3	Dimethylphthalate	5800	U
208-96-8	Acenaphthylene	5800	U
606-20-2	2,6-Dinitrotoluene	5800	U
99-09-2	3-Nitroaniline	5800	U

1C

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-85

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4418 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4418.10(1:5)

Sample wt/vol: 10.04 (g/ml) G Lab File ID: BNA02515.D

Level: (low/med) LOW Date Received: 4/14/99

% Moisture: 14.38 decanted:(Y/N) N Date Extracted: 4/20/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/26/99

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	5800	U
51-28-5	2,4-Dinitrophenol	5800	U
132-64-9	Dibenzofuran	5800	U
100-02-7	4-Nitrophenol	5800	U
121-14-2	2,4-Dinitrotoluene	5800	U
84-66-2	Diethylphthalate	5800	U
86-73-7	Fluorene	5800	U
7005-72-3	4-Chlorophenyl-phenylether	5800	U
100-01-6	4-Nitroaniline	5800	U
534-52-1	4,6-Dinitro-2-methylphenol	5800	U
86-30-6	n-Nitrosodiphenylamine	5800	U
103-33-3	Azobenzene	5800	U
101-55-3	4-Bromophenyl-phenylether	5800	U
118-74-1	Hexachlorobenzene	5800	U
87-86-5	Pentachlorophenol	5800	U
85-01-8	Phenanthrene	5800	U
120-12-7	Anthracene	5800	U
84-74-2	Di-n-butylphthalate	22000	BD
206-44-0	Fluoranthene	5800	U
92-87-5	Benzidine	5800	U
129-00-0	Pyrene	5800	U
85-68-7	Butylbenzylphthalate	5800	U
56-55-3	Benzo[a]anthracene	5800	U
91-94-1	3,3'-Dichlorobenzidine	5800	U
218-01-9	Chrysene	5800	U
117-81-7	bis(2-Ethylhexyl)phthalate	5800	U
117-84-0	Di-n-octylphthalate	5800	U
205-99-2	Benzo[b]fluoranthene	5800	U
207-08-9	Benzo[k]fluoranthene	5800	U
50-32-8	Benzo[a]pyrene	5800	U
193-39-5	Indeno[1,2,3-cd]pyrene	5800	U
53-70-3	Dibenz[a,h]anthracene	5800	U
191-24-2	Benzo[g,h,i]perylene	5800	U

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-86

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4418 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4418.12

Sample wt/vol: 10.2 (g/ml) G Lab File ID: BN03141.D

Level: (low/med) LOW Date Received: 4/14/99

% Moisture: 14.04 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: 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-86

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4418 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4418.12

Sample wt/vol: 10.2 (g/ml) G Lab File ID: BN03141.D

Level: (low/med) LOW Date Received: 4/14/99

% Moisture: 14.04 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: 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	840	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-86

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4418 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4418.12

Sample wt/vol: 10.2 (g/ml) G Lab File ID: BN03141.D

Level: (low/med) LOW Date Received: 4/14/99

% Moisture: 14.04 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: 7

Number TICs found: 19 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.39	1400	JN
2. 010544-50-0	Sulfur, mol. (S8)	20.12	4400	JN
3.	unknown	22.16	480	J
4. 019047-85-9	Phosphonic acid, dioctadecyl este	23.80	7900	JN
5. 000506-52-5	1-Hexacosanol	24.57	480	JN
6. 006971-40-0	17-Pentatriacontene	25.30	2600	JN
7.	unknown	25.84	750	J
8.	unknown	26.02	600	J
9.	unknown	26.29	690	J
10. 006624-79-9	1-Dotriacontanol	26.72	2600	JN
11. 002765-11-9	Pentadecanal-	27.64	730	JN
12. 000646-31-1	Tetracosane	27.99	1300	JN
13. 000629-96-9	1-Eicosanol	28.04	3300	JN
14.	unknown	28.15	690	J
15.	unknown	28.68	540	J
16. 000124-25-4	Tetradecanal	28.90	880	JN
17. 000112-88-9	1-Octadecene	29.28	1400	JN
18.	unknown	29.39	650	J
19.	unknown	29.51	540	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **B-87**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4423 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4423.02

Sample wt/vol: 10.11 (g/ml) G Lab File ID: BNA02519.D

Level: (low/med) LOW Date Received: 4/16/99

% Moisture: 12.08 decanted:(Y/N) N Date Extracted: 4/20/99

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:

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-87**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4423 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4423.02

Sample wt/vol: 10.11 (g/ml) G Lab File ID: BNA02519.D

Level: (low/med) LOW Date Received: 4/16/99

% Moisture: 12.08 decanted:(Y/N) N Date Extracted: 4/20/99

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:

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	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	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-87**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4423 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4423.02

Sample wt/vol: 10.11 (g/ml) G Lab File ID: BNA02519.D

Level: (low/med) LOW Date Received: 4/16/99

% Moisture: 12.08 decanted: (Y/N) N Date Extracted: 4/20/99

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:

Number TICs found: 14 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		unknown	8.48	930	J
2.	001921-70-6	Pentadecane, 2,6,10,14-tetramet	18.30	470	JN
3.		unknown	25.45	800	J
4.	074685-30-6	5-Eicosene, (E)-	25.61	2900	JN
5.		unknown	26.24	1600	J
6.		unknown	26.34	2600	J
7.		unknown	26.40	820	J
8.		unknown	26.47	830	J
9.		unknown	27.12	810	J
10.	007390-81-0	Oxirane, hexadecyl-	28.13	500	JN
11.	000629-78-7	Heptadecane	28.51	620	JN
12.	000000-00-0	1-Hexacosanal	29.51	530	JN
13.	000630-06-8	Hexatriacontane	29.89	790	JN
14.	019047-85-9	Phosphonic acid, dioctadecyl este	29.96	560	JN

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-88

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4423 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4423.04

Sample wt/vol: 10 (g/ml) G Lab File ID: BN03140.D

Level: (low/med) LOW Date Received: 4/16/99

% Moisture: 15.04 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	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-88

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4423 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4423.04

Sample wt/vol: 10 (g/ml) G Lab File ID: BN03140.D

Level: (low/med) LOW Date Received: 4/16/99

% Moisture: 15.04 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	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	1100	JB
206-44-0	Fluoranthene	180	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	230	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	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-88**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4423 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4423.04

Sample wt/vol: 10 (g/ml) G Lab File ID: BN03140.D

Level: (low/med) LOW Date Received: 4/16/99

% Moisture: 15.04 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:

Number TICs found: 20 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	12.44	1100	J
2. 000109-21-7	Butanoic acid, butyl ester	12.73	1500	JN
3. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.38	1500	JN
4. 001599-67-3	1-Docosene	23.80	6200	JN
5. 000057-11-4	Octadecanoic acid	24.38	570	JN
6. 000000-00-0	2-Ethyl-1-dodecanol	24.57	480	JN
7. 006624-79-9	1-Dotriacontanol	25.30	2600	JN
8.	unknown	25.85	630	J
9.	unknown	26.29	670	J
10.	unknown	26.72	3600	J
11. 000124-25-4	Tetradecanal	27.64	920	JN
12. 000638-68-6	Triacontane	27.99	2500	JN
13. 000112-92-5	1-Octadecanol	28.04	3000	JN
14.	unknown	28.15	570	J
15.	unknown	28.67	550	J
16. 007390-81-0	Oxirane, hexadecyl-	28.90	690	JN
17. 000646-31-1	Tetracosane	29.20	850	JN
18. 000629-96-9	1-Eicosanol	29.28	1000	JN
19.	unknown	29.39	700	J
20.	unknown	29.51	500	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **B-89**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4423 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4423.06

Sample wt/vol: 10.06 (g/ml) G Lab File ID: BNA02520.D

Level: (low/med) LOW Date Received: 4/16/99

% Moisture: 11.3 decanted:(Y/N) N Date Extracted: 4/20/99

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:

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-89

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4423 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4423.06

Sample wt/vol: 10.06 (g/ml) G Lab File ID: BNA02520.D

Level: (low/med) LOW Date Received: 4/16/99

% Moisture: 11.3 decanted:(Y/N) N Date Extracted: 4/20/99

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:

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	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	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-89**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4423 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4423.06

Sample wt/vol: 10.06 (g/ml) G Lab File ID: BNA02520.D

Level: (low/med) LOW Date Received: 4/16/99

% Moisture: 11.3 decanted: (Y/N) N Date Extracted: 4/20/99

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:

Number TICs found: 9 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		unknown	8.48	620	J
2.	001599-67-3	1-Docosene	25.60	2800	JN
3.	000112-88-9	1-Octadecene	27.12	760	JN
4.	000000-00-0	1-Hexacosanal	28.13	590	JN
5.	000112-95-8	Eicosane	28.51	800	JN
6.	000124-25-4	Tetradecanal	29.51	770	JN
7.	054833-48-6	Heptadecane, 2,6,10,15-tetramet	29.89	940	JN
8.	000000-00-0	1-Hexacosanal	31.15	1000	JN
9.	014021-23-9	D-Friedoolean-14-ene, 3-methoxy	31.59	2200	JN

001708

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-90

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4423 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4423.08

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA02521.D

Level: (low/med) LOW Date Received: 4/16/99

% Moisture: 45.2 decanted:(Y/N) N Date Extracted: 4/20/99

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:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1800	U
62-75-9	N-nitroso-dimethylamine	1800	U
62-53-3	Aniline	1800	U
108-95-2	Phenol	1800	U
111-44-4	bis(2-Chloroethyl)ether	1800	U
95-57-8	2-Chlorophenol	1800	U
541-73-1	1,3-Dichlorobenzene	1800	U
106-46-7	1,4-Dichlorobenzene	1800	U
100-51-6	Benzyl alcohol	1800	U
95-50-1	1,2-Dichlorobenzene	1800	U
	2-Methylphenol	1800	U
108-60-1	bis(2-chloroisopropyl)ether	1800	U
	4-Methylphenol	1800	U
621-64-7	n-Nitroso-di-n-propylamine	1800	U
67-72-1	Hexachloroethane	1800	U
98-95-3	Nitrobenzene	1800	U
78-59-1	Isophorone	1800	U
88-75-5	2-Nitrophenol	1800	U
105-67-9	2,4-Dimethylphenol	1800	U
111-91-1	bis(2-Chloroethoxy)methane	1800	U
120-83-2	2,4-Dichlorophenol	1800	U
65-85-0	Benzoic Acid	1800	U
120-82-1	1,2,4-Trichlorobenzene	1800	U
91-20-3	Naphthalene	1800	U
106-47-8	4-Chloroaniline	1800	U
87-68-3	Hexachlorobutadiene	1800	U
59-50-7	4-Chloro-3-methylphenol	1800	U
91-57-6	2-Methylnaphthalene	1800	U
77-47-4	Hexachlorocyclopentadiene	1800	U
88-06-2	2,4,6-Trichlorophenol	1800	U
	2,4,5-Trichlorophenol	1800	U
91-58-7	2-Chloronaphthalene	1800	U
88-74-4	2-Nitroaniline	1800	U
131-11-3	Dimethylphthalate	1800	U
208-96-8	Acenaphthylene	1800	U
606-20-2	2,6-Dinitrotoluene	1800	U
99-09-2	3-Nitroaniline	1800	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **B-90**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4423 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4423.08

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA02521.D

Level: (low/med) LOW Date Received: 4/16/99

% Moisture: 45.2 decanted:(Y/N) N Date Extracted: 4/20/99

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:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1800	U
51-28-5	2,4-Dinitrophenol	1800	U
132-64-9	Dibenzofuran	1800	U
100-02-7	4-Nitrophenol	1800	U
121-14-2	2,4-Dinitrotoluene	1800	U
84-66-2	Diethylphthalate	1800	U
86-73-7	Fluorene	1800	U
7005-72-3	4-Chlorophenyl-phenylether	1800	U
100-01-6	4-Nitroaniline	1800	U
534-52-1	4,6-Dinitro-2-methylphenol	1800	U
86-30-6	n-Nitrosodiphenylamine	1800	U
103-33-3	Azobenzene	1800	U
101-55-3	4-Bromophenyl-phenylether	1800	U
118-74-1	Hexachlorobenzene	1800	U
87-86-5	Pentachlorophenol	1800	U
85-01-8	Phenanthrene	440	J
120-12-7	Anthracene	1800	U
84-74-2	Di-n-butylphthalate	1000	JB
206-44-0	Fluoranthene	770	J
92-87-5	Benzidine	1800	U
129-00-0	Pyrene	960	J
85-68-7	Butylbenzylphthalate	1800	U
56-55-3	Benzo[a]anthracene	500	J
91-94-1	3,3'-Dichlorobenzidine	1800	U
218-01-9	Chrysene	820	J
117-81-7	bis(2-Ethylhexyl)phthalate	1800	U
117-84-0	Di-n-octylphthalate	1800	U
205-99-2	Benzo[b]fluoranthene	440	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	290	J
53-70-3	Dibenz[a,h]anthracene	1800	U
191-24-2	Benzo[g,h,i]perylene	1800	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.: 4423 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4423.08

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA02521.D

Level: (low/med) LOW Date Received: 4/16/99

% Moisture: 45.2 decanted: (Y/N) N Date Extracted: 4/20/99

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:

CONCENTRATION UNITS:

Number TICs found: 9 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	8.48	1600	J
2. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	20.14	1400	JN
3. 000593-49-7	Heptacosane	27.12	2700	JN
4. 000629-92-5	Nonadecane	28.53	16000	JN
5. 000638-66-4	Octadecanal	29.51	2000	JN
6. 000646-31-1	Tetracosane	29.91	17000	JN
7.	unknown	29.99	4000	J
8. 000059-02-9	Vitamin E	30.40	1900	JN
9.	unknown	32.36	3500	J

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-91

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4423 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4423.10

Sample wt/vol: 10.14 (g/ml) G Lab File ID: BNA02529.D

Level: (low/med) LOW Date Received: 4/16/99

% Moisture: 15.31 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	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

00742

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **B-91**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4423 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4423.10

Sample wt/vol: 10.14 (g/ml) G Lab File ID: BNA02529.D

Level: (low/med) LOW Date Received: 4/16/99

% Moisture: 15.31 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	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	560	JB
206-44-0	Fluoranthene	150	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	150	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-91**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4423 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4423.10

Sample wt/vol: 10.14 (g/ml) G Lab File ID: BNA02529.D

Level: (low/med) LOW Date Received: 4/16/99

% Moisture: 15.31 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: 6 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		unknown	8.47	790	J
2.	000084-69-5	1,2-Benzenedicarboxylic acid, bis	20.14	690	JN
3.	074685-30-6	5-Eicosene, (E)-	25.59	810	JN
4.	007390-81-0	Oxirane, hexadecyl-	28.12	470	JN
5.	000629-92-5	Nonadecane	28.51	560	JN
6.	007098-22-8	Tetratetracontane	29.88	1000	JN

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-92

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4434 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4434.02

Sample wt/vol: 10.09 (g/ml) G Lab File ID: BNA02553.D

Level: (low/med) LOW Date Received: 4/20/99

% Moisture: 25.67 decanted:(Y/N) N Date Extracted: 4/26/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/28/99

Injection Volume: 1.0 (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

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **B-92**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4434 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4434.02

Sample wt/vol: 10.09 (g/ml) G Lab File ID: BNA02553.D

Level: (low/med) LOW Date Received: 4/20/99

% Moisture: 25.67 decanted:(Y/N) N Date Extracted: 4/26/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/28/99

Injection Volume: 1.0 (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	290	J
120-12-7	Anthracene	1300	U
84-74-2	Di-n-butylphthalate	1300	U
206-44-0	Fluoranthene	390	J
92-87-5	Benzidine	1300	U
129-00-0	Pyrene	430	J
85-68-7	Butylbenzylphthalate	1300	U
56-55-3	Benzo[a]anthracene	190	J
91-94-1	3,3'-Dichlorobenzidine	1300	U
218-01-9	Chrysene	340	J
117-81-7	bis(2-Ethylhexyl)phthalate	1300	U
117-84-0	Di-n-octylphthalate	1300	U
205-99-2	Benzo[b]fluoranthene	210	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	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-92**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4434 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4434.02

Sample wt/vol: 10.09 (g/ml) G Lab File ID: BNA02553.D

Level: (low/med) LOW Date Received: 4/20/99

% Moisture: 25.67 decanted: (Y/N) N Date Extracted: 4/26/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/28/99

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. 000630-06-8	Hexatriacontane	27.11	660	JN
2. 000544-76-3	Hexadecane	28.51	4200	JN
3. 000638-66-4	Octadecanal	29.50	2200	JN
4. 000593-45-3	Octadecane	29.88	5300	JN
5. 007390-81-0	Oxirane, hexadecyl-	31.13	1600	JN

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-93

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4434 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4434.04

Sample wt/vol: 10.03 (g/ml) G Lab File ID: BN03154.D

Level: (low/med) LOW Date Received: 4/20/99

% Moisture: 13.44 decanted:(Y/N) N Date Extracted: 4/26/99

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	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-93

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4434 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4434.04

Sample wt/vol: 10.03 (g/ml) G Lab File ID: BN03154.D

Level: (low/med) LOW Date Received: 4/20/99

% Moisture: 13.44 decanted:(Y/N) N Date Extracted: 4/26/99

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	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	180	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-93**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4434 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4434.04

Sample wt/vol: 10.03 (g/ml) G Lab File ID: BN03154.D

Level: (low/med) LOW Date Received: 4/20/99

% Moisture: 13.44 decanted: (Y/N) N Date Extracted: 4/26/99

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: 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-94

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4434 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4434.06

Sample wt/vol: 10.06 (g/ml) G Lab File ID: BN03155.D

Level: (low/med) LOW Date Received: 4/20/99

% Moisture: 13.4 decanted:(Y/N) N Date Extracted: 4/26/99

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	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-94

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4434 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4434.06

Sample wt/vol: 10.06 (g/ml) G Lab File ID: BN03155.D

Level: (low/med) LOW Date Received: 4/20/99

% Moisture: 13.4 decanted:(Y/N) N Date Extracted: 4/26/99

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	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	99	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	120	J
120-12-7	Anthracene	120	J
84-74-2	Di-n-butylphthalate	210	JB
206-44-0	Fluoranthene	170	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	130	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	230	J
117-81-7	bis(2-Ethylhexyl)phthalate	180	JB
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	120	J
207-08-9	Benzo[k]fluoranthene	150	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-94**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4434 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4434.06

Sample wt/vol: 10.06 (g/ml) G Lab File ID: BN03155.D

Level: (low/med) LOW Date Received: 4/20/99

% Moisture: 13.4 decanted: (Y/N) N Date Extracted: 4/26/99

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: 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-95

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4434 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4434.08

Sample wt/vol: 10.08 (g/ml) G Lab File ID: BNA02546.D

Level: (low/med) LOW Date Received: 4/20/99

% Moisture: 43.5 decanted:(Y/N) N Date Extracted: 4/26/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/28/99

Injection Volume: 1.0 (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	1800	U
62-75-9	N-nitroso-dimethylamine	1800	U
62-53-3	Aniline	1800	U
108-95-2	Phenol	1800	U
111-44-4	bis(2-Chloroethyl)ether	1800	U
95-57-8	2-Chlorophenol	1800	U
541-73-1	1,3-Dichlorobenzene	1800	U
106-46-7	1,4-Dichlorobenzene	1800	U
100-51-6	Benzyl alcohol	1800	U
95-50-1	1,2-Dichlorobenzene	1800	U
	2-Methylphenol	1800	U
108-60-1	bis(2-chloroisopropyl)ether	1800	U
	4-Methylphenol	1800	U
621-64-7	n-Nitroso-di-n-propylamine	1800	U
67-72-1	Hexachloroethane	1800	U
98-95-3	Nitrobenzene	1800	U
78-59-1	Isophorone	1800	U
88-75-5	2-Nitrophenol	1800	U
105-67-9	2,4-Dimethylphenol	1800	U
111-91-1	bis(2-Chloroethoxy)methane	1800	U
120-83-2	2,4-Dichlorophenol	1800	U
65-85-0	Benzoic Acid	1800	U
120-82-1	1,2,4-Trichlorobenzene	1800	U
91-20-3	Naphthalene	1800	U
106-47-8	4-Chloroaniline	1800	U
87-68-3	Hexachlorobutadiene	1800	U
59-50-7	4-Chloro-3-methylphenol	1800	U
91-57-6	2-Methylnaphthalene	1800	U
77-47-4	Hexachlorocyclopentadiene	1800	U
88-06-2	2,4,6-Trichlorophenol	1800	U
	2,4,5-Trichlorophenol	1800	U
91-58-7	2-Chloronaphthalene	1800	U
88-74-4	2-Nitroaniline	1800	U
131-11-3	Dimethylphthalate	1800	U
208-96-8	Acenaphthylene	1800	U
606-20-2	2,6-Dinitrotoluene	1800	U
99-09-2	3-Nitroaniline	1800	U

1C

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-95

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4434 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4434.08

Sample wt/vol: 10.08 (g/ml) G Lab File ID: BNA02546.D

Level: (low/med) LOW Date Received: 4/20/99

% Moisture: 43.5 decanted:(Y/N) N Date Extracted: 4/26/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/28/99

Injection Volume: 1.0 (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	1800	U
51-28-5	2,4-Dinitrophenol	1800	U
132-64-9	Dibenzofuran	1800	U
100-02-7	4-Nitrophenol	1800	U
121-14-2	2,4-Dinitrotoluene	1800	U
84-66-2	Diethylphthalate	1800	U
86-73-7	Fluorene	1800	U
7005-72-3	4-Chlorophenyl-phenylether	1800	U
100-01-6	4-Nitroaniline	1800	U
534-52-1	4,6-Dinitro-2-methylphenol	1800	U
86-30-6	n-Nitrosodiphenylamine	1800	U
103-33-3	Azobenzene	1800	U
101-55-3	4-Bromophenyl-phenylether	1800	U
118-74-1	Hexachlorobenzene	1800	U
87-86-5	Pentachlorophenol	1800	U
85-01-8	Phenanthrene	1800	U
120-12-7	Anthracene	1800	U
84-74-2	Di-n-butylphthalate	440	JB
206-44-0	Fluoranthene	1800	U
92-87-5	Benzidine	1800	U
129-00-0	Pyrene	1800	U
85-68-7	Butylbenzylphthalate	1800	U
56-55-3	Benzo[a]anthracene	1800	U
91-94-1	3,3'-Dichlorobenzidine	1800	U
218-01-9	Chrysene	1800	U
117-81-7	bis(2-Ethylhexyl)phthalate	1800	U
117-84-0	Di-n-octylphthalate	1800	U
205-99-2	Benzo[b]fluoranthene	1800	U
207-08-9	Benzo[k]fluoranthene	1800	U
50-32-8	Benzo[a]pyrene	1800	U
193-39-5	Indeno[1,2,3-cd]pyrene	1800	U
53-70-3	Dibenz[a,h]anthracene	1800	U
191-24-2	Benzo[g,h,i]perylene	1800	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.: 4434 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4434.08

Sample wt/vol: 10.08 (g/ml) G Lab File ID: BNA02546.D

Level: (low/med) LOW Date Received: 4/20/99

% Moisture: 43.5 decanted: (Y/N) N Date Extracted: 4/26/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/28/99

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.	000502-69-2	2-Pentadecanone, 6,10,14-trimet	19.81	1000	JN
2.		unknown	20.13	1100	J
3.	001599-67-3	1-Docosene	25.59	3500	JN
4.	000593-49-7	Heptacosane	27.11	3300	JN
5.	002765-11-9	Pentadecanal-	28.12	980	JN
6.	000638-67-5	Tricosane	28.53	26000	JN
7.	007390-81-0	Oxirane, hexadecyl-	29.50	2100	JN
8.	000629-97-0	Docosane	29.92	30000	JN
9.		unknown	30.06	3200	J
10.	000059-02-9	Vitamin E	30.39	4700	JN
11.	000638-66-4	Octadecanal	31.15	2000	JN
12.	000629-78-7	Heptadecane	31.60	5400	JN

1B

Field ID:

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-96

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4434 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4434.10

Sample wt/vol: 10.07 (g/ml) G Lab File ID: BNA02547.D

Level: (low/med) LOW Date Received: 4/20/99

% Moisture: 18.78 decanted:(Y/N) N Date Extracted: 4/26/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/28/99

Injection Volume: 1.0 (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-96

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 4434 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4434.10

Sample wt/vol: 10.07 (g/ml) G Lab File ID: BNA02547.D

Level: (low/med) LOW Date Received: 4/20/99

% Moisture: 18.78 decanted:(Y/N) N Date Extracted: 4/26/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/28/99

Injection Volume: 1.0 (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	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	2800	
120-12-7	Anthracene	470	J
84-74-2	Di-n-butylphthalate	620	JB
206-44-0	Fluoranthene	3600	
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	3300	
85-68-7	Butylbenzylphthalate	1200	U
56-55-3	Benzo[a]anthracene	1400	
91-94-1	3,3'-Dichlorobenzidine	1200	U
218-01-9	Chrysene	2400	
117-81-7	bis(2-Ethylhexyl)phthalate	210	JB
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo[b]fluoranthene	1000	J
207-08-9	Benzo[k]fluoranthene	1100	J
50-32-8	Benzo[a]pyrene	1000	J
193-39-5	Indeno[1,2,3-cd]pyrene	470	J
53-70-3	Dibenz[a,h]anthracene	1200	U
191-24-2	Benzo[g,h,i]perylene	540	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.: 4434 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4434.10

Sample wt/vol: 10.07 (g/ml) G Lab File ID: BNA02547.D

Level: (low/med) LOW Date Received: 4/20/99

% Moisture: 18.78 decanted: (Y/N) N Date Extracted: 4/26/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 4/28/99

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	20.13	1200	J
2.	000203-64-5	4H-Cyclopenta[def]phenanthrene	20.84	550	JN
3.	001599-67-3	1-Docosene	25.59	2900	JN
4.	000629-78-7	Heptadecane	28.50	3000	JN
5.	000192-97-2	Benzo[e]pyrene	28.63	820	JN
6.	000000-00-0	1-Hexacosanal	29.49	1400	JN
7.	000638-67-5	Tricosane	29.88	4200	JN
8.		unknown	31.13	1100	J

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-97

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4443 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4443.02

Sample wt/vol: 10.16 (g/ml) G Lab File ID: BNA02562.D

Level: (low/med) LOW Date Received: 4/27/99

% Moisture: 21.27 decanted:(Y/N) N Date Extracted: 4/27/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/3/99

Injection Volume: 1.0 (uL) 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-97

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4443 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4443.02

Sample wt/vol: 10.16 (g/ml) G Lab File ID: BNA02562.D

Level: (low/med) LOW Date Received: 4/27/99

% Moisture: 21.27 decanted:(Y/N) N Date Extracted: 4/27/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/3/99

Injection Volume: 1.0 (uL) 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	190	JB
206-44-0	Fluoranthene	300	J
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	310	J
85-68-7	Butylbenzylphthalate	1200	U
56-55-3	Benzo[a]anthracene	440	J
91-94-1	3,3'-Dichlorobenzidine	1200	U
218-01-9	Chrysene	500	J
117-81-7	bis(2-Ethylhexyl)phthalate	2000	B
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo[b]fluoranthene	330	J
207-08-9	Benzo[k]fluoranthene	380	J
50-32-8	Benzo[a]pyrene	380	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	150	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-97

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4443 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4443.02

Sample wt/vol: 10.16 (g/ml) G Lab File ID: BNA02562.D

Level: (low/med) LOW Date Received: 4/27/99

% Moisture: 21.27 decanted: (Y/N) N Date Extracted: 4/27/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/3/99

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	8.46	620	J
2. 000464-48-2	Bicyclo[2.2.1]heptan-2-one, 1,7,7-	11.12	980	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-98

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4443 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4443.04

Sample wt/vol: 10.27 (g/ml) G Lab File ID: BNA02563.D

Level: (low/med) LOW Date Received: 4/27/99

% Moisture: 30.18 decanted:(Y/N) N Date Extracted: 4/27/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/3/99

Injection Volume: 1.0 (uL) 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-98

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4443 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4443.04

Sample wt/vol: 10.27 (g/ml) G Lab File ID: BNA02563.D

Level: (low/med) LOW Date Received: 4/27/99

% Moisture: 30.18 decanted:(Y/N) N Date Extracted: 4/27/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/3/99

Injection Volume: 1.0 (uL) 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	330	JB
206-44-0	Fluoranthene	180	J
92-87-5	Benzidine	1400	U
129-00-0	Pyrene	170	J
85-68-7	Butylbenzylphthalate	1400	U
56-55-3	Benzo[a]anthracene	150	J
91-94-1	3,3'-Dichlorobenzidine	1400	U
218-01-9	Chrysene	220	J
117-81-7	bis(2-Ethylhexyl)phthalate	1400	U
117-84-0	Di-n-octylphthalate	1400	U
205-99-2	Benzo[b]fluoranthene	1400	U
207-08-9	Benzo[k]fluoranthene	1400	U
50-32-8	Benzo[a]pyrene	1400	U
193-39-5	Indeno[1,2,3-cd]pyrene	1400	U
53-70-3	Dibenz[a,h]anthracene	1400	U
191-24-2	Benzo[g,h,i]perylene	1400	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-98

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4443 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4443.04

Sample wt/vol: 10.27 (g/ml) G Lab File ID: BNA02563.D

Level: (low/med) LOW Date Received: 4/27/99

% Moisture: 30.18 decanted: (Y/N) N Date Extracted: 4/27/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/3/99

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. 000085-69-8	1,2-Benzenedicarboxylic acid, but	20.11	630	JN
2. 074685-33-9	3-Eicosene, (E)-	27.10	1300	JN
3. 000000-00-0	1-Hexacosanal	28.11	1100	JN
4. 000629-97-0	Docosane	28.51	6800	JN
5. 000000-00-0	1-Hexacosanal	29.49	1600	JN
6. 000112-95-8	Eicosane	29.89	13000	JN
7.	unknown	30.38	2900	J

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-99

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4443 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4443.06

Sample wt/vol: 10.19 (g/ml) G Lab File ID: BN03160.D

Level: (low/med) LOW Date Received: 4/27/99

% Moisture: 9.58 decanted:(Y/N) N Date Extracted: 4/27/99

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: 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-99**

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4443 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4443.06

Sample wt/vol: 10.19 (g/ml) G Lab File ID: BN03160.D

Level: (low/med) LOW Date Received: 4/27/99

% Moisture: 9.58 decanted:(Y/N) N Date Extracted: 4/27/99

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: 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	140	JB
206-44-0	Fluoranthene	130	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	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	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-99

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4443 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4443.06

Sample wt/vol: 10.19 (g/ml) G Lab File ID: BN03160.D

Level: (low/med) LOW Date Received: 4/27/99

% Moisture: 9.58 decanted: (Y/N) N Date Extracted: 4/27/99

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: 7

CONCENTRATION UNITS:

Number TICs found: 23 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 002733-88-2	15-Tetracosenoic acid, methyl est	20.90	910	JN
2.	unknown	21.09	500	J
3.	unknown	22.14	470	J
4. 001454-84-8	1-Nonadecanol	23.80	8800	JN
5. 000112-85-6	Docosanoic acid	24.37	840	JN
6. 006624-79-9	1-Dotriacontanol	24.56	570	JN
7.	unknown	25.30	3000	J
8.	unknown	25.84	1300	J
9. 000593-45-3	Octadecane	26.00	700	JN
10. 002765-11-9	Pentadecanal-	26.29	2600	JN
11. 001599-67-3	1-Docosene	26.71	4400	JN
12. 007390-81-0	Oxirane, hexadecyl-	27.63	1700	JN
13. 000630-06-8	Hexatriacontane	27.98	1900	JN
14.	unknown	28.03	2500	J
15.	unknown	28.14	710	J
16.	unknown	28.66	510	J
17. 056554-86-0	17-Octadecenal	28.89	1900	JN
18.	unknown	29.00	470	J
19. 000629-96-9	1-Eicosanol	29.27	890	JN
20.	unknown	29.38	920	J
21.	unknown	29.51	750	J
22.	unknown	30.24	610	J
23.	unknown	30.35	850	J

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-100

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4443 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4443.08

Sample wt/vol: 10.17 (g/ml) G Lab File ID: BN03161.D

Level: (low/med) LOW Date Received: 4/27/99

% Moisture: 10.67 decanted:(Y/N) N Date Extracted: 4/27/99

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: 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-100**

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4443 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4443.08

Sample wt/vol: 10.17 (g/ml) G Lab File ID: BN03161.D

Level: (low/med) LOW Date Received: 4/27/99

% Moisture: 10.67 decanted:(Y/N) N Date Extracted: 4/27/99

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: 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	170	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	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	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-100

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4443 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4443.08

Sample wt/vol: 10.17 (g/ml) G Lab File ID: BN03161.D

Level: (low/med) LOW Date Received: 4/27/99

% Moisture: 10.67 decanted: (Y/N) N Date Extracted: 4/27/99

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: 7

Number TICs found: 9 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 001599-67-3	1-Docosene	23.79	6600	JN
2. 006624-79-9	1-Dotriacontanol	25.29	1500	JN
3.	unknown	26.00	440	J
4. 007390-81-0	Oxirane, hexadecyl-	26.29	1100	JN
5. 000629-96-9	1-Eicosanol	26.71	2000	JN
6.	unknown	27.63	1100	J
7. 000630-02-4	Octacosane	27.97	1200	JN
8. 001454-84-8	1-Nonadecanol	28.02	1400	JN
9. 056554-87-1	16-Octadecenal	28.89	840	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-101

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4443 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4443.10

Sample wt/vol: 10.05 (g/ml) G Lab File ID: BNA02559.D

Level: (low/med) LOW Date Received: 4/27/99

% Moisture: 14.72 decanted:(Y/N) N Date Extracted: 4/27/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/3/99

Injection Volume: 1.0 (uL) 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-101

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4443 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4443.10

Sample wt/vol: 10.05 (g/ml) G Lab File ID: BNA02559.D

Level: (low/med) LOW Date Received: 4/27/99

% Moisture: 14.72 decanted:(Y/N) N Date Extracted: 4/27/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/3/99

Injection Volume: 1.0 (uL) 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	160	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	120	JB
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo[b]fluoranthene	1200	U
207-08-9	Benzo[k]fluoranthene	1200	U
50-32-8	Benzo[a]pyrene	1200	U
193-39-5	Indeno[1,2,3-cd]pyrene	1200	U
53-70-3	Dibenz[a,h]anthracene	1200	U
191-24-2	Benzo[g,h,i]perylene	1200	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-101

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4443 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4443.10

Sample wt/vol: 10.05 (g/ml) G Lab File ID: BNA02559.D

Level: (low/med) LOW Date Received: 4/27/99

% Moisture: 14.72 decanted: (Y/N) N Date Extracted: 4/27/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/3/99

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	8.45	1200	J
2. 074685-33-9	3-Eicosene, (E)-	25.57	4200	JN
3. 000629-62-9	Pentadecane	27.09	1400	JN
4. 000638-66-4	Octadecanal	28.10	650	JN
5. 000646-31-1	Tetracosane	28.50	5300	JN
6. 000124-25-4	Tetradecanal	29.48	1200	JN
7. 000629-78-7	Heptadecane	29.87	5900	JN
8. 000059-02-9	Vitamin E	30.36	790	JN
9. 007390-81-0	Oxirane, hexadecyl-	31.12	1500	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-102

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4446 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4446.02

Sample wt/vol: 10.08 (g/ml) G Lab File ID: BNA02577.D

Level: (low/med) LOW Date Received: 4/27/99

% Moisture: 14.06 decanted:(Y/N) N Date Extracted: 5/5/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/6/99

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

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-102

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4446 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4446.02

Sample wt/vol: 10.08 (g/ml) G Lab File ID: BNA02577.D

Level: (low/med) LOW Date Received: 4/27/99

% Moisture: 14.06 decanted:(Y/N) N Date Extracted: 5/5/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/6/99

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	1200	U
206-44-0	Fluoranthene	1200	U
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	1200	U
85-68-7	Butylbenzylphthalate	1200	U
56-55-3	Benzo[a]anthracene	1200	U
91-94-1	3,3'-Dichlorobenzidine	1200	U
218-01-9	Chrysene	1200	U
117-81-7	bis(2-Ethylhexyl)phthalate	1200	U
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo[b]fluoranthene	1200	U
207-08-9	Benzo[k]fluoranthene	1200	U
50-32-8	Benzo[a]pyrene	1200	U
193-39-5	Indeno[1,2,3-cd]pyrene	1200	U
53-70-3	Dibenz[a,h]anthracene	1200	U
191-24-2	Benzo[g,h,i]perylene	1200	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-102

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4446 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4446.02

Sample wt/vol: 10.08 (g/ml) G Lab File ID: BNA02577.D

Level: (low/med) LOW Date Received: 4/27/99

% Moisture: 14.06 decanted: (Y/N) N Date Extracted: 5/5/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/6/99

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. 001599-67-3	1-Docosene	25.57	3200	JN
2. 000112-95-8	Eicosane	28.48	890	JN
3. 000629-92-5	Nonadecane	29.84	1400	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-103

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4446 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4446.04

Sample wt/vol: 10.06 (g/ml) G Lab File ID: BNA02571.D

Level: (low/med) LOW Date Received: 4/27/99

% Moisture: 14.4 decanted:(Y/N) N Date Extracted: 5/5/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/6/99

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-103

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4446 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4446.04

Sample wt/vol: 10.06 (g/ml) G Lab File ID: BNA02571.D

Level: (low/med) LOW Date Received: 4/27/99

% Moisture: 14.4 decanted:(Y/N) N Date Extracted: 5/5/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/6/99

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	310	J
206-44-0	Fluoranthene	1200	U
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	1200	U
85-68-7	Butylbenzylphthalate	1200	U
56-55-3	Benzo[a]anthracene	1200	U
91-94-1	3,3'-Dichlorobenzidine	1200	U
218-01-9	Chrysene	1200	U
117-81-7	bis(2-Ethylhexyl)phthalate	140	J
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo[b]fluoranthene	1200	U
207-08-9	Benzo[k]fluoranthene	1200	U
50-32-8	Benzo[a]pyrene	1200	U
193-39-5	Indeno[1,2,3-cd]pyrene	1200	U
53-70-3	Dibenz[a,h]anthracene	1200	U
191-24-2	Benzo[g,h,i]perylene	1200	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-103

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4446 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4446.04

Sample wt/vol: 10.06 (g/ml) G Lab File ID: BNA02571.D

Level: (low/med) LOW Date Received: 4/27/99

% Moisture: 14.4 decanted: (Y/N) N Date Extracted: 5/5/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/6/99

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	8.46	1000	J
2.	000084-69-5	1,2-Benzenedicarboxylic acid, bis	20.10	720	JN
3.	001599-67-3	1-Docosene	25.56	3200	JN
4.	056554-86-0	17-Octadecenal	28.08	510	JN
5.	000593-49-7	Heptacosane	29.83	610	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-104

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4446 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4446.06

Sample wt/vol: 10.08 (g/ml) G Lab File ID: BNA02574.D

Level: (low/med) LOW Date Received: 4/27/99

% Moisture: 15.36 decanted:(Y/N) N Date Extracted: 5/5/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/6/99

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

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID. **B-104**

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4446 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4446.06

Sample wt/vol: 10.08 (g/ml) G Lab File ID: BNA02574.D

Level: (low/med) LOW Date Received: 4/27/99

% Moisture: 15.36 decanted:(Y/N) N Date Extracted: 5/5/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/6/99

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	300	J
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	140	J
117-81-7	bis(2-Ethylhexyl)phthalate	230	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-104

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4446 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4446.06

Sample wt/vol: 10.08 (g/ml) G Lab File ID: BNA02574.D

Level: (low/med) LOW Date Received: 4/27/99

% Moisture: 15.36 decanted: (Y/N) N Date Extracted: 5/5/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/6/99

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.	unknown	8.46	1200	J
2. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	20.10	660	JN
3. 001599-67-3	1-Docosene	25.57	4200	JN
4. 000000-00-0	1-Hexacosanal	28.09	940	JN
5. 000629-80-1	Hexadecanal	29.46	560	JN
6. 000629-92-5	Nonadecane	29.84	1200	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-105

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4446 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4446.08

Sample wt/vol: 10.21 (g/ml) G Lab File ID: BNA02572.D

Level: (low/med) LOW Date Received: 4/27/99

% Moisture: 12.66 decanted:(Y/N) N Date Extracted: 5/5/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/6/99

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-105

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4446 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4446.08

Sample wt/vol: 10.21 (g/ml) G Lab File ID: BNA02572.D

Level: (low/med) LOW Date Received: 4/27/99

% Moisture: 12.66 decanted:(Y/N) N Date Extracted: 5/5/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/6/99

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	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	240	J
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-105

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4446 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4446.08

Sample wt/vol: 10.21 (g/ml) G Lab File ID: BNA02572.D

Level: (low/med) LOW Date Received: 4/27/99

% Moisture: 12.66 decanted: (Y/N) N Date Extracted: 5/5/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/6/99

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	8.46	1200	J
2. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	20.10	610	JN
3. 001599-67-3	1-Docosene	25.57	3500	JN
4. 000629-78-7	Heptadecane	29.83	550	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-106

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4446 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4446.10

Sample wt/vol: 10.2 (g/ml) G Lab File ID: BNA02575.D

Level: (low/med) LOW Date Received: 4/27/99

% Moisture: 13.97 decanted:(Y/N) N Date Extracted: 5/5/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/6/99

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-106

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4446 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4446.10

Sample wt/vol: 10.2 (g/ml) G Lab File ID: BNA02575.D

Level: (low/med) LOW Date Received: 4/27/99

% Moisture: 13.97 decanted:(Y/N) N Date Extracted: 5/5/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/6/99

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	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	180	J
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	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	1100	U
207-08-9	Benzo[k]fluoranthene	120	J
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-106

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4446 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4446.10

Sample wt/vol: 10.2 (g/ml) G Lab File ID: BNA02575.D

Level: (low/med) LOW Date Received: 4/27/99

% Moisture: 13.97 decanted: (Y/N) N Date Extracted: 5/5/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/6/99

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	8.46	1200	J
2.	001599-67-3	1-Docosene	25.57	4400	JN
3.	000112-88-9	1-Octadecene	27.08	880	JN
4.	000630-03-5	Nonacosane	28.48	1100	JN
5.	000297-03-0	Cyclotetracosane	28.52	940	JN
6.	000000-00-0	1-Hexacosanal	29.47	3100	JN
7.	000629-78-7	Heptadecane	29.84	2000	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-107

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4446 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4446.12

Sample wt/vol: 10.07 (g/ml) G Lab File ID: BNA02573.D

Level: (low/med) LOW Date Received: 4/27/99

% Moisture: 15.68 decanted:(Y/N) N Date Extracted: 5/5/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/6/99

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-107

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4446 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4446.12

Sample wt/vol: 10.07 (g/ml) G Lab File ID: BNA02573.D

Level: (low/med) LOW Date Received: 4/27/99

% Moisture: 15.68 decanted:(Y/N) N Date Extracted: 5/5/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/6/99

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	370	J
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-107

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4446 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4446.12

Sample wt/vol: 10.07 (g/ml) G Lab File ID: BNA02573.D

Level: (low/med) LOW Date Received: 4/27/99

% Moisture: 15.68 decanted: (Y/N) N Date Extracted: 5/5/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/6/99

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.	unknown	8.46	1200	J
2.	unknown	20.10	790	J
3. 001599-67-3	1-Docosene	25.56	3700	JN
4.	unknown	27.08	570	J
5. 007390-81-0	Oxirane, hexadecyl-	29.46	660	JN
6. 000630-06-8	Hexatriacontane	29.83	790	JN

001582

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-108

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4462 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4462.02

Sample wt/vol: 10.09 (g/ml) G Lab File ID: BNA02570.D

Level: (low/med) LOW Date Received: 5/4/99

% Moisture: 13.79 decanted:(Y/N) N Date Extracted: 5/5/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/6/99

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-108

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4462 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4462.02

Sample wt/vol: 10.09 (g/ml) G Lab File ID: BNA02570.D

Level: (low/med) LOW Date Received: 5/4/99

% Moisture: 13.79 decanted:(Y/N) N Date Extracted: 5/5/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/6/99

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	400	J
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	220	J
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo[b]fluoranthene	1200	U
207-08-9	Benzo[k]fluoranthene	1200	U
50-32-8	Benzo[a]pyrene	1200	U
193-39-5	Indeno[1,2,3-cd]pyrene	1200	U
53-70-3	Dibenz[a,h]anthracene	1200	U
191-24-2	Benzo[g,h,i]perylene	1200	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-108

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4462 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4462.02

Sample wt/vol: 10.09 (g/ml) G Lab File ID: BNA02570.D

Level: (low/med) LOW Date Received: 5/4/99

% Moisture: 13.79 decanted: (Y/N) N Date Extracted: 5/5/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/6/99

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.	unknown	8.45	1100	J
2. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	20.10	900	JN
3. 001599-67-3	1-Docosene	25.56	3500	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-109

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4462 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4462.04

Sample wt/vol: 10.18 (g/ml) G Lab File ID: BNA02582.D

Level: (low/med) LOW Date Received: 5/4/99

% Moisture: 13.99 decanted:(Y/N) N Date Extracted: 5/5/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/7/99

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	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-109

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4462 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4462.04

Sample wt/vol: 10.18 (g/ml) G Lab File ID: BNA02582.D

Level: (low/med) LOW Date Received: 5/4/99

% Moisture: 13.99 decanted:(Y/N) N Date Extracted: 5/5/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/7/99

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	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	610	J
206-44-0	Fluoranthene	140	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	150	J
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-109

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4462 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4462.04

Sample wt/vol: 10.18 (g/ml) G Lab File ID: BNA02582.D

Level: (low/med) LOW Date Received: 5/4/99

% Moisture: 13.99 decanted: (Y/N) N Date Extracted: 5/5/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/7/99

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.	unknown	10.75	560	J
2. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	20.09	1300	JN
3. 001599-67-3	1-Docosene	25.56	3300	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-110

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4462 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4462.06

Sample wt/vol: 10.03 (g/ml) G Lab File ID: BNA02583.D

Level: (low/med) LOW Date Received: 5/4/99

% Moisture: 14.65 decanted:(Y/N) N Date Extracted: 5/5/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/7/99

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

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID. **B-110**

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4462 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4462.06

Sample wt/vol: 10.03 (g/ml) G Lab File ID: BNA02583.D

Level: (low/med) LOW Date Received: 5/4/99

% Moisture: 14.65 decanted:(Y/N) N Date Extracted: 5/5/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/7/99

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	300	J
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-110

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4462 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4462.06

Sample wt/vol: 10.03 (g/ml) G Lab File ID: BNA02583.D

Level: (low/med) LOW Date Received: 5/4/99

% Moisture: 14.65 decanted: (Y/N) N Date Extracted: 5/5/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/7/99

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. 000149-57-5	Hexanoic acid, 2-ethyl-	10.77	720	JN
2. 017851-53-5	1,2-Benzenedicarboxylic acid, but	20.09	750	JN
3. 074685-30-6	5-Eicosene, (E)-	25.56	3700	JN
4. 000112-95-8	Eicosane	28.47	670	JN
5. 074962-98-4	2-Tridecen-1-ol, (E)-	29.46	540	JN
6. 000629-78-7	Heptadecane	29.83	1000	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-111

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4462 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4462.08

Sample wt/vol: 10.04 (g/ml) G Lab File ID: BNA02585.D

Level: (low/med) LOW Date Received: 5/4/99

% Moisture: 12.75 decanted:(Y/N) N Date Extracted: 5/5/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/7/99

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	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-111

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4462 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4462.08

Sample wt/vol: 10.04 (g/ml) G Lab File ID: BNA02585.D

Level: (low/med) LOW Date Received: 5/4/99

% Moisture: 12.75 decanted:(Y/N) N Date Extracted: 5/5/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/7/99

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	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	650	J
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	170	J
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-111

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4462 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4462.08

Sample wt/vol: 10.04 (g/ml) G Lab File ID: BNA02585.D

Level: (low/med) LOW Date Received: 5/4/99

% Moisture: 12.75 decanted: (Y/N) N Date Extracted: 5/5/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/7/99

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	20.10	1400	JN
2. 018435-45-5	1-Nonadecene	25.59	2400	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-112

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4462 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4462.10

Sample wt/vol: 10.1 (g/ml) G Lab File ID: BNA02584.D

Level: (low/med) LOW Date Received: 5/4/99

% Moisture: 13.68 decanted:(Y/N) N Date Extracted: 5/5/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/7/99

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-112

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4462 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4462.10

Sample wt/vol: 10.1 (g/ml) G Lab File ID: BNA02584.D

Level: (low/med) LOW Date Received: 5/4/99

% Moisture: 13.68 decanted:(Y/N) N Date Extracted: 5/5/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/7/99

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	1200	U
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	200	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	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-112

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4462 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4462.10

Sample wt/vol: 10.1 (g/ml) G Lab File ID: BNA02584.D

Level: (low/med) LOW Date Received: 5/4/99

% Moisture: 13.68 decanted: (Y/N) N Date Extracted: 5/5/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/7/99

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. 001599-67-3	1-Docosene	25.56	4200	JN
2. 006971-40-0	17-Pentatriacontene	27.08	860	JN
3. 007390-81-0	Oxirane, hexadecyl-	28.09	1900	JN
4. 000629-96-9	1-Eicosanol	28.52	890	JN
5. 000124-25-4	Tetradecanal	29.46	2000	JN
6. 054833-48-6	Heptadecane, 2,6,10,15-tetramet	29.84	1100	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-113

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4466 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4466.02

Sample wt/vol: 10.07 (g/ml) G Lab File ID: BN03222.D

Level: (low/med) LOW Date Received: 5/6/99

% Moisture: 14.23 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: 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-113

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4466 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4466.02

Sample wt/vol: 10.07 (g/ml) G Lab File ID: BN03222.D

Level: (low/med) LOW Date Received: 5/6/99

% Moisture: 14.23 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: 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	180	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	220	J
117-81-7	bis(2-Ethylhexyl)phthalate	120	J
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo[b]fluoranthene	1200	U
207-08-9	Benzo[k]fluoranthene	1200	U
50-32-8	Benzo[a]pyrene	1200	U
193-39-5	Indeno[1,2,3-cd]pyrene	1200	U
53-70-3	Dibenz[a,h]anthracene	1200	U
191-24-2	Benzo[g,h,i]perylene	1200	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-113

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4466 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4466.02

Sample wt/vol: 10.07 (g/ml) G Lab File ID: BN03222.D

Level: (low/med) LOW Date Received: 5/6/99

% Moisture: 14.23 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: 7

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	18.35	910	JN
2. 001599-67-3	1-Docosene	23.77	6600	JN
3. 006971-40-0	17-Pentatriacontene	25.27	1000	JN
4. 002765-11-9	Pentadecanal-	26.26	700	JN
5. 000638-68-6	Triacontane	27.95	590	JN
6. 000629-96-9	1-Eicosanol	28.01	1100	JN
7. 007390-81-0	Oxirane, hexadecyl-	28.87	500	JN
8. 006624-79-9	1-Dotriacontanol	29.25	520	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-114

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4466 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4466.04

Sample wt/vol: 10.13 (g/ml) G Lab File ID: BNA02593.D

Level: (low/med) LOW Date Received: 5/6/99

% Moisture: 12.24 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: 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-114

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4466 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4466.04

Sample wt/vol: 10.13 (g/ml) G Lab File ID: BNA02593.D

Level: (low/med) LOW Date Received: 5/6/99

% Moisture: 12.24 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: 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	340	JB
206-44-0	Fluoranthene	120	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	150	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	140	J
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	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-114

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4466 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4466.04

Sample wt/vol: 10.13 (g/ml) G Lab File ID: BNA02593.D

Level: (low/med) LOW Date Received: 5/6/99

% Moisture: 12.24 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: 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	20.09	710	JN
2. 074685-33-9	3-Eicosene, (E)-	25.55	2600	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-115

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4466 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4466.06

Sample wt/vol: 10.04 (g/ml) G Lab File ID: BN03225.D

Level: (low/med) LOW Date Received: 5/6/99

% Moisture: 8.61 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: 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-115

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4466 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4466.06

Sample wt/vol: 10.04 (g/ml) G Lab File ID: BN03225.D

Level: (low/med) LOW Date Received: 5/6/99

% Moisture: 8.61 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: 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	140	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	540	JB
206-44-0	Fluoranthene	170	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	150	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1100	U
117-81-7	bis(2-Ethylhexyl)phthalate	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

FIELD ID.

B-115

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4466 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4466.06

Sample wt/vol: 10.04 (g/ml) G Lab File ID: BN03225.D

Level: (low/med) LOW Date Received: 5/6/99

% Moisture: 8.61 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: 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	18.35	1300	JN
2. 001599-67-3	1-Docosene	23.77	8100	JN
3. 006624-79-9	1-Dotriacontanol	25.27	1000	JN
4. 001454-84-8	1-Nonadecanol	28.01	1500	JN
5. 006971-40-0	17-Pentatriacontene	29.25	670	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-116

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4466 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4466.08

Sample wt/vol: 10.04 (g/ml) G Lab File ID: BNA02594.D

Level: (low/med) LOW Date Received: 5/6/99

% Moisture: 9.49 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: 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-116

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4466 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4466.08

Sample wt/vol: 10.04 (g/ml) G Lab File ID: BNA02594.D

Level: (low/med) LOW Date Received: 5/6/99

% Moisture: 9.49 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: 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	540	JB
206-44-0	Fluoranthene	270	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	180	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	300	J
117-81-7	bis(2-Ethylhexyl)phthalate	140	J
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	140	J
207-08-9	Benzo[k]fluoranthene	140	J
50-32-8	Benzo[a]pyrene	170	J
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
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-116

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4466 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4466.08

Sample wt/vol: 10.04 (g/ml) G Lab File ID: BNA02594.D

Level: (low/med) LOW Date Received: 5/6/99

% Moisture: 9.49 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: 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	20.09	1400	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-117

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4466 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4466.10

Sample wt/vol: 10.22 (g/ml) G Lab File ID: BNA02588.D

Level: (low/med) LOW Date Received: 5/6/99

% Moisture: 16.15 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: 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-117

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4466 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4466.10

Sample wt/vol: 10.22 (g/ml) G Lab File ID: BNA02588.D

Level: (low/med) LOW Date Received: 5/6/99

% Moisture: 16.15 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: 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	130	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-117

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4466 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4466.10

Sample wt/vol: 10.22 (g/ml) G Lab File ID: BNA02588.D

Level: (low/med) LOW Date Received: 5/6/99

% Moisture: 16.15 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: 7

Number TICs found: 8 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 001599-67-3	1-Docosene	25.55	2900	JN
2. 000000-00-0	1-Hexacosanal	28.08	2500	JN
3. 000630-06-8	Hexatriacontane	28.46	710	JN
4. 000297-03-0	Cyclotetracosane	28.51	1300	JN
5. 007390-81-0	Oxirane, hexadecyl-	29.45	1100	JN
6. 007098-22-8	Tetratetracontane	29.82	1800	JN
7. 000124-25-4	Tetradecanal	31.06	710	JN
8. 000544-85-4	Dotriacontane	31.51	780	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-118

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4466 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4466.12

Sample wt/vol: 10.13 (g/ml) G Lab File ID: BN03226.D

Level: (low/med) LOW Date Received: 5/6/99

% Moisture: 5.56 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: 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-118

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4466 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4466.12

Sample wt/vol: 10.13 (g/ml) G Lab File ID: BN03226.D

Level: (low/med) LOW Date Received: 5/6/99

% Moisture: 5.56 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: 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	700	JB
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1100	U
117-81-7	bis(2-Ethylhexyl)phthalate	120	J
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-118

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4466 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4466.12

Sample wt/vol: 10.13 (g/ml) G Lab File ID: BN03226.D

Level: (low/med) LOW Date Received: 5/6/99

% Moisture: 5.56 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: 7

Number TICs found: 7 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	4.07	460	J
2. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.36	2100	JN
3. 001599-67-3	1-Docosene	23.77	6800	JN
4. 006624-79-9	1-Dotriacontanol	25.27	880	JN
5. 007390-81-0	Oxirane, hexadecyl-	27.61	480	JN
6. 000629-96-9	1-Eicosanol	28.01	1300	JN
7. 000629-96-9	1-Eicosanol	29.25	550	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-119

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4468 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4468.02

Sample wt/vol: 10.23 (g/ml) G Lab File ID: BN03227.D

Level: (low/med) LOW Date Received: 5/7/99

% Moisture: 12.43 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: 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-119

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4468 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4468.02

Sample wt/vol: 10.23 (g/ml) G Lab File ID: BN03227.D

Level: (low/med) LOW Date Received: 5/7/99

% Moisture: 12.43 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: 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	870	JB
206-44-0	Fluoranthene	130	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	1100	U
117-81-7	bis(2-Ethylhexyl)phthalate	320	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-119

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4468 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4468.02

Sample wt/vol: 10.23 (g/ml) G Lab File ID: BN03227.D

Level: (low/med) LOW Date Received: 5/7/99

% Moisture: 12.43 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: 7

Number TICs found: 9 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.35	2500	JN
2. 000072-54-8	1,1-Dichloro-2,2-bis(p-chlorophen	22.12	770	JN
3. 000053-19-0	Mitotane	22.77	1300	JN
4. 001599-67-3	1-Docosene	23.77	6800	JN
5. 006624-79-9	1-Dotriacontanol	25.27	1000	JN
6. 007390-81-0	Oxirane, hexadecyl-	27.61	600	JN
7. 000630-06-8	Hexatriacontane	27.95	680	JN
8. 000629-96-9	1-Eicosanol	28.01	1200	JN
9. 000112-88-9	1-Octadecene	29.25	520	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-120

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4468 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4468.04

Sample wt/vol: 10.25 (g/ml) G Lab File ID: BNA02592.D

Level: (low/med) LOW Date Received: 5/7/99

% Moisture: 13.64 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: 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-120

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4468 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4468.04

Sample wt/vol: 10.25 (g/ml) G Lab File ID: BNA02592.D

Level: (low/med) LOW Date Received: 5/7/99

% Moisture: 13.64 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: 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	150	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	180	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-120

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4468 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4468.04

Sample wt/vol: 10.25 (g/ml) G Lab File ID: BNA02592.D

Level: (low/med) LOW Date Received: 5/7/99

% Moisture: 13.64 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: 7

Number TICs found: 3 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 017851-53-5	1,2-Benzenedicarboxylic acid, but	20.09	540	JN
2. 001454-84-8	1-Nonadecanol	25.55	3300	JN
3. 000112-95-8	Eicosane	29.82	510	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-121

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4468 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4468.06

Sample wt/vol: 10.18 (g/ml) G Lab File ID: BN03228.D

Level: (low/med) LOW Date Received: 5/7/99

% Moisture: 14.46 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: 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-121

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4468 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4468.06

Sample wt/vol: 10.18 (g/ml) G Lab File ID: BN03228.D

Level: (low/med) LOW Date Received: 5/7/99

% Moisture: 14.46 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: 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	670	JB
206-44-0	Fluoranthene	250	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	140	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	240	J
117-81-7	bis(2-Ethylhexyl)phthalate	120	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	110	J
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-121

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4468 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4468.06

Sample wt/vol: 10.18 (g/ml) G Lab File ID: BN03228.D

Level: (low/med) LOW Date Received: 5/7/99

% Moisture: 14.46 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: 7

Number TICs found: 8 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	4.07	490	J
2. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.36	2200	JN
3. 001599-67-3	1-Docosene	23.78	8100	JN
4. 006971-40-0	17-Pentatriacontene	25.27	1100	JN
5.	unknown	25.99	470	J
6. 006624-79-9	1-Dotriacontanol	28.01	1600	JN
7.	unknown	28.65	610	J
8. 000506-52-5	1-Hexacosanol	29.25	760	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-122

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4468 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4468.08

Sample wt/vol: 10.11 (g/ml) G Lab File ID: BN03229.D

Level: (low/med) LOW Date Received: 5/7/99

% Moisture: 10.58 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: 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-122

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4468 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4468.08

Sample wt/vol: 10.11 (g/ml) G Lab File ID: BN03229.D

Level: (low/med) LOW Date Received: 5/7/99

% Moisture: 10.58 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: 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	170	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-122

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4468 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4468.08

Sample wt/vol: 10.11 (g/ml) G Lab File ID: BN03229.D

Level: (low/med) LOW Date Received: 5/7/99

% Moisture: 10.58 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: 7

Number TICs found: 5 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000085-69-8	1,2-Benzenedicarboxylic acid, bul	18.35	500	JN
2. 001454-84-8	1-Nonadecanol	23.78	8200	JN
3. 001599-67-3	1-Docosene	25.27	1000	JN
4. 000629-96-9	1-Eicosanol	28.01	1500	JN
5. 006624-79-9	1-Dotriacontanol	29.25	600	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-123

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4468 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4468.10

Sample wt/vol: 10.23 (g/ml) G Lab File ID: BNA02590.D

Level: (low/med) LOW Date Received: 5/7/99

% Moisture: 15.72 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: 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-123

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4468 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4468.10

Sample wt/vol: 10.23 (g/ml) G Lab File ID: BNA02590.D

Level: (low/med) LOW Date Received: 5/7/99

% Moisture: 15.72 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: 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	250	JB
206-44-0	Fluoranthene	1200	U
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	1200	U
85-68-7	Butylbenzylphthalate	1200	U
56-55-3	Benzo[a]anthracene	1200	U
91-94-1	3,3'-Dichlorobenzidine	1200	U
218-01-9	Chrysene	1200	U
117-81-7	bis(2-Ethylhexyl)phthalate	1200	U
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo[b]fluoranthene	1200	U
207-08-9	Benzo[k]fluoranthene	1200	U
50-32-8	Benzo[a]pyrene	1200	U
193-39-5	Indeno[1,2,3-cd]pyrene	1200	U
53-70-3	Dibenz[a,h]anthracene	1200	U
191-24-2	Benzo[g,h,i]perylene	1200	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-123

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4468 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4468.10

Sample wt/vol: 10.23 (g/ml) G Lab File ID: BNA02590.D

Level: (low/med) LOW Date Received: 5/7/99

% Moisture: 15.72 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: 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	20.09	610	JN
2. 001599-67-3	1-Docosene	25.55	3500	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-124

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4468 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4468.12

Sample wt/vol: 10.08 (g/ml) G Lab File ID: BNA02591.D

Level: (low/med) LOW Date Received: 5/7/99

% Moisture: 19.98 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: 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-124

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4468 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4468.12

Sample wt/vol: 10.08 (g/ml) G Lab File ID: BNA02591.D

Level: (low/med) LOW Date Received: 5/7/99

% Moisture: 19.98 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: 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	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	1300	
120-12-7	Anthracene	230	J
84-74-2	Di-n-butylphthalate	1200	U
206-44-0	Fluoranthene	1600	
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	1800	
85-68-7	Butylbenzylphthalate	1200	U
56-55-3	Benzo[a]anthracene	720	J
91-94-1	3,3'-Dichlorobenzidine	1200	U
218-01-9	Chrysene	1100	J
117-81-7	bis(2-Ethylhexyl)phthalate	1200	U
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo[b]fluoranthene	440	J
207-08-9	Benzo[k]fluoranthene	440	J
50-32-8	Benzo[a]pyrene	540	J
193-39-5	Indeno[1,2,3-cd]pyrene	340	J
53-70-3	Dibenz[a,h]anthracene	1200	U
191-24-2	Benzo[g,h,i]perylene	440	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-124

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4468 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4468.12

Sample wt/vol: 10.08 (g/ml) G Lab File ID: BNA02591.D

Level: (low/med) LOW Date Received: 5/7/99

% Moisture: 19.98 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: 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-125

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4468 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4468.14

Sample wt/vol: 10.22 (g/ml) G Lab File ID: BNA02595.D

Level: (low/med) LOW Date Received: 5/7/99

% Moisture: 22.29 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: 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-125

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4468 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4468.14

Sample wt/vol: 10.22 (g/ml) G Lab File ID: BNA02595.D

Level: (low/med) LOW Date Received: 5/7/99

% Moisture: 22.29 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: 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	1300	U
206-44-0	Fluoranthene	200	J
92-87-5	Benzidine	1300	U
129-00-0	Pyrene	270	J
85-68-7	Butylbenzylphthalate	1300	U
56-55-3	Benzo[a]anthracene	150	J
91-94-1	3,3'-Dichlorobenzidine	1300	U
218-01-9	Chrysene	250	J
117-81-7	bis(2-Ethylhexyl)phthalate	390	J
117-84-0	Di-n-octylphthalate	1300	U
205-99-2	Benzo[b]fluoranthene	140	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	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-125

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4468 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4468.14

Sample wt/vol: 10.22 (g/ml) G Lab File ID: BNA02595.D

Level: (low/med) LOW Date Received: 5/7/99

% Moisture: 22.29 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: 7

Number TICs found: 1 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 056554-87-1	16-Octadecenal	29.45	630	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-126

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4468 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4468.16

Sample wt/vol: 10.06 (g/ml) G Lab File ID: BN03230.D

Level: (low/med) LOW Date Received: 5/7/99

% Moisture: 6.38 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: 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.: 4468 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4468.16

Sample wt/vol: 10.06 (g/ml) G Lab File ID: BN03230.D

Level: (low/med) LOW Date Received: 5/7/99

% Moisture: 6.38 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: 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	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.

B-126

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4468 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4468.16

Sample wt/vol: 10.06 (g/ml) G Lab File ID: BN03230.D

Level: (low/med) LOW Date Received: 5/7/99

% Moisture: 6.38 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: 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	18.35	770	JN
2. 001599-67-3	1-Docosene	23.77	4400	JN
3. 006624-79-9	1-Dotriacontanol	25.27	650	JN
4. 000629-96-9	1-Eicosanol	28.01	910	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-127

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4468 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4468.18

Sample wt/vol: 10.14 (g/ml) G Lab File ID: BN03231.D

Level: (low/med) LOW Date Received: 5/7/99

% Moisture: 13.82 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: 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.: 4468 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4468.18

Sample wt/vol: 10.14 (g/ml) G Lab File ID: BN03231.D

Level: (low/med) LOW Date Received: 5/7/99

% Moisture: 13.82 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: 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	560	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-127

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4468 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4468.18

Sample wt/vol: 10.14 (g/ml) G Lab File ID: BN03231.D

Level: (low/med) LOW Date Received: 5/7/99

% Moisture: 13.82 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: 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	18.35	1400	JN
2. 019047-85-9	Phosphonic acid, dioctadecyl este	23.77	8000	JN
3. 006624-79-9	1-Dotriacontanol	25.27	1000	JN
4. 002765-11-9	Pentadecanal-	27.61	550	JN
5. 000629-96-9	1-Eicosanol	28.01	1500	JN
6.	unknown	28.65	480	J
7. 006971-40-0	17-Pentatriacontene	29.25	610	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-128

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4472 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4472.02

Sample wt/vol: 10.15 (g/ml) G Lab File ID: BN03246.D

Level: (low/med) LOW Date Received: 5/10/99

% Moisture: 19.48 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	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-128

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4472 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4472.02

Sample wt/vol: 10.15 (g/ml) G Lab File ID: BN03246.D

Level: (low/med) LOW Date Received: 5/10/99

% Moisture: 19.48 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	1200	U
51-28-5	2,4-Dinitrophenol	1200	U
132-64-9	Dibenzofuran	1200	U
100-02-7	4-Nitrophenol	1200	U
121-14-2	2,4-Dinitrotoluene	1200	U
84-66-2	Diethylphthalate	1200	U
86-73-7	Fluorene	1200	U
7005-72-3	4-Chlorophenyl-phenylether	1200	U
100-01-6	4-Nitroaniline	1200	U
534-52-1	4,6-Dinitro-2-methylphenol	1200	U
86-30-6	n-Nitrosodiphenylamine	1200	U
103-33-3	Azobenzene	1200	U
101-55-3	4-Bromophenyl-phenylether	1200	U
118-74-1	Hexachlorobenzene	1200	U
87-86-5	Pentachlorophenol	1200	U
85-01-8	Phenanthrene	210	J
120-12-7	Anthracene	1200	U
84-74-2	Di-n-butylphthalate	670	JB
206-44-0	Fluoranthene	350	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	180	J
91-94-1	3,3'-Dichlorobenzidine	1200	U
218-01-9	Chrysene	410	J
117-81-7	bis(2-Ethylhexyl)phthalate	260	J
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo[b]fluoranthene	170	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	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.

B-128

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4472 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4472.02

Sample wt/vol: 10.15 (g/ml) G Lab File ID: BN03246.D

Level: (low/med) LOW Date Received: 5/10/99

% Moisture: 19.48 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

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	1900	JN
2. 001002-84-2	Pentadecanoic acid	21.07	860	JN
3. 001454-85-9	1-Heptadecanol	23.77	7500	JN
4. 000112-85-6	Docosanoic acid	24.34	730	JN
5. 006624-79-9	1-Dotriacontanol	25.27	2300	JN
6.	unknown	25.81	540	J
7. 002765-11-9	Pentadecanal-	26.26	1300	JN
8. 000544-85-4	Dotriacontane	26.66	1200	JN
9.	unknown	26.68	1700	J
10. 056554-86-0	17-Octadecenal	27.60	1300	JN
11. 000638-68-6	Triacontane	27.95	1600	JN
12. 000629-96-9	1-Eicosanol	28.00	2600	JN
13. 000629-80-1	Hexadecanal	28.86	1500	JN
14.	unknown	29.14	1800	J
15. 000506-52-5	1-Hexacosanol	29.24	1200	JN
16.	unknown	29.47	1400	J
17. 000058-22-0	Testosterone	30.46	1100	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-129

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4472 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4472.04

Sample wt/vol: 10.12 (g/ml) G Lab File ID: BN03247.D

Level: (low/med) LOW Date Received: 5/10/99

% Moisture: 17.65 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	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-129

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4472 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4472.04

Sample wt/vol: 10.12 (g/ml) G Lab File ID: BN03247.D

Level: (low/med) LOW Date Received: 5/10/99

% Moisture: 17.65 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	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	180	J
120-12-7	Anthracene	1200	U
84-74-2	Di-n-butylphthalate	610	JB
206-44-0	Fluoranthene	300	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	190	J
91-94-1	3,3'-Dichlorobenzidine	1200	U
218-01-9	Chrysene	370	J
117-81-7	bis(2-Ethylhexyl)phthalate	270	J
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo[b]fluoranthene	180	J
207-08-9	Benzo[k]fluoranthene	150	J
50-32-8	Benzo[a]pyrene	190	J
193-39-5	Indeno[1,2,3-cd]pyrene	1200	U
53-70-3	Dibenz[a,h]anthracene	1200	U
191-24-2	Benzo[g,h,i]perylene	1200	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-129

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4472 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4472.04

Sample wt/vol: 10.12 (g/ml) G Lab File ID: BN03247.D

Level: (low/med) LOW Date Received: 5/10/99

% Moisture: 17.65 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

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	1700	JN
2. 000057-11-4	Octadecanoic acid	21.08	1100	JN
3. 001454-84-8	1-Nonadecanol	23.77	9300	JN
4.	unknown	24.35	880	J
5. 006971-40-0	17-Pentatriacontene	24.53	570	JN
6. 019047-85-9	Phosphonic acid, dioctadecyl este	25.27	1600	JN
7. 002765-11-9	Pentadecanal-	26.26	780	JN
8. 000112-95-8	Eicosane	26.66	650	JN
9. 007390-81-0	Oxirane, hexadecyl-	27.61	790	JN
10. 001599-67-3	1-Docosene	28.01	2000	JN
11.	unknown	28.65	1600	J
12.	unknown	29.48	1100	J
13.	unknown	30.47	950	J

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-130

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4472 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4472.06

Sample wt/vol: 10.08 (g/ml) G Lab File ID: BN03244.D

Level: (low/med) LOW Date Received: 5/10/99

% Moisture: 15.97 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	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-130

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4472 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4472.06

Sample wt/vol: 10.08 (g/ml) G Lab File ID: BN03244.D

Level: (low/med) LOW Date Received: 5/10/99

% Moisture: 15.97 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	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	190	JB
206-44-0	Fluoranthene	260	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	170	J
91-94-1	3,3'-Dichlorobenzidine	1200	U
218-01-9	Chrysene	330	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	150	J
53-70-3	Dibenz[a,h]anthracene	1200	U
191-24-2	Benzo[g,h,i]perylene	160	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-130

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4472 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4472.06

Sample wt/vol: 10.08 (g/ml) G Lab File ID: BN03244.D

Level: (low/med) LOW Date Received: 5/10/99

% Moisture: 15.97 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

Number TICs found: 7 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 001454-84-8	1-Nonadecanol	23.77	8200	JN
2. 006624-79-9	1-Dotriacontanol	25.26	1100	JN
3. 000629-96-9	1-Eicosanol	27.99	1400	JN
4. 000765-27-5	1-Eicosyne	28.86	520	JN
5. 000506-51-4	1-Tetracosanol	29.24	720	JN
6.	unknown	29.46	560	J
7.	unknown	30.45	490	J

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-131

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4472 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4472.08

Sample wt/vol: 10.18 (g/ml) G Lab File ID: BN03245.D

Level: (low/med) LOW Date Received: 5/10/99

% Moisture: 15.6 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	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	400	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	160	J
77-47-4	Hexachlorocyclopentadiene	1200	U
88-06-2	2,4,6-Trichlorophenol	1200	U
	2,4,5-Trichlorophenol	1200	U
91-58-7	2-Chloronaphthalene	1200	U
88-74-4	2-Nitroaniline	1200	U
131-11-3	Dimethylphthalate	1200	U
208-96-8	Acenaphthylene	1200	U
606-20-2	2,6-Dinitrotoluene	1200	U
99-09-2	3-Nitroaniline	1200	U

1C

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-131

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4472 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4472.08

Sample wt/vol: 10.18 (g/ml) G Lab File ID: BN03245.D

Level: (low/med) LOW Date Received: 5/10/99

% Moisture: 15.6 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	580	J
51-28-5	2,4-Dinitrophenol	1200	U
132-64-9	Dibenzofuran	310	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	500	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	4000	
120-12-7	Anthracene	750	J
84-74-2	Di-n-butylphthalate	810	JB
206-44-0	Fluoranthene	4200	
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	3400	
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	120	J
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo[b]fluoranthene	1300	
207-08-9	Benzo[k]fluoranthene	1300	
50-32-8	Benzo[a]pyrene	1600	
193-39-5	Indeno[1,2,3-cd]pyrene	900	J
53-70-3	Dibenz[a,h]anthracene	290	J
191-24-2	Benzo[g,h,i]perylene	930	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-131

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4472 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4472.08

Sample wt/vol: 10.18 (g/ml) G Lab File ID: BN03245.D

Level: (low/med) LOW Date Received: 5/10/99

% Moisture: 15.6 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

Number TICs found: 12 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000086-74-8	Carbazole	18.11	630	JN
2.	unknown	18.35	2100	J
3. 000203-64-5	4H-Cyclopenta[def]phenanthrene	18.88	770	JN
4. 000084-65-1	9,10-Anthracenedione	19.43	880	JN
5. 002091-29-4	9-Hexadecenoic acid	20.93	2300	JN
6.	unknown	21.08	640	J
7. 003442-78-2	Pyrene, 2-methyl-	21.61	580	JN
8. 001599-67-3	1-Docosene	23.76	4200	JN
9. 006624-79-9	1-Dotriacontanol	25.26	730	JN
10. 000205-82-3	Benzo[j]fluoranthene	26.50	1100	JN
11. 019047-85-9	Phosphonic acid, dioctadecyl este	27.99	1100	JN
12.	unknown	30.87	490	J

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-132

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4472 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4472.10

Sample wt/vol: 10.16 (g/ml) G Lab File ID: BN03248.D

Level: (low/med) LOW Date Received: 5/10/99

% Moisture: 16.4 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	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-132

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4472 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4472.10

Sample wt/vol: 10.16 (g/ml) G Lab File ID: BN03248.D

Level: (low/med) LOW Date Received: 5/10/99

% Moisture: 16.4 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	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	710	J
120-12-7	Anthracene	210	J
84-74-2	Di-n-butylphthalate	480	JB
206-44-0	Fluoranthene	1900	
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	1500	
85-68-7	Butylbenzylphthalate	1200	U
56-55-3	Benzo[a]anthracene	840	J
91-94-1	3,3'-Dichlorobenzidine	1200	U
218-01-9	Chrysene	1400	
117-81-7	bis(2-Ethylhexyl)phthalate	160	J
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo[b]fluoranthene	680	J
207-08-9	Benzo[k]fluoranthene	630	J
50-32-8	Benzo[a]pyrene	770	J
193-39-5	Indeno[1,2,3-cd]pyrene	440	J
53-70-3	Dibenz[a,h]anthracene	1200	U
191-24-2	Benzo[g,h,i]perylene	450	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-132

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4472 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4472.10

Sample wt/vol: 10.16 (g/ml) G Lab File ID: BN03248.D

Level: (low/med) LOW Date Received: 5/10/99

% Moisture: 16.4 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

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	18.34	1100	JN
2. 001002-84-2	Pentadecanoic acid	21.07	510	JN
3. 001599-67-3	1-Docosene	23.77	5800	JN
4. 006971-40-0	17-Pentatriacontene	25.27	1400	JN
5.	unknown	26.18	490	J
6.	unknown	26.26	550	J
7. 000205-82-3	Benzo[j]fluoranthene	26.50	820	JN
8.	unknown	26.69	850	J
9. 000629-96-9	1-Eicosanol	28.00	1600	JN
10.	unknown	28.86	600	J
11.	unknown	29.24	510	J

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-133

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4472 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4472.12

Sample wt/vol: 10.03 (g/ml) G Lab File ID: BN03241.D

Level: (low/med) LOW Date Received: 5/10/99

% Moisture: 6.81 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	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-133

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4472 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4472.12

Sample wt/vol: 10.03 (g/ml) G Lab File ID: BN03241.D

Level: (low/med) LOW Date Received: 5/10/99

% Moisture: 6.81 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	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	110	J
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	160	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.: 4472 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4472.12

Sample wt/vol: 10.03 (g/ml) G Lab File ID: BN03241.D

Level: (low/med) LOW Date Received: 5/10/99

% Moisture: 6.81 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

Number TICs found: 5 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 010544-50-0	Sulfur, mol. (S8)	20.01	670	JN
2. 001599-67-3	1-Docosene	23.75	6600	JN
3. 006971-40-0	17-Pentatriacontene	25.26	980	JN
4. 000629-96-9	1-Eicosanol	27.99	1300	JN
5. 006624-79-9	1-Dotriacontanol	29.22	640	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-134

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4472 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4472.14

Sample wt/vol: 10.17 (g/ml) G Lab File ID: BN03242.D

Level: (low/med) LOW Date Received: 5/10/99

% Moisture: 6.12 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

B-134

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4472 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4472.14

Sample wt/vol: 10.17 (g/ml) G Lab File ID: BN03242.D

Level: (low/med) LOW Date Received: 5/10/99

% Moisture: 6.12 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	550	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	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.

B-134

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4472 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4472.14

Sample wt/vol: 10.17 (g/ml) G Lab File ID: BN03242.D

Level: (low/med) LOW Date Received: 5/10/99

% Moisture: 6.12 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

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	1500	JN
2. 001454-84-8	1-Nonadecanol	23.76	7600	JN
3. 000506-52-5	1-Hexacosanol	25.25	1200	JN
4. 002765-11-9	Pentadecanal-	26.25	480	JN
5. 000593-49-7	Heptacosane	26.64	1100	JN
6.	unknown	27.59	700	J
7. 000000-00-0	10-Methylnonadecane	27.93	960	JN
8. 000629-96-9	1-Eicosanol	27.99	1900	JN
9.	unknown	28.62	500	J
10. 056554-86-0	17-Octadecenal	28.85	420	JN
11. 006624-79-9	1-Dotriacontanol	29.23	750	JN
12.	unknown	29.45	470	J

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-135

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4472 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4472.16

Sample wt/vol: 10.15 (g/ml) G Lab File ID: BN03243.D

Level: (low/med) LOW Date Received: 5/10/99

% Moisture: 16.16 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	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-135

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4472 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4472.16

Sample wt/vol: 10.15 (g/ml) G Lab File ID: BN03243.D

Level: (low/med) LOW Date Received: 5/10/99

% Moisture: 16.16 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	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	170	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	450	JB
206-44-0	Fluoranthene	230	J
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	200	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	290	J
117-81-7	bis(2-Ethylhexyl)phthalate	220	J
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo[b]fluoranthene	120	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-135

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4472 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4472.16

Sample wt/vol: 10.15 (g/ml) G Lab File ID: BN03243.D

Level: (low/med) LOW Date Received: 5/10/99

% Moisture: 16.16 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

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	940	JN
2.	001002-84-2	Pentadecanoic acid	21.07	1000	JN
3.	001740-19-8	1-Phenanthrenecarboxylic acid, 1	23.49	720	JN
4.	001454-84-8	1-Nonadecanol	23.76	7600	JN
5.	000112-85-6	Docosanoic acid	24.34	1000	JN
6.		unknown	24.46	2500	J
7.		unknown	24.82	850	J
8.		unknown	25.26	2800	J
9.	000057-11-4	Octadecanoic acid	25.81	810	JN
10.		unknown	26.25	1400	J
11.	001599-67-3	1-Docosene	26.68	4300	JN
12.	002765-11-9	Pentadecanal-	27.60	2800	JN
13.	000112-95-8	Eicosane	27.94	1600	JN
14.	000629-96-9	1-Eicosanol	28.00	2700	JN
15.		unknown	28.10	510	J
16.		unknown	28.63	780	J
17.	056554-86-0	17-Octadecenal	28.86	2400	JN
18.	000630-06-8	Hexatriacontane	29.15	670	JN
19.	006971-40-0	17-Pentatriacontene	29.24	1300	JN
20.		unknown	29.34	720	J
21.		unknown	29.46	1300	J
22.	052161-54-3	Benzene, 1,1'-(1,4-dimethyl-1-but	30.06	1700	JN
23.		unknown	30.19	750	J
24.		unknown	30.45	760	J
25.		unknown	30.82	500	J

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-136

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4472 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4472.18

Sample wt/vol: 10.14 (g/ml) G Lab File ID: BN03262.D

Level: (low/med) LOW Date Received: 5/10/99

% Moisture: 25.84 decanted:(Y/N) N Date Extracted: 5/13/99

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	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-136**

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4472 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4472.18

Sample wt/vol: 10.14 (g/ml) G Lab File ID: BN03262.D

Level: (low/med) LOW Date Received: 5/10/99

% Moisture: 25.84 decanted:(Y/N) N Date Extracted: 5/13/99

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	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	880	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	170	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-136

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4472 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4472.18

Sample wt/vol: 10.14 (g/ml) G Lab File ID: BN03262.D

Level: (low/med) LOW Date Received: 5/10/99

% Moisture: 25.84 decanted: (Y/N) N Date Extracted: 5/13/99

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

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	18.33	2700	JN
2. 000057-11-4	Octadecanoic acid	21.06	820	JN
3. 000629-96-9	1-Eicosanol	22.10	650	JN
4. 001454-84-8	1-Nonadecanol	23.75	9900	JN
5. 000544-63-8	Tetradecanoic acid	24.33	540	JN
6.	unknown	24.51	530	J
7. 006624-79-9	1-Dotriacontanol	25.25	1700	JN
8. 000544-85-4	Dotriacontane	27.93	730	JN
9. 001599-67-3	1-Docosene	27.98	1600	JN
10.	unknown	28.62	740	J
11. 002765-11-9	Pentadecanal-	28.84	540	JN
12. 000506-52-5	1-Hexacosanol	29.22	690	JN
13.	unknown	29.44	580	J
14.	unknown	30.43	540	J

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-137

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4472 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4472.20

Sample wt/vol: 10.18 (g/ml) G Lab File ID: BN03263.D

Level: (low/med) LOW Date Received: 5/10/99

% Moisture: 15.93 decanted:(Y/N) N Date Extracted: 5/13/99

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	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-137

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4472 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4472.20

Sample wt/vol: 10.18 (g/ml) G Lab File ID: BN03263.D

Level: (low/med) LOW Date Received: 5/10/99

% Moisture: 15.93 decanted:(Y/N) N Date Extracted: 5/13/99

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	1200	U
51-28-5	2,4-Dinitrophenol	1200	U
132-64-9	Dibenzofuran	1200	U
100-02-7	4-Nitrophenol	1200	U
121-14-2	2,4-Dinitrotoluene	1200	U
84-66-2	Diethylphthalate	1200	U
86-73-7	Fluorene	1200	U
7005-72-3	4-Chlorophenyl-phenylether	1200	U
100-01-6	4-Nitroaniline	1200	U
534-52-1	4,6-Dinitro-2-methylphenol	1200	U
86-30-6	n-Nitrosodiphenylamine	1200	U
103-33-3	Azobenzene	1200	U
101-55-3	4-Bromophenyl-phenylether	1200	U
118-74-1	Hexachlorobenzene	1200	U
87-86-5	Pentachlorophenol	1200	U
85-01-8	Phenanthrene	210	J
120-12-7	Anthracene	1200	U
84-74-2	Di-n-butylphthalate	930	JB
206-44-0	Fluoranthene	340	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	180	J
91-94-1	3,3'-Dichlorobenzidine	1200	U
218-01-9	Chrysene	340	J
117-81-7	bis(2-Ethylhexyl)phthalate	150	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	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-137

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4472 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4472.20

Sample wt/vol: 10.18 (g/ml) G Lab File ID: BN03263.D

Level: (low/med) LOW Date Received: 5/10/99

% Moisture: 15.93 decanted: (Y/N) N Date Extracted: 5/13/99

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: 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	2600	JN
2. 001454-84-8	1-Nonadecanol	23.75	6800	JN
3. 006624-79-9	1-Dotriacontanol	25.25	1900	JN
4. 002765-11-9	Pentadecanal-	26.24	980	JN
5. 018435-45-5	1-Nonadecene	26.67	1800	JN
6. 007390-81-0	Oxirane, hexadecyl-	27.59	900	JN
7. 000630-06-8	Hexatriacontane	27.93	760	JN
8. 001653-33-4	4-Tetradecanol	27.99	1700	JN
9.	unknown	28.63	750	J
10.	unknown	28.86	1100	J
11.	unknown	29.23	800	J
12.	unknown	29.46	1000	J
13.	unknown	30.45	650	J

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-138

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4472 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4472.22

Sample wt/vol: 10.19 (g/ml) G Lab File ID: BN03264.D

Level: (low/med) LOW Date Received: 5/10/99

% Moisture: 13.21 decanted:(Y/N) N Date Extracted: 5/13/99

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	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-138

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4472 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4472.22

Sample wt/vol: 10.19 (g/ml) G Lab File ID: BN03264.D

Level: (low/med) LOW Date Received: 5/10/99

% Moisture: 13.21 decanted:(Y/N) N Date Extracted: 5/13/99

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	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	230	JB
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1100	U
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-138

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4472 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4472.22

Sample wt/vol: 10.19 (g/ml) G Lab File ID: BN03264.D

Level: (low/med) LOW Date Received: 5/10/99

% Moisture: 13.21 decanted: (Y/N) N Date Extracted: 5/13/99

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

CONCENTRATION UNITS:

Number TICs found: 8 (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	520	JN
2. 001599-67-3	1-Docosene	23.75	6600	JN
3. 006624-79-9	1-Dotriacontanol	25.26	1200	JN
4.	unknown	26.67	950	J
5. 001454-84-8	1-Nonadecanol	27.98	1100	JN
6.	unknown	28.62	880	J
7.	unknown	29.22	470	J
8.	unknown	29.45	850	J

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-139

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4472 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4472.24

Sample wt/vol: 10.21 (g/ml) G Lab File ID: BN03265.D

Level: (low/med) LOW Date Received: 5/10/99

% Moisture: 17.3 decanted:(Y/N) N Date Extracted: 5/13/99

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	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-139

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4472 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4472.24

Sample wt/vol: 10.21 (g/ml) G Lab File ID: BN03265.D

Level: (low/med) LOW Date Received: 5/10/99

% Moisture: 17.3 decanted:(Y/N) N Date Extracted: 5/13/99

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	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	340	J
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	330	J
85-68-7	Butylbenzylphthalate	1200	U
56-55-3	Benzo[a]anthracene	240	J
91-94-1	3,3'-Dichlorobenzidine	1200	U
218-01-9	Chrysene	460	J
117-81-7	bis(2-Ethylhexyl)phthalate	130	J
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo[b]fluoranthene	260	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	180	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-139

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4472 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4472.24

Sample wt/vol: 10.21 (g/ml) G Lab File ID: BN03265.D

Level: (low/med) LOW Date Received: 5/10/99

% Moisture: 17.3 decanted: (Y/N) N Date Extracted: 5/13/99

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: 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	18.34	1000	JN
2.	unknown	19.84	3000	J
3.	unknown	20.56	670	J
4. 000057-11-4	Octadecanoic acid	21.07	640	JN
5. 074685-33-9	3-Eicosene, (E)-	22.11	620	JN
6. 001740-19-8	1-Phenanthrenecarboxylic acid, 1	23.50	830	JN
7. 001599-67-3	1-Docosene	23.77	9900	JN
8. 000112-85-6	Docosanoic acid	24.35	620	JN
9. 006971-40-0	17-Pentatriacontene	25.27	4800	JN
10. 000638-66-4	Octadecanal	26.26	1400	JN
11.	unknown	28.01	2200	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-140

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4472 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4472.26

Sample wt/vol: 10.07 (g/ml) G Lab File ID: BN03266.D

Level: (low/med) LOW Date Received: 5/10/99

% Moisture: 8.28 decanted:(Y/N) N Date Extracted: 5/13/99

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	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-140

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4472 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4472.26

Sample wt/vol: 10.07 (g/ml) G Lab File ID: BN03266.D

Level: (low/med) LOW Date Received: 5/10/99

% Moisture: 8.28 decanted:(Y/N) N Date Extracted: 5/13/99

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	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	230	JB
206-44-0	Fluoranthene	160	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	150	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	180	J
117-81-7	bis(2-Ethylhexyl)phthalate	210	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-140

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4472 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4472.26

Sample wt/vol: 10.07 (g/ml) G Lab File ID: BN03266.D

Level: (low/med) LOW Date Received: 5/10/99

% Moisture: 8.28 decanted: (Y/N) N Date Extracted: 5/13/99

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: 6 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.34	520	JN
2. 001002-84-2	Pentadecanoic acid	21.07	540	JN
3. 001599-67-3	1-Docosene	23.77	6800	JN
4. 006971-40-0	17-Pentatriacontene	25.27	1500	JN
5. 000630-06-8	Hexatriacontane	26.66	1200	JN
6. 001454-84-8	1-Nonadecanol	28.01	1400	JN

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-141

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4472 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4472.28

Sample wt/vol: 10.28 (g/ml) G Lab File ID: BN03273.D

Level: (low/med) LOW Date Received: 5/10/99

% Moisture: 13.09 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-141

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4472 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4472.28

Sample wt/vol: 10.28 (g/ml) G Lab File ID: BN03273.D

Level: (low/med) LOW Date Received: 5/10/99

% Moisture: 13.09 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	810	JB
206-44-0	Fluoranthene	240	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	250	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	130	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	280	J
117-81-7	bis(2-Ethylhexyl)phthalate	330	J
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	130	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.

B-141

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4472 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4472.28

Sample wt/vol: 10.28 (g/ml) G Lab File ID: BN03273.D

Level: (low/med) LOW Date Received: 5/10/99

% Moisture: 13.09 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: 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	1700	JN
2.	unknown	20.88	650	J
3. 000057-11-4	Octadecanoic acid	21.06	670	JN
4. 001454-84-8	1-Nonadecanol	22.10	840	JN
5. 000112-95-8	Eicosane	22.18	520	JN
6.	unknown	23.26	480	J
7. 001599-67-3	1-Docosene	23.76	10000	JN
8. 000506-12-7	Heptadecanoic acid	24.34	830	JN
9.	unknown	24.52	700	J
10. 056554-87-1	16-Octadecenal	24.80	680	JN
11. 006624-79-9	1-Dotriacontanol	25.27	10000	JN
12.	unknown	25.40	700	J
13. 000544-63-8	Tetradecanoic acid	25.83	3700	JN
14. 056554-87-1	16-Octadecenal	26.25	3200	JN
15. 000629-96-9	1-Eicosanol	26.68	9300	JN
16.	unknown	26.80	1400	J
17.	unknown	27.20	1500	J
18. 077899-10-6	(Z)14-Tricosenyl formate	27.60	3600	JN
19. 000638-68-6	Triacontane	27.94	2600	JN
20. 000506-52-5	1-Hexacosanol	28.00	4300	JN
21.	unknown	28.11	1700	J
22. 000124-25-4	Tetradecanal	28.87	4100	JN
23.	unknown	29.06	930	J
24. 000295-48-7	Cyclopentadecane	29.25	1700	JN
25.	unknown	29.35	2900	J

1B

FIELD ID.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-142

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4472 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4472.30

Sample wt/vol: 10.11 (g/ml) G Lab File ID: BN03270.D

Level: (low/med) LOW Date Received: 5/10/99

% Moisture: 5.3 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	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-142

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4472 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4472.30

Sample wt/vol: 10.11 (g/ml) G Lab File ID: BN03270.D

Level: (low/med) LOW Date Received: 5/10/99

% Moisture: 5.3 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	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	180	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	150	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-142

Lab Name: FMETL NJDEP: 13461

Project: 98-0211 Case No.: 4472 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4472.30

Sample wt/vol: 10.11 (g/ml) G Lab File ID: BN03270.D

Level: (low/med) LOW Date Received: 5/10/99

% Moisture: 5.3 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: 4

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 001599-67-3	1-Docosene	23.74	6400	JN
2. 000506-52-5	1-Hexacosanol	25.24	810	JN
3. 006624-79-9	1-Dotriacontanol	27.97	1000	JN
4. 006624-79-9	1-Dotriacontanol	29.21	440	JN

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-142A

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4475 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4475.02

Sample wt/vol: 11.99 (g/ml) G Lab File ID: BN03306.D

Level: (low/med) LOW Date Received: 5/11/99

% Moisture: 10.48 decanted:(Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/21/99

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	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
95-48-7	2-Methylphenol	930	U
108-60-1	bis(2-chloroisopropyl)ether	930	U
106-44-5	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
95-95-4	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

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-142 A

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4475 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4475.02

Sample wt/vol: 11.99 (g/ml) G Lab File ID: BN03306.D

Level: (low/med) LOW Date Received: 5/11/99

% Moisture: 10.48 decanted:(Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/21/99

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	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	240	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

EPA SAMPLE NO.

B-142A

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4475 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4475.02

Sample wt/vol: 11.99 (g/ml) G Lab File ID: BN03306.D

Level: (low/med) LOW Date Received: 5/11/99

% Moisture: 10.48 decanted: (Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/21/99

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	730	JN
2. 000053-19-0	Mitotane	22.12	1200	JN
3. 000050-29-3	Chlorophenothane	22.77	1600	JN
4. 000115-32-2	4,4'-Dichloro-.alpha.-(trichloromet	22.98	760	JN
5. 001599-67-3	1-Docosene	23.77	5900	JN
6. 006624-79-9	1-Dotriacontanol	25.27	1400	JN
7. 000112-92-5	1-Octadecanol	26.69	1100	JN
8. 000544-85-4	Dotriacontane	27.95	460	JN
9. 000629-96-9	1-Eicosanol	28.01	1200	JN

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-143

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4475 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4475.04

Sample wt/vol: 10.42 (g/ml) G Lab File ID: BN03313.D

Level: (low/med) LOW Date Received: 5/11/99

% Moisture: 13.16 decanted:(Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/21/99

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

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-143

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4475 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4475.04

Sample wt/vol: 10.42 (g/ml) G Lab File ID: BN03313.D

Level: (low/med) LOW Date Received: 5/11/99

% Moisture: 13.16 decanted:(Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/21/99

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	410	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-143

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4475 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4475.04

Sample wt/vol: 10.42 (g/ml) G Lab File ID: BN03313.D

Level: (low/med) LOW Date Received: 5/11/99

% Moisture: 13.16 decanted: (Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/21/99

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.	000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.33	960	JN
2.	001653-33-4	4-Tetradecanol	22.11	490	JN
3.	001599-67-3	1-Docosene	23.77	8500	JN
4.	000000-00-0	2-Ethyl-1-dodecanol	24.53	540	JN
5.	006971-40-0	17-Pentatriacontene	25.27	3000	JN
6.		unknown	25.98	650	J
7.	002765-11-9	Pentadecanal-	26.26	1400	JN
8.	000544-85-4	Dotriacontane	26.66	2700	JN
9.		unknown	27.61	1600	J
10.	000629-99-2	Pentacosane	27.95	3300	JN
11.	000629-96-9	1-Eicosanol	28.01	2700	JN
12.		unknown	28.11	920	J
13.		unknown	28.65	1600	J
14.	056554-87-1	16-Octadecenal	28.87	2600	JN
15.		unknown	29.11	770	J
16.		unknown	29.16	2500	J
17.	006971-40-0	17-Pentatriacontene	29.25	1400	JN
18.		unknown	29.36	1200	J
19.	000127-22-0	Taraxerol	29.63	3700	JN
20.		unknown	30.22	1300	J
21.		unknown	30.33	1600	J
22.		unknown	30.85	920	J

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-144

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4475 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4475.06

Sample wt/vol: 11.26 (g/ml) G Lab File ID: BN03309.D

Level: (low/med) LOW Date Received: 5/11/99

% Moisture: 18.78 decanted:(Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/21/99

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-144

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4475 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4475.06

Sample wt/vol: 11.26 (g/ml) G Lab File ID: BN03309.D

Level: (low/med) LOW Date Received: 5/11/99

% Moisture: 18.78 decanted:(Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/21/99

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	150	J
120-12-7	Anthracene	3400	
84-74-2	Di-n-butylphthalate	250	JB
206-44-0	Fluoranthene	300	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	190	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1100	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	270	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-144

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4475 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4475.06

Sample wt/vol: 11.26 (g/ml) G Lab File ID: BN03309.D

Level: (low/med) LOW Date Received: 5/11/99

% Moisture: 18.78 decanted: (Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/21/99

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. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.34	600	JN
2. 001454-84-8	1-Nonadecanol	22.12	490	JN
3. 000629-96-9	1-Eicosanol	23.77	7800	JN
4. 006971-40-0	17-Pentatriacontene	25.27	1500	JN
5. 002765-11-9	Pentadecanal-	26.27	520	JN
6. 000638-66-4	Octadecanal	27.61	1800	JN
7.	unknown	27.90	840	J
8. 000544-85-4	Dotriacontane	27.95	1400	JN
9. 001599-67-3	1-Docosene	28.01	2300	JN
10. 000544-85-4	Dotriacontane	28.41	1000	JN
11.	unknown	28.64	1200	J
12. 000124-25-4	Tetradecanal	28.88	2600	JN
13.	unknown	29.12	450	J
14. 000630-02-4	Octacosane	29.17	1600	JN
15.	unknown	29.25	1100	J
16.	unknown	29.91	1000	J

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-145

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4475 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4475.08

Sample wt/vol: 10.6 (g/ml) G Lab File ID: BN03316.D

Level: (low/med) LOW Date Received: 5/11/99

% Moisture: 40.35 decanted:(Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/21/99

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	1600	U
62-75-9	N-nitroso-dimethylamine	1600	U
62-53-3	Aniline	1600	U
108-95-2	Phenol	1600	U
111-44-4	bis(2-Chloroethyl)ether	1600	U
95-57-8	2-Chlorophenol	1600	U
541-73-1	1,3-Dichlorobenzene	1600	U
106-46-7	1,4-Dichlorobenzene	1600	U
100-51-6	Benzyl alcohol	1600	U
95-50-1	1,2-Dichlorobenzene	1600	U
95-48-7	2-Methylphenol	1600	U
108-60-1	bis(2-chloroisopropyl)ether	1600	U
106-44-5	4-Methylphenol	1600	U
621-64-7	n-Nitroso-di-n-propylamine	1600	U
67-72-1	Hexachloroethane	1600	U
98-95-3	Nitrobenzene	1600	U
78-59-1	Isophorone	1600	U
88-75-5	2-Nitrophenol	1600	U
105-67-9	2,4-Dimethylphenol	1600	U
111-91-1	bis(2-Chloroethoxy)methane	1600	U
120-83-2	2,4-Dichlorophenol	1600	U
65-85-0	Benzoic Acid	1600	U
120-82-1	1,2,4-Trichlorobenzene	1600	U
91-20-3	Naphthalene	1600	U
106-47-8	4-Chloroaniline	1600	U
87-68-3	Hexachlorobutadiene	1600	U
59-50-7	4-Chloro-3-methylphenol	1600	U
91-57-6	2-Methylnaphthalene	1600	U
77-47-4	Hexachlorocyclopentadiene	1600	U
88-06-2	2,4,6-Trichlorophenol	1600	U
95-95-4	2,4,5-Trichlorophenol	1600	U
91-58-7	2-Chloronaphthalene	1600	U
88-74-4	2-Nitroaniline	1600	U
131-11-3	Dimethylphthalate	1600	U
208-96-8	Acenaphthylene	1600	U
606-20-2	2,6-Dinitrotoluene	1600	U
99-09-2	3-Nitroaniline	1600	U

1C

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-145

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4475 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4475.08

Sample wt/vol: 10.6 (g/ml) G Lab File ID: BN03316.D

Level: (low/med) LOW Date Received: 5/11/99

% Moisture: 40.35 decanted:(Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/21/99

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	1600	U
51-28-5	2,4-Dinitrophenol	1600	U
132-64-9	Dibenzofuran	1600	U
100-02-7	4-Nitrophenol	1600	U
121-14-2	2,4-Dinitrotoluene	1600	U
84-66-2	Diethylphthalate	1600	U
86-73-7	Fluorene	1600	U
7005-72-3	4-Chlorophenyl-phenylether	1600	U
100-01-6	4-Nitroaniline	1600	U
534-52-1	4,6-Dinitro-2-methylphenol	1600	U
86-30-6	n-Nitrosodiphenylamine	1600	U
103-33-3	Azobenzene	1600	U
101-55-3	4-Bromophenyl-phenylether	1600	U
118-74-1	Hexachlorobenzene	1600	U
87-86-5	Pentachlorophenol	1600	U
85-01-8	Phenanthrene	1600	U
120-12-7	Anthracene	1600	U
84-74-2	Di-n-butylphthalate	960	JB
206-44-0	Fluoranthene	260	J
92-87-5	Benzidine	1600	U
129-00-0	Pyrene	260	J
85-68-7	Butylbenzylphthalate	1600	U
56-55-3	Benzo[a]anthracene	200	J
91-94-1	3,3'-Dichlorobenzidine	1600	U
218-01-9	Chrysene	530	J
117-81-7	bis(2-Ethylhexyl)phthalate	160	J
117-84-0	Di-n-octylphthalate	1600	U
205-99-2	Benzo[b]fluoranthene	280	J
207-08-9	Benzo[k]fluoranthene	200	J
50-32-8	Benzo[a]pyrene	210	J
193-39-5	Indeno[1,2,3-cd]pyrene	1600	U
53-70-3	Dibenz[a,h]anthracene	1600	U
191-24-2	Benzo[g,h,i]perylene	1600	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

B-145

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4475 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4475.08

Sample wt/vol: 10.6 (g/ml) G Lab File ID: BN03316.D

Level: (low/med) LOW Date Received: 5/11/99

% Moisture: 40.35 decanted: (Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/21/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 23 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000483-77-2	Naphthalene, 1,2,3,4-tetrahydro-1	14.58	940	JN
2. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.34	2000	JN
3. 000112-80-1	Oleic Acid	19.15	1100	JN
4. 000112-88-9	1-Octadecene	20.89	1700	JN
5. 000057-11-4	Octadecanoic acid	21.09	1400	JN
6.	unknown	22.54	720	J
7. 002765-11-9	Pentadecanal-	23.27	730	JN
8. 001653-33-4	4-Tetradecanol	23.77	10000	JN
9. 000112-85-6	Docosanoic acid	24.36	1300	JN
10. 006624-79-9	1-Dotriacontanol	25.28	3400	JN
11.	unknown	25.83	710	J
12. 000124-25-4	Tetradecanal	26.27	730	JN
13. 000629-96-9	1-Eicosanol	26.70	4800	JN
14. 056554-86-0	17-Octadecenal	27.61	930	JN
15. 000544-85-4	Dotriacontane	27.96	2100	JN
16. 001454-84-8	1-Nonadecanol	28.02	2400	JN
17.	unknown	28.66	1300	J
18. 005353-25-3	Ethanol, 2-(9-octadecenyloxy)-, (	28.89	1200	JN
19. 000083-47-6	.gamma.-Sitosterol	29.52	3100	JN
20.	unknown	29.89	1100	J
21.	unknown	30.12	3300	J
22.	unknown	30.38	1800	J
23.	unknown	30.52	4300	J

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-146

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4475 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4475.10

Sample wt/vol: 12.15 (g/ml) G Lab File ID: BN03315.D

Level: (low/med) LOW Date Received: 5/11/99

% Moisture: 14.44 decanted:(Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/21/99

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	960	U
62-75-9	N-nitroso-dimethylamine	960	U
62-53-3	Aniline	960	U
108-95-2	Phenol	960	U
111-44-4	bis(2-Chloroethyl)ether	960	U
95-57-8	2-Chlorophenol	960	U
541-73-1	1,3-Dichlorobenzene	960	U
106-46-7	1,4-Dichlorobenzene	960	U
100-51-6	Benzyl alcohol	960	U
95-50-1	1,2-Dichlorobenzene	960	U
95-48-7	2-Methylphenol	960	U
108-60-1	bis(2-chloroisopropyl)ether	960	U
106-44-5	4-Methylphenol	960	U
621-64-7	n-Nitroso-di-n-propylamine	960	U
67-72-1	Hexachloroethane	960	U
98-95-3	Nitrobenzene	960	U
78-59-1	Isophorone	960	U
88-75-5	2-Nitrophenol	960	U
105-67-9	2,4-Dimethylphenol	960	U
111-91-1	bis(2-Chloroethoxy)methane	960	U
120-83-2	2,4-Dichlorophenol	960	U
65-85-0	Benzoic Acid	960	U
120-82-1	1,2,4-Trichlorobenzene	960	U
91-20-3	Naphthalene	960	U
106-47-8	4-Chloroaniline	960	U
87-68-3	Hexachlorobutadiene	960	U
59-50-7	4-Chloro-3-methylphenol	960	U
91-57-6	2-Methylnaphthalene	960	U
77-47-4	Hexachlorocyclopentadiene	960	U
88-06-2	2,4,6-Trichlorophenol	960	U
95-95-4	2,4,5-Trichlorophenol	960	U
91-58-7	2-Chloronaphthalene	960	U
88-74-4	2-Nitroaniline	960	U
131-11-3	Dimethylphthalate	960	U
208-96-8	Acenaphthylene	960	U
606-20-2	2,6-Dinitrotoluene	960	U
99-09-2	3-Nitroaniline	960	U

1C

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-146

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4475 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4475.10

Sample wt/vol: 12.15 (g/ml) G Lab File ID: BN03315.D

Level: (low/med) LOW Date Received: 5/11/99

% Moisture: 14.44 decanted:(Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/21/99

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	960	U
51-28-5	2,4-Dinitrophenol	960	U
132-64-9	Dibenzofuran	960	U
100-02-7	4-Nitrophenol	960	U
121-14-2	2,4-Dinitrotoluene	960	U
84-66-2	Diethylphthalate	960	U
86-73-7	Fluorene	960	U
7005-72-3	4-Chlorophenyl-phenylether	960	U
100-01-6	4-Nitroaniline	960	U
534-52-1	4,6-Dinitro-2-methylphenol	960	U
86-30-6	n-Nitrosodiphenylamine	960	U
103-33-3	Azobenzene	960	U
101-55-3	4-Bromophenyl-phenylether	960	U
118-74-1	Hexachlorobenzene	960	U
87-86-5	Pentachlorophenol	960	U
85-01-8	Phenanthrene	960	U
120-12-7	Anthracene	960	U
84-74-2	Di-n-butylphthalate	220	JB
206-44-0	Fluoranthene	180	J
92-87-5	Benzidine	960	U
129-00-0	Pyrene	170	J
85-68-7	Butylbenzylphthalate	960	U
56-55-3	Benzo[a]anthracene	110	J
91-94-1	3,3'-Dichlorobenzidine	960	U
218-01-9	Chrysene	210	J
117-81-7	bis(2-Ethylhexyl)phthalate	960	U
117-84-0	Di-n-octylphthalate	960	U
205-99-2	Benzo[b]fluoranthene	110	J
207-08-9	Benzo[k]fluoranthene	960	U
50-32-8	Benzo[a]pyrene	110	J
193-39-5	Indeno[1,2,3-cd]pyrene	960	U
53-70-3	Dibenz[a,h]anthracene	960	U
191-24-2	Benzo[g,h,i]perylene	960	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

B-146

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4475 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4475.10

Sample wt/vol: 12.15 (g/ml) G Lab File ID: BN03315.D

Level: (low/med) LOW Date Received: 5/11/99

% Moisture: 14.44 decanted: (Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/21/99

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. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.33	520	JN
2. 010544-50-0	Sulfur, mol. (S8)	20.05	620	JN
3. 000629-96-9	1-Eicosanol	23.77	5900	JN
4. 002461-18-9	Oxirane, [(dodecyloxy)methyl]-	25.27	1400	JN
5. 000000-00-0	1,15-Pentadecanediol	26.27	800	JN
6. 000638-66-4	Octadecanal	27.61	1100	JN
7. 000544-85-4	Dotriacontane	27.96	2200	JN
8.	unknown	28.02	1600	J
9.	unknown	28.66	690	J
10. 056554-86-0	17-Octadecenal	28.88	2100	JN
11.	unknown	29.11	760	J
12.	unknown	29.26	800	J
13.	unknown	29.37	590	J
14. 000083-47-6	.gamma.-Sitosterol	29.50	1500	JN
15. 000058-22-0	Testosterone	30.49	990	JN

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-147

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4475 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4475.12

Sample wt/vol: 10.75 (g/ml) G Lab File ID: BN03314.D

Level: (low/med) LOW Date Received: 5/11/99

% Moisture: 10.51 decanted:(Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/21/99

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-147

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4475 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4475.12

Sample wt/vol: 10.75 (g/ml) G Lab File ID: BN03314.D

Level: (low/med) LOW Date Received: 5/11/99

% Moisture: 10.51 decanted:(Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/21/99

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	670	JB
206-44-0	Fluoranthene	120	J
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	130	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	170	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-147

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4475 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4475.12

Sample wt/vol: 10.75 (g/ml) G Lab File ID: BN03314.D

Level: (low/med) LOW Date Received: 5/11/99

% Moisture: 10.51 decanted: (Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/21/99

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	18.34	2200	JN
2. 019047-85-9	Phosphonic acid, dioctadecyl este	23.77	6500	JN
3. 006971-40-0	17-Pentatriacontene	25.27	1300	JN
4. 000544-85-4	Dotriacontane	26.66	1300	JN
5.	unknown	27.61	420	J
6. 000630-02-4	Octacosane	27.95	830	JN
7. 000629-96-9	1-Eicosanol	28.01	1500	JN
8.	unknown	28.65	810	J
9. 002765-11-9	Pentadecanal-	28.88	430	JN
10.	unknown	29.25	510	J
11.	unknown	29.49	910	J
12. 000058-22-0	Testosterone	30.49	710	JN

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-148

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4475 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4475.14

Sample wt/vol: 11.35 (g/ml) G Lab File ID: BN03310.D

Level: (low/med) LOW Date Received: 5/11/99

% Moisture: 5.35 decanted:(Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/21/99

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	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
95-48-7	2-Methylphenol	930	U
108-60-1	bis(2-chloroisopropyl)ether	930	U
106-44-5	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
95-95-4	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

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-148

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4475 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4475.14

Sample wt/vol: 11.35 (g/ml) G Lab File ID: BN03310.D

Level: (low/med) LOW Date Received: 5/11/99

% Moisture: 5.35 decanted:(Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/21/99

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	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	580	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

EPA SAMPLE NO.

B-148

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4475 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4475.14

Sample wt/vol: 11.35 (g/ml) G Lab File ID: BN03310.D

Level: (low/med) LOW Date Received: 5/11/99

% Moisture: 5.35 decanted: (Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/21/99

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.		unknown	11.54	400	J
2.	000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.34	1900	JN
3.	001599-67-3	1-Docosene	23.76	6000	JN
4.	006624-79-9	1-Dotriacontanol	25.27	780	JN
5.	000629-96-9	1-Eicosanol	28.00	1100	JN
6.		unknown	28.64	580	J
7.	006971-40-0	17-Pentatriacontene	29.24	440	JN

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-149

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4475 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4475.16

Sample wt/vol: 12.96 (g/ml) G Lab File ID: BN03311.D

Level: (low/med) LOW Date Received: 5/11/99

% Moisture: 6.02 decanted:(Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/21/99

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	820	U
62-75-9	N-nitroso-dimethylamine	820	U
62-53-3	Aniline	820	U
108-95-2	Phenol	820	U
111-44-4	bis(2-Chloroethyl)ether	820	U
95-57-8	2-Chlorophenol	820	U
541-73-1	1,3-Dichlorobenzene	820	U
106-46-7	1,4-Dichlorobenzene	820	U
100-51-6	Benzyl alcohol	820	U
95-50-1	1,2-Dichlorobenzene	820	U
95-48-7	2-Methylphenol	820	U
108-60-1	bis(2-chloroisopropyl)ether	820	U
106-44-5	4-Methylphenol	820	U
621-64-7	n-Nitroso-di-n-propylamine	820	U
67-72-1	Hexachloroethane	820	U
98-95-3	Nitrobenzene	820	U
78-59-1	Isophorone	820	U
88-75-5	2-Nitrophenol	820	U
105-67-9	2,4-Dimethylphenol	820	U
111-91-1	bis(2-Chloroethoxy)methane	820	U
120-83-2	2,4-Dichlorophenol	820	U
65-85-0	Benzoic Acid	820	U
120-82-1	1,2,4-Trichlorobenzene	820	U
91-20-3	Naphthalene	820	U
106-47-8	4-Chloroaniline	820	U
87-68-3	Hexachlorobutadiene	820	U
59-50-7	4-Chloro-3-methylphenol	820	U
91-57-6	2-Methylnaphthalene	820	U
77-47-4	Hexachlorocyclopentadiene	820	U
88-06-2	2,4,6-Trichlorophenol	820	U
95-95-4	2,4,5-Trichlorophenol	820	U
91-58-7	2-Chloronaphthalene	820	U
88-74-4	2-Nitroaniline	820	U
131-11-3	Dimethylphthalate	820	U
208-96-8	Acenaphthylene	820	U
606-20-2	2,6-Dinitrotoluene	820	U
99-09-2	3-Nitroaniline	820	U

1C

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-149

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4475 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4475.16

Sample wt/vol: 12.96 (g/ml) G Lab File ID: BN03311.D

Level: (low/med) LOW Date Received: 5/11/99

% Moisture: 6.02 decanted:(Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/21/99

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	820	U
51-28-5	2,4-Dinitrophenol	820	U
132-64-9	Dibenzofuran	820	U
100-02-7	4-Nitrophenol	820	U
121-14-2	2,4-Dinitrotoluene	820	U
84-66-2	Diethylphthalate	820	U
86-73-7	Fluorene	820	U
7005-72-3	4-Chlorophenyl-phenylether	820	U
100-01-6	4-Nitroaniline	820	U
534-52-1	4,6-Dinitro-2-methylphenol	820	U
86-30-6	n-Nitrosodiphenylamine	820	U
103-33-3	Azobenzene	820	U
101-55-3	4-Bromophenyl-phenylether	820	U
118-74-1	Hexachlorobenzene	820	U
87-86-5	Pentachlorophenol	820	U
85-01-8	Phenanthrene	820	U
120-12-7	Anthracene	820	U
84-74-2	Di-n-butylphthalate	520	JB
206-44-0	Fluoranthene	820	U
92-87-5	Benzidine	820	U
129-00-0	Pyrene	820	U
85-68-7	Butylbenzylphthalate	820	U
56-55-3	Benzo[a]anthracene	820	U
91-94-1	3,3'-Dichlorobenzidine	820	U
218-01-9	Chrysene	820	U
117-81-7	bis(2-Ethylhexyl)phthalate	820	U
117-84-0	Di-n-octylphthalate	820	U
205-99-2	Benzo[b]fluoranthene	820	U
207-08-9	Benzo[k]fluoranthene	820	U
50-32-8	Benzo[a]pyrene	820	U
193-39-5	Indeno[1,2,3-cd]pyrene	820	U
53-70-3	Dibenz[a,h]anthracene	820	U
191-24-2	Benzo[g,h,i]perylene	820	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

B-149

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4475 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4475.16

Sample wt/vol: 12.96 (g/ml) G Lab File ID: BN03311.D

Level: (low/med) LOW Date Received: 5/11/99

% Moisture: 6.02 decanted: (Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/21/99

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. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.34	1000	JN
2. 000629-96-9	1-Eicosanol	23.76	4200	JN
3. 006971-40-0	17-Pentatriacontene	25.27	530	JN
4. 000506-51-4	1-Tetracosanol	26.68	350	JN
5. 000506-52-5	1-Hexacosanol	28.00	830	JN
6.	unknown	28.64	460	J

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-150

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4475 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4475.18

Sample wt/vol: 10.73 (g/ml) G Lab File ID: BN03317.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: 5/21/99

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-150

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4475 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4475.18

Sample wt/vol: 10.73 (g/ml) G Lab File ID: BN03317.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: 5/21/99

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	820	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	130	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	110	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-150

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4475 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4475.18

Sample wt/vol: 10.73 (g/ml) G Lab File ID: BN03317.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: 5/21/99

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	18.35	2500	JN
2. 000629-96-9	1-Eicosanol	23.76	5300	JN
3. 002461-18-9	Oxirane, [(dodecyloxy)methyl]-	25.28	2100	JN
4.	unknown	26.27	790	J
5. 056554-86-0	17-Octadecenal	27.61	1900	JN
6. 000638-68-6	Triacontane	27.96	1300	JN
7. 074685-30-6	5-Eicosene, (E)-	28.02	1200	JN
8.	unknown	28.12	430	J
9.	unknown	28.65	820	J
10. 000638-66-4	Octadecanal	28.88	2100	JN
11.	unknown	29.36	680	J

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-151

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4475 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4475.20

Sample wt/vol: 9.38 (g/ml) G Lab File ID: BN03336.D

Level: (low/med) LOW Date Received: 5/11/99

% Moisture: 16.63 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	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-151

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4475 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4475.20

Sample wt/vol: 9.38 (g/ml) G Lab File ID: BN03336.D

Level: (low/med) LOW Date Received: 5/11/99

% Moisture: 16.63 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	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	170	J
84-74-2	Di-n-butylphthalate	830	JB
206-44-0	Fluoranthene	840	J
92-87-5	Benzidine	1300	U
129-00-0	Pyrene	610	J
85-68-7	Butylbenzylphthalate	1300	U
56-55-3	Benzo[a]anthracene	360	J
91-94-1	3,3'-Dichlorobenzidine	1300	U
218-01-9	Chrysene	620	J
117-81-7	bis(2-Ethylhexyl)phthalate	180	J
117-84-0	Di-n-octylphthalate	1300	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	180	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

EPA SAMPLE NO.

B-151

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4475 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4475.20

Sample wt/vol: 9.38 (g/ml) G Lab File ID: BN03336.D

Level: (low/med) LOW Date Received: 5/11/99

% Moisture: 16.63 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: 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	2200	JN
2. 036653-82-4	1-Hexadecanol	20.34	550	JN
3. 000057-11-4	Octadecanoic acid	21.08	760	JN
4. 001454-84-8	1-Nonadecanol	23.77	6300	JN
5. 006971-40-0	17-Pentatriacontene	25.28	1200	JN
6.	unknown	26.21	530	J
7.	unknown	28.65	1200	J

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-152

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4475 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4475.22

Sample wt/vol: 12.12 (g/ml) G Lab File ID: BN03318.D

Level: (low/med) LOW Date Received: 5/11/99

% Moisture: 14.76 decanted:(Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/21/99

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	970	U
62-75-9	N-nitroso-dimethylamine	970	U
62-53-3	Aniline	970	U
108-95-2	Phenol	970	U
111-44-4	bis(2-Chloroethyl)ether	970	U
95-57-8	2-Chlorophenol	970	U
541-73-1	1,3-Dichlorobenzene	970	U
106-46-7	1,4-Dichlorobenzene	970	U
100-51-6	Benzyl alcohol	970	U
95-50-1	1,2-Dichlorobenzene	970	U
95-48-7	2-Methylphenol	970	U
108-60-1	bis(2-chloroisopropyl)ether	970	U
106-44-5	4-Methylphenol	970	U
621-64-7	n-Nitroso-di-n-propylamine	970	U
67-72-1	Hexachloroethane	970	U
98-95-3	Nitrobenzene	970	U
78-59-1	Isophorone	970	U
88-75-5	2-Nitrophenol	970	U
105-67-9	2,4-Dimethylphenol	970	U
111-91-1	bis(2-Chloroethoxy)methane	970	U
120-83-2	2,4-Dichlorophenol	970	U
65-85-0	Benzoic Acid	970	U
120-82-1	1,2,4-Trichlorobenzene	970	U
91-20-3	Naphthalene	970	U
106-47-8	4-Chloroaniline	970	U
87-68-3	Hexachlorobutadiene	970	U
59-50-7	4-Chloro-3-methylphenol	970	U
91-57-6	2-Methylnaphthalene	970	U
77-47-4	Hexachlorocyclopentadiene	970	U
88-06-2	2,4,6-Trichlorophenol	970	U
95-95-4	2,4,5-Trichlorophenol	970	U
91-58-7	2-Chloronaphthalene	970	U
88-74-4	2-Nitroaniline	970	U
131-11-3	Dimethylphthalate	970	U
208-96-8	Acenaphthylene	970	U
606-20-2	2,6-Dinitrotoluene	970	U
99-09-2	3-Nitroaniline	970	U

1C

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-152

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4475 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4475.22

Sample wt/vol: 12.12 (g/ml) G Lab File ID: BN03318.D

Level: (low/med) LOW Date Received: 5/11/99

% Moisture: 14.76 decanted:(Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/21/99

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	260	J
51-28-5	2,4-Dinitrophenol	970	U
132-64-9	Dibenzofuran	140	J
100-02-7	4-Nitrophenol	970	U
121-14-2	2,4-Dinitrotoluene	970	U
84-66-2	Diethylphthalate	970	U
86-73-7	Fluorene	310	J
7005-72-3	4-Chlorophenyl-phenylether	970	U
100-01-6	4-Nitroaniline	970	U
534-52-1	4,6-Dinitro-2-methylphenol	970	U
86-30-6	n-Nitrosodiphenylamine	970	U
103-33-3	Azobenzene	970	U
101-55-3	4-Bromophenyl-phenylether	970	U
118-74-1	Hexachlorobenzene	970	U
87-86-5	Pentachlorophenol	970	U
85-01-8	Phenanthrene	4100	
120-12-7	Anthracene	990	
84-74-2	Di-n-butylphthalate	650	JB
206-44-0	Fluoranthene	6200	
92-87-5	Benzidine	970	U
129-00-0	Pyrene	4400	
85-68-7	Butylbenzylphthalate	970	U
56-55-3	Benzo[a]anthracene	2400	
91-94-1	3,3'-Dichlorobenzidine	970	U
218-01-9	Chrysene	3700	
117-81-7	bis(2-Ethylhexyl)phthalate	970	U
117-84-0	Di-n-octylphthalate	970	U
205-99-2	Benzo[b]fluoranthene	1900	
207-08-9	Benzo[k]fluoranthene	1300	
50-32-8	Benzo[a]pyrene	1900	
193-39-5	Indeno[1,2,3-cd]pyrene	1100	
53-70-3	Dibenz[a,h]anthracene	280	J
191-24-2	Benzo[g,h,i]perylene	1000	

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
B-152

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4475 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4475.22

Sample wt/vol: 12.12 (g/ml) G Lab File ID: BN03318.D

Level: (low/med) LOW Date Received: 5/11/99

% Moisture: 14.76 decanted: (Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/21/99

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. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.34	1500	JN
2. 000613-12-7	Anthracene, 2-methyl-	18.67	480	JN
3. 002531-84-2	Phenanthrene, 2-methyl-	18.73	550	JN
4. 000203-64-5	4H-Cyclopenta[def]phenanthrene	18.90	580	JN
5. 000238-84-6	11H-Benzo[a]fluorene	21.64	480	JN
6.	unknown	23.15	510	J
7. 002461-18-9	Oxirane, [(dodecyloxy)methyl]-	25.27	1000	JN
8. 000192-97-2	Benzo[e]pyrene	26.23	650	JN
9. 056554-91-7	12-Octadecenal	26.28	580	JN
10. 000205-82-3	Benzo[j]fluoranthene	26.57	1300	JN
11. 000638-66-4	Octadecanal	27.61	930	JN
12. 000112-95-8	Eicosane	27.96	930	JN
13. 000629-96-9	1-Eicosanol	28.02	740	JN
14.	unknown	28.66	670	J
15. 000124-25-4	Tetradecanal	28.88	620	JN
16.	unknown	29.51	1100	J
17.	unknown	30.50	810	J

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-153

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4475 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4475.24

Sample wt/vol: 9.33 (g/ml) G Lab File ID: BN03312.D

Level: (low/med) LOW Date Received: 5/11/99

% Moisture: 25.73 decanted:(Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/21/99

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	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
95-48-7	2-Methylphenol	1400	U
108-60-1	bis(2-chloroisopropyl)ether	1400	U
106-44-5	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
95-95-4	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

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-153

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4475 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4475.24

Sample wt/vol: 9.33 (g/ml) G Lab File ID: BN03312.D

Level: (low/med) LOW Date Received: 5/11/99

% Moisture: 25.73 decanted:(Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/21/99

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	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	900	JB
206-44-0	Fluoranthene	180	J
92-87-5	Benzidine	1400	U
129-00-0	Pyrene	160	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	1400	U
117-81-7	bis(2-Ethylhexyl)phthalate	1400	U
117-84-0	Di-n-octylphthalate	1400	U
205-99-2	Benzo[b]fluoranthene	1400	U
207-08-9	Benzo[k]fluoranthene	1400	U
50-32-8	Benzo[a]pyrene	1400	U
193-39-5	Indeno[1,2,3-cd]pyrene	1400	U
53-70-3	Dibenz[a,h]anthracene	1400	U
191-24-2	Benzo[g,h,i]perylene	1400	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

B-153

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4475 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4475.24

Sample wt/vol: 9.33 (g/ml) G Lab File ID: BN03312.D

Level: (low/med) LOW Date Received: 5/11/99

% Moisture: 25.73 decanted: (Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/21/99

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	2400	JN
2. 010544-50-0	Sulfur, mol. (S8)	20.04	1000	JN
3. 001599-67-3	1-Docosene	23.75	3500	JN
4. 002461-18-9	Oxirane, [(dodecyloxy)methyl]-	25.27	1200	JN
5.	unknown	26.26	690	J
6. 006971-40-0	17-Pentatriacontene	26.68	2500	JN
7. 002765-11-9	Pentadecanal-	27.60	880	JN
8. 007098-22-8	Tetratetracontane	27.95	1200	JN
9. 000629-96-9	1-Eicosanol	28.01	2000	JN
10.	unknown	28.87	1400	J
11.	unknown	29.10	760	J
12.	unknown	29.48	1800	J
13. 000000-00-0	Phenanthro[9,10-c]furan	30.08	870	JN
14. 000058-22-0	Testosterone	30.48	1100	JN

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-154

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4475 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4475.26

Sample wt/vol: 11.94 (g/ml) G Lab File ID: BN03320.D

Level: (low/med) LOW Date Received: 5/11/99

% Moisture: 11.81 decanted:(Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/21/99

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	950	U
62-75-9	N-nitroso-dimethylamine	950	U
62-53-3	Aniline	950	U
108-95-2	Phenol	950	U
111-44-4	bis(2-Chloroethyl)ether	950	U
95-57-8	2-Chlorophenol	950	U
541-73-1	1,3-Dichlorobenzene	950	U
106-46-7	1,4-Dichlorobenzene	950	U
100-51-6	Benzyl alcohol	950	U
95-50-1	1,2-Dichlorobenzene	950	U
95-48-7	2-Methylphenol	950	U
108-60-1	bis(2-chloroisopropyl)ether	950	U
106-44-5	4-Methylphenol	950	U
621-64-7	n-Nitroso-di-n-propylamine	950	U
67-72-1	Hexachloroethane	950	U
98-95-3	Nitrobenzene	950	U
78-59-1	Isophorone	950	U
88-75-5	2-Nitrophenol	950	U
105-67-9	2,4-Dimethylphenol	950	U
111-91-1	bis(2-Chloroethoxy)methane	950	U
120-83-2	2,4-Dichlorophenol	950	U
65-85-0	Benzoic Acid	950	U
120-82-1	1,2,4-Trichlorobenzene	950	U
91-20-3	Naphthalene	950	U
106-47-8	4-Chloroaniline	950	U
87-68-3	Hexachlorobutadiene	950	U
59-50-7	4-Chloro-3-methylphenol	950	U
91-57-6	2-Methylnaphthalene	950	U
77-47-4	Hexachlorocyclopentadiene	950	U
88-06-2	2,4,6-Trichlorophenol	950	U
95-95-4	2,4,5-Trichlorophenol	950	U
91-58-7	2-Chloronaphthalene	950	U
88-74-4	2-Nitroaniline	950	U
131-11-3	Dimethylphthalate	950	U
208-96-8	Acenaphthylene	950	U
606-20-2	2,6-Dinitrotoluene	950	U
99-09-2	3-Nitroaniline	950	U

1C

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-154

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4475 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4475.26

Sample wt/vol: 11.94 (g/ml) G Lab File ID: BN03320.D

Level: (low/med) LOW Date Received: 5/11/99

% Moisture: 11.81 decanted:(Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/21/99

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	950	U
51-28-5	2,4-Dinitrophenol	950	U
132-64-9	Dibenzofuran	950	U
100-02-7	4-Nitrophenol	950	U
121-14-2	2,4-Dinitrotoluene	950	U
84-66-2	Diethylphthalate	950	U
86-73-7	Fluorene	950	U
7005-72-3	4-Chlorophenyl-phenylether	950	U
100-01-6	4-Nitroaniline	950	U
534-52-1	4,6-Dinitro-2-methylphenol	950	U
86-30-6	n-Nitrosodiphenylamine	950	U
103-33-3	Azobenzene	950	U
101-55-3	4-Bromophenyl-phenylether	950	U
118-74-1	Hexachlorobenzene	950	U
87-86-5	Pentachlorophenol	950	U
85-01-8	Phenanthrene	170	J
120-12-7	Anthracene	950	U
84-74-2	Di-n-butylphthalate	760	JB
206-44-0	Fluoranthene	270	J
92-87-5	Benzidine	950	U
129-00-0	Pyrene	290	J
85-68-7	Butylbenzylphthalate	950	U
56-55-3	Benzo[a]anthracene	130	J
91-94-1	3,3'-Dichlorobenzidine	950	U
218-01-9	Chrysene	280	J
117-81-7	bis(2-Ethylhexyl)phthalate	350	J
117-84-0	Di-n-octylphthalate	950	U
205-99-2	Benzo[b]fluoranthene	170	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	950	U
53-70-3	Dibenz[a,h]anthracene	950	U
191-24-2	Benzo[g,h,i]perylene	950	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

B-154

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4475 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4475.26

Sample wt/vol: 11.94 (g/ml) G Lab File ID: BN03320.D

Level: (low/med) LOW Date Received: 5/11/99

% Moisture: 11.81 decanted: (Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/21/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

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. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.35	1700	JN

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-155

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4475 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4475.28

Sample wt/vol: 11.69 (g/ml) G Lab File ID: BN03319.D

Level: (low/med) LOW Date Received: 5/11/99

% Moisture: 7.6 decanted:(Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/21/99

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	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
95-48-7	2-Methylphenol	930	U
108-60-1	bis(2-chloroisopropyl)ether	930	U
106-44-5	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
95-95-4	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

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-155

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4475 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4475.28

Sample wt/vol: 11.69 (g/ml) G Lab File ID: BN03319.D

Level: (low/med) LOW Date Received: 5/11/99

% Moisture: 7.6 decanted:(Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/21/99

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	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	640	JB
206-44-0	Fluoranthene	120	J
92-87-5	Benzidine	930	U
129-00-0	Pyrene	130	J
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

EPA SAMPLE NO.

B-155

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4475 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4475.28

Sample wt/vol: 11.69 (g/ml) G Lab File ID: BN03319.D

Level: (low/med) LOW Date Received: 5/11/99

% Moisture: 7.6 decanted: (Y/N) N Date Extracted: 5/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 5/21/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 20 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	12.68	460	JN
2. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.35	2300	JN
3. 000544-63-8	Tetradecanoic acid	21.08	460	JN
4. 001454-85-9	1-Heptadecanol	22.12	500	JN
5.	unknown	22.82	1700	J
6. 001599-67-3	1-Docosene	23.78	6600	JN
7. 000000-00-0	2-Hexyl-1-decanol	24.54	490	JN
8. 002765-11-9	Pentadecanal-	24.82	380	JN
9.	unknown	25.28	3200	J
10. 000057-11-4	Octadecanoic acid	25.84	500	JN
11. 007390-81-0	Oxirane, hexadecyl-	26.27	1200	JN
12. 000593-45-3	Octadecane	26.67	2300	JN
13. 056554-86-0	17-Octadecenal	27.62	1500	JN
14. 000646-31-1	Tetracosane	27.96	1300	JN
15. 001653-33-4	4-Tetradecanol	28.02	1900	JN
16.	unknown	28.13	730	J
17.	unknown	28.66	750	J
18. 000629-80-1	Hexadecanal	28.89	1900	JN
19. 006971-40-0	17-Pentatriacontene	29.26	610	JN
20.	unknown	29.37	1100	J

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-156

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4475 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4475.30

Sample wt/vol: 10.36 (g/ml) G Lab File ID: BN03327.D

Level: (low/med) LOW Date Received: 5/11/99

% Moisture: 13.78 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-156

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4475 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4475.30

Sample wt/vol: 10.36 (g/ml) G Lab File ID: BN03327.D

Level: (low/med) LOW Date Received: 5/11/99

% Moisture: 13.78 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	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

EPA SAMPLE NO.

B-156

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4475 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4475.30

Sample wt/vol: 10.36 (g/ml) G Lab File ID: BN03327.D

Level: (low/med) LOW Date Received: 5/11/99

% Moisture: 13.78 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: 11 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 001002-84-2	Pentadecanoic acid	19.24	990	JN
2. 000053-19-0	Mitotane	22.11	1300	JN
3. 000050-29-3	Chlorophenothane	22.76	770	JN
4. 000115-32-2	4,4'-Dichloro-.alpha.-(trichloromet	22.98	530	JN
5. 001599-67-3	1-Docosene	23.76	6300	JN
6. 006971-40-0	17-Pentatriacontene	25.26	950	JN
7. 000630-07-9	Pentatriacontane	26.65	490	JN
8. 000630-06-8	Hexatriacontane	27.94	880	JN
9. 000629-96-9	1-Eicosanol	28.00	900	JN
10.	unknown	28.63	880	J
11.	unknown	29.15	920	J

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-157

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4475 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4475.32

Sample wt/vol: 11.57 (g/ml) G Lab File ID: BN03332.D

Level: (low/med) LOW Date Received: 5/11/99

% Moisture: 11.17 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	970	U
62-75-9	N-nitroso-dimethylamine	970	U
62-53-3	Aniline	970	U
108-95-2	Phenol	970	U
111-44-4	bis(2-Chloroethyl)ether	970	U
95-57-8	2-Chlorophenol	970	U
541-73-1	1,3-Dichlorobenzene	970	U
106-46-7	1,4-Dichlorobenzene	970	U
100-51-6	Benzyl alcohol	970	U
95-50-1	1,2-Dichlorobenzene	970	U
95-48-7	2-Methylphenol	970	U
108-60-1	bis(2-chloroisopropyl)ether	970	U
106-44-5	4-Methylphenol	970	U
621-64-7	n-Nitroso-di-n-propylamine	970	U
67-72-1	Hexachloroethane	970	U
98-95-3	Nitrobenzene	970	U
78-59-1	Isophorone	970	U
88-75-5	2-Nitrophenol	970	U
105-67-9	2,4-Dimethylphenol	970	U
111-91-1	bis(2-Chloroethoxy)methane	970	U
120-83-2	2,4-Dichlorophenol	970	U
65-85-0	Benzoic Acid	970	U
120-82-1	1,2,4-Trichlorobenzene	970	U
91-20-3	Naphthalene	970	U
106-47-8	4-Chloroaniline	970	U
87-68-3	Hexachlorobutadiene	970	U
59-50-7	4-Chloro-3-methylphenol	970	U
91-57-6	2-Methylnaphthalene	970	U
77-47-4	Hexachlorocyclopentadiene	970	U
88-06-2	2,4,6-Trichlorophenol	970	U
95-95-4	2,4,5-Trichlorophenol	970	U
91-58-7	2-Chloronaphthalene	970	U
88-74-4	2-Nitroaniline	970	U
131-11-3	Dimethylphthalate	970	U
208-96-8	Acenaphthylene	970	U
606-20-2	2,6-Dinitrotoluene	970	U
99-09-2	3-Nitroaniline	970	U

1C

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-157

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4475 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4475.32

Sample wt/vol: 11.57 (g/ml) G Lab File ID: BN03332.D

Level: (low/med) LOW Date Received: 5/11/99

% Moisture: 11.17 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	970	U
51-28-5	2,4-Dinitrophenol	970	U
132-64-9	Dibenzofuran	970	U
100-02-7	4-Nitrophenol	970	U
121-14-2	2,4-Dinitrotoluene	970	U
84-66-2	Diethylphthalate	970	U
86-73-7	Fluorene	970	U
7005-72-3	4-Chlorophenyl-phenylether	970	U
100-01-6	4-Nitroaniline	970	U
534-52-1	4,6-Dinitro-2-methylphenol	970	U
86-30-6	n-Nitrosodiphenylamine	970	U
103-33-3	Azobenzene	970	U
101-55-3	4-Bromophenyl-phenylether	970	U
118-74-1	Hexachlorobenzene	970	U
87-86-5	Pentachlorophenol	970	U
85-01-8	Phenanthrene	970	U
120-12-7	Anthracene	970	U
84-74-2	Di-n-butylphthalate	1000	B
206-44-0	Fluoranthene	150	J
92-87-5	Benzidine	970	U
129-00-0	Pyrene	130	J
85-68-7	Butylbenzylphthalate	970	U
56-55-3	Benzo[a]anthracene	970	U
91-94-1	3,3'-Dichlorobenzidine	970	U
218-01-9	Chrysene	170	J
117-81-7	bis(2-Ethylhexyl)phthalate	970	U
117-84-0	Di-n-octylphthalate	970	U
205-99-2	Benzo[b]fluoranthene	970	U
207-08-9	Benzo[k]fluoranthene	970	U
50-32-8	Benzo[a]pyrene	99	J
193-39-5	Indeno[1,2,3-cd]pyrene	970	U
53-70-3	Dibenz[a,h]anthracene	970	U
191-24-2	Benzo[g,h,i]perylene	970	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

B-157

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4475 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4475.32

Sample wt/vol: 11.57 (g/ml) G Lab File ID: BN03332.D

Level: (low/med) LOW Date Received: 5/11/99

% Moisture: 11.17 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: 13 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		unknown	12.68	400	J
2.	000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.33	2600	JN
3.		unknown	22.11	710	J
4.		unknown	22.99	500	J
5.	019047-85-9	Phosphonic acid, dioctadecyl este	23.76	4700	JN
6.	000057-11-4	Octadecanoic acid	24.35	590	JN
7.	002461-18-9	Oxirane, [(dodecyloxy)methyl]-	25.27	1500	JN
8.	000638-66-4	Octadecanal	26.27	590	JN
9.	056554-86-0	17-Octadecenal	27.61	1100	JN
10.	000544-85-4	Dotriacontane	27.95	860	JN
11.	000629-96-9	1-Eicosanol	28.02	810	JN
12.		unknown	28.65	770	J
13.	056554-87-1	16-Octadecenal	28.88	1200	JN

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-158

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4485 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4485.02

Sample wt/vol: 10.01 (g/ml) G Lab File ID: BN03367.D

Level: (low/med) LOW Date Received: 5/14/99

% Moisture: 28.3 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	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
95-48-7	2-Methylphenol	1400	U
108-60-1	bis(2-chloroisopropyl)ether	1400	U
106-44-5	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
95-95-4	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

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-158

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4485 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4485.02

Sample wt/vol: 10.01 (g/ml) G Lab File ID: BN03367.D

Level: (low/med) LOW Date Received: 5/14/99

% Moisture: 28.3 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	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	1200	J
120-12-7	Anthracene	310	J
84-74-2	Di-n-butylphthalate	210	JB
206-44-0	Fluoranthene	2600	
92-87-5	Benzidine	1400	U
129-00-0	Pyrene	1800	
85-68-7	Butylbenzylphthalate	1400	U
56-55-3	Benzo[a]anthracene	980	J
91-94-1	3,3'-Dichlorobenzidine	1400	U
218-01-9	Chrysene	1400	
117-81-7	bis(2-Ethylhexyl)phthalate	200	J
117-84-0	Di-n-octylphthalate	1400	U
205-99-2	Benzo[b]fluoranthene	850	J
207-08-9	Benzo[k]fluoranthene	630	J
50-32-8	Benzo[a]pyrene	840	J
193-39-5	Indeno[1,2,3-cd]pyrene	500	J
53-70-3	Dibenz[a,h]anthracene	1400	U
191-24-2	Benzo[g,h,i]perylene	460	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

B-158

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4485 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4485.02

Sample wt/vol: 10.01 (g/ml) G Lab File ID: BN03367.D

Level: (low/med) LOW Date Received: 5/14/99

% Moisture: 28.3 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: 16 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000944-78-5	Benzene, 1,2,4,5-tetrachloro-3,6-	16.84	1600	JN
2. 001002-84-2	Pentadecanoic acid	21.08	870	JN
3. 000629-96-9	1-Eicosanol	23.77	9000	JN
4. 006971-40-0	17-Pentatriacontene	25.27	2600	JN
5. 000638-66-4	Octadecanal	26.26	760	JN
6. 000192-97-2	Benzo[e]pyrene	26.53	590	JN
7. 002765-11-9	Pentadecanal-	27.60	980	JN
8. 000630-07-9	Pentatriacontane	27.94	2300	JN
9.	unknown	28.01	2000	J
10.	unknown	28.64	1700	J
11. 056554-86-0	17-Octadecenal	28.87	930	JN
12.	unknown	29.44	1300	J
13.	unknown	29.50	2200	J
14.	unknown	29.63	1600	J
15.	unknown	29.86	720	J
16. 000058-22-0	Testosterone	30.49	3100	JN

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-159

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4485 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4485.04

Sample wt/vol: 10.18 (g/ml) G Lab File ID: BN03370.D

Level: (low/med) LOW Date Received: 5/14/99

% Moisture: 23.25 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	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-159

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4485 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4485.04

Sample wt/vol: 10.18 (g/ml) G Lab File ID: BN03370.D

Level: (low/med) LOW Date Received: 5/14/99

% Moisture: 23.25 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	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	280	J
120-12-7	Anthracene	1300	U
84-74-2	Di-n-butylphthalate	150	JB
206-44-0	Fluoranthene	670	J
92-87-5	Benzidine	1300	U
129-00-0	Pyrene	510	J
85-68-7	Butylbenzylphthalate	1300	U
56-55-3	Benzo[a]anthracene	330	J
91-94-1	3,3'-Dichlorobenzidine	1300	U
218-01-9	Chrysene	550	J
117-81-7	bis(2-Ethylhexyl)phthalate	130	J
117-84-0	Di-n-octylphthalate	1300	U
205-99-2	Benzo[b]fluoranthene	310	J
207-08-9	Benzo[k]fluoranthene	240	J
50-32-8	Benzo[a]pyrene	310	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

EPA SAMPLE NO.

B-159

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4485 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4485.04

Sample wt/vol: 10.18 (g/ml) G Lab File ID: BN03370.D

Level: (low/med) LOW Date Received: 5/14/99

% Moisture: 23.25 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: 15 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000112-80-1	Oleic Acid	19.06	760	JN
2. 001454-84-8	1-Nonadecanol	23.76	7400	JN
3. 006624-79-9	1-Dotriacontanol	25.27	2100	JN
4. 002765-11-9	Pentadecanal-	26.26	1500	JN
5. 000638-66-4	Octadecanal	27.60	1500	JN
6. 000630-02-4	Octacosane	27.95	1900	JN
7.	unknown	28.01	1700	J
8.	unknown	28.64	1500	J
9.	unknown	28.87	1300	J
10.	unknown	29.49	3400	J
11.	unknown	29.63	2400	J
12.	unknown	29.91	1500	J
13. 010219-75-7	Naphthalene, 1,2,3,5,6,7,8,8a-oct	30.09	1700	JN
14. 000058-22-0	Testosterone	30.48	1900	JN
15.	unknown	30.83	670	J

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-160

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4485 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4485.06

Sample wt/vol: 10.21 (g/ml) G Lab File ID: BN03361.D

Level: (low/med) LOW Date Received: 5/14/99

% Moisture: 11 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-160

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4485 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4485.06

Sample wt/vol: 10.21 (g/ml) G Lab File ID: BN03361.D

Level: (low/med) LOW Date Received: 5/14/99

% Moisture: 11 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	210	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	450	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	190	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	320	J
117-81-7	bis(2-Ethylhexyl)phthalate	120	J
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	160	J
207-08-9	Benzo[k]fluoranthene	130	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

EPA SAMPLE NO.

B-160

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4485 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4485.06

Sample wt/vol: 10.21 (g/ml) G Lab File ID: BN03361.D

Level: (low/med) LOW Date Received: 5/14/99

% Moisture: 11 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: 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	18.33	960	JN
2. 001599-67-3	1-Docosene	23.76	7500	JN
3. 006624-79-9	1-Dotriacontanol	25.26	1300	JN
4. 000593-49-7	Heptacosane	27.93	1300	JN
5. 000629-96-9	1-Eicosanol	27.99	1400	JN
6.	unknown	28.63	770	J
7.	unknown	29.14	1200	J
8.	unknown	29.35	610	J
9.	unknown	29.47	600	J

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-161

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4485 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4485.08

Sample wt/vol: 10.11 (g/ml) G Lab File ID: BN03371.D

Level: (low/med) LOW Date Received: 5/14/99

% Moisture: 9.89 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-161

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4485 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4485.08

Sample wt/vol: 10.11 (g/ml) G Lab File ID: BN03371.D

Level: (low/med) LOW Date Received: 5/14/99

% Moisture: 9.89 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	390	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	560	JB
206-44-0	Fluoranthene	620	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	580	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	780	J
117-81-7	bis(2-Ethylhexyl)phthalate	120	J
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	490	J
207-08-9	Benzo[k]fluoranthene	400	J
50-32-8	Benzo[a]pyrene	550	J
193-39-5	Indeno[1,2,3-cd]pyrene	290	J
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	290	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

B-161

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4485 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4485.08

Sample wt/vol: 10.11 (g/ml) G Lab File ID: BN03371.D

Level: (low/med) LOW Date Received: 5/14/99

% Moisture: 9.89 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:

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	18.33	1400	JN
2. 006971-40-0	17-Pentatriacontene	25.27	1400	JN
3. 002765-11-9	Pentadecanal-	26.26	730	JN
4.	unknown	27.61	710	J
5. 007098-22-8	Tetratetracontane	27.95	790	JN
6.	unknown	28.64	970	J
7. 000124-25-4	Tetradecanal	28.87	620	JN

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-162

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4485 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4485.10

Sample wt/vol: 10.26 (g/ml) G Lab File ID: BN03372.D

Level: (low/med) LOW Date Received: 5/14/99

% Moisture: 9.71 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-162

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4485 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4485.10

Sample wt/vol: 10.26 (g/ml) G Lab File ID: BN03372.D

Level: (low/med) LOW Date Received: 5/14/99

% Moisture: 9.71 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	250	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	590	JB
206-44-0	Fluoranthene	400	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	200	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	360	J
117-81-7	bis(2-Ethylhexyl)phthalate	150	J
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	200	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-162

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4485 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4485.10

Sample wt/vol: 10.26 (g/ml) G Lab File ID: BN03372.D

Level: (low/med) LOW Date Received: 5/14/99

% Moisture: 9.71 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:

CONCENTRATION UNITS:

Number TICs found: 20 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	11.64	440	J
2. 000581-40-8	Naphthalene, 2,3-dimethyl-	13.31	450	JN
3.	unknown	15.39	500	J
4. 054105-67-8	Heptadecane, 2,6-dimethyl-	16.56	720	JN
5. 003891-98-3	Dodecane, 2,6,10-trimethyl-	17.65	650	JN
6. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.34	1500	JN
7.	unknown	20.35	560	J
8.	unknown	20.88	560	J
9. 038380-03-9	1,1'-Biphenyl, 2,3,3',4',6-pentachl	21.47	480	JN
10.	unknown	22.12	540	J
11. 001599-67-3	1-Docosene	23.77	8400	JN
12. 055162-61-3	Tetracontane, 3,5,24-trimethyl-	24.54	580	JN
13. 006971-40-0	17-Pentatriacontene	25.28	4800	JN
14. 056554-86-0	17-Octadecenal	26.28	1900	JN
15. 002765-11-9	Pentadecanal-	27.62	2200	JN
16. 007098-22-8	Tetratetracontane	27.97	2000	JN
17. 001454-84-8	1-Nonadecanol	28.02	1600	JN
18.	unknown	28.13	1300	J
19. 000638-66-4	Octadecanal	28.89	2500	JN
20.	unknown	29.38	1500	J

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-163

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4485 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4485.12

Sample wt/vol: 10.08 (g/ml) G Lab File ID: BN03362.D

Level: (low/med) LOW Date Received: 5/14/99

% Moisture: 9.11 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-163

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4485 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4485.12

Sample wt/vol: 10.08 (g/ml) G Lab File ID: BN03362.D

Level: (low/med) LOW Date Received: 5/14/99

% Moisture: 9.11 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	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	810	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

EPA SAMPLE NO.

B-163

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4485 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4485.12

Sample wt/vol: 10.08 (g/ml) G Lab File ID: BN03362.D

Level: (low/med) LOW Date Received: 5/14/99

% Moisture: 9.11 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: 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	18.33	2300	JN
2. 019047-85-9	Phosphonic acid, dioctadecyl este	23.76	7700	JN
3. 006624-79-9	1-Dotriacontanol	25.26	1500	JN
4. 000124-25-4	Tetradecanal	26.25	740	JN
5. 000506-52-5	1-Hexacosanol	26.68	2000	JN
6. 000638-66-4	Octadecanal	27.60	590	JN
7. 000630-06-8	Hexatriacontane	27.94	1200	JN
8. 000629-96-9	1-Eicosanol	28.00	1300	JN
9.	unknown	28.63	590	J
10. 002765-11-9	Pentadecanal-	28.86	680	JN
11.	unknown	29.24	500	J
12.	unknown	29.35	470	J

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-164

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4485 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4485.14

Sample wt/vol: 10.36 (g/ml) G Lab File ID: BN03363.D

Level: (low/med) LOW Date Received: 5/14/99

% Moisture: 10.59 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-164

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4485 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4485.14

Sample wt/vol: 10.36 (g/ml) G Lab File ID: BN03363.D

Level: (low/med) LOW Date Received: 5/14/99

% Moisture: 10.59 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	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	600	JB
206-44-0	Fluoranthene	250	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	190	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	390	J
117-81-7	bis(2-Ethylhexyl)phthalate	120	J
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	190	J
207-08-9	Benzo[k]fluoranthene	160	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	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-164

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4485 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4485.14

Sample wt/vol: 10.36 (g/ml) G Lab File ID: BN03363.D

Level: (low/med) LOW Date Received: 5/14/99

% Moisture: 10.59 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:

CONCENTRATION UNITS:

Number TICs found: 15 (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	1700	JN
2.	unknown	22.11	450	J
3. 001454-84-8	1-Nonadecanol	23.76	7200	JN
4. 002461-18-9	Oxirane, [(dodecyloxy)methyl]-	24.52	520	JN
5.	unknown	25.27	2200	J
6.	unknown	26.26	820	J
7. 002765-11-9	Pentadecanal-	27.61	4000	JN
8. 000638-68-6	Triacontane	27.94	2000	JN
9. 006971-40-0	17-Pentatriacontene	28.00	1200	JN
10.	unknown	28.63	580	J
11. 000638-66-4	Octadecanal	28.87	4200	JN
12.	unknown	29.25	480	J
13.	unknown	29.35	510	J
14.	unknown	29.48	820	J
15.	unknown	30.48	610	J

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-165

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4485 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4485.16

Sample wt/vol: 10.03 (g/ml) G Lab File ID: BN03373.D

Level: (low/med) LOW Date Received: 5/14/99

% Moisture: 13.88 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	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-165

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4485 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4485.16

Sample wt/vol: 10.03 (g/ml) G Lab File ID: BN03373.D

Level: (low/med) LOW Date Received: 5/14/99

% Moisture: 13.88 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	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	580	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-165

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4485 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4485.16

Sample wt/vol: 10.03 (g/ml) G Lab File ID: BN03373.D

Level: (low/med) LOW Date Received: 5/14/99

% Moisture: 13.88 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: 21 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	1500	JN
2. 055702-46-0	1,1'-Biphenyl, 2,3,4-trichloro-	18.45	750	JN
3. 032598-13-3	1,1'-Biphenyl, 3,3',4,4'-tetrachloro	20.35	630	JN
4.	unknown	20.88	490	J
5. 001002-84-2	Pentadecanoic acid	21.09	790	JN
6.	unknown	21.77	810	J
7.	unknown	22.12	470	J
8. 000629-78-7	Heptadecane	22.19	510	JN
9.	unknown	22.43	1700	J
10.	unknown	22.68	1100	J
11.	unknown	23.20	780	J
12. 001740-19-8	1-Phenanthrenecarboxylic acid, 1	23.59	3500	JN
13. 018435-45-5	1-Nonadecene	23.78	6800	JN
14. 000544-85-4	Dotriacontane	24.55	1000	JN
15. 055162-61-3	Tetracontane, 3,5,24-trimethyl-	25.28	2300	JN
16. 000630-03-5	Nonacosane	25.98	960	JN
17. 002765-11-9	Pentadecanal-	26.27	890	JN
18. 013287-23-5	Heptadecane, 8-methyl-	26.66	2000	JN
19.	unknown	27.62	770	J
20. 000544-76-3	Hexadecane	27.95	2000	JN
21.	unknown	28.65	1300	J

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-166

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4485 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4485.18

Sample wt/vol: 10.24 (g/ml) G Lab File ID: BN03374.D

Level: (low/med) LOW Date Received: 5/14/99

% Moisture: 23.71 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	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-166

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4485 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4485.18

Sample wt/vol: 10.24 (g/ml) G Lab File ID: BN03374.D

Level: (low/med) LOW Date Received: 5/14/99

% Moisture: 23.71 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	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	130	J
120-12-7	Anthracene	1300	U
84-74-2	Di-n-butylphthalate	680	JB
206-44-0	Fluoranthene	340	J
92-87-5	Benzidine	1300	U
129-00-0	Pyrene	300	J
85-68-7	Butylbenzylphthalate	1300	U
56-55-3	Benzo[a]anthracene	180	J
91-94-1	3,3'-Dichlorobenzidine	1300	U
218-01-9	Chrysene	330	J
117-81-7	bis(2-Ethylhexyl)phthalate	190	J
117-84-0	Di-n-octylphthalate	1300	U
205-99-2	Benzo[b]fluoranthene	200	J
207-08-9	Benzo[k]fluoranthene	170	J
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-166

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4485 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4485.18

Sample wt/vol: 10.24 (g/ml) G Lab File ID: BN03374.D

Level: (low/med) LOW Date Received: 5/14/99

% Moisture: 23.71 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:

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	18.34	1900	JN
2.	unknown	23.27	770	J
3. 000629-96-9	1-Eicosanol	23.77	8400	JN
4. 002461-18-9	Oxirane, [(dodecyloxy)methyl]-	25.27	2500	JN
5. 002765-11-9	Pentadecanal-	26.26	1700	JN
6. 000544-85-4	Dotriacontane	26.66	2400	JN
7. 000638-66-4	Octadecanal	27.61	1600	JN
8. 000593-49-7	Heptacosane	27.95	2400	JN
9.	unknown	28.01	940	J
10.	unknown	28.64	1600	J
11. 000629-80-1	Hexadecanal	28.87	1300	JN
12.	unknown	30.49	1100	J

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-167

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4485 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4485.20

Sample wt/vol: 10.38 (g/ml) G Lab File ID: BN03364.D

Level: (low/med) LOW Date Received: 5/14/99

% Moisture: 10.99 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-167

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4485 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4485.20

Sample wt/vol: 10.38 (g/ml) G Lab File ID: BN03364.D

Level: (low/med) LOW Date Received: 5/14/99

% Moisture: 10.99 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	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	350	JB
206-44-0	Fluoranthene	170	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	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-167

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4485 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4485.20

Sample wt/vol: 10.38 (g/ml) G Lab File ID: BN03364.D

Level: (low/med) LOW Date Received: 5/14/99

% Moisture: 10.99 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: 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	18.32	1100	JN
2. 001599-67-3	1-Docosene	23.75	6400	JN
3. 002461-18-9	Oxirane, [(dodecyloxy)methyl]-	25.26	1500	JN
4.	unknown	25.98	440	J
5. 000124-25-4	Tetradecanal	26.25	2400	JN
6. 000629-96-9	1-Eicosanol	26.68	2900	JN
7. 002765-11-9	Pentadecanal-	27.59	1500	JN
8. 000112-95-8	Eicosane	27.94	1600	JN
9. 000112-92-5	1-Octadecanol	28.00	1300	JN
10.	unknown	28.63	800	J
11. 056554-93-9	15-Octadecenal	28.86	1100	JN
12.	unknown	29.34	580	J

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-168

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4485 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4485.22

Sample wt/vol: 10.18 (g/ml) G Lab File ID: BN03365.D

Level: (low/med) LOW Date Received: 5/14/99

% Moisture: 9.79 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-168

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4485 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4485.22

Sample wt/vol: 10.18 (g/ml) G Lab File ID: BN03365.D

Level: (low/med) LOW Date Received: 5/14/99

% Moisture: 9.79 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	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	300	JB
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1100	U
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

B-168

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4485 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4485.22

Sample wt/vol: 10.18 (g/ml) G Lab File ID: BN03365.D

Level: (low/med) LOW Date Received: 5/14/99

% Moisture: 9.79 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:

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	18.33	1000	JN
2.	001454-84-8	1-Nonadecanol	23.75	6400	JN
3.	006624-79-9	1-Dotriacontanol	25.26	1200	JN
4.	002765-11-9	Pentadecanal-	26.25	930	JN
5.	006624-79-9	1-Dotriacontanol	26.67	1500	JN
6.		unknown	27.59	670	J
7.	007098-22-8	Tetratetracontane	27.93	1100	JN
8.	000629-96-9	1-Eicosanol	27.99	980	JN
9.		unknown	28.62	710	J
10.		unknown	28.85	900	J
11.		unknown	29.34	490	J

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-169

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4485 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4485.24

Sample wt/vol: 10.05 (g/ml) G Lab File ID: BN03398.D

Level: (low/med) LOW Date Received: 5/14/99

% Moisture: 8.14 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	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-169

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4485 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4485.24

Sample wt/vol: 10.05 (g/ml) G Lab File ID: BN03398.D

Level: (low/med) LOW Date Received: 5/14/99

% Moisture: 8.14 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	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	700	JB
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1100	U
117-81-7	bis(2-Ethylhexyl)phthalate	110	J
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

B-169

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4485 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4485.24

Sample wt/vol: 10.05 (g/ml) G Lab File ID: BN03398.D

Level: (low/med) LOW Date Received: 5/14/99

% Moisture: 8.14 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:

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	18.23	1800	JN
2.	unknown	22.02	870	J
3. 001454-84-8	1-Nonadecanol	23.65	6900	JN
4. 000140-39-6	Acetic acid, 4-methylphenyl ester	23.71	440	JN
5. 000506-52-5	1-Hexacosanol	24.42	450	JN
6. 006624-79-9	1-Dotriacontanol	25.16	2800	JN
7.	unknown	25.87	530	J
8. 007390-81-0	Oxirane, hexadecyl-	26.14	1200	JN
9. 000544-85-4	Dotriacontane	26.55	1700	JN
10. 002765-11-9	Pentadecanal-	27.49	1300	JN
11. 000629-99-2	Pentacosane	27.83	1700	JN
12.	unknown	27.89	1600	J
13.	unknown	27.99	520	J
14.	unknown	28.53	470	J
15. 000124-25-4	Tetradecanal	28.75	1700	JN
16. 019047-85-9	Phosphonic acid, dioctadecyl este	29.13	790	JN
17.	unknown	29.23	470	J
18.	unknown	29.29	450	J
19.	unknown	29.35	820	J
20.	unknown	29.47	1100	J
21.	unknown	29.75	1500	J
22.	unknown	29.92	2800	J
23.	unknown	30.07	790	J
24.	unknown	30.66	810	J
25.	unknown	30.78	590	J

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-170

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4485 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4485.26

Sample wt/vol: 10.02 (g/ml) G Lab File ID: BN03399.D

Level: (low/med) LOW Date Received: 5/14/99

% Moisture: 11.41 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	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-170

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4485 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4485.26

Sample wt/vol: 10.02 (g/ml) G Lab File ID: BN03399.D

Level: (low/med) LOW Date Received: 5/14/99

% Moisture: 11.41 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	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

EPA SAMPLE NO.

B-170

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4485 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4485.26

Sample wt/vol: 10.02 (g/ml) G Lab File ID: BN03399.D

Level: (low/med) LOW Date Received: 5/14/99

% Moisture: 11.41 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: 12 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000057-10-3	Hexadecanoic acid	19.14	860	JN
2.	unknown	20.80	1400	J
3. 000629-96-9	1-Eicosanol	23.65	6500	JN
4. 006624-79-9	1-Dotriacontanol	25.15	1600	JN
5.	unknown	26.15	2500	J
6.	unknown	26.57	3200	J
7. 007390-81-0	Oxirane, hexadecyl-	27.49	1200	JN
8. 000630-02-4	Octacosane	27.83	1600	JN
9.	unknown	27.89	1400	J
10. 000124-25-4	Tetradecanal	28.75	2200	JN
11. 000629-96-9	1-Eicosanol	29.12	580	JN
12.	unknown	30.06	680	J

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-171

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4491 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4491.02

Sample wt/vol: 10.13 (g/ml) G Lab File ID: BN03400.D

Level: (low/med) LOW Date Received: 5/17/99

% Moisture: 12.44 decanted:(Y/N) N Date Extracted: 5/24/99

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	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-171

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4491 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4491.02

Sample wt/vol: 10.13 (g/ml) G Lab File ID: BN03400.D

Level: (low/med) LOW Date Received: 5/17/99

% Moisture: 12.44 decanted:(Y/N) N Date Extracted: 5/24/99

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	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	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	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-171

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4491 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4491.02

Sample wt/vol: 10.13 (g/ml) G Lab File ID: BN03400.D

Level: (low/med) LOW Date Received: 5/17/99

% Moisture: 12.44 decanted: (Y/N) N Date Extracted: 5/24/99

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:

Number TICs found: 18 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	1200	JN
2. 001454-84-8	1-Nonadecanol	23.65	5400	JN
3. 003386-33-2	Octadecane, 1-chloro-	25.16	2100	JN
4.	unknown	25.87	490	J
5. 002765-11-9	Pentadecanal-	26.15	1800	JN
6.	unknown	26.57	4600	J
7.	unknown	27.50	5100	J
8. 000544-85-4	Dotriacontane	27.84	1600	JN
9. 000629-96-9	1-Eicosanol	27.90	2400	JN
10.	unknown	28.00	480	J
11.	unknown	28.53	520	J
12. 007390-81-0	Oxirane, hexadecyl-	28.76	4500	JN
13. 000630-06-8	Hexatriacontane	29.05	780	JN
14. 000506-52-5	1-Hexacosanol	29.13	970	JN
15.	unknown	29.23	620	J
16.	unknown	29.35	1500	J
17.	unknown	30.06	940	J
18.	unknown	30.78	620	J

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-172

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4491 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4491.04

Sample wt/vol: 10.18 (g/ml) G Lab File ID: BN03409.D

Level: (low/med) LOW Date Received: 5/17/99

% Moisture: 12.7 decanted:(Y/N) N Date Extracted: 5/24/99

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	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-172

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4491 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4491.04

Sample wt/vol: 10.18 (g/ml) G Lab File ID: BN03409.D

Level: (low/med) LOW Date Received: 5/17/99

% Moisture: 12.7 decanted:(Y/N) N Date Extracted: 5/24/99

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	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	1100	U
84-74-2	Di-n-butylphthalate	1200	B
206-44-0	Fluoranthene	240	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	290	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	330	J
117-81-7	bis(2-Ethylhexyl)phthalate	540	J
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	180	J
207-08-9	Benzo[k]fluoranthene	130	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
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

B-172

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4491 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4491.04

Sample wt/vol: 10.18 (g/ml) G Lab File ID: BN03409.D

Level: (low/med) LOW Date Received: 5/17/99

% Moisture: 12.7 decanted: (Y/N) N Date Extracted: 5/24/99

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: 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	18.23	510	JN
2. 000057-11-4	Octadecanoic acid	20.98	660	JN
3. 000629-96-9	1-Eicosanol	23.66	6500	JN
4. 003386-33-2	Octadecane, 1-chloro-	25.17	1200	JN
5. 000544-85-4	Dotriacontane	26.55	710	JN
6. 007390-81-0	Oxirane, hexadecyl-	27.50	730	JN
7. 007098-22-8	Tetratetracontane	27.85	680	JN
8. 019047-85-9	Phosphonic acid, dioctadecyl este	27.90	1800	JN
9.	unknown	28.54	870	J
10.	unknown	28.76	660	J
11. 000506-51-4	1-Tetracosanol	29.14	550	JN

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-173

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4491 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4491.06

Sample wt/vol: 10.27 (g/ml) G Lab File ID: BN03401.D

Level: (low/med) LOW Date Received: 5/17/99

% Moisture: 10.28 decanted:(Y/N) N Date Extracted: 5/24/99

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	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-173

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4491 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4491.06

Sample wt/vol: 10.27 (g/ml) G Lab File ID: BN03401.D

Level: (low/med) LOW Date Received: 5/17/99

% Moisture: 10.28 decanted:(Y/N) N Date Extracted: 5/24/99

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	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	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-173

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4491 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4491.06

Sample wt/vol: 10.27 (g/ml) G Lab File ID: BN03401.D

Level: (low/med) LOW Date Received: 5/17/99

% Moisture: 10.28 decanted: (Y/N) N Date Extracted: 5/24/99

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:

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	18.23	590	JN
2. 001454-84-8	1-Nonadecanol	23.65	6100	JN
3. 002461-18-9	Oxirane, [(dodecyloxy)methyl]-	25.16	1200	JN
4.	unknown	26.15	1000	J
5. 001599-67-3	1-Docosene	26.57	1600	JN
6. 007390-81-0	Oxirane, hexadecyl-	27.49	950	JN
7. 000630-07-9	Pentatriacontane	27.84	1300	JN
8. 019047-85-9	Phosphonic acid, dioctadecyl este	27.89	1500	JN
9.	unknown	28.52	490	J
10. 002765-11-9	Pentadecanal-	28.75	1300	JN
11. 000630-06-8	Hexatriacontane	29.05	570	JN
12. 006624-79-9	1-Dotriacontanol	29.13	670	JN
13.	unknown	30.06	690	J

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-174

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4491 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4491.08

Sample wt/vol: 10.09 (g/ml) G Lab File ID: BN03402.D

Level: (low/med) LOW Date Received: 5/17/99

% Moisture: 10.46 decanted:(Y/N) N Date Extracted: 5/24/99

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	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-174

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4491 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4491.08

Sample wt/vol: 10.09 (g/ml) G Lab File ID: BN03402.D

Level: (low/med) LOW Date Received: 5/17/99

% Moisture: 10.46 decanted:(Y/N) N Date Extracted: 5/24/99

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	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	380	JB
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1100	U
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

B-174

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4491 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4491.08

Sample wt/vol: 10.09 (g/ml) G Lab File ID: BN03402.D

Level: (low/med) LOW Date Received: 5/17/99

% Moisture: 10.46 decanted: (Y/N) N Date Extracted: 5/24/99

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: 18 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000085-69-8	1,2-Benzenedicarboxylic acid, but	18.23	830	JN
2. 000629-96-9	1-Eicosanol	23.66	7800	JN
3. 000506-52-5	1-Hexacosanol	24.42	470	JN
4. 006624-79-9	1-Dotriacontanol	25.16	1700	JN
5. 000630-06-8	Hexatriacontane	25.86	590	JN
6.	unknown	26.15	3000	J
7. 001599-67-3	1-Docosene	26.57	4300	JN
8. 010486-19-8	Tridecanal	27.49	1300	JN
9. 000544-85-4	Dotriacontane	27.84	2600	JN
10. 000112-92-5	1-Octadecanol	27.90	2100	JN
11.	unknown	28.53	460	J
12. 000638-66-4	Octadecanal	28.76	4000	JN
13.	unknown	28.98	530	J
14.	unknown	29.02	850	J
15. 006971-40-0	17-Pentatriacontene	29.13	940	JN
16.	unknown	29.23	950	J
17. 056554-86-0	17-Octadecenal	30.07	1900	JN
18.	unknown	30.68	660	J

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-175

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4491 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4491.10

Sample wt/vol: 10.11 (g/ml) G Lab File ID: BN03403.D

Level: (low/med) LOW Date Received: 5/17/99

% Moisture: 9.72 decanted:(Y/N) N Date Extracted: 5/24/99

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	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-175

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4491 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4491.10

Sample wt/vol: 10.11 (g/ml) G Lab File ID: BN03403.D

Level: (low/med) LOW Date Received: 5/17/99

% Moisture: 9.72 decanted:(Y/N) N Date Extracted: 5/24/99

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	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	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-175

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4491 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4491.10

Sample wt/vol: 10.11 (g/ml) G Lab File ID: BN03403.D

Level: (low/med) LOW Date Received: 5/17/99

% Moisture: 9.72 decanted: (Y/N) N Date Extracted: 5/24/99

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: 18 (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	1300	JN
2. 000629-96-9	1-Eicosanol	23.65	6800	JN
3. 003386-33-2	Octadecane, 1-chloro-	25.16	2100	JN
4.	unknown	25.87	500	J
5. 002765-11-9	Pentadecanal-	26.15	2400	JN
6. 001599-67-3	1-Docosene	26.57	4300	JN
7.	unknown	26.69	530	J
8.	unknown	27.50	2200	J
9. 000630-07-9	Pentatriacontane	27.85	2000	JN
10. 001653-33-4	4-Tetradecanol	27.89	2900	JN
11.	unknown	28.00	890	J
12.	unknown	28.53	550	J
13. 007390-81-0	Oxirane, hexadecyl-	28.76	1800	JN
14. 000630-06-8	Hexatriacontane	29.05	680	JN
15. 019047-85-9	Phosphonic acid, dioctadecyl este	29.13	910	JN
16.	unknown	29.23	720	J
17.	unknown	30.06	670	J
18.	unknown	30.67	720	J

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-176

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4491 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4491.12

Sample wt/vol: 10.13 (g/ml) G Lab File ID: BN03404.D

Level: (low/med) LOW Date Received: 5/17/99

% Moisture: 11.39 decanted:(Y/N) N Date Extracted: 5/24/99

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	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-176

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4491 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4491.12

Sample wt/vol: 10.13 (g/ml) G Lab File ID: BN03404.D

Level: (low/med) LOW Date Received: 5/17/99

% Moisture: 11.39 decanted:(Y/N) N Date Extracted: 5/24/99

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	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	1100	U
84-74-2	Di-n-butylphthalate	200	JB
206-44-0	Fluoranthene	270	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	140	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	260	J
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	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-176

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4491 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4491.12

Sample wt/vol: 10.13 (g/ml) G Lab File ID: BN03404.D

Level: (low/med) LOW Date Received: 5/17/99

% Moisture: 11.39 decanted: (Y/N) N Date Extracted: 5/24/99

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: 17 (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	470	JN
2. 000629-96-9	1-Eicosanol	23.66	6200	JN
3. 006971-40-0	17-Pentatriacontene	25.17	1900	JN
4.	unknown	25.87	680	J
5. 007390-81-0	Oxirane, hexadecyl-	26.15	1400	JN
6. 001599-67-3	1-Docosene	26.58	3700	JN
7.	unknown	27.49	740	J
8. 000630-07-9	Pentatriacontane	27.84	1800	JN
9.	unknown	27.90	1900	J
10.	unknown	28.00	540	J
11. 002765-11-9	Pentadecanal-	28.76	1200	JN
12.	unknown	29.05	730	J
13. 000506-52-5	1-Hexacosanol	29.13	840	JN
14.	unknown	29.24	590	J
15.	unknown	29.35	730	J
16.	unknown	30.07	530	J
17.	unknown	30.31	590	J

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-177

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4491 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4491.14

Sample wt/vol: 10.44 (g/ml) G Lab File ID: BN03405.D

Level: (low/med) LOW Date Received: 5/17/99

% Moisture: 9.05 decanted:(Y/N) N Date Extracted: 5/24/99

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	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-177

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4491 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4491.14

Sample wt/vol: 10.44 (g/ml) G Lab File ID: BN03405.D

Level: (low/med) LOW Date Received: 5/17/99

% Moisture: 9.05 decanted:(Y/N) N Date Extracted: 5/24/99

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	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	1000	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-177

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4491 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4491.14

Sample wt/vol: 10.44 (g/ml) G Lab File ID: BN03405.D

Level: (low/med) LOW Date Received: 5/17/99

% Moisture: 9.05 decanted: (Y/N) N Date Extracted: 5/24/99

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: 15 (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	1600	JN
2. 001454-84-8	1-Nonadecanol	23.66	6900	JN
3. 002461-18-9	Oxirane, [(dodecyloxy)methyl]-	25.16	1300	JN
4. 002765-11-9	Pentadecanal-	26.15	960	JN
5. 006624-79-9	1-Dotriacontanol	26.58	2200	JN
6. 000124-25-4	Tetradecanal	27.49	1100	JN
7. 000544-85-4	Dotriacontane	27.84	1300	JN
8. 000629-96-9	1-Eicosanol	27.90	1800	JN
9.	unknown	28.53	560	J
10.	unknown	28.76	1100	J
11.	unknown	29.05	450	J
12. 006971-40-0	17-Pentatriacontene	29.13	640	JN
13.	unknown	29.24	470	J
14.	unknown	29.35	460	J
15.	unknown	30.07	560	J

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-178

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4491 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4491.16

Sample wt/vol: 10.15 (g/ml) G Lab File ID: BN03406.D

Level: (low/med) LOW Date Received: 5/17/99

% Moisture: 14.47 decanted:(Y/N) N Date Extracted: 5/24/99

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	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-178

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4491 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4491.16

Sample wt/vol: 10.15 (g/ml) G Lab File ID: BN03406.D

Level: (low/med) LOW Date Received: 5/17/99

% Moisture: 14.47 decanted:(Y/N) N Date Extracted: 5/24/99

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	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	1200	B
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1100	U
117-81-7	bis(2-Ethylhexyl)phthalate	120	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-178

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4491 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4491.16

Sample wt/vol: 10.15 (g/ml) G Lab File ID: BN03406.D

Level: (low/med) LOW Date Received: 5/17/99

% Moisture: 14.47 decanted: (Y/N) N Date Extracted: 5/24/99

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:

Number TICs found: 21 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	12.30	1700	J
2.	unknown	12.59	2200	J
3. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.23	2100	JN
4. 035693-92-6	1,1'-Biphenyl, 2,4,6-trichloro-	18.34	570	JN
5. 000057-11-4	Octadecanoic acid	20.98	870	JN
6. 001454-84-8	1-Nonadecanol	23.65	6600	JN
7. 000544-85-4	Dotriacontane	24.43	690	JN
8. 015965-99-8	Oxirane, [(hexadecyloxy)methyl]-	25.16	2300	JN
9. 000638-68-6	Triacontane	25.87	720	JN
10.	unknown	26.15	640	J
11. 000630-06-8	Hexatriacontane	26.55	3500	JN
12. 000112-95-8	Eicosane	27.20	570	JN
13. 002765-11-9	Pentadecanal-	27.50	1200	JN
14. 000630-03-5	Nonacosane	27.85	2300	JN
15. 001454-85-9	1-Heptadecanol	27.90	2100	JN
16.	unknown	28.00	630	J
17.	unknown	28.53	740	J
18. 000638-66-4	Octadecanal	28.76	700	JN
19. 000593-49-7	Heptacosane	29.05	850	JN
20. 006971-40-0	17-Pentatriacontene	29.13	750	JN
21.	unknown	29.23	600	J

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-179

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4491 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4491.18

Sample wt/vol: 10.25 (g/ml) G Lab File ID: BN03407.D

Level: (low/med) LOW Date Received: 5/17/99

% Moisture: 15.07 decanted:(Y/N) N Date Extracted: 5/24/99

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	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-179

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4491 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4491.18

Sample wt/vol: 10.25 (g/ml) G Lab File ID: BN03407.D

Level: (low/med) LOW Date Received: 5/17/99

% Moisture: 15.07 decanted:(Y/N) N Date Extracted: 5/24/99

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	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	320	JB
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	110	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1100	U
117-81-7	bis(2-Ethylhexyl)phthalate	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-179

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4491 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4491.18

Sample wt/vol: 10.25 (g/ml) G Lab File ID: BN03407.D

Level: (low/med) LOW Date Received: 5/17/99

% Moisture: 15.07 decanted: (Y/N) N Date Extracted: 5/24/99

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: 13 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	12.29	730	J
2. 074367-34-3	Propanoic acid, 2-methyl-, 3-hydr	12.58	920	JN
3. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.23	660	JN
4. 019047-85-9	Phosphonic acid, dioctadecyl este	23.65	5900	JN
5. 002461-18-9	Oxirane, [(dodecyloxy)methyl]-	25.16	1000	JN
6. 000630-06-8	Hexatriacontane	26.55	590	JN
7.	unknown	27.49	750	J
8. 000112-95-8	Eicosane	27.84	470	JN
9. 006624-79-9	1-Dotriacontanol	27.89	1500	JN
10.	unknown	28.53	520	J
11.	unknown	28.75	930	J
12.	unknown	29.13	520	J
13.	unknown	29.47	540	J

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-180

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4491 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4491.20

Sample wt/vol: 10.07 (g/ml) G Lab File ID: BN03408.D

Level: (low/med) LOW Date Received: 5/17/99

% Moisture: 9.47 decanted:(Y/N) N Date Extracted: 5/24/99

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	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-180

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4491 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4491.20

Sample wt/vol: 10.07 (g/ml) G Lab File ID: BN03408.D

Level: (low/med) LOW Date Received: 5/17/99

% Moisture: 9.47 decanted:(Y/N) N Date Extracted: 5/24/99

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	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

EPA SAMPLE NO.
B-180

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4491 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4491.20

Sample wt/vol: 10.07 (g/ml) G Lab File ID: BN03408.D

Level: (low/med) LOW Date Received: 5/17/99

% Moisture: 9.47 decanted: (Y/N) N Date Extracted: 5/24/99

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:

Number TICs found: 14 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000629-96-9	1-Eicosanol	23.65	8400	JN
2. 006971-40-0	17-Pentatriacontene	25.16	1800	JN
3.	unknown	26.15	710	J
4. 000544-85-4	Dotriacontane	26.55	2100	JN
5. 002765-11-9	Pentadecanal-	27.50	2300	JN
6. 000630-06-8	Hexatriacontane	27.84	1400	JN
7. 000506-52-5	1-Hexacosanol	27.90	1600	JN
8.	unknown	28.53	640	J
9.	unknown	28.76	2800	J
10.	unknown	28.98	510	J
11. 000629-99-2	Pentacosane	29.05	510	JN
12. 000112-92-5	1-Octadecanol	29.13	740	JN
13.	unknown	29.23	600	J
14.	unknown	30.07	850	J

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-181

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4491 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4491.22

Sample wt/vol: 10.2 (g/ml) G Lab File ID: BN03416.D

Level: (low/med) LOW Date Received: 5/17/99

% Moisture: 9.91 decanted:(Y/N) N Date Extracted: 5/24/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/2/99

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
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-181

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4491 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4491.22

Sample wt/vol: 10.2 (g/ml) G Lab File ID: BN03416.D

Level: (low/med) LOW Date Received: 5/17/99

% Moisture: 9.91 decanted:(Y/N) N Date Extracted: 5/24/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/2/99

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	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

EPA SAMPLE NO.

B-181

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4491 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4491.22

Sample wt/vol: 10.2 (g/ml) G Lab File ID: BN03416.D

Level: (low/med) LOW Date Received: 5/17/99

% Moisture: 9.91 decanted: (Y/N) N Date Extracted: 5/24/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/2/99

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.	unknown	19.13	580	J
2. 001454-84-8	1-Nonadecanol	23.66	8700	JN
3. 002461-18-9	Oxirane, [(dodecyloxy)methyl]-	24.43	500	JN
4.	unknown	25.16	1300	J
5. 000629-99-2	Pentacosane	26.55	890	JN
6. 000544-85-4	Dotriacontane	27.84	700	JN
7.	unknown	27.90	1300	J
8.	unknown	28.52	690	J
9.	unknown	28.85	660	J
10.	unknown	29.13	450	J

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-182

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4491 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4491.24

Sample wt/vol: 10.06 (g/ml) G Lab File ID: BN03414.D

Level: (low/med) LOW Date Received: 5/17/99

% Moisture: 11.57 decanted:(Y/N) N Date Extracted: 5/24/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/2/99

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
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-182

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4491 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4491.24

Sample wt/vol: 10.06 (g/ml) G Lab File ID: BN03414.D

Level: (low/med) LOW Date Received: 5/17/99

% Moisture: 11.57 decanted:(Y/N) N Date Extracted: 5/24/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/2/99

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	120	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	230	JB
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1100	U
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

B-182

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4491 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4491.24

Sample wt/vol: 10.06 (g/ml) G Lab File ID: BN03414.D

Level: (low/med) LOW Date Received: 5/17/99

% Moisture: 11.57 decanted: (Y/N) N Date Extracted: 5/24/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/2/99

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	18.23	700	JN
2. 000629-96-9	1-Eicosanol	23.66	8900	JN
3. 000506-52-5	1-Hexacosanol	25.16	930	JN
4.	unknown	27.89	1300	J

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-183

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4491 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4491.26

Sample wt/vol: 10.09 (g/ml) G Lab File ID: BN03415.D

Level: (low/med) LOW Date Received: 5/17/99

% Moisture: 8.29 decanted:(Y/N) N Date Extracted: 5/24/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/2/99

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
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-183

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4491 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4491.26

Sample wt/vol: 10.09 (g/ml) G Lab File ID: BN03415.D

Level: (low/med) LOW Date Received: 5/17/99

% Moisture: 8.29 decanted:(Y/N) N Date Extracted: 5/24/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/2/99

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	150	JB
206-44-0	Fluoranthene	130	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	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

EPA SAMPLE NO.

B-183

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4491 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4491.26

Sample wt/vol: 10.09 (g/ml) G Lab File ID: BN03415.D

Level: (low/med) LOW Date Received: 5/17/99

% Moisture: 8.29 decanted: (Y/N) N Date Extracted: 5/24/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/2/99

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. 001454-84-8	1-Nonadecanol	23.66	8300	JN
2.	unknown	24.42	490	J
3. 002461-18-9	Oxirane, [(dodecyloxy)methyl]-	25.16	2200	JN
4.	unknown	25.87	530	J
5.	unknown	26.15	880	J
6. 000506-52-5	1-Hexacosanol	26.57	4400	JN
7.	unknown	27.50	2100	J
8. 000630-07-9	Pentatriacontane	27.84	2500	JN
9. 000629-96-9	1-Eicosanol	27.90	2500	JN
10.	unknown	28.00	580	J
11.	unknown	28.53	700	J
12. 002765-11-9	Pentadecanal-	28.76	1400	JN
13.	unknown	29.02	760	J
14. 000630-06-8	Hexatriacontane	29.05	850	JN
15. 006971-40-0	17-Pentatriacontene	29.14	730	JN
16.	unknown	29.23	910	J
17.	unknown	29.34	710	J
18.	unknown	30.07	590	J
19.	unknown	30.31	710	J
20.	unknown	30.72	1000	J
21.	unknown	30.78	1100	J

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-184

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4491 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4491.28

Sample wt/vol: 10.28 (g/ml) G Lab File ID: BN03419.D

Level: (low/med) LOW Date Received: 5/17/99

% Moisture: 9.34 decanted:(Y/N) N Date Extracted: 5/24/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/2/99

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
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-184

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4491 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4491.28

Sample wt/vol: 10.28 (g/ml) G Lab File ID: BN03419.D

Level: (low/med) LOW Date Received: 5/17/99

% Moisture: 9.34 decanted:(Y/N) N Date Extracted: 5/24/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/2/99

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	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

EPA SAMPLE NO.

B-184

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4491 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4491.28

Sample wt/vol: 10.28 (g/ml) G Lab File ID: BN03419.D

Level: (low/med) LOW Date Received: 5/17/99

% Moisture: 9.34 decanted: (Y/N) N Date Extracted: 5/24/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/2/99

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. 001454-84-8	1-Nonadecanol	23.66	8900	JN
2. 003386-33-2	Octadecane, 1-chloro-	25.16	1500	JN
3. 000638-66-4	Octadecanal	26.15	560	JN
4. 000630-07-9	Pentatriacontane	26.55	1300	JN
5.	unknown	27.50	1700	J
6. 000544-85-4	Dotriacontane	27.85	1300	JN
7. 001599-67-3	1-Docosene	27.89	1900	JN
8.	unknown	28.10	2200	J
9.	unknown	28.53	700	J
10. 007390-81-0	Oxirane, hexadecyl-	28.76	1200	JN
11. 000630-06-8	Hexatriacontane	29.05	520	JN
12. 006971-40-0	17-Pentatriacontene	29.14	670	JN

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-185

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4494 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4494.02

Sample wt/vol: 10.23 (g/ml) G Lab File ID: BN03422.D

Level: (low/med) LOW Date Received: 5/18/99

% Moisture: 5.5 decanted:(Y/N) N Date Extracted: 5/24/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/2/99

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	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-185

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4494 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4494.02

Sample wt/vol: 10.23 (g/ml) G Lab File ID: BN03422.D

Level: (low/med) LOW Date Received: 5/18/99

% Moisture: 5.5 decanted:(Y/N) N Date Extracted: 5/24/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/2/99

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	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	200	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-185

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4494 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4494.02

Sample wt/vol: 10.23 (g/ml) G Lab File ID: BN03422.D

Level: (low/med) LOW Date Received: 5/18/99

% Moisture: 5.5 decanted: (Y/N) N Date Extracted: 5/24/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/2/99

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. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.23	760	JN
2. 001454-84-8	1-Nonadecanol	23.66	8600	JN
3. 000506-51-4	1-Tetracosanol	24.42	430	JN
4. 002461-18-9	Oxirane, [(dodecyloxy)methyl]-	25.17	1900	JN
5.	unknown	26.16	1500	J
6. 000629-96-9	1-Eicosanol	26.58	3800	JN
7.	unknown	27.50	5400	J
8. 000638-68-6	Triacontane	27.84	1200	JN
9.	unknown	27.90	2700	J
10.	unknown	28.53	620	J
11. 000124-25-4	Tetradecanal	28.76	1500	JN
12.	unknown	29.06	600	J
13. 000112-92-5	1-Octadecanol	29.14	680	JN
14.	unknown	29.35	620	J
15.	unknown	30.06	440	J
16.	unknown	30.31	480	J

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-186

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4494 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4494.04

Sample wt/vol: 10.11 (g/ml) G Lab File ID: BN03423.D

Level: (low/med) LOW Date Received: 5/18/99

% Moisture: 12.25 decanted:(Y/N) N Date Extracted: 5/24/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/2/99

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
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-186

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4494 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4494.04

Sample wt/vol: 10.11 (g/ml) G Lab File ID: BN03423.D

Level: (low/med) LOW Date Received: 5/18/99

% Moisture: 12.25 decanted:(Y/N) N Date Extracted: 5/24/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/2/99

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	140	JB
206-44-0	Fluoranthene	140	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	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-186

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4494 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4494.04

Sample wt/vol: 10.11 (g/ml) G Lab File ID: BN03423.D

Level: (low/med) LOW Date Received: 5/18/99

% Moisture: 12.25 decanted: (Y/N) N Date Extracted: 5/24/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/2/99

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. 000629-96-9	1-Eicosanol	23.65	7900	JN
2. 000506-51-4	1-Tetracosanol	24.43	510	JN
3. 003386-33-2	Octadecane, 1-chloro-	25.16	2400	JN
4.	unknown	25.87	520	J
5.	unknown	26.15	810	J
6. 000630-06-8	Hexatriacontane	26.56	1700	JN
7. 002765-11-9	Pentadecanal-	27.50	850	JN
8. 000544-85-4	Dotriacontane	27.85	1800	JN
9. 001454-84-8	1-Nonadecanol	27.90	1400	JN
10.	unknown	28.00	600	J
11.	unknown	28.53	700	J
12. 001724-39-6	Cyclododecanol	28.76	900	JN
13.	unknown	28.85	1300	J
14.	unknown	29.14	560	J
15.	unknown	29.23	570	J

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-187

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4494 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4494.06

Sample wt/vol: 10.24 (g/ml) G Lab File ID: BN03424.D

Level: (low/med) LOW Date Received: 5/18/99

% Moisture: 11.62 decanted:(Y/N) N Date Extracted: 5/24/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/2/99

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
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-187

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4494 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4494.06

Sample wt/vol: 10.24 (g/ml) G Lab File ID: BN03424.D

Level: (low/med) LOW Date Received: 5/18/99

% Moisture: 11.62 decanted:(Y/N) N Date Extracted: 5/24/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/2/99

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	140	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	320	JB
206-44-0	Fluoranthene	300	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	190	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	350	J
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	240	J
207-08-9	Benzo[k]fluoranthene	170	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-187

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4494 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4494.06

Sample wt/vol: 10.24 (g/ml) G Lab File ID: BN03424.D

Level: (low/med) LOW Date Received: 5/18/99

% Moisture: 11.62 decanted: (Y/N) N Date Extracted: 5/24/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/2/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 20 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	800	JN
2.	000112-95-8	Eicosane	22.09	600	JN
3.	000544-76-3	Hexadecane	22.90	740	JN
4.	001454-84-8	1-Nonadecanol	23.66	7300	JN
5.	000630-06-8	Hexatriacontane	24.44	1300	JN
6.	055162-61-3	Tetracontane, 3,5,24-trimethyl-	25.17	3100	JN
7.		unknown	26.16	1200	J
8.	000544-85-4	Dotriacontane	26.56	3500	JN
9.	000638-68-6	Triacontane	27.21	1100	JN
10.		unknown	27.50	660	J
11.	000630-07-9	Pentatriacontane	27.85	2000	JN
12.	006971-40-0	17-Pentatriacontene	27.90	1200	JN
13.	000630-03-5	Nonacosane	28.46	750	JN
14.		unknown	28.54	790	J
15.		unknown	28.77	870	J
16.		unknown	28.86	3100	J
17.		unknown	28.99	530	J
18.	000630-01-3	Hexacosane	29.06	990	JN
19.	004549-12-6	1-Naphthalenepropanol, .alpha.-e	29.76	1100	JN
20.		unknown	30.17	570	J

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-188

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4494 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4494.08

Sample wt/vol: 10.26 (g/ml) G Lab File ID: BN03425.D

Level: (low/med) LOW Date Received: 5/18/99

% Moisture: 11.18 decanted:(Y/N) N Date Extracted: 5/24/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/2/99

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
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-188

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4494 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4494.08

Sample wt/vol: 10.26 (g/ml) G Lab File ID: BN03425.D

Level: (low/med) LOW Date Received: 5/18/99

% Moisture: 11.18 decanted:(Y/N) N Date Extracted: 5/24/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/2/99

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	330	JB
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1100	U
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

B-188

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4494 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4494.08

Sample wt/vol: 10.26 (g/ml) G Lab File ID: BN03425.D

Level: (low/med) LOW Date Received: 5/18/99

% Moisture: 11.18 decanted: (Y/N) N Date Extracted: 5/24/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/2/99

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	18.23	940	JN
2. 001454-84-8	1-Nonadecanol	23.66	7100	JN
3. 006624-79-9	1-Dotriacontanol	25.16	2200	JN
4.	unknown	26.15	680	J
5. 000630-03-5	Nonacosane	26.55	1100	JN
6.	unknown	27.50	910	J
7. 000544-85-4	Dotriacontane	27.84	810	JN
8. 000629-96-9	1-Eicosanol	27.90	1300	JN
9.	unknown	28.00	600	J
10.	unknown	28.53	620	J
11.	unknown	28.76	1100	J
12.	unknown	29.14	450	J
13.	unknown	29.24	460	J

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-189

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4494 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4494.10

Sample wt/vol: 10.08 (g/ml) G Lab File ID: BN03427.D

Level: (low/med) LOW Date Received: 5/18/99

% Moisture: 12.59 decanted:(Y/N) N Date Extracted: 5/24/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/2/99

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
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-189

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4494 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4494.10

Sample wt/vol: 10.08 (g/ml) G Lab File ID: BN03427.D

Level: (low/med) LOW Date Received: 5/18/99

% Moisture: 12.59 decanted:(Y/N) N Date Extracted: 5/24/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/2/99

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	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

EPA SAMPLE NO.

B-189

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4494 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4494.10

Sample wt/vol: 10.08 (g/ml) G Lab File ID: BN03427.D

Level: (low/med) LOW Date Received: 5/18/99

% Moisture: 12.59 decanted: (Y/N) N Date Extracted: 5/24/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/2/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 19 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.23	470	JN
2. 000057-11-4	Octadecanoic acid	20.99	1300	JN
3. 001454-84-8	1-Nonadecanol	23.66	7800	JN
4. 000638-67-5	Tricosane	24.44	830	JN
5. 015965-99-8	Oxirane, [(hexadecyloxy)methyl]-	25.17	2500	JN
6. 000630-06-8	Hexatriacontane	25.88	1300	JN
7.	unknown	26.16	730	J
8. 000630-07-9	Pentatriacontane	26.56	3300	JN
9. 000630-01-3	Hexacosane	27.21	2300	JN
10. 002765-11-9	Pentadecanal-	27.51	2000	JN
11. 000638-68-6	Triacontane	27.86	5200	JN
12.	unknown	27.90	1400	J
13.	unknown	28.01	490	J
14. 000630-02-4	Octacosane	28.47	5500	JN
15.	unknown	28.54	860	J
16.	unknown	28.77	910	J
17. 000544-85-4	Dotriacontane	29.07	8400	JN
18. 014167-59-0	Tetratriacontane	29.71	7300	JN
19. 000646-31-1	Tetracosane	30.44	7800	JN

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-190

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4494 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4494.12

Sample wt/vol: 10.09 (g/ml) G Lab File ID: BN03426.D

Level: (low/med) LOW Date Received: 5/18/99

% Moisture: 8.64 decanted:(Y/N) N Date Extracted: 5/24/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/2/99

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
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-190

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4494 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4494.12

Sample wt/vol: 10.09 (g/ml) G Lab File ID: BN03426.D

Level: (low/med) LOW Date Received: 5/18/99

% Moisture: 8.64 decanted:(Y/N) N Date Extracted: 5/24/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/2/99

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	510	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	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-190

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4494 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4494.12

Sample wt/vol: 10.09 (g/ml) G Lab File ID: BN03426.D

Level: (low/med) LOW Date Received: 5/18/99

% Moisture: 8.64 decanted: (Y/N) N Date Extracted: 5/24/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/2/99

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. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.23	1500	JN
2.	unknown	20.97	460	J
3.	unknown	21.85	500	J
4. 000112-95-8	Eicosane	22.09	620	JN
5. 001454-84-8	1-Nonadecanol	23.66	8900	JN
6. 007098-21-7	Tritetracontane	24.44	960	JN
7. 015965-99-8	Oxirane, [(hexadecyloxy)methyl]-	25.17	4000	JN
8. 000544-85-4	Dotriacontane	25.88	1200	JN
9. 007390-81-0	Oxirane, hexadecyl-	26.16	1600	JN
10. 000630-06-8	Hexatriacontane	26.56	3900	JN
11.	unknown	26.70	480	J
12. 000630-03-5	Nonacosane	27.20	710	JN
13. 002765-11-9	Pentadecanal-	27.51	1800	JN
14. 000630-07-9	Pentatriacontane	27.85	2800	JN
15.	unknown	27.90	1800	J
16.	unknown	28.01	890	J
17. 000638-68-6	Triacontane	28.46	550	JN
18.	unknown	28.54	850	J
19. 002765-11-9	Pentadecanal-	28.77	1600	JN
20. 000630-06-8	Hexatriacontane	29.06	1100	JN
21. 006624-79-9	1-Dotriacontanol	29.15	570	JN
22.	unknown	29.24	840	J

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-191

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4494 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4494.14

Sample wt/vol: 10.14 (g/ml) G Lab File ID: BN03428.D

Level: (low/med) LOW Date Received: 5/18/99

% Moisture: 13.66 decanted:(Y/N) N Date Extracted: 5/24/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/2/99

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
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-191

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4494 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4494.14

Sample wt/vol: 10.14 (g/ml) G Lab File ID: BN03428.D

Level: (low/med) LOW Date Received: 5/18/99

% Moisture: 13.66 decanted:(Y/N) N Date Extracted: 5/24/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/2/99

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	410	JB
206-44-0	Fluoranthene	1100	U
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	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-191

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4494 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4494.14

Sample wt/vol: 10.14 (g/ml) G Lab File ID: BN03428.D

Level: (low/med) LOW Date Received: 5/18/99

% Moisture: 13.66 decanted: (Y/N) N Date Extracted: 5/24/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/2/99

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. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.23	1300	JN
2.	unknown	20.98	480	J
3. 000077-94-1	Butyl citrate	21.85	1400	JN
4. 000629-78-7	Heptadecane	22.09	680	JN
5. 000630-01-3	Hexacosane	22.91	490	JN
6. 000629-96-9	1-Eicosanol	23.66	8800	JN
7. 000630-02-4	Octacosane	24.44	1100	JN
8. 003386-33-2	Octadecane, 1-chloro-	25.18	4800	JN
9. 000630-06-8	Hexatriacontane	25.88	1600	JN
10. 002765-11-9	Pentadecanal-	26.16	2100	JN
11. 014167-59-0	Tetratriacontane	26.56	7200	JN
12.	unknown	26.71	670	J
13. 000630-03-5	Nonacosane	27.21	1300	JN
14. 000124-25-4	Tetradecanal	27.51	2300	JN
15. 000629-99-2	Pentacosane	27.86	3600	JN
16. 001454-84-8	1-Nonadecanol	27.91	1900	JN
17.	unknown	28.01	1100	J
18. 000630-07-9	Pentatriacontane	28.46	880	JN
19.	unknown	28.54	1000	J
20.	unknown	28.77	1800	J
21. 007098-22-8	Tetratetracontane	29.06	10000	JN
22.	unknown	29.25	1100	J

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-192

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4494 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4494.16

Sample wt/vol: 10.27 (g/ml) G Lab File ID: BN03458.D

Level: (low/med) LOW Date Received: 5/18/99

% Moisture: 7.52 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: 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-192

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4494 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4494.16

Sample wt/vol: 10.27 (g/ml) G Lab File ID: BN03458.D

Level: (low/med) LOW Date Received: 5/18/99

% Moisture: 7.52 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: 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	340	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	210	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	220	J
207-08-9	Benzo[k]fluoranthene	170	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-192

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4494 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4494.16

Sample wt/vol: 10.27 (g/ml) G Lab File ID: BN03458.D

Level: (low/med) LOW Date Received: 5/18/99

% Moisture: 7.52 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: 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	15.24	510	J
2. 000112-95-8	Eicosane	17.41	510	JN
3. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.19	1600	JN
4. 001653-33-4	4-Tetradecanol	23.62	7400	JN
5.	unknown	25.13	6900	J
6. 056554-86-0	17-Octadecenal	26.13	9800	JN
7. 000629-78-7	Heptadecane	26.53	4200	JN
8. 000638-66-4	Octadecanal	27.48	7000	JN
9. 000544-76-3	Hexadecane	27.82	7900	JN
10.	unknown	28.74	4400	J

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-193

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4494 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4494.18

Sample wt/vol: 10.36 (g/ml) G Lab File ID: BN03432.D

Level: (low/med) LOW Date Received: 5/18/99

% Moisture: 11.75 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-193

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4494 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4494.18

Sample wt/vol: 10.36 (g/ml) G Lab File ID: BN03432.D

Level: (low/med) LOW Date Received: 5/18/99

% Moisture: 11.75 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	160	JB
206-44-0	Fluoranthene	140	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	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-193

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4494 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4494.18

Sample wt/vol: 10.36 (g/ml) G Lab File ID: BN03432.D

Level: (low/med) LOW Date Received: 5/18/99

% Moisture: 11.75 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.	unknown	18.21	610	J
2.	unknown	23.15	680	J
3. 000629-96-9	1-Eicosanol	23.64	5300	JN
4. 002461-18-9	Oxirane, [(dodecyloxy)methyl]-	25.14	1800	JN
5. 000544-85-4	Dotriacontane	26.53	1000	JN
6.	unknown	27.47	480	J
7. 000638-68-6	Triacontane	27.82	880	JN
8. 001454-84-8	1-Nonadecanol	27.88	840	JN
9.	unknown	27.99	460	J
10.	unknown	28.51	580	J
11.	unknown	28.74	890	J
12.	unknown	29.22	490	J
13.	unknown	29.73	1100	J
14.	unknown	30.13	530	J

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-194

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4494 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4494.20

Sample wt/vol: 10.01 (g/ml) G Lab File ID: BN03433.D

Level: (low/med) LOW Date Received: 5/18/99

% Moisture: 11.74 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-194

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4494 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4494.20

Sample wt/vol: 10.01 (g/ml) G Lab File ID: BN03433.D

Level: (low/med) LOW Date Received: 5/18/99

% Moisture: 11.74 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	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	190	JB
206-44-0	Fluoranthene	170	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	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-194

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4494 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4494.20

Sample wt/vol: 10.01 (g/ml) G Lab File ID: BN03433.D

Level: (low/med) LOW Date Received: 5/18/99

% Moisture: 11.74 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: 10 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000629-96-9	1-Eicosanol	23.64	6400	JN
2. 006624-79-9	1-Dotriacontanol	25.14	1900	JN
3. 000544-85-4	Dotriacontane	26.53	950	JN
4.	unknown	27.48	500	J
5. 000630-01-3	Hexacosane	27.82	840	JN
6.	unknown	27.88	990	J
7.	unknown	28.52	700	J
8.	unknown	28.75	840	J
9.	unknown	28.84	3700	J
10.	unknown	30.77	2600	J

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-195

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4527 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4527.02

Sample wt/vol: 9.84 (g/ml) G Lab File ID: BN03472.D

Level: (low/med) LOW Date Received: 6/1/99

% Moisture: 11.85 decanted:(Y/N) N Date Extracted: 6/4/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/15/99

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
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-195

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4527 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4527.02

Sample wt/vol: 9.84 (g/ml) G Lab File ID: BN03472.D

Level: (low/med) LOW Date Received: 6/1/99

% Moisture: 11.85 decanted:(Y/N) N Date Extracted: 6/4/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/15/99

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	120	J
120-12-7	Anthracene	1200	U
84-74-2	Di-n-butylphthalate	730	JB
206-44-0	Fluoranthene	210	J
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	200	J
85-68-7	Butylbenzylphthalate	1200	U
56-55-3	Benzo[a]anthracene	120	J
91-94-1	3,3'-Dichlorobenzidine	1200	U
218-01-9	Chrysene	210	J
117-81-7	bis(2-Ethylhexyl)phthalate	1200	U
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo[b]fluoranthene	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-195

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4527 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4527.02

Sample wt/vol: 9.84 (g/ml) G Lab File ID: BN03472.D

Level: (low/med) LOW Date Received: 6/1/99

% Moisture: 11.85 decanted: (Y/N) N Date Extracted: 6/4/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/15/99

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. 000089-18-9	1,2-Benzenedicarboxylic acid, but	18.15	2100	JN
2. 074685-30-6	5-Eicosene, (E)-	23.57	5800	JN
3. 015965-99-8	Oxirane, [(hexadecyloxy)methyl]-	24.34	470	JN
4. 006971-40-0	17-Pentatriacontene	25.08	2000	JN
5.	unknown	25.80	550	J
6. 056554-90-6	13-Octadecenal	26.07	620	JN
7. 000593-49-7	Heptacosane	26.46	930	JN
8. 056554-87-1	16-Octadecenal	27.41	800	JN
9. 000112-95-8	Eicosane	27.75	810	JN
10. 001454-85-9	1-Heptadecanol	27.82	800	JN
11.	unknown	27.92	540	J
12.	unknown	28.45	620	J
13. 056554-86-0	17-Octadecenal	28.67	800	JN
14.	unknown	29.15	580	J
15.	unknown	30.87	570	J

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-196

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4527 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4527.04

Sample wt/vol: 10.31 (g/ml) G Lab File ID: BN03473.D

Level: (low/med) LOW Date Received: 6/1/99

% Moisture: 5.78 decanted:(Y/N) N Date Extracted: 6/4/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/15/99

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
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-196

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4527 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4527.04

Sample wt/vol: 10.31 (g/ml) G Lab File ID: BN03473.D

Level: (low/med) LOW Date Received: 6/1/99

% Moisture: 5.78 decanted:(Y/N) N Date Extracted: 6/4/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/15/99

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	120	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-196

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4527 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4527.04

Sample wt/vol: 10.31 (g/ml) G Lab File ID: BN03473.D

Level: (low/med) LOW Date Received: 6/1/99

% Moisture: 5.78 decanted: (Y/N) N Date Extracted: 6/4/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/15/99

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	23.57	5900	JN
2. 006624-79-9	1-Dotriacontanol	25.08	730	JN
3. 000112-92-5	1-Octadecanol	27.81	870	JN
4.	unknown	28.44	600	J

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-197

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4527 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4527.06

Sample wt/vol: 10.06 (g/ml) G Lab File ID: BN03476.D

Level: (low/med) LOW Date Received: 6/1/99

% Moisture: 5 decanted:(Y/N) N Date Extracted: 6/4/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/15/99

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
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-197

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4527 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4527.06

Sample wt/vol: 10.06 (g/ml) G Lab File ID: BN03476.D

Level: (low/med) LOW Date Received: 6/1/99

% Moisture: 5 decanted:(Y/N) N Date Extracted: 6/4/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/15/99

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	190	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-197

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4527 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4527.06

Sample wt/vol: 10.06 (g/ml) G Lab File ID: BN03476.D

Level: (low/med) LOW Date Received: 6/1/99

% Moisture: 5 decanted: (Y/N) N Date Extracted: 6/4/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/15/99

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. 000112-92-5	1-Octadecanol	23.57	4000	JN
2. 006971-40-0	17-Pentatriacontene	25.08	460	JN
3. 000629-96-9	1-Eicosanol	27.81	560	JN

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-198

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4527 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4527.08

Sample wt/vol: 10.64 (g/ml) G Lab File ID: BN03477.D

Level: (low/med) LOW Date Received: 6/1/99

% Moisture: 16.27 decanted:(Y/N) N Date Extracted: 6/4/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/15/99

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	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-198

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4527 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4527.08

Sample wt/vol: 10.64 (g/ml) G Lab File ID: BN03477.D

Level: (low/med) LOW Date Received: 6/1/99

% Moisture: 16.27 decanted:(Y/N) N Date Extracted: 6/4/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/15/99

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	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	410	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	420	JB
206-44-0	Fluoranthene	380	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	240	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	520	J
117-81-7	bis(2-Ethylhexyl)phthalate	120	JB
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	180	J
207-08-9	Benzo[k]fluoranthene	160	J
50-32-8	Benzo[a]pyrene	210	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

EPA SAMPLE NO.
B-198

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4527 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4527.08

Sample wt/vol: 10.64 (g/ml) G Lab File ID: BN03477.D

Level: (low/med) LOW Date Received: 6/1/99

% Moisture: 16.27 decanted: (Y/N) N Date Extracted: 6/4/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/15/99

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.	unknown	12.25	1400	J
2.	unknown	17.42	1200	J
3.	unknown	18.15	1200	J
4. 000112-80-1	Oleic Acid	20.75	2100	JN
5. 001454-84-8	1-Nonadecanol	23.58	6100	JN
6. 006971-40-0	17-Pentatriacontene	25.09	2100	JN
7. 056554-87-1	16-Octadecenal	26.07	950	JN
8. 000544-85-4	Dotriacontane	26.47	910	JN
9. 000629-80-1	Hexadecanal	27.41	1100	JN
10. 000544-85-4	Dotriacontane	27.76	860	JN
11. 001454-85-9	1-Heptadecanol	27.82	980	JN
12.	unknown	27.92	580	J
13. 077899-10-6	(Z)14-Tricosenyl formate	28.68	1700	JN
14. 000000-00-0	2-Pentacosanone	29.16	550	JN
15.	unknown	30.05	750	J
16.	unknown	30.61	1400	J
17.	unknown	30.89	1600	J

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-199

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4527 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4527.10

Sample wt/vol: 10.9 (g/ml) G Lab File ID: BN03478.D

Level: (low/med) LOW Date Received: 6/1/99

% Moisture: 16.9 decanted:(Y/N) N Date Extracted: 6/4/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/15/99

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	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-199

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4527 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4527.10

Sample wt/vol: 10.9 (g/ml) G Lab File ID: BN03478.D

Level: (low/med) LOW Date Received: 6/1/99

% Moisture: 16.9 decanted:(Y/N) N Date Extracted: 6/4/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/15/99

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	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	860	JB
206-44-0	Fluoranthene	280	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	300	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	150	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	290	J
117-81-7	bis(2-Ethylhexyl)phthalate	120	JB
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	120	J
207-08-9	Benzo[k]fluoranthene	110	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-199

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4527 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4527.10

Sample wt/vol: 10.9 (g/ml) G Lab File ID: BN03478.D

Level: (low/med) LOW Date Received: 6/1/99

% Moisture: 16.9 decanted: (Y/N) N Date Extracted: 6/4/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/15/99

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. 000084-64-0	1,2-Benzenedicarboxylic acid, but	18.15	2100	JN
2. 001454-84-8	1-Nonadecanol	23.58	6600	JN
3. 002461-18-9	Oxirane, [(dodecyloxy)methyl]-	24.34	610	JN
4. 006971-40-0	17-Pentatriacontene	25.09	3200	JN
5. 000638-66-4	Octadecanal	26.07	930	JN
6. 000593-49-7	Heptacosane	26.47	2000	JN
7.	unknown	26.62	500	J
8. 000000-00-0	1-Hexacosanal	27.42	1400	JN
9. 000112-95-8	Eicosane	27.76	1500	JN
10. 000629-96-9	1-Eicosanol	27.82	1300	JN
11.	unknown	27.93	860	J
12.	unknown	28.46	490	J
13. 056554-90-6	13-Octadecenal	28.68	1800	JN
14. 000630-06-8	Hexatriacontane	28.98	540	JN
15. 000112-88-9	1-Octadecene	29.06	530	JN
16.	unknown	29.16	810	J
17. 000629-80-1	Hexadecanal	29.97	690	JN
18.	unknown	30.88	1100	J

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-200

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4527 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4527.12

Sample wt/vol: 11 (g/ml) G Lab File ID: BN03491.D

Level: (low/med) LOW Date Received: 6/1/99

% Moisture: 20.38 decanted:(Y/N) N Date Extracted: 6/4/99

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	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.: 4527 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4527.12

Sample wt/vol: 11 (g/ml) G Lab File ID: BN03491.D

Level: (low/med) LOW Date Received: 6/1/99

% Moisture: 20.38 decanted:(Y/N) N Date Extracted: 6/4/99

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	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	270	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	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	180	J
207-08-9	Benzo[k]fluoranthene	130	J
50-32-8	Benzo[a]pyrene	150	J
193-39-5	Indeno[1,2,3-cd]pyrene	120	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-200

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4527 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4527.12

Sample wt/vol: 11 (g/ml) G Lab File ID: BN03491.D

Level: (low/med) LOW Date Received: 6/1/99

% Moisture: 20.38 decanted: (Y/N) N Date Extracted: 6/4/99

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: 9 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-78-6	1,2-Benzenedicarboxylic acid, but	18.13	690	JN
2. 000112-92-5	1-Octadecanol	23.55	4900	JN
3.	unknown	25.06	1100	J
4. 000638-66-4	Octadecanal	26.04	580	JN
5. 000629-78-7	Heptadecane	26.45	820	JN
6. 000000-00-0	1-Hexacosanal	27.39	1000	JN
7. 000630-06-8	Hexatriacontane	27.74	830	JN
8. 001653-33-4	4-Tetradecanol	27.80	930	JN
9. 056554-90-6	13-Octadecenal	28.65	560	JN

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-201

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4527 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4527.14

Sample wt/vol: 10.1 (g/ml) G Lab File ID: BN03479.D

Level: (low/med) LOW Date Received: 6/1/99

% Moisture: 5.63 decanted:(Y/N) N Date Extracted: 6/4/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/15/99

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	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-201

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4527 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4527.14

Sample wt/vol: 10.1 (g/ml) G Lab File ID: BN03479.D

Level: (low/med) LOW Date Received: 6/1/99

% Moisture: 5.63 decanted:(Y/N) N Date Extracted: 6/4/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/15/99

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	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	110	JB
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

B-201

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4527 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4527.14

Sample wt/vol: 10.1 (g/ml) G Lab File ID: BN03479.D

Level: (low/med) LOW Date Received: 6/1/99

% Moisture: 5.63 decanted: (Y/N) N Date Extracted: 6/4/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/15/99

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	18.15	540	J
2. 000112-92-5	1-Octadecanol	23.57	4900	JN
3. 018733-57-8	Silane, trichloroeicosyl-	25.08	470	JN
4. 006971-40-0	17-Pentatriacontene	27.81	510	JN

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-202

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4527 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4527.16

Sample wt/vol: 10.45 (g/ml) G Lab File ID: BN03484.D

Level: (low/med) LOW Date Received: 6/1/99

% Moisture: 15.18 decanted:(Y/N) N Date Extracted: 6/4/99

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	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-202

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4527 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4527.16

Sample wt/vol: 10.45 (g/ml) G Lab File ID: BN03484.D

Level: (low/med) LOW Date Received: 6/1/99

% Moisture: 15.18 decanted:(Y/N) N Date Extracted: 6/4/99

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	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	600	JB
206-44-0	Fluoranthene	340	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	180	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	370	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	150	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

EPA SAMPLE NO.

B-202

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4527 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4527.16

Sample wt/vol: 10.45 (g/ml) G Lab File ID: BN03484.D

Level: (low/med) LOW Date Received: 6/1/99

% Moisture: 15.18 decanted: (Y/N) N Date Extracted: 6/4/99

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: 15 (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	1600	JN
2. 000112-92-5	1-Octadecanol	23.56	6100	JN
3. 006971-40-0	17-Pentatriacontene	24.32	500	JN
4. 001454-84-8	1-Nonadecanol	25.06	2200	JN
5. 056554-87-1	16-Octadecenal	26.05	640	JN
6. 000112-95-8	Eicosane	26.44	1200	JN
7. 056554-90-6	13-Octadecenal	27.39	900	JN
8. 007098-22-8	Tetratetracontane	27.74	1100	JN
9. 000629-96-9	1-Eicosanol	27.79	1200	JN
10. 000629-66-3	2-Nonadecanone	27.90	660	JN
11.	unknown	28.42	490	J
12. 000629-80-1	Hexadecanal	28.65	1100	JN
13. 006624-79-9	1-Dotriacontanol	29.03	480	JN
14.	unknown	29.12	680	J
15.	unknown	30.53	510	J

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-203

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4527 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4527.18

Sample wt/vol: 10.21 (g/ml) G Lab File ID: BN03492.D

Level: (low/med) LOW Date Received: 6/1/99

% Moisture: 8.08 decanted:(Y/N) N Date Extracted: 6/4/99

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	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-203

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4527 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4527.18

Sample wt/vol: 10.21 (g/ml) G Lab File ID: BN03492.D

Level: (low/med) LOW Date Received: 6/1/99

% Moisture: 8.08 decanted:(Y/N) N Date Extracted: 6/4/99

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	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	470	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	610	JB
206-44-0	Fluoranthene	740	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	380	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	760	J
117-81-7	bis(2-Ethylhexyl)phthalate	140	JB
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	350	J
207-08-9	Benzo[k]fluoranthene	300	J
50-32-8	Benzo[a]pyrene	360	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	270	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.: 4527 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4527.18

Sample wt/vol: 10.21 (g/ml) G Lab File ID: BN03492.D

Level: (low/med) LOW Date Received: 6/1/99

% Moisture: 8.08 decanted: (Y/N) N Date Extracted: 6/4/99

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: 21 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	18.13	1300	J
2.	unknown	20.68	430	J
3. 000057-11-4	Octadecanoic acid	20.89	1200	JN
4. 000072-54-8	1,1-Dichloro-2,2-bis(p-chlorophen	21.89	800	JN
5. 000112-92-5	1-Octadecanol	23.56	6800	JN
6. 000646-30-0	Nonadecanoic acid	24.15	540	JN
7.	unknown	24.33	870	J
8. 006971-40-0	17-Pentatriacontene	25.07	2300	JN
9. 002363-71-5	Heneicosanoic acid	25.63	500	JN
10. 056554-90-6	13-Octadecenal	26.06	2300	JN
11.	unknown	26.60	1500	J
12. 000000-00-0	1-Hexacosanal	27.40	1400	JN
13. 000629-92-5	Nonadecane	27.75	1600	JN
14. 074685-33-9	3-Eicosene, (E)-	27.81	1000	JN
15.	unknown	27.91	640	J
16. 056554-89-3	14-Octadecenal	28.66	1500	JN
17. 000112-95-8	Eicosane	28.95	660	JN
18.	unknown	29.14	690	J
19. 002765-11-9	Pentadecanal-	29.94	480	JN
20.	unknown	30.54	670	J
21.	unknown	30.85	500	J

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-204

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4530 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4530.02(1:10)

Sample wt/vol: 10.02 (g/ml) G Lab File ID: BN03497.D

Level: (low/med) LOW Date Received: 6/2/99

% Moisture: 7.11 decanted:(Y/N) N Date Extracted: 6/4/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/16/99

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-204

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4530 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4530.02(1:10)

Sample wt/vol: 10.02 (g/ml) G Lab File ID: BN03497.D

Level: (low/med) LOW Date Received: 6/2/99

% Moisture: 7.11 decanted:(Y/N) N Date Extracted: 6/4/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/16/99

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

EPA SAMPLE NO.

B-204

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4530 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4530.02(1:10)

Sample wt/vol: 10.02 (g/ml) G Lab File ID: BN03497.D

Level: (low/med) LOW Date Received: 6/2/99

% Moisture: 7.11 decanted: (Y/N) N Date Extracted: 6/4/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/16/99

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. 001599-67-3	1-Docosene	23.55	7000	JND

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-205

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4530 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4530.04

Sample wt/vol: 10.29 (g/ml) G Lab File ID: BN03493.D

Level: (low/med) LOW Date Received: 6/2/99

% Moisture: 9.03 decanted:(Y/N) N Date Extracted: 6/4/99

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	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-205

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4530 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4530.04

Sample wt/vol: 10.29 (g/ml) G Lab File ID: BN03493.D

Level: (low/med) LOW Date Received: 6/2/99

% Moisture: 9.03 decanted:(Y/N) N Date Extracted: 6/4/99

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	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	200	JB
206-44-0	Fluoranthene	230	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	120	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	230	J
117-81-7	bis(2-Ethylhexyl)phthalate	140	JB
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	110	J
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

B-205

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4530 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4530.04

Sample wt/vol: 10.29 (g/ml) G Lab File ID: BN03493.D

Level: (low/med) LOW Date Received: 6/2/99

% Moisture: 9.03 decanted: (Y/N) N Date Extracted: 6/4/99

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: 9 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	18.13	580	J
2. 001454-84-8	1-Nonadecanol	23.56	5300	JN
3. 000112-92-5	1-Octadecanol	25.06	890	JN
4. 000629-80-1	Hexadecanal	26.05	760	JN
5. 007390-81-0	Oxirane, hexadecyl-	27.39	590	JN
6. 007098-22-8	Tetratetracontane	27.73	460	JN
7. 000629-96-9	1-Eicosanol	27.79	680	JN
8.	unknown	28.43	600	J
9. 000638-66-4	Octadecanal	28.66	710	JN

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-206

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4530 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4530.06

Sample wt/vol: 10.35 (g/ml) G Lab File ID: BN03483.D

Level: (low/med) LOW Date Received: 6/2/99

% Moisture: 8.87 decanted:(Y/N) N Date Extracted: 6/4/99

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	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.: 4530 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4530.06

Sample wt/vol: 10.35 (g/ml) G Lab File ID: BN03483.D

Level: (low/med) LOW Date Received: 6/2/99

% Moisture: 8.87 decanted:(Y/N) N Date Extracted: 6/4/99

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	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	190	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	190	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-206

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4530 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4530.06

Sample wt/vol: 10.35 (g/ml) G Lab File ID: BN03483.D

Level: (low/med) LOW Date Received: 6/2/99

% Moisture: 8.87 decanted: (Y/N) N Date Extracted: 6/4/99

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:

Number TICs found: 5 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	18.12	440	J
2. 001454-84-8	1-Nonadecanol	23.56	5400	JN
3. 006971-40-0	17-Pentatriacontene	25.06	730	JN
4. 007098-22-8	Tetratetracontane	27.74	490	JN
5. 000629-96-9	1-Eicosanol	27.79	830	JN

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-207

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4530 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4530.08

Sample wt/vol: 10.16 (g/ml) G Lab File ID: BN03485.D

Level: (low/med) LOW Date Received: 6/2/99

% Moisture: 10 decanted:(Y/N) N Date Extracted: 6/4/99

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	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.: 4530 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4530.08

Sample wt/vol: 10.16 (g/ml) G Lab File ID: BN03485.D

Level: (low/med) LOW Date Received: 6/2/99

% Moisture: 10 decanted:(Y/N) N Date Extracted: 6/4/99

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	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	110	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	1100	U
117-81-7	bis(2-Ethylhexyl)phthalate	150	JB
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

B-207

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4530 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4530.08

Sample wt/vol: 10.16 (g/ml) G Lab File ID: BN03485.D

Level: (low/med) LOW Date Received: 6/2/99

% Moisture: 10 decanted: (Y/N) N Date Extracted: 6/4/99

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	18.12	600	J
2. 001599-67-3	1-Docosene	23.56	6600	JN
3. 000112-92-5	1-Octadecanol	25.06	900	JN
4.	unknown	27.78	900	J

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-208

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4530 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4530.10

Sample wt/vol: 9.82 (g/ml) G Lab File ID: BN03486.D

Level: (low/med) LOW Date Received: 6/2/99

% Moisture: 6.1 decanted:(Y/N) N Date Extracted: 6/4/99

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	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-208

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4530 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4530.10

Sample wt/vol: 9.82 (g/ml) G Lab File ID: BN03486.D

Level: (low/med) LOW Date Received: 6/2/99

% Moisture: 6.1 decanted:(Y/N) N Date Extracted: 6/4/99

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	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	650	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-208

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4530 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4530.10

Sample wt/vol: 9.82 (g/ml) G Lab File ID: BN03486.D

Level: (low/med) LOW Date Received: 6/2/99

% Moisture: 6.1 decanted: (Y/N) N Date Extracted: 6/4/99

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:

Number TICs found: 6 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	18.13	1600	J
2. 001454-84-8	1-Nonadecanol	23.55	6400	JN
3. 000930-02-9	Octadecane, 1-(ethenyloxy)-	25.06	1000	JN
4. 000112-95-8	Eicosane	26.44	530	JN
5. 000629-96-9	1-Eicosanol	27.79	1000	JN
6. 007390-81-0	Oxirane, hexadecyl-	28.64	770	JN

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-209

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4530 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4530.12

Sample wt/vol: 10.8 (g/ml) G Lab File ID: BN03494.D

Level: (low/med) LOW Date Received: 6/2/99

% Moisture: 13.86 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	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.: 4530 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4530.12

Sample wt/vol: 10.8 (g/ml) G Lab File ID: BN03494.D

Level: (low/med) LOW Date Received: 6/2/99

% Moisture: 13.86 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	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	460	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	510	JB
206-44-0	Fluoranthene	560	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	600	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	300	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	610	J
117-81-7	bis(2-Ethylhexyl)phthalate	130	JB
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	240	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	170	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

EPA SAMPLE NO.

B-209

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4530 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4530.12

Sample wt/vol: 10.8 (g/ml) G Lab File ID: BN03494.D

Level: (low/med) LOW Date Received: 6/2/99

% Moisture: 13.86 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:

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-210

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4530 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4530.14

Sample wt/vol: 10.66 (g/ml) G Lab File ID: BN03495.D

Level: (low/med) LOW Date Received: 6/2/99

% Moisture: 12.83 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	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	160	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-210

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4530 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4530.14

Sample wt/vol: 10.66 (g/ml) G Lab File ID: BN03495.D

Level: (low/med) LOW Date Received: 6/2/99

% Moisture: 12.83 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	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	1100	U
84-74-2	Di-n-butylphthalate	490	JB
206-44-0	Fluoranthene	730	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	560	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1100	J
117-81-7	bis(2-Ethylhexyl)phthalate	120	JB
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	490	J
207-08-9	Benzo[k]fluoranthene	490	J
50-32-8	Benzo[a]pyrene	600	J
193-39-5	Indeno[1,2,3-cd]pyrene	350	J
53-70-3	Dibenz[a,h]anthracene	150	J
191-24-2	Benzo[g,h,i]perylene	380	J

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.: 4530 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4530.14

Sample wt/vol: 10.66 (g/ml) G Lab File ID: BN03495.D

Level: (low/med) LOW Date Received: 6/2/99

% Moisture: 12.83 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: 20 (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	1100	JN
2. 002765-11-9	Pentadecanal-	23.06	450	JN
3. 000112-92-5	1-Octadecanol	23.56	5200	JN
4. 002461-18-9	Oxirane, [(dodecyloxy)methyl]-	24.33	480	JN
5. 006971-40-0	17-Pentatriacontene	25.07	26000	JN
6. 000000-00-0	2-Pentacosanone	25.20	2900	JN
7. 000057-11-4	Octadecanoic acid	25.62	2500	JN
8. 000638-66-4	Octadecanal	26.06	13000	JN
9. 000192-97-2	Benzo[e]pyrene	26.29	3300	JN
10. 000630-07-9	Pentatriacontane	26.46	17000	JN
11.	unknown	26.60	4300	J
12. 000000-00-0	1-Hexacosanal	27.40	16000	JN
13. 000593-45-3	Octadecane	27.75	14000	JN
14. 074685-30-6	5-Eicosene, (E)-	27.81	9300	JN
15.	unknown	27.91	9000	J
16. 056554-89-3	14-Octadecenal	28.04	3100	JN
17. 000629-80-1	Hexadecanal	28.67	17000	JN
18. 000112-95-8	Eicosane	28.96	5000	JN
19.	unknown	29.14	8900	J
20.	unknown	30.55	6900	J

1B

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

B-211

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4530 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4530.16

Sample wt/vol: 10.49 (g/ml) G Lab File ID: BN03496.D

Level: (low/med) LOW Date Received: 6/2/99

% Moisture: 16.96 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	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	120	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-211

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4530 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4530.16

Sample wt/vol: 10.49 (g/ml) G Lab File ID: BN03496.D

Level: (low/med) LOW Date Received: 6/2/99

% Moisture: 16.96 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	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	570	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	720	JB
206-44-0	Fluoranthene	570	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	310	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	680	J
117-81-7	bis(2-Ethylhexyl)phthalate	150	JB
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	300	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

EPA SAMPLE NO.

B-211

Lab Name: FMETL Project: 98-0211

Lab Code: 13461 Case No.: 4530 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4530.16

Sample wt/vol: 10.49 (g/ml) G Lab File ID: BN03496.D

Level: (low/med) LOW Date Received: 6/2/99

% Moisture: 16.96 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: 20 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	18.14	1900	J
2. 001454-84-8	1-Nonadecanol	21.92	460	JN
3. 018302-66-4	Palmitaldehyde, diisopropyl acetal	23.06	500	JN
4. 000112-92-5	1-Octadecanol	23.56	7800	JN
5. 002461-18-9	Oxirane, [(dodecyloxy)methyl]-	24.33	700	JN
6. 000629-80-1	Hexadecanal	24.61	470	JN
7. 006971-40-0	17-Pentatriacontene	25.08	26000	JN
8.	unknown	25.20	2300	J
9. 056554-87-1	16-Octadecenal	25.35	1300	JN
10.	unknown	25.63	2600	J
11. 000638-66-4	Octadecanal	26.06	12000	JN
12. 000630-07-9	Pentatriacontane	26.46	14000	JN
13.	unknown	26.60	4600	J
14. 002765-11-9	Pentadecanal-	26.73	2200	JN
15. 056554-89-3	14-Octadecenal	27.40	14000	JN
16. 013287-24-6	Nonadecane, 9-methyl-	27.75	11000	JN
17. 074685-33-9	3-Eicosene, (E)-	27.81	8200	JN
18.	unknown	27.91	8100	J
19. 056554-90-6	13-Octadecenal	28.67	13000	JN
20. 000629-66-3	2-Nonadecanone	29.14	8000	JN

PEST/PCB'S

METHOD BLANKS

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	BLK292
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	2/22/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/26/99
Analysis:	SW-846 Method 8081/8082	**Location :**	
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	100.00	0.0003	ND	NLE
beta-BHC	1	100.00	0.0003	ND	NLE
gamma-BHC	1	100.00	0.0004	ND	0.52
delta-BHC	1	100.00	0.0004	ND	NLE
Heptachlor	1	100.00	0.0003	ND	0.15
Aldrin	1	100.00	0.0004	ND	0.04
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 # :**	BLK299
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	2/25/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/4/99
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

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	BLK309
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	3/15/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/25/99
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

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

001883

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/.25u

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:**	3/30/99
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/.25um

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:**	3/29/99
	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	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/.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 # :**	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 # :**	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/.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 # :**	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/.25ur

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/.25ur

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	BLK325
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	4/22/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/11/99
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 # :**	BLK329
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	5/3/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/14/99
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 # :**	BLK332
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	5/10/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/17/99
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/.25ur

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

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	BLK 336
	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/.25ur
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

001896

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	BLK 337
	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:	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

001897

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:**	5/28/99
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

001898

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

001899

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	BLK340
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	5/21/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/8/99
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 # :**	BLK346
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	6/2/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/11/99
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

001902

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:**	6/16/99
	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/.25um
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

001903

FIELD DUPLICATES

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4356.16
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/17/99
	Bldg. 173	**Extraction Date:**	3/22/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/30/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
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	83.45	0.0071	ND	NLE
beta-BHC	20	83.45	0.0071	ND	NLE
gamma-BHC	20	83.45	0.0095	ND	0.52
delta-BHC	20	83.45	0.0095	ND	NLE
Heptachlor	20	83.45	0.0071	ND	0.15
Aldrin	20	83.45	0.0095	ND	0.04
Heptachlor Epoxide	20	83.45	0.0143	ND	NLE
Endosulfan I	20	83.45	0.0119	ND	NLE
4,4'-DDE	20	83.45	0.0095	0.041	2
Dieldrin	20	83.45	0.0119	ND	0.042
Endrin	20	83.45	0.0119	ND	17
Endosulfan II	20	83.45	0.0095	ND	NLE
4,4'-DDD	20	83.45	0.0143	0.032	3
Endrin Aldehyde	20	83.45	0.0119	ND	NLE
4,4'-DDT	20	83.45	0.0262	0.067	2
Endosulfan-Sulfate	20	83.45	0.0095	ND	NLE
gamma -Chlordane	20	83.45	0.0119	ND	NLE
alpha-Chlordane	20	83.45	0.0119	ND	NLE
Toxaphene	20	83.45	0.0071	ND	0.1
Arochlor 1016	20	83.45	0.2668	ND	0.49
Arochlor 1221	20	83.45	0.4908	ND	0.49
Arochlor 1232	20	83.45	0.3335	ND	0.49
Arochlor 1242	20	83.45	0.3812	ND	0.49
Arochlor 1248	20	83.45	0.1525	ND	0.49
Arochlor 1254	20	83.45	0.0953	ND	0.49
Arochlor 1260	20	83.45	0.0858	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4406.08
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/9/99
	Bldg. 173	**Extraction Date:**	4/12/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/13/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
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	87.37	0.0068	ND	NLE
beta-BHC	20	87.37	0.0068	ND	NLE
gamma-BHC	20	87.37	0.0091	ND	0.52
delta-BHC	20	87.37	0.0091	ND	NLE
Heptachlor	20	87.37	0.0068	ND	0.15
Aldrin	20	87.37	0.0091	ND	0.04
Heptachlor Epoxide	20	87.37	0.0137	ND	NLE
Endosulfan I	20	87.37	0.0114	ND	NLE
4,4'-DDE	20	87.37	0.0091	0.023	2
Dieldrin	20	87.37	0.0114	ND	0.042
Endrin	20	87.37	0.0114	ND	17
Endosulfan II	20	87.37	0.0091	ND	NLE
4,4'-DDD	20	87.37	0.0137	ND	3
Endrin Aldehyde	20	87.37	0.0114	ND	NLE
4,4'-DDT	20	87.37	0.0251	0.032	2
Endosulfan-Sulfate	20	87.37	0.0091	ND	NLE
gamma -Chlordane	20	87.37	0.0114	ND	NLE
alpha-Chlordane	20	87.37	0.0114	ND	NLE
Toxaphene	20	87.37	0.0068	ND	0.1
Arochlor 1016	20	87.37	0.2551	ND	0.49
Arochlor 1221	20	87.37	0.4692	ND	0.49
Arochlor 1232	20	87.37	0.3189	ND	0.49
Arochlor 1242	20	87.37	0.3644	ND	0.49
Arochlor 1248	20	87.37	0.1458	ND	0.49
Arochlor 1254	20	87.37	0.0911	ND	0.49
Arochlor 1260	20	87.37	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

001906

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4446.14
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/27/99
	Bldg. 173	**Extraction Date:**	5/3/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/15/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	Field Dup

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	85.61	0.0068	ND	NLE
beta-BHC	20	85.61	0.0068	ND	NLE
gamma-BHC	20	85.61	0.0091	ND	0.52
delta-BHC	20	85.61	0.0091	ND	NLE
Heptachlor	20	85.61	0.0068	ND	0.15
Aldrin	20	85.61	0.0091	ND	0.04
Heptachlor Epoxide	20	85.61	0.0137	ND	NLE
Endosulfan I	20	85.61	0.0114	ND	NLE
4,4'-DDE	20	85.61	0.0091	0.022	2
Dieldrin	20	85.61	0.0114	ND	0.042
Endrin	20	85.61	0.0114	ND	17
Endosulfan II	20	85.61	0.0091	ND	NLE
4,4'-DDD	20	85.61	0.0137	0.018	3
Endrin Aldehyde	20	85.61	0.0114	ND	NLE
4,4'-DDT	20	85.61	0.0251	0.053	2
Endosulfan-Sulfate	20	85.61	0.0091	ND	NLE
gamma -Chlordane	20	85.61	0.0114	ND	NLE
alpha-Chlordane	20	85.61	0.0114	ND	NLE
Toxaphene	20	85.61	0.0068	ND	0.1
Arochlor 1016	20	85.61	0.2553	ND	0.49
Arochlor 1221	20	85.61	0.4695	ND	0.49
Arochlor 1232	20	85.61	0.3191	ND	0.49
Arochlor 1242	20	85.61	0.3647	ND	0.49
Arochlor 1248	20	85.61	0.1459	ND	0.49
Arochlor 1254	20	85.61	0.0912	ND	0.49
Arochlor 1260	20	85.61	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

001907

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4466.14
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/6/99
	Bldg. 173	**Extraction Date:**	5/10/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/18/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
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	90.92	0.0065	ND	NLE
beta-BHC	20	90.92	0.0065	ND	NLE
gamma-BHC	20	90.92	0.0087	ND	0.52
delta-BHC	20	90.92	0.0087	ND	NLE
Heptachlor	20	90.92	0.0065	ND	0.15
Aldrin	20	90.92	0.0087	ND	0.04
Heptachlor Epoxide	20	90.92	0.0130	ND	NLE
Endosulfan I	20	90.92	0.0108	ND	NLE
4,4'-DDE	20	90.92	0.0087	0.009	2
Dieldrin	20	90.92	0.0108	ND	0.042
Endrin	20	90.92	0.0108	ND	17
Endosulfan II	20	90.92	0.0087	ND	NLE
4,4'-DDD	20	90.92	0.0130	0.017	3
Endrin Aldehyde	20	90.92	0.0108	ND	NLE
4,4'-DDT	20	90.92	0.0239	0.088	2
Endosulfan-Sulfate	20	90.92	0.0087	ND	NLE
gamma -Chlordane	20	90.92	0.0108	ND	NLE
alpha-Chlordane	20	90.92	0.0108	ND	NLE
Toxaphene	20	90.92	0.0065	ND	0.1
Arochlor 1016	20	90.92	0.2430	ND	0.49
Arochlor 1221	20	90.92	0.4469	ND	0.49
Arochlor 1232	20	90.92	0.3037	ND	0.49
Arochlor 1242	20	90.92	0.3471	ND	0.49
Arochlor 1248	20	90.92	0.1388	ND	0.49
Arochlor 1254	20	90.92	0.0868	ND	0.49
Arochlor 1260	20	90.92	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 # :**	4472.32
	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-2
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	Field Dupe

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	75.02	0.0079	ND	NLE
beta-BHC	20	75.02	0.0079	ND	NLE
gamma-BHC	20	75.02	0.0106	ND	0.52
delta-BHC	20	75.02	0.0106	ND	NLE
Heptachlor	20	75.02	0.0079	ND	0.15
Aldrin	20	75.02	0.0106	ND	0.04
Heptachlor Epoxide	20	75.02	0.0158	ND	NLE
Endosulfan I	20	75.02	0.0132	ND	NLE
4,4'-DDE	20	75.02	0.0106	0.032	2
Dieldrin	20	75.02	0.0132	ND	0.042
Endrin	20	75.02	0.0132	ND	17
Endosulfan II	20	75.02	0.0106	ND	NLE
4,4'-DDD	20	75.02	0.0158	0.163	3
Endrin Aldehyde	20	75.02	0.0132	ND	NLE
4,4'-DDT	20	75.02	0.0290	ND	2
Endosulfan-Sulfate	20	75.02	0.0106	ND	NLE
gamma -Chlordane	20	75.02	0.0132	ND	NLE
alpha-Chlordane	20	75.02	0.0132	ND	NLE
Toxaphene	20	75.02	0.0079	ND	0.1
Arochlor 1016	5	75.02	0.0739	ND	0.49
Arochlor 1221	5	75.02	0.1359	ND	0.49
Arochlor 1232	5	75.02	0.0924	ND	0.49
Arochlor 1242	5	75.02	0.1056	ND	0.49
Arochlor 1248	5	75.02	0.0422	ND	0.49
Arochlor 1254	5	75.02	0.0264	ND	0.49
Arochlor 1260	5	75.02	0.0238	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

001909

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4485.28
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/14/99
	Bldg. 173	**Extraction Date:**	5/19/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/28/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	DUP

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	72.59	0.0083	ND	NLE
beta-BHC	20	72.59	0.0083	ND	NLE
gamma-BHC	20	72.59	0.0110	ND	0.52
delta-BHC	20	72.59	0.0110	ND	NLE
Heptachlor	20	72.59	0.0083	ND	0.15
Aldrin	20	72.59	0.0110	ND	0.04
Heptachlor Epoxide	20	72.59	0.0165	ND	NLE
Endosulfan I	20	72.59	0.0138	ND	NLE
4,4'-DDE	20	72.59	0.0110	0.058	2
Dieldrin	20	72.59	0.0138	ND	0.042
Endrin	20	72.59	0.0138	ND	17
Endosulfan II	20	72.59	0.0110	ND	NLE
4,4'-DDD	20	72.59	0.0165	0.032	3
Endrin Aldehyde	20	72.59	0.0138	ND	NLE
4,4'-DDT	20	72.59	0.0303	ND	2
Endosulfan-Sulfate	20	72.59	0.0110	ND	NLE
gamma -Chlordane	20	72.59	0.0138	ND	NLE
alpha-Chlordane	20	72.59	0.0138	ND	NLE
Toxaphene	20	72.59	0.0083	ND	0.1
Arochlor 1016	5	72.59	0.0771	ND	0.49
Arochlor 1221	5	72.59	0.1418	ND	0.49
Arochlor 1232	5	72.59	0.0963	ND	0.49
Arochlor 1242	5	72.59	0.1101	ND	0.49
Arochlor 1248	5	72.59	0.0440	ND	0.49
Arochlor 1254	5	72.59	0.0275	ND	0.49
Arochlor 1260	5	72.59	0.0248	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

001910

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4530.18
	DPW. SELFM-PW-EV	**Date Rec'd:**	6/2/99
	Bldg. 173	**Extraction Date:**	6/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/25/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
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	90.83	0.0064	ND	NLE
beta-BHC	20	90.83	0.0064	ND	NLE
gamma-BHC	20	90.83	0.0085	ND	0.52
delta-BHC	20	90.83	0.0085	ND	NLE
Heptachlor	20	90.83	0.0064	ND	0.15
Aldrin	20	90.83	0.0085	ND	0.04
Heptachlor Epoxide	20	90.83	0.0128	ND	NLE
Endosulfan I	20	90.83	0.0106	ND	NLE
4,4'-DDE	20	90.83	0.0085	0.036	2
Dieldrin	20	90.83	0.0106	ND	0.042
Endrin	20	90.83	0.0106	ND	17
Endosulfan II	20	90.83	0.0085	ND	NLE
4,4'-DDD	20	90.83	0.0128	ND	3
Endrin Aldehyde	20	90.83	0.0106	ND	NLE
4,4'-DDT	20	90.83	0.0234	0.036	2
Endosulfan-Sulfate	20	90.83	0.0085	ND	NLE
gamma -Chlordane	20	90.83	0.0106	ND	NLE
alpha-Chlordane	20	90.83	0.0106	ND	NLE
Toxaphene	20	90.83	0.0064	ND	0.1
Arochlor 1016	20	90.83	0.2383	ND	0.49
Arochlor 1221	20	90.83	0.4383	ND	0.49
Arochlor 1232	20	90.83	0.2978	ND	0.49
Arochlor 1242	20	90.83	0.3404	ND	0.49
Arochlor 1248	20	90.83	0.1362	ND	0.49
Arochlor 1254	20	90.83	0.0851	ND	0.49
Arochlor 1260	20	90.83	0.0766	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

001911

SAMPLES

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4286.02
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/19/99
	Bldg. 173	**Extraction Date:**	2/22/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/4/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	4

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	83.88	0.0066	ND	NLE
beta-BHC	20	83.88	0.0066	ND	NLE
gamma-BHC	20	83.88	0.0088	ND	0.52
delta-BHC	20	83.88	0.0088	ND	NLE
Heptachlor	20	83.88	0.0066	ND	0.15
Aldrin	20	83.88	0.0088	ND	0.04
Heptachlor Epoxide	20	83.88	0.0132	ND	NLE
Endosulfan I	20	83.88	0.0110	ND	NLE
4,4'-DDE	20	83.88	0.0088	ND	2
Dieldrin	20	83.88	0.0110	ND	0.042
Endrin	20	83.88	0.0110	ND	17
Endosulfan II	20	83.88	0.0088	ND	NLE
4,4'-DDD	20	83.88	0.0132	ND	3
Endrin Aldehyde	20	83.88	0.0110	ND	NLE
4,4'-DDT	20	83.88	0.0243	ND	2
Endosulfan-Sulfate	20	83.88	0.0088	ND	NLE
gamma -Chlordane	20	83.88	0.0110	ND	NLE
alpha-Chlordane	20	83.88	0.0110	ND	NLE
Toxaphene	20	83.88	0.0066	ND	0.1
Arochlor 1016	20	83.88	0.2470	ND	0.49
Arochlor 1221	20	83.88	0.4544	ND	0.49
Arochlor 1232	20	83.88	0.3088	ND	0.49
Arochlor 1242	20	83.88	0.3529	ND	0.49
Arochlor 1248	20	83.88	0.1412	ND	0.49
Arochlor 1254	20	83.88	0.0882	1.000	0.49
Arochlor 1260	20	83.88	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 # :**	4286.04
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/19/99
	Bldg. 173	**Extraction Date:**	2/22/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/4/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	5

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	91.70	0.0064	ND	NLE
beta-BHC	20	91.70	0.0064	ND	NLE
gamma-BHC	20	91.70	0.0085	ND	0.52
delta-BHC	20	91.70	0.0085	ND	NLE
Heptachlor	20	91.70	0.0064	ND	0.15
Aldrin	20	91.70	0.0085	ND	0.04
Heptachlor Epoxide	20	91.70	0.0127	ND	NLE
Endosulfan I	20	91.70	0.0106	ND	NLE
4,4'-DDE	20	91.70	0.0085	0.016	2
Dieldrin	20	91.70	0.0106	ND	0.042
Endrin	20	91.70	0.0106	ND	17
Endosulfan II	20	91.70	0.0085	ND	NLE
4,4'-DDD	20	91.70	0.0127	ND	3
Endrin Aldehyde	20	91.70	0.0106	ND	NLE
4,4'-DDT	20	91.70	0.0233	0.040	2
Endosulfan-Sulfate	20	91.70	0.0085	ND	NLE
gamma -Chlordane	20	91.70	0.0106	ND	NLE
alpha-Chlordane	20	91.70	0.0106	ND	NLE
Toxaphene	20	91.70	0.0064	ND	0.1
Arochlor 1016	20	91.70	0.2376	ND	0.49
Arochlor 1221	20	91.70	0.4371	ND	0.49
Arochlor 1232	20	91.70	0.2970	ND	0.49
Arochlor 1242	20	91.70	0.3395	ND	0.49
Arochlor 1248	20	91.70	0.1358	ND	0.49
Arochlor 1254	20	91.70	0.0849	ND	0.49
Arochlor 1260	20	91.70	0.0764	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

001914

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4286.06
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/19/99
	Bldg. 173	**Extraction Date:**	2/22/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/4/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	6

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	90.99	0.0065	ND	NLE
beta-BHC	20	90.99	0.0065	ND	NLE
gamma-BHC	20	90.99	0.0086	ND	0.52
delta-BHC	20	90.99	0.0086	ND	NLE
Heptachlor	20	90.99	0.0065	ND	0.15
Aldrin	20	90.99	0.0086	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	0.0086	0.019	2
Dieldrin	20	90.99	0.0108	ND	0.042
Endrin	20	90.99	0.0108	ND	17
Endosulfan II	20	90.99	0.0086	ND	NLE
4,4'-DDD	20	90.99	0.0130	0.021	3
Endrin Aldehyde	20	90.99	0.0108	ND	NLE
4,4'-DDT	20	90.99	0.0238	ND	2
Endosulfan-Sulfate	20	90.99	0.0086	ND	NLE
gamma -Chlordane	20	90.99	0.0108	ND	NLE
alpha-Chlordane	20	90.99	0.0108	ND	NLE
Toxaphene	20	90.99	0.0065	ND	0.1
Arochlor 1016	20	90.99	0.2421	ND	0.49
Arochlor 1221	20	90.99	0.4452	ND	0.49
Arochlor 1232	20	90.99	0.3026	ND	0.49
Arochlor 1242	20	90.99	0.3458	ND	0.49
Arochlor 1248	20	90.99	0.1383	ND	0.49
Arochlor 1254	20	90.99	0.0865	ND	0.49
Arochlor 1260	20	90.99	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

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4295.02
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/23/99
	Bldg. 173	**Extraction Date:**	2/25/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/5/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	13

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	91.25	0.0061	ND	NLE
beta-BHC	20	91.25	0.0061	ND	NLE
gamma-BHC	20	91.25	0.0082	ND	0.52
delta-BHC	20	91.25	0.0082	ND	NLE
Heptachlor	20	91.25	0.0061	ND	0.15
Aldrin	20	91.25	0.0082	ND	0.04
Heptachlor Epoxide	20	91.25	0.0123	ND	NLE
Endosulfan I	20	91.25	0.0102	ND	NLE
4,4'-DDE	20	91.25	0.0082	ND	2
Dieldrin	20	91.25	0.0102	ND	0.042
Endrin	20	91.25	0.0102	ND	17
Endosulfan II	20	91.25	0.0082	ND	NLE
4,4'-DDD	20	91.25	0.0123	ND	3
Endrin Aldehyde	20	91.25	0.0102	ND	NLE
4,4'-DDT	20	91.25	0.0225	ND	2
Endosulfan-Sulfate	20	91.25	0.0082	ND	NLE
gamma -Chlordane	20	91.25	0.0102	ND	NLE
alpha-Chlordane	20	91.25	0.0102	ND	NLE
Toxaphene	20	91.25	0.0061	ND	0.1
Arochlor 1016	20	91.25	0.2294	ND	0.49
Arochlor 1221	20	91.25	0.4220	ND	0.49
Arochlor 1232	20	91.25	0.2868	ND	0.49
Arochlor 1242	20	91.25	0.3277	ND	0.49
Arochlor 1248	20	91.25	0.1311	ND	0.49
Arochlor 1254	20	91.25	0.0819	ND	0.49
Arochlor 1260	20	91.25	0.0737	ND	0.49

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

001916

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4295.04
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/23/99
	Bldg. 173	**Extraction Date:**	2/25/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/5/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
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	20	80.92	0.0072	ND	NLE
beta-BHC	20	80.92	0.0072	ND	NLE
gamma-BHC	20	80.92	0.0095	ND	0.52
delta-BHC	20	80.92	0.0095	ND	NLE
Heptachlor	20	80.92	0.0072	ND	0.15
Aldrin	20	80.92	0.0095	ND	0.04
Heptachlor Epoxide	20	80.92	0.0143	ND	NLE
Endosulfan I	20	80.92	0.0119	ND	NLE
4,4'-DDE	20	80.92	0.0095	0.069	2
Dieldrin	20	80.92	0.0119	ND	0.042
Endrin	20	80.92	0.0119	ND	17
Endosulfan II	20	80.92	0.0095	ND	NLE
4,4'-DDD	20	80.92	0.0143	0.069	3
Endrin Aldehyde	20	80.92	0.0119	ND	NLE
4,4'-DDT	20	80.92	0.0262	0.079	2
Endosulfan-Sulfate	20	80.92	0.0095	ND	NLE
gamma -Chlordane	20	80.92	0.0119	ND	NLE
alpha-Chlordane	20	80.92	0.0119	ND	NLE
Toxaphene	20	80.92	0.0072	ND	0.1
Arochlor 1016	20	80.92	0.2672	ND	0.49
Arochlor 1221	20	80.92	0.4915	ND	0.49
Arochlor 1232	20	80.92	0.3340	ND	0.49
Arochlor 1242	20	80.92	0.3817	ND	0.49
Arochlor 1248	20	80.92	0.1527	ND	0.49
Arochlor 1254	20	80.92	0.0954	ND	0.49
Arochlor 1260	20	80.92	0.0859	ND	0.49

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

001917

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4295.06
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/23/99
	Bldg. 173	**Extraction Date:**	2/25/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/5/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
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	20	66.40	0.0072	ND	NLE
beta-BHC	20	66.40	0.0072	ND	NLE
gamma-BHC	20	66.40	0.0096	ND	0.52
delta-BHC	20	66.40	0.0096	ND	NLE
Heptachlor	20	66.40	0.0072	ND	0.15
Aldrin	20	66.40	0.0096	ND	0.04
Heptachlor Epoxide	20	66.40	0.0144	ND	NLE
Endosulfan I	20	66.40	0.0120	ND	NLE
4,4'-DDE	20	66.40	0.0096	0.072	2
Dieldrin	20	66.40	0.0120	0.030	0.042
Endrin	20	66.40	0.0120	ND	17
Endosulfan II	20	66.40	0.0096	ND	NLE
4,4'-DDD	20	66.40	0.0144	0.113	3
Endrin Aldehyde	20	66.40	0.0120	ND	NLE
4,4'-DDT	20	66.40	0.0263	ND	2
Endosulfan-Sulfate	20	66.40	0.0096	ND	NLE
gamma -Chlordane	20	66.40	0.0120	ND	NLE
alpha-Chlordane	20	66.40	0.0120	ND	NLE
Toxaphene	20	66.40	0.0072	ND	0.1
Arochlor 1016	20	66.40	0.2682	ND	0.49
Arochlor 1221	20	66.40	0.4932	ND	0.49
Arochlor 1232	20	66.40	0.3352	ND	0.49
Arochlor 1242	20	66.40	0.3831	ND	0.49
Arochlor 1248	20	66.40	0.1532	ND	0.49
Arochlor 1254	20	66.40	0.0958	ND	0.49
Arochlor 1260	20	66.40	0.0862	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

001918

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4298.02
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/24/99
	Bldg. 173	**Extraction Date:**	2/25/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/5/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	19

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	91.05	0.0066	ND	NLE
beta-BHC	20	91.05	0.0066	ND	NLE
gamma-BHC	20	91.05	0.0088	ND	0.52
delta-BHC	20	91.05	0.0088	ND	NLE
Heptachlor	20	91.05	0.0066	ND	0.15
Aldrin	20	91.05	0.0088	ND	0.04
Heptachlor Epoxide	20	91.05	0.0132	ND	NLE
Endosulfan I	20	91.05	0.0110	ND	NLE
4,4'-DDE	20	91.05	0.0088	0.110	2
Dieldrin	20	91.05	0.0110	ND	0.042
Endrin	20	91.05	0.0110	ND	17
Endosulfan II	20	91.05	0.0088	ND	NLE
4,4'-DDD	20	91.05	0.0132	0.040	3
Endrin Aldehyde	20	91.05	0.0110	ND	NLE
4,4'-DDT	20	91.05	0.0242	0.176	2
Endosulfan-Sulfate	20	91.05	0.0088	ND	NLE
gamma -Chlordane	20	91.05	0.0110	ND	NLE
alpha-Chlordane	20	91.05	0.0110	ND	NLE
Toxaphene	20	91.05	0.0066	ND	0.1
Arochlor 1016	20	91.05	0.2460	ND	0.49
Arochlor 1221	20	91.05	0.4525	ND	0.49
Arochlor 1232	20	91.05	0.3075	ND	0.49
Arochlor 1242	20	91.05	0.3515	ND	0.49
Arochlor 1248	20	91.05	0.1406	ND	0.49
Arochlor 1254	20	91.05	0.0879	ND	0.49
Arochlor 1260	20	91.05	0.0791	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25um

001919

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4298.04
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/24/99
	Bldg. 173	**Extraction Date:**	2/25/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/5/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
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	20	92.55	0.0064	ND	NLE
beta-BHC	20	92.55	0.0064	ND	NLE
gamma-BHC	20	92.55	0.0086	ND	0.52
delta-BHC	20	92.55	0.0086	ND	NLE
Heptachlor	20	92.55	0.0064	ND	0.15
Aldrin	20	92.55	0.0086	ND	0.04
Heptachlor Epoxide	20	92.55	0.0128	ND	NLE
Endosulfan I	20	92.55	0.0107	ND	NLE
4,4'-DDE	20	92.55	0.0086	0.012	2
Dieldrin	20	92.55	0.0107	ND	0.042
Endrin	20	92.55	0.0107	ND	17
Endosulfan II	20	92.55	0.0086	ND	NLE
4,4'-DDD	20	92.55	0.0128	0.032	3
Endrin Aldehyde	20	92.55	0.0107	ND	NLE
4,4'-DDT	20	92.55	0.0235	ND	2
Endosulfan-Sulfate	20	92.55	0.0086	ND	NLE
gamma -Chlordane	20	92.55	0.0107	ND	NLE
alpha-Chlordane	20	92.55	0.0107	ND	NLE
Toxaphene	20	92.55	0.0064	ND	0.1
Arochlor 1016	20	92.55	0.2396	ND	0.49
Arochlor 1221	20	92.55	0.4408	ND	0.49
Arochlor 1232	20	92.55	0.2995	ND	0.49
Arochlor 1242	20	92.55	0.3423	ND	0.49
Arochlor 1248	20	92.55	0.1369	ND	0.49
Arochlor 1254	20	92.55	0.0856	ND	0.49
Arochlor 1260	20	92.55	0.0770	ND	0.49

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 # :**	4298.06
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/24/99
	Bldg. 173	**Extraction Date:**	2/25/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/5/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
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	20	84.62	0.0069	ND	NLE
beta-BHC	20	84.62	0.0069	ND	NLE
gamma-BHC	20	84.62	0.0092	ND	0.52
delta-BHC	20	84.62	0.0092	ND	NLE
Heptachlor	20	84.62	0.0069	ND	0.15
Aldrin	20	84.62	0.0092	ND	0.04
Heptachlor Epoxide	20	84.62	0.0138	ND	NLE
Endosulfan I	20	84.62	0.0115	ND	NLE
4,4'-DDE	20	84.62	0.0092	0.128	2
Dieldrin	20	84.62	0.0115	ND	0.042
Endrin	20	84.62	0.0115	ND	17
Endosulfan II	20	84.62	0.0092	ND	NLE
4,4'-DDD	20	84.62	0.0138	0.078	3
Endrin Aldehyde	20	84.62	0.0115	ND	NLE
4,4'-DDT	20	84.62	0.0253	0.199	2
Endosulfan-Sulfate	20	84.62	0.0092	ND	NLE
gamma -Chlordane	20	84.62	0.0115	ND	NLE
alpha-Chlordane	20	84.62	0.0115	ND	NLE
Toxaphene	20	84.62	0.0069	ND	0.1
Arochlor 1016	20	84.62	0.2573	ND	0.49
Arochlor 1221	20	84.62	0.4732	ND	0.49
Arochlor 1232	20	84.62	0.3216	ND	0.49
Arochlor 1242	20	84.62	0.3675	ND	0.49
Arochlor 1248	20	84.62	0.1470	ND	0.49
Arochlor 1254	20	84.62	0.0919	ND	0.49
Arochlor 1260	20	84.62	0.0827	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4298.08
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/24/99
	Bldg. 173	**Extraction Date:**	2/25/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/5/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
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	83.52	0.0071	ND	NLE
beta-BHC	20	83.52	0.0071	ND	NLE
gamma-BHC	20	83.52	0.0095	ND	0.52
delta-BHC	20	83.52	0.0095	ND	NLE
Heptachlor	20	83.52	0.0071	ND	0.15
Aldrin	20	83.52	0.0095	ND	0.04
Heptachlor Epoxide	20	83.52	0.0143	ND	NLE
Endosulfan I	20	83.52	0.0119	ND	NLE
4,4'-DDE	20	83.52	0.0095	0.063	2
Dieldrin	20	83.52	0.0119	ND	0.042
Endrin	20	83.52	0.0119	ND	17
Endosulfan II	20	83.52	0.0095	ND	NLE
4,4'-DDD	20	83.52	0.0143	ND	3
Endrin Aldehyde	20	83.52	0.0119	ND	NLE
4,4'-DDT	20	83.52	0.0262	0.092	2
Endosulfan-Sulfate	20	83.52	0.0095	ND	NLE
gamma -Chlordane	20	83.52	0.0119	ND	NLE
alpha-Chlordane	20	83.52	0.0119	ND	NLE
Toxaphene	20	83.52	0.0071	ND	0.1
Arochlor 1016	20	83.52	0.2663	ND	0.49
Arochlor 1221	20	83.52	0.4899	ND	0.49
Arochlor 1232	20	83.52	0.3329	ND	0.49
Arochlor 1242	20	83.52	0.3805	ND	0.49
Arochlor 1248	20	83.52	0.1522	ND	0.49
Arochlor 1254	20	83.52	0.0951	ND	0.49
Arochlor 1260	20	83.52	0.0856	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4298.10
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/24/99
	Bldg. 173	**Extraction Date:**	2/25/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/5/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
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	86.25	0.0069	ND	NLE
beta-BHC	20	86.25	0.0069	ND	NLE
gamma-BHC	20	86.25	0.0091	ND	0.52
delta-BHC	20	86.25	0.0091	ND	NLE
Heptachlor	20	86.25	0.0069	ND	0.15
Aldrin	20	86.25	0.0091	ND	0.04
Heptachlor Epoxide	20	86.25	0.0137	ND	NLE
Endosulfan I	20	86.25	0.0114	ND	NLE
4,4'-DDE	20	86.25	0.0091	0.220	2
Dieldrin	20	86.25	0.0114	ND	0.042
Endrin	20	86.25	0.0114	ND	17
Endosulfan II	20	86.25	0.0091	ND	NLE
4,4'-DDD	20	86.25	0.0137	0.086	3
Endrin Aldehyde	20	86.25	0.0114	ND	NLE
4,4'-DDT	20	86.25	0.0252	0.610	2
Endosulfan-Sulfate	20	86.25	0.0091	ND	NLE
gamma -Chlordane	20	86.25	0.0114	ND	NLE
alpha-Chlordane	20	86.25	0.0114	ND	NLE
Toxaphene	20	86.25	0.0069	ND	0.1
Arochlor 1016	20	86.25	0.2561	ND	0.49
Arochlor 1221	20	86.25	0.4711	ND	0.49
Arochlor 1232	20	86.25	0.3202	ND	0.49
Arochlor 1242	20	86.25	0.3659	ND	0.49
Arochlor 1248	20	86.25	0.1464	ND	0.49
Arochlor 1254	20	86.25	0.0915	ND	0.49
Arochlor 1260	20	86.25	0.0823	ND	0.49

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 # :**	4298.12
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/24/99
	Bldg. 173	**Extraction Date:**	2/25/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/5/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
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	88.15	0.0066	ND	NLE
beta-BHC	20	88.15	0.0066	ND	NLE
gamma-BHC	20	88.15	0.0088	ND	0.52
delta-BHC	20	88.15	0.0088	ND	NLE
Heptachlor	20	88.15	0.0066	ND	0.15
Aldrin	20	88.15	0.0088	ND	0.04
Heptachlor Epoxide	20	88.15	0.0131	ND	NLE
Endosulfan I	20	88.15	0.0109	ND	NLE
4,4'-DDE	20	88.15	0.0088	0.050	2
Dieldrin	20	88.15	0.0109	ND	0.042
Endrin	20	88.15	0.0109	ND	17
Endosulfan II	20	88.15	0.0088	ND	NLE
4,4'-DDD	20	88.15	0.0131	0.021	3
Endrin Aldehyde	20	88.15	0.0109	ND	NLE
4,4'-DDT	20	88.15	0.0241	0.064	2
Endosulfan-Sulfate	20	88.15	0.0088	ND	NLE
gamma -Chlordane	20	88.15	0.0109	ND	NLE
alpha-Chlordane	20	88.15	0.0109	ND	NLE
Toxaphene	20	88.15	0.0066	ND	0.1
Arochlor 1016	20	88.15	0.2450	ND	0.49
Arochlor 1221	20	88.15	0.4507	ND	0.49
Arochlor 1232	20	88.15	0.3063	ND	0.49
Arochlor 1242	20	88.15	0.3501	ND	0.49
Arochlor 1248	20	88.15	0.1400	ND	0.49
Arochlor 1254	20	88.15	0.0875	ND	0.49
Arochlor 1260	20	88.15	0.0788	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4327.02
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/8/99
	Bldg. 173	**Extraction Date:**	3/15/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/25/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	31

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	**20**	**63.11**	**0.0096**	**ND**	**NLE**
beta-BHC	**20**	**63.11**	**0.0096**	**ND**	**NLE**
gamma-BHC	**20**	**63.11**	**0.0128**	**ND**	**0.52**
delta-BHC	**20**	**63.11**	**0.0128**	**ND**	**NLE**
Heptachlor	**20**	**63.11**	**0.0096**	**ND**	**0.15**
Aldrin	**20**	**63.11**	**0.0128**	**ND**	**0.04**
Heptachlor Epoxide	**20**	**63.11**	**0.0191**	**ND**	**NLE**
Endosulfan I	**20**	**63.11**	**0.0159**	**ND**	**NLE**
4,4'-DDE	**20**	**63.11**	**0.0128**	**0.052**	**2**
Dieldrin	**20**	**63.11**	**0.0159**	**0.040**	**0.042**
Endrin	**20**	**63.11**	**0.0159**	**ND**	**17**
Endosulfan II	**20**	**63.11**	**0.0128**	**ND**	**NLE**
4,4'-DDD	**20**	**63.11**	**0.0191**	**0.042**	**3**
Endrin Aldehyde	**20**	**63.11**	**0.0159**	**ND**	**NLE**
4,4'-DDT	**20**	**63.11**	**0.0351**	**0.044**	**2**
Endosulfan-Sulfate	**20**	**63.11**	**0.0128**	**ND**	**NLE**
gamma -Chlordane	**20**	**63.11**	**0.0159**	**ND**	**NLE**
alpha-Chlordane	**20**	**63.11**	**0.0159**	**ND**	**NLE**
Toxaphene	**20**	**63.11**	**0.0096**	**ND**	**0.1**
Arochlor 1016	**20**	**63.11**	**0.3571**	**ND**	**0.49**
Arochlor 1221	**20**	**63.11**	**0.4927**	**ND**	**0.49**
Arochlor 1232	**20**	**63.11**	**0.4463**	**ND**	**0.49**
Arochlor 1242	**20**	**63.11**	**0.5101**	**ND**	**0.49**
Arochlor 1248	**20**	**63.11**	**0.2040**	**ND**	**0.49**
Arochlor 1254	**20**	**63.11**	**0.1275**	**ND**	**0.49**
Arochlor 1260	**20**	**63.11**	**0.1148**	**ND**	**0.49**

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 # :**	4327.04
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/8/99
	Bldg. 173	**Extraction Date:**	3/15/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/25/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
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	88.67	0.0068	ND	NLE
beta-BHC	20	88.67	0.0068	ND	NLE
gamma-BHC	20	88.67	0.0091	ND	0.52
delta-BHC	20	88.67	0.0091	ND	NLE
Heptachlor	20	88.67	0.0068	ND	0.15
Aldrin	20	88.67	0.0091	ND	0.04
Heptachlor Epoxide	20	88.67	0.0136	ND	NLE
Endosulfan I	20	88.67	0.0113	ND	NLE
4,4'-DDE	20	88.67	0.0091	0.041	2
Dieldrin	20	88.67	0.0113	0.014	0.042
Endrin	20	88.67	0.0113	ND	17
Endosulfan II	20	88.67	0.0091	ND	NLE
4,4'-DDD	20	88.67	0.0136	0.092	3
Endrin Aldehyde	20	88.67	0.0113	ND	NLE
4,4'-DDT	20	88.67	0.0249	0.037	2
Endosulfan-Sulfate	20	88.67	0.0091	ND	NLE
gamma -Chlordane	20	88.67	0.0113	ND	NLE
alpha-Chlordane	20	88.67	0.0113	ND	NLE
Toxaphene	20	88.67	0.0068	ND	0.1
Arochlor 1016	20	88.67	0.2539	ND	0.49
Arochlor 1221	20	88.67	0.4670	ND	0.49
Arochlor 1232	20	88.67	0.3174	ND	0.49
Arochlor 1242	20	88.67	0.3627	ND	0.49
Arochlor 1248	20	88.67	0.1451	ND	0.49
Arochlor 1254	20	88.67	0.0907	ND	0.49
Arochlor 1260	20	88.67	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 # :**	4327.06
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/8/99
	Bldg. 173	**Extraction Date:**	3/15/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/25/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
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	85.60	0.0065	ND	NLE
beta-BHC	20	85.60	0.0065	ND	NLE
gamma-BHC	20	85.60	0.0087	ND	0.52
delta-BHC	20	85.60	0.0087	ND	NLE
Heptachlor	20	85.60	0.0065	ND	0.15
Aldrin	20	85.60	0.0087	ND	0.04
Heptachlor Epoxide	20	85.60	0.0130	ND	NLE
Endosulfan I	20	85.60	0.0108	ND	NLE
4,4'-DDE	20	85.60	0.0087	0.015	2
Dieldrin	20	85.60	0.0108	ND	0.042
Endrin	20	85.60	0.0108	ND	17
Endosulfan II	20	85.60	0.0087	ND	NLE
4,4'-DDD	20	85.60	0.0130	0.022	3
Endrin Aldehyde	20	85.60	0.0108	ND	NLE
4,4'-DDT	20	85.60	0.0239	ND	2
Endosulfan-Sulfate	20	85.60	0.0087	ND	NLE
gamma -Chlordane	20	85.60	0.0108	ND	NLE
alpha-Chlordane	20	85.60	0.0108	ND	NLE
Toxaphene	20	85.60	0.0065	ND	0.1
Arochlor 1016	20	85.60	0.2430	ND	0.49
Arochlor 1221	20	85.60	0.4469	ND	0.49
Arochlor 1232	20	85.60	0.3037	ND	0.49
Arochlor 1242	20	85.60	0.3471	ND	0.49
Arochlor 1248	20	85.60	0.1388	ND	0.49
Arochlor 1254	20	85.60	0.0868	ND	0.49
Arochlor 1260	20	85.60	0.0781	ND	0.49

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 # :**	4331.02
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/9/99
	Bldg. 173	**Extraction Date:**	3/15/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/25/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	34

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	88.89	0.0065	ND	NLE
beta-BHC	20	88.89	0.0065	ND	NLE
gamma-BHC	20	88.89	0.0087	ND	0.52
delta-BHC	20	88.89	0.0087	ND	NLE
Heptachlor	20	88.89	0.0065	ND	0.15
Aldrin	20	88.89	0.0087	ND	0.04
Heptachlor Epoxide	20	88.89	0.0131	ND	NLE
Endosulfan I	20	88.89	0.0109	ND	NLE
4,4'-DDE	20	88.89	0.0087	0.028	2
Dieldrin	20	88.89	0.0109	ND	0.042
Endrin	20	88.89	0.0109	ND	17
Endosulfan II	20	88.89	0.0087	ND	NLE
4,4'-DDD	20	88.89	0.0131	0.031	3
Endrin Aldehyde	20	88.89	0.0109	ND	NLE
4,4'-DDT	20	88.89	0.0240	ND	2
Endosulfan-Sulfate	20	88.89	0.0087	ND	NLE
gamma -Chlordane	20	88.89	0.0109	ND	NLE
alpha-Chlordane	20	88.89	0.0109	ND	NLE
Toxaphene	20	88.89	0.0065	ND	0.1
Arochlor 1016	20	88.89	0.2442	ND	0.49
Arochlor 1221	20	88.89	0.4491	ND	0.49
Arochlor 1232	20	88.89	0.3052	ND	0.49
Arochlor 1242	20	88.89	0.3488	ND	0.49
Arochlor 1248	20	88.89	0.1395	ND	0.49
Arochlor 1254	20	88.89	0.0872	ND	0.49
Arochlor 1260	20	88.89	0.0785	ND	0.49

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 # :**	4331.04
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/9/99
	Bldg. 173	**Extraction Date:**	3/15/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/25/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
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	87.90	0.0067	ND	NLE
beta-BHC	20	87.90	0.0067	ND	NLE
gamma-BHC	20	87.90	0.0089	ND	0.52
delta-BHC	20	87.90	0.0089	ND	NLE
Heptachlor	20	87.90	0.0067	ND	0.15
Aldrin	20	87.90	0.0089	ND	0.04
Heptachlor Epoxide	20	87.90	0.0133	ND	NLE
Endosulfan I	20	87.90	0.0111	ND	NLE
4,4'-DDE	20	87.90	0.0089	0.020	2
Dieldrin	20	87.90	0.0111	ND	0.042
Endrin	20	87.90	0.0111	ND	17
Endosulfan II	20	87.90	0.0089	ND	NLE
4,4'-DDD	20	87.90	0.0133	ND	3
Endrin Aldehyde	20	87.90	0.0111	ND	NLE
4,4'-DDT	20	87.90	0.0244	ND	2
Endosulfan-Sulfate	20	87.90	0.0089	ND	NLE
gamma -Chlordane	20	87.90	0.0111	ND	NLE
alpha-Chlordane	20	87.90	0.0111	ND	NLE
Toxaphene	20	87.90	0.0067	ND	0.1
Arochlor 1016	20	87.90	0.2484	ND	0.49
Arochlor 1221	20	87.90	0.4568	ND	0.49
Arochlor 1232	20	87.90	0.3105	ND	0.49
Arochlor 1242	20	87.90	0.3548	ND	0.49
Arochlor 1248	20	87.90	0.1419	ND	0.49
Arochlor 1254	20	87.90	0.0887	ND	0.49
Arochlor 1260	20	87.90	0.0798	ND	0.49

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 # :**	4331.06
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/9/99
	Bldg. 173	**Extraction Date:**	3/15/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/25/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
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	87.17	0.0063	ND	NLE
beta-BHC	20	87.17	0.0063	ND	NLE
gamma-BHC	20	87.17	0.0084	ND	0.52
delta-BHC	20	87.17	0.0084	ND	NLE
Heptachlor	20	87.17	0.0063	ND	0.15
Aldrin	20	87.17	0.0084	ND	0.04
Heptachlor Epoxide	20	87.17	0.0126	ND	NLE
Endosulfan I	20	87.17	0.0105	ND	NLE
4,4'-DDE	20	87.17	0.0084	0.027	2
Dieldrin	20	87.17	0.0105	ND	0.042
Endrin	20	87.17	0.0105	ND	17
Endosulfan II	20	87.17	0.0084	ND	NLE
4,4'-DDD	20	87.17	0.0126	0.062	3
Endrin Aldehyde	20	87.17	0.0105	ND	NLE
4,4'-DDT	20	87.17	0.0232	0.126	2
Endosulfan-Sulfate	20	87.17	0.0084	ND	NLE
gamma -Chlordane	20	87.17	0.0105	0.029	NLE
alpha-Chlordane	20	87.17	0.0105	0.024	NLE
Toxaphene	20	87.17	0.0063	ND	0.1
Arochlor 1016	20	87.17	0.2360	ND	0.49
Arochlor 1221	20	87.17	0.4340	ND	0.49
Arochlor 1232	20	87.17	0.2950	ND	0.49
Arochlor 1242	20	87.17	0.3371	ND	0.49
Arochlor 1248	20	87.17	0.1348	ND	0.49
Arochlor 1254	20	87.17	0.0843	ND	0.49
Arochlor 1260	20	87.17	0.0758	ND	0.49

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 # :**	4331.08
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/9/99
	Bldg. 173	**Extraction Date:**	3/15/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/25/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
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	78.73	0.0067	ND	NLE
beta-BHC	20	78.73	0.0067	ND	NLE
gamma-BHC	20	78.73	0.0090	ND	0.52
delta-BHC	20	78.73	0.0090	ND	NLE
Heptachlor	20	78.73	0.0067	ND	0.15
Aldrin	20	78.73	0.0090	ND	0.04
Heptachlor Epoxide	20	78.73	0.0135	ND	NLE
Endosulfan I	20	78.73	0.0112	ND	NLE
4,4'-DDE	20	78.73	0.0090	ND	2
Dieldrin	20	78.73	0.0112	ND	0.042
Endrin	20	78.73	0.0112	ND	17
Endosulfan II	20	78.73	0.0090	ND	NLE
4,4'-DDD	20	78.73	0.0135	ND	3
Endrin Aldehyde	20	78.73	0.0112	ND	NLE
4,4'-DDT	20	78.73	0.0247	ND	2
Endosulfan-Sulfate	20	78.73	0.0090	ND	NLE
gamma -Chlordane	20	78.73	0.0112	ND	NLE
alpha-Chlordane	20	78.73	0.0112	ND	NLE
Toxaphene	20	78.73	0.0067	ND	0.1
Arochlor 1016	20	78.73	0.2518	ND	0.49
Arochlor 1221	20	78.73	0.4631	ND	0.49
Arochlor 1232	20	78.73	0.3147	ND	0.49
Arochlor 1242	20	78.73	0.3597	ND	0.49
Arochlor 1248	20	78.73	0.1439	ND	0.49
Arochlor 1254	20	78.73	0.0899	ND	0.49
Arochlor 1260	20	78.73	0.0809	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4335.02
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/10/99
	Bldg. 173	**Extraction Date:**	3/15/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/25/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	38

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	**20**	**85.54**	**0.0067**	**ND**	**NLE**
beta-BHC	**20**	**85.54**	**0.0067**	**ND**	**NLE**
gamma-BHC	**20**	**85.54**	**0.0089**	**ND**	**0.52**
delta-BHC	**20**	**85.54**	**0.0089**	**ND**	**NLE**
Heptachlor	**20**	**85.54**	**0.0067**	**ND**	**0.15**
Aldrin	**20**	**85.54**	**0.0089**	**ND**	**0.04**
Heptachlor Epoxide	**20**	**85.54**	**0.0133**	**ND**	**NLE**
Endosulfan I	**20**	**85.54**	**0.0111**	**ND**	**NLE**
4,4'-DDE	**20**	**85.54**	**0.0089**	**0.048**	**2**
Dieldrin	**20**	**85.54**	**0.0111**	**ND**	**0.042**
Endrin	**20**	**85.54**	**0.0111**	**ND**	**17**
Endosulfan II	**20**	**85.54**	**0.0089**	**ND**	**NLE**
4,4'-DDD	**20**	**85.54**	**0.0133**	**0.035**	**3**
Endrin Aldehyde	**20**	**85.54**	**0.0111**	**ND**	**NLE**
4,4'-DDT	**20**	**85.54**	**0.0245**	**0.187**	**2**
Endosulfan-Sulfate	**20**	**85.54**	**0.0089**	**ND**	**NLE**
gamma -Chlordane	**20**	**85.54**	**0.0111**	**ND**	**NLE**
alpha-Chlordane	**20**	**85.54**	**0.0111**	**ND**	**NLE**
Toxaphene	**20**	**85.54**	**0.0067**	**ND**	**0.1**
Arochlor 1016	**20**	**85.54**	**0.2492**	**ND**	**0.49**
Arochlor 1221	**20**	**85.54**	**0.4583**	**ND**	**0.49**
Arochlor 1232	**20**	**85.54**	**0.3114**	**ND**	**0.49**
Arochlor 1242	**20**	**85.54**	**0.3559**	**ND**	**0.49**
Arochlor 1248	**20**	**85.54**	**0.1424**	**ND**	**0.49**
Arochlor 1254	**20**	**85.54**	**0.0890**	**ND**	**0.49**
Arochlor 1260	**20**	**85.54**	**0.0801**	**ND**	**0.49**

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 # :**	4335.04
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/10/99
	Bldg. 173	**Extraction Date:**	3/15/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/26/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
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	86.58	0.0063	ND	NLE
beta-BHC	20	86.58	0.0063	ND	NLE
gamma-BHC	20	86.58	0.0084	ND	0.52
delta-BHC	20	86.58	0.0084	ND	NLE
Heptachlor	20	86.58	0.0063	ND	0.15
Aldrin	20	86.58	0.0084	ND	0.04
Heptachlor Epoxide	20	86.58	0.0126	ND	NLE
Endosulfan I	20	86.58	0.0105	ND	NLE
4,4'-DDE	20	86.58	0.0084	0.015	2
Dieldrin	20	86.58	0.0105	ND	0.042
Endrin	20	86.58	0.0105	ND	17
Endosulfan II	20	86.58	0.0084	ND	NLE
4,4'-DDD	20	86.58	0.0126	0.022	3
Endrin Aldehyde	20	86.58	0.0105	ND	NLE
4,4'-DDT	20	86.58	0.0231	ND	2
Endosulfan-Sulfate	20	86.58	0.0084	ND	NLE
gamma -Chlordane	20	86.58	0.0105	ND	NLE
alpha-Chlordane	20	86.58	0.0105	ND	NLE
Toxaphene	20	86.58	0.0063	ND	0.1
Arochlor 1016	20	86.58	0.2350	ND	0.49
Arochlor 1221	20	86.58	0.4322	ND	0.49
Arochlor 1232	20	86.58	0.2937	ND	0.49
Arochlor 1242	20	86.58	0.3357	ND	0.49
Arochlor 1248	20	86.58	0.1343	ND	0.49
Arochlor 1254	20	86.58	0.0839	ND	0.49
Arochlor 1260	20	86.58	0.0755	ND	0.49

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 # :**	4335.06
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/10/99
	Bldg. 173	**Extraction Date:**	3/15/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/26/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
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	87.81	0.0062	ND	NLE
beta-BHC	20	87.81	0.0062	ND	NLE
gamma-BHC	20	87.81	0.0083	ND	0.52
delta-BHC	20	87.81	0.0083	ND	NLE
Heptachlor	20	87.81	0.0062	ND	0.15
Aldrin	20	87.81	0.0083	ND	0.04
Heptachlor Epoxide	20	87.81	0.0124	ND	NLE
Endosulfan I	20	87.81	0.0104	ND	NLE
4,4'-DDE	20	87.81	0.0083	0.083	2
Dieldrin	20	87.81	0.0104	ND	0.042
Endrin	20	87.81	0.0104	ND	17
Endosulfan II	20	87.81	0.0083	ND	NLE
4,4'-DDD	20	87.81	0.0124	0.087	3
Endrin Aldehyde	20	87.81	0.0104	ND	NLE
4,4'-DDT	20	87.81	0.0228	ND	2
Endosulfan-Sulfate	20	87.81	0.0083	ND	NLE
gamma -Chlordane	20	87.81	0.0104	ND	NLE
alpha-Chlordane	20	87.81	0.0104	ND	NLE
Toxaphene	20	87.81	0.0062	ND	0.1
Arochlor 1016	20	87.81	0.2321	ND	0.49
Arochlor 1221	20	87.81	0.4269	ND	0.49
Arochlor 1232	20	87.81	0.2901	ND	0.49
Arochlor 1242	20	87.81	0.3316	ND	0.49
Arochlor 1248	20	87.81	0.1326	ND	0.49
Arochlor 1254	20	87.81	0.0829	ND	0.49
Arochlor 1260	20	87.81	0.0746	ND	0.49

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 # :**	4335.08
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/10/99
	Bldg. 173	**Extraction Date:**	3/15/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/26/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
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	86.20	0.0069	ND	NLE
beta-BHC	20	86.20	0.0069	ND	NLE
gamma-BHC	20	86.20	0.0092	ND	0.52
delta-BHC	20	86.20	0.0092	ND	NLE
Heptachlor	20	86.20	0.0069	ND	0.15
Aldrin	20	86.20	0.0092	ND	0.04
Heptachlor Epoxide	20	86.20	0.0139	ND	NLE
Endosulfan I	20	86.20	0.0116	ND	NLE
4,4'-DDE	20	86.20	0.0092	0.040	2
Dieldrin	20	86.20	0.0116	ND	0.042
Endrin	20	86.20	0.0116	ND	17
Endosulfan II	20	86.20	0.0092	ND	NLE
4,4'-DDD	20	86.20	0.0139	0.059	3
Endrin Aldehyde	20	86.20	0.0116	ND	NLE
4,4'-DDT	20	86.20	0.0254	ND	2
Endosulfan-Sulfate	20	86.20	0.0092	ND	NLE
gamma -Chlordane	20	86.20	0.0116	ND	NLE
alpha-Chlordane	20	86.20	0.0116	ND	NLE
Toxaphene	20	86.20	0.0069	ND	0.1
Arochlor 1016	20	86.20	0.2588	ND	0.49
Arochlor 1221	20	86.20	0.4761	ND	0.49
Arochlor 1232	20	86.20	0.3235	ND	0.49
Arochlor 1242	20	86.20	0.3698	ND	0.49
Arochlor 1248	20	86.20	0.1479	ND	0.49
Arochlor 1254	20	86.20	0.0924	ND	0.49
Arochlor 1260	20	86.20	0.0832	ND	0.49

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 # :**	4335.10
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/10/99
	Bldg. 173	**Extraction Date:**	3/15/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/26/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	42

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	86.03	0.0070	ND	NLE
beta-BHC	20	86.03	0.0070	ND	NLE
gamma-BHC	20	86.03	0.0093	ND	0.52
delta-BHC	20	86.03	0.0093	ND	NLE
Heptachlor	20	86.03	0.0070	ND	0.15
Aldrin	20	86.03	0.0093	ND	0.04
Heptachlor Epoxide	20	86.03	0.0139	ND	NLE
Endosulfan I	20	86.03	0.0116	ND	NLE
4,4'-DDE	20	86.03	0.0093	0.029	2
Dieldrin	20	86.03	0.0116	ND	0.042
Endrin	20	86.03	0.0116	ND	17
Endosulfan II	20	86.03	0.0093	ND	NLE
4,4'-DDD	20	86.03	0.0139	0.023	3
Endrin Aldehyde	20	86.03	0.0116	ND	NLE
4,4'-DDT	20	86.03	0.0255	ND	2
Endosulfan-Sulfate	20	86.03	0.0093	ND	NLE
gamma -Chlordane	20	86.03	0.0116	0.013	NLE
alpha-Chlordane	20	86.03	0.0116	ND	NLE
Toxaphene	20	86.03	0.0070	ND	0.1
Arochlor 1016	20	86.03	0.2599	ND	0.49
Arochlor 1221	20	86.03	0.4779	ND	0.49
Arochlor 1232	20	86.03	0.3248	ND	0.49
Arochlor 1242	20	86.03	0.3712	ND	0.49
Arochlor 1248	20	86.03	0.1485	ND	0.49
Arochlor 1254	20	86.03	0.0928	ND	0.49
Arochlor 1260	20	86.03	0.0835	ND	0.49

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

001936

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4340.02
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/11/99
	Bldg. 173	**Extraction Date:**	3/15/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/26/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	43

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	**20**	**84.10**	**0.0069**	**ND**	**NLE**
beta-BHC	**20**	**84.10**	**0.0069**	**ND**	**NLE**
gamma-BHC	**20**	**84.10**	**0.0092**	**ND**	**0.52**
delta-BHC	**20**	**84.10**	**0.0092**	**ND**	**NLE**
Heptachlor	**20**	**84.10**	**0.0069**	**ND**	**0.15**
Aldrin	**20**	**84.10**	**0.0092**	**ND**	**0.04**
Heptachlor Epoxide	**20**	**84.10**	**0.0138**	**ND**	**NLE**
Endosulfan I	**20**	**84.10**	**0.0115**	**ND**	**NLE**
4,4'-DDE	**20**	**84.10**	**0.0092**	**0.078**	**2**
Dieldrin	**20**	**84.10**	**0.0115**	**0.091**	**0.042**
Endrin	**20**	**84.10**	**0.0115**	**ND**	**17**
Endosulfan II	**20**	**84.10**	**0.0092**	**ND**	**NLE**
4,4'-DDD	**20**	**84.10**	**0.0138**	**0.173**	**3**
Endrin Aldehyde	**20**	**84.10**	**0.0115**	**ND**	**NLE**
4,4'-DDT	**20**	**84.10**	**0.0253**	**0.047**	**2**
Endosulfan-Sulfate	**20**	**84.10**	**0.0092**	**ND**	**NLE**
gamma -Chlordane	**20**	**84.10**	**0.0115**	**ND**	**NLE**
alpha-Chlordane	**20**	**84.10**	**0.0115**	**ND**	**NLE**
Toxaphene	**20**	**84.10**	**0.0069**	**ND**	**0.1**
Arochlor 1016	**20**	**84.10**	**0.2581**	**ND**	**0.49**
Arochlor 1221	**20**	**84.10**	**0.4747**	**ND**	**0.49**
Arochlor 1232	**20**	**84.10**	**0.3226**	**ND**	**0.49**
Arochlor 1242	**20**	**84.10**	**0.3687**	**ND**	**0.49**
Arochlor 1248	**20**	**84.10**	**0.1475**	**ND**	**0.49**
Arochlor 1254	**20**	**84.10**	**0.0922**	**ND**	**0.49**
Arochlor 1260	**20**	**84.10**	**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 # :**	4343.04
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/11/99
	Bldg. 173	**Extraction Date:**	3/15/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/26/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
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	84.80	0.0065	ND	NLE
beta-BHC	20	84.80	0.0065	ND	NLE
gamma-BHC	20	84.80	0.0087	ND	0.52
delta-BHC	20	84.80	0.0087	ND	NLE
Heptachlor	20	84.80	0.0065	ND	0.15
Aldrin	20	84.80	0.0087	ND	0.04
Heptachlor Epoxide	20	84.80	0.0130	ND	NLE
Endosulfan I	20	84.80	0.0108	ND	NLE
4,4'-DDE	20	84.80	0.0087	0.041	2
Dieldrin	20	84.80	0.0108	ND	0.042
Endrin	20	84.80	0.0108	ND	17
Endosulfan II	20	84.80	0.0087	ND	NLE
4,4'-DDD	20	84.80	0.0130	0.043	3
Endrin Aldehyde	20	84.80	0.0108	ND	NLE
4,4'-DDT	20	84.80	0.0238	ND	2
Endosulfan-Sulfate	20	84.80	0.0087	ND	NLE
gamma -Chlordane	20	84.80	0.0108	ND	NLE
alpha-Chlordane	20	84.80	0.0108	ND	NLE
Toxaphene	20	84.80	0.0065	ND	0.1
Arochlor 1016	20	84.80	0.2428	ND	0.49
Arochlor 1221	20	84.80	0.4466	ND	0.49
Arochlor 1232	20	84.80	0.3035	ND	0.49
Arochlor 1242	20	84.80	0.3468	ND	0.49
Arochlor 1248	20	84.80	0.1387	ND	0.49
Arochlor 1254	20	84.80	0.0867	ND	0.49
Arochlor 1260	20	84.80	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/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4349.02
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/16/99
	Bldg. 173	**Extraction Date:**	3/17/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/29/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	45

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	86.90	0.0069	ND	NLE
beta-BHC	20	86.90	0.0069	ND	NLE
gamma-BHC	20	86.90	0.0092	ND	0.52
delta-BHC	20	86.90	0.0092	ND	NLE
Heptachlor	20	86.90	0.0069	ND	0.15
Aldrin	20	86.90	0.0092	ND	0.04
Heptachlor Epoxide	20	86.90	0.0137	ND	NLE
Endosulfan I	20	86.90	0.0115	ND	NLE
4,4'-DDE	20	86.90	0.0092	0.095	2
Dieldrin	20	86.90	0.0115	ND	0.042
Endrin	20	86.90	0.0115	ND	17
Endosulfan II	20	86.90	0.0092	ND	NLE
4,4'-DDD	20	86.90	0.0137	ND	3
Endrin Aldehyde	20	86.90	0.0115	ND	NLE
4,4'-DDT	20	86.90	0.0252	ND	2
Endosulfan-Sulfate	20	86.90	0.0092	ND	NLE
gamma -Chlordane	20	86.90	0.0115	ND	NLE
alpha-Chlordane	20	86.90	0.0115	ND	NLE
Toxaphene	20	86.90	0.0069	ND	0.1
Arochlor 1016	20	86.90	0.2565	ND	0.49
Arochlor 1221	20	86.90	0.4717	ND	0.49
Arochlor 1232	20	86.90	0.3206	ND	0.49
Arochlor 1242	20	86.90	0.3664	ND	0.49
Arochlor 1248	20	86.90	0.1466	ND	0.49
Arochlor 1254	20	86.90	0.0916	ND	0.49
Arochlor 1260	20	86.90	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/.25u

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4349.04
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/16/99
	Bldg. 173	**Extraction Date:**	3/17/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/29/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
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	87.73	0.0068	ND	NLE
beta-BHC	20	87.73	0.0068	ND	NLE
gamma-BHC	20	87.73	0.0091	ND	0.52
delta-BHC	20	87.73	0.0091	ND	NLE
Heptachlor	20	87.73	0.0068	ND	0.15
Aldrin	20	87.73	0.0091	ND	0.04
Heptachlor Epoxide	20	87.73	0.0136	ND	NLE
Endosulfan I	20	87.73	0.0114	ND	NLE
4,4'-DDE	20	87.73	0.0091	0.098	2
Dieldrin	20	87.73	0.0114	0.015	0.042
Endrin	20	87.73	0.0114	ND	17
Endosulfan II	20	87.73	0.0091	ND	NLE
4,4'-DDD	20	87.73	0.0136	0.116	3
Endrin Aldehyde	20	87.73	0.0114	ND	NLE
4,4'-DDT	20	87.73	0.0250	0.058	2
Endosulfan-Sulfate	20	87.73	0.0091	ND	NLE
gamma -Chlordane	20	87.73	0.0114	ND	NLE
alpha-Chlordane	20	87.73	0.0114	ND	NLE
Toxaphene	20	87.73	0.0068	ND	0.1
Arochlor 1016	20	87.73	0.2543	ND	0.49
Arochlor 1221	20	87.73	0.4678	ND	0.49
Arochlor 1232	20	87.73	0.3179	ND	0.49
Arochlor 1242	20	87.73	0.3633	ND	0.49
Arochlor 1248	20	87.73	0.1453	ND	0.49
Arochlor 1254	20	87.73	0.0908	ND	0.49
Arochlor 1260	20	87.73	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

001940

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4349.06
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/16/99
	Bldg. 173	**Extraction Date:**	3/17/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/29/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
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	88.19	0.0068	ND	NLE
beta-BHC	20	88.19	0.0068	ND	NLE
gamma-BHC	20	88.19	0.0090	0.009	0.52
delta-BHC	20	88.19	0.0090	ND	NLE
Heptachlor	20	88.19	0.0068	ND	0.15
Aldrin	20	88.19	0.0090	ND	0.04
Heptachlor Epoxide	20	88.19	0.0135	ND	NLE
Endosulfan I	20	88.19	0.0113	ND	NLE
4,4'-DDE	20	88.19	0.0090	0.050	2
Dieldrin	20	88.19	0.0113	0.019	0.042
Endrin	20	88.19	0.0113	0.019	17
Endosulfan II	20	88.19	0.0090	ND	NLE
4,4'-DDD	20	88.19	0.0135	0.038	3
Endrin Aldehyde	20	88.19	0.0113	ND	NLE
4,4'-DDT	20	88.19	0.0248	0.305	2
Endosulfan-Sulfate	20	88.19	0.0090	ND	NLE
gamma -Chlordane	20	88.19	0.0113	ND	NLE
alpha-Chlordane	20	88.19	0.0113	ND	NLE
Toxaphene	20	88.19	0.0068	ND	0.1
Arochlor 1016	20	88.19	0.2527	ND	0.49
Arochlor 1221	20	88.19	0.4648	ND	0.49
Arochlor 1232	20	88.19	0.3159	ND	0.49
Arochlor 1242	20	88.19	0.3610	ND	0.49
Arochlor 1248	20	88.19	0.1444	ND	0.49
Arochlor 1254	20	88.19	0.0903	ND	0.49
Arochlor 1260	20	88.19	0.0812	ND	0.49

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 # :**	4349.08
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/16/99
	Bldg. 173	**Extraction Date:**	3/17/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/29/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
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	84.56	0.0071	ND	NLE
beta-BHC	20	84.56	0.0071	ND	NLE
gamma-BHC	20	84.56	0.0094	ND	0.52
delta-BHC	20	84.56	0.0094	ND	NLE
Heptachlor	20	84.56	0.0071	ND	0.15
Aldrin	20	84.56	0.0094	ND	0.04
Heptachlor Epoxide	20	84.56	0.0141	ND	NLE
Endosulfan I	20	84.56	0.0118	ND	NLE
4,4'-DDE	20	84.56	0.0094	0.032	2
Dieldrin	20	84.56	0.0118	ND	0.042
Endrin	20	84.56	0.0118	ND	17
Endosulfan II	20	84.56	0.0094	ND	NLE
4,4'-DDD	20	84.56	0.0141	0.029	3
Endrin Aldehyde	20	84.56	0.0118	ND	NLE
4,4'-DDT	20	84.56	0.0259	ND	2
Endosulfan-Sulfate	20	84.56	0.0094	ND	NLE
gamma -Chlordane	20	84.56	0.0118	0.021	NLE
alpha-Chlordane	20	84.56	0.0118	0.017	NLE
Toxaphene	20	84.56	0.0071	ND	0.1
Arochlor 1016	20	84.56	0.2636	ND	0.49
Arochlor 1221	20	84.56	0.4848	ND	0.49
Arochlor 1232	20	84.56	0.3295	ND	0.49
Arochlor 1242	20	84.56	0.3765	ND	0.49
Arochlor 1248	20	84.56	0.1506	ND	0.49
Arochlor 1254	20	84.56	0.0941	ND	0.49
Arochlor 1260	20	84.56	0.0847	ND	0.49

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 # :**	4356.02
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/17/99
	Bldg. 173	**Extraction Date:**	3/18/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/29/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	49

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	**20**	**76.88**	**0.0079**	**ND**	**NLE**
beta-BHC	**20**	**76.88**	**0.0079**	**ND**	**NLE**
gamma-BHC	**20**	**76.88**	**0.0105**	**ND**	**0.52**
delta-BHC	**20**	**76.88**	**0.0105**	**ND**	**NLE**
Heptachlor	**20**	**76.88**	**0.0079**	**ND**	**0.15**
Aldrin	**20**	**76.88**	**0.0105**	**ND**	**0.04**
Heptachlor Epoxide	**20**	**76.88**	**0.0158**	**ND**	**NLE**
Endosulfan I	**20**	**76.88**	**0.0132**	**ND**	**NLE**
4,4'-DDE	**20**	**76.88**	**0.0105**	**0.158**	**2**
Dieldrin	**20**	**76.88**	**0.0132**	**0.074**	**0.042**
Endrin	**20**	**76.88**	**0.0132**	**ND**	**17**
Endosulfan II	**20**	**76.88**	**0.0105**	**ND**	**NLE**
4,4'-DDD	**20**	**76.88**	**0.0158**	**0.195**	**3**
Endrin Aldehyde	**20**	**76.88**	**0.0132**	**ND**	**NLE**
4,4'-DDT	**20**	**76.88**	**0.0290**	**0.105**	**2**
Endosulfan-Sulfate	**20**	**76.88**	**0.0105**	**ND**	**NLE**
gamma -Chlordane	**20**	**76.88**	**0.0132**	**ND**	**NLE**
alpha-Chlordane	**20**	**76.88**	**0.0132**	**ND**	**NLE**
Toxaphene	**20**	**76.88**	**0.0079**	**ND**	**0.1**
Arochlor 1016	**20**	**76.88**	**0.2949**	**ND**	**0.49**
Arochlor 1221	**20**	**76.88**	**0.4122**	**ND**	**0.49**
Arochlor 1232	**20**	**76.88**	**0.3686**	**ND**	**0.49**
Arochlor 1242	**20**	**76.88**	**0.4213**	**ND**	**0.49**
Arochlor 1248	**20**	**76.88**	**0.1685**	**ND**	**0.49**
Arochlor 1254	**20**	**76.88**	**0.1053**	**ND**	**0.49**
Arochlor 1260	**20**	**76.88**	**0.0948**	**ND**	**0.49**

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 # :**	4356.04
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/17/99
	Bldg. 173	**Extraction Date:**	3/18/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/29/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	50

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	86.10	0.0069	ND	NLE
beta-BHC	20	86.10	0.0069	ND	NLE
gamma-BHC	20	86.10	0.0092	ND	0.52
delta-BHC	20	86.10	0.0092	ND	NLE
Heptachlor	20	86.10	0.0069	ND	0.15
Aldrin	20	86.10	0.0092	ND	0.04
Heptachlor Epoxide	20	86.10	0.0138	ND	NLE
Endosulfan I	20	86.10	0.0115	ND	NLE
4,4'-DDE	20	86.10	0.0092	0.109	2
Dieldrin	20	86.10	0.0115	ND	0.042
Endrin	20	86.10	0.0115	ND	17
Endosulfan II	20	86.10	0.0092	ND	NLE
4,4'-DDD	20	86.10	0.0138	0.133	3
Endrin Aldehyde	20	86.10	0.0115	ND	NLE
4,4'-DDT	20	86.10	0.0253	0.116	2
Endosulfan-Sulfate	20	86.10	0.0092	ND	NLE
gamma -Chlordane	20	86.10	0.0115	ND	NLE
alpha-Chlordane	20	86.10	0.0115	ND	NLE
Toxaphene	20	86.10	0.0069	ND	0.1
Arochlor 1016	1	86.10	0.0129	ND	0.49
Arochlor 1221	1	86.10	0.0237	ND	0.49
Arochlor 1232	1	86.10	0.0161	ND	0.49
Arochlor 1242	1	86.10	0.0184	ND	0.49
Arochlor 1248	1	86.10	0.0074	ND	0.49
Arochlor 1254	1	86.10	0.0046	ND	0.49
Arochlor 1260	1	86.10	0.0041	0.329	0.49

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 # :**	4356.06
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/17/99
	Bldg. 173	**Extraction Date:**	3/18/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/29/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
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	83.24	0.0071	ND	NLE
beta-BHC	20	83.24	0.0071	ND	NLE
gamma-BHC	20	83.24	0.0095	ND	0.52
delta-BHC	20	83.24	0.0095	ND	NLE
Heptachlor	20	83.24	0.0071	ND	0.15
Aldrin	20	83.24	0.0095	ND	0.04
Heptachlor Epoxide	20	83.24	0.0143	ND	NLE
Endosulfan I	20	83.24	0.0119	ND	NLE
4,4'-DDE	20	83.24	0.0095	0.047	2
Dieldrin	20	83.24	0.0119	ND	0.042
Endrin	20	83.24	0.0119	ND	17
Endosulfan II	20	83.24	0.0095	ND	NLE
4,4'-DDD	20	83.24	0.0143	0.106	3
Endrin Aldehyde	20	83.24	0.0119	ND	NLE
4,4'-DDT	20	83.24	0.0262	0.083	2
Endosulfan-Sulfate	20	83.24	0.0095	ND	NLE
gamma -Chlordane	20	83.24	0.0119	ND	NLE
alpha-Chlordane	20	83.24	0.0119	ND	NLE
Toxaphene	20	83.24	0.0071	ND	0.1
Arochlor 1016	20	83.24	0.2667	ND	0.49
Arochlor 1221	20	83.24	0.4905	ND	0.49
Arochlor 1232	20	83.24	0.3334	ND	0.49
Arochlor 1242	20	83.24	0.3810	ND	0.49
Arochlor 1248	20	83.24	0.1524	ND	0.49
Arochlor 1254	20	83.24	0.0953	ND	0.49
Arochlor 1260	20	83.24	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

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4356.08
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/17/99
	Bldg. 173	**Extraction Date:**	3/18/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/29/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
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	84.28	0.0070	ND	NLE
beta-BHC	20	84.28	0.0070	ND	NLE
gamma-BHC	20	84.28	0.0094	ND	0.52
delta-BHC	20	84.28	0.0094	ND	NLE
Heptachlor	20	84.28	0.0070	ND	0.15
Aldrin	20	84.28	0.0094	ND	0.04
Heptachlor Epoxide	20	84.28	0.0140	ND	NLE
Endosulfan I	20	84.28	0.0117	ND	NLE
4,4'-DDE	20	84.28	0.0094	0.031	2
Dieldrin	20	84.28	0.0117	ND	0.042
Endrin	20	84.28	0.0117	ND	17
Endosulfan II	20	84.28	0.0094	ND	NLE
4,4'-DDD	20	84.28	0.0140	0.024	3
Endrin Aldehyde	20	84.28	0.0117	ND	NLE
4,4'-DDT	20	84.28	0.0257	0.052	2
Endosulfan-Sulfate	20	84.28	0.0094	ND	NLE
gamma -Chlordane	20	84.28	0.0117	ND	NLE
alpha-Chlordane	20	84.28	0.0117	ND	NLE
Toxaphene	20	84.28	0.0070	ND	0.1
Arochlor 1016	20	84.28	0.2621	ND	0.49
Arochlor 1221	20	84.28	0.4821	ND	0.49
Arochlor 1232	20	84.28	0.3276	ND	0.49
Arochlor 1242	20	84.28	0.3744	ND	0.49
Arochlor 1248	20	84.28	0.1498	ND	0.49
Arochlor 1254	20	84.28	0.0936	ND	0.49
Arochlor 1260	20	84.28	0.0843	ND	0.49

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 # :**	4356.10
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/17/99
	Bldg. 173	**Extraction Date:**	3/18/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/29/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	53-

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	84.77	0.0071	ND	NLE
beta-BHC	20	84.77	0.0071	ND	NLE
gamma-BHC	20	84.77	0.0094	ND	0.52
delta-BHC	20	84.77	0.0094	ND	NLE
Heptachlor	20	84.77	0.0071	ND	0.15
Aldrin	20	84.77	0.0094	ND	0.04
Heptachlor Epoxide	20	84.77	0.0141	ND	NLE
Endosulfan I	20	84.77	0.0118	ND	NLE
4,4'-DDE	20	84.77	0.0094	0.048	2
Dieldrin	20	84.77	0.0118	ND	0.042
Endrin	20	84.77	0.0118	ND	17
Endosulfan II	20	84.77	0.0094	ND	NLE
4,4'-DDD	20	84.77	0.0141	0.037	3
Endrin Aldehyde	20	84.77	0.0118	ND	NLE
4,4'-DDT	20	84.77	0.0259	ND	2
Endosulfan-Sulfate	20	84.77	0.0094	ND	NLE
gamma -Chlordane	20	84.77	0.0118	ND	NLE
alpha-Chlordane	20	84.77	0.0118	ND	NLE
Toxaphene	20	84.77	0.0071	ND	0.1
Arochlor 1016	20	84.77	0.2637	ND	0.49
Arochlor 1221	20	84.77	0.4851	ND	0.49
Arochlor 1232	20	84.77	0.3296	ND	0.49
Arochlor 1242	20	84.77	0.3767	ND	0.49
Arochlor 1248	20	84.77	0.1507	ND	0.49
Arochlor 1254	20	84.77	0.0942	ND	0.49
Arochlor 1260	20	84.77	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/.25u

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4356.12
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/17/99
	Bldg. 173	**Extraction Date:**	3/18/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/29/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
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	86.01	0.0069	ND	NLE
beta-BHC	20	86.01	0.0069	ND	NLE
gamma-BHC	20	86.01	0.0092	ND	0.52
delta-BHC	20	86.01	0.0092	ND	NLE
Heptachlor	20	86.01	0.0069	ND	0.15
Aldrin	20	86.01	0.0092	ND	0.04
Heptachlor Epoxide	20	86.01	0.0139	ND	NLE
Endosulfan I	20	86.01	0.0116	ND	NLE
4,4'-DDE	20	86.01	0.0092	0.014	2
Dieldrin	20	86.01	0.0116	ND	0.042
Endrin	20	86.01	0.0116	ND	17
Endosulfan II	20	86.01	0.0092	ND	NLE
4,4'-DDD	20	86.01	0.0139	ND	3
Endrin Aldehyde	20	86.01	0.0116	ND	NLE
4,4'-DDT	20	86.01	0.0254	ND	2
Endosulfan-Sulfate	20	86.01	0.0092	ND	NLE
gamma -Chlordane	20	86.01	0.0116	ND	NLE
alpha-Chlordane	20	86.01	0.0116	ND	NLE
Toxaphene	20	86.01	0.0069	ND	0.1
Arochlor 1016	20	86.01	0.2589	ND	0.49
Arochlor 1221	20	86.01	0.4762	ND	0.49
Arochlor 1232	20	86.01	0.3236	ND	0.49
Arochlor 1242	20	86.01	0.3698	ND	0.49
Arochlor 1248	20	86.01	0.1479	ND	0.49
Arochlor 1254	20	86.01	0.0925	ND	0.49
Arochlor 1260	20	86.01	0.0832	ND	0.49

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 # :**	4356.14
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/17/99
	Bldg. 173	**Extraction Date:**	3/22/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/30/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
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	86.56	0.0068	ND	NLE
beta-BHC	20	86.56	0.0068	ND	NLE
gamma-BHC	20	86.56	0.0090	ND	0.52
delta-BHC	20	86.56	0.0090	ND	NLE
Heptachlor	20	86.56	0.0068	ND	0.15
Aldrin	20	86.56	0.0090	ND	0.04
Heptachlor Epoxide	20	86.56	0.0135	ND	NLE
Endosulfan I	20	86.56	0.0113	ND	NLE
4,4'-DDE	20	86.56	0.0090	0.028	2
Dieldrin	20	86.56	0.0113	ND	0.042
Endrin	20	86.56	0.0113	ND	17
Endosulfan II	20	86.56	0.0090	ND	NLE
4,4'-DDD	20	86.56	0.0135	0.015	3
Endrin Aldehyde	20	86.56	0.0113	ND	NLE
4,4'-DDT	20	86.56	0.0248	ND	2
Endosulfan-Sulfate	20	86.56	0.0090	ND	NLE
gamma -Chlordane	20	86.56	0.0113	ND	NLE
alpha-Chlordane	20	86.56	0.0113	ND	NLE
Toxaphene	20	86.56	0.0068	ND	0.1
Arochlor 1016	20	86.56	0.2527	ND	0.49
Arochlor 1221	20	86.56	0.4648	ND	0.49
Arochlor 1232	20	86.56	0.3159	ND	0.49
Arochlor 1242	20	86.56	0.3610	ND	0.49
Arochlor 1248	20	86.56	0.1444	ND	0.49
Arochlor 1254	20	86.56	0.0903	ND	0.49
Arochlor 1260	20	86.56	0.0812	ND	0.49

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 # :**	4359.02
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/18/99
	Bldg. 173	**Extraction Date:**	3/22/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/30/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	56

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	**20**	**83.18**	**0.0071**	**ND**	**NLE**
beta-BHC	**20**	**83.18**	**0.0071**	**ND**	**NLE**
gamma-BHC	**20**	**83.18**	**0.0095**	**ND**	**0.52**
delta-BHC	**20**	**83.18**	**0.0095**	**ND**	**NLE**
Heptachlor	**20**	**83.18**	**0.0071**	**ND**	**0.15**
Aldrin	**20**	**83.18**	**0.0095**	**ND**	**0.04**
Heptachlor Epoxide	**20**	**83.18**	**0.0143**	**ND**	**NLE**
Endosulfan I	**20**	**83.18**	**0.0119**	**ND**	**NLE**
4,4'-DDE	**20**	**83.18**	**0.0095**	**0.018**	**2**
Dieldrin	**20**	**83.18**	**0.0119**	**ND**	**0.042**
Endrin	**20**	**83.18**	**0.0119**	**ND**	**17**
Endosulfan II	**20**	**83.18**	**0.0095**	**ND**	**NLE**
4,4'-DDD	**20**	**83.18**	**0.0143**	**0.017**	**3**
Endrin Aldehyde	**20**	**83.18**	**0.0119**	**ND**	**NLE**
4,4'-DDT	**20**	**83.18**	**0.0261**	**ND**	**2**
Endosulfan-Sulfate	**20**	**83.18**	**0.0095**	**ND**	**NLE**
gamma -Chlordane	**20**	**83.18**	**0.0119**	**ND**	**NLE**
alpha-Chlordane	**20**	**83.18**	**0.0119**	**ND**	**NLE**
Toxaphene	**20**	**83.18**	**0.0071**	**ND**	**0.1**
Arochlor 1016	**20**	**83.18**	**0.2661**	**ND**	**0.49**
Arochlor 1221	**20**	**83.18**	**0.4894**	**ND**	**0.49**
Arochlor 1232	**20**	**83.18**	**0.3326**	**ND**	**0.49**
Arochlor 1242	**20**	**83.18**	**0.3801**	**ND**	**0.49**
Arochlor 1248	**20**	**83.18**	**0.1521**	**ND**	**0.49**
Arochlor 1254	**20**	**83.18**	**0.0950**	**ND**	**0.49**
Arochlor 1260	**20**	**83.18**	**0.0855**	**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 # :**	4359.04
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/18/99
	Bldg. 173	**Extraction Date:**	3/22/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/30/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
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	87.43	0.0068	ND	NLE
beta-BHC	20	87.43	0.0068	ND	NLE
gamma-BHC	20	87.43	0.0090	ND	0.52
delta-BHC	20	87.43	0.0090	ND	NLE
Heptachlor	20	87.43	0.0068	ND	0.15
Aldrin	20	87.43	0.0090	ND	0.04
Heptachlor Epoxide	20	87.43	0.0135	ND	NLE
Endosulfan I	20	87.43	0.0113	ND	NLE
4,4'-DDE	20	87.43	0.0090	0.016	2
Dieldrin	20	87.43	0.0113	ND	0.042
Endrin	20	87.43	0.0113	ND	17
Endosulfan II	20	87.43	0.0090	ND	NLE
4,4'-DDD	20	87.43	0.0135	0.023	3
Endrin Aldehyde	20	87.43	0.0113	ND	NLE
4,4'-DDT	20	87.43	0.0248	ND	2
Endosulfan-Sulfate	20	87.43	0.0090	ND	NLE
gamma -Chlordane	20	87.43	0.0113	ND	NLE
alpha-Chlordane	20	87.43	0.0113	ND	NLE
Toxaphene	20	87.43	0.0068	ND	0.1
Arochlor 1016	20	87.43	0.2522	ND	0.49
Arochlor 1221	20	87.43	0.4638	ND	0.49
Arochlor 1232	20	87.43	0.3152	ND	0.49
Arochlor 1242	20	87.43	0.3602	ND	0.49
Arochlor 1248	20	87.43	0.1441	ND	0.49
Arochlor 1254	20	87.43	0.0901	ND	0.49
Arochlor 1260	20	87.43	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

001951

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4359.06
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/18/99
	Bldg. 173	**Extraction Date:**	3/22/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/30/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
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	87.80	0.0066	ND	NLE
beta-BHC	20	87.80	0.0066	ND	NLE
gamma-BHC	20	87.80	0.0089	ND	0.52
delta-BHC	20	87.80	0.0089	ND	NLE
Heptachlor	20	87.80	0.0066	ND	0.15
Aldrin	20	87.80	0.0089	ND	0.04
Heptachlor Epoxide	20	87.80	0.0133	ND	NLE
Endosulfan I	20	87.80	0.0111	ND	NLE
4,4'-DDE	20	87.80	0.0089	0.033	2
Dieldrin	20	87.80	0.0111	ND	0.042
Endrin	20	87.80	0.0111	ND	17
Endosulfan II	20	87.80	0.0089	ND	NLE
4,4'-DDD	20	87.80	0.0133	0.030	3
Endrin Aldehyde	20	87.80	0.0111	ND	NLE
4,4'-DDT	20	87.80	0.0244	ND	2
Endosulfan-Sulfate	20	87.80	0.0089	ND	NLE
gamma -Chlordane	20	87.80	0.0111	ND	NLE
alpha-Chlordane	20	87.80	0.0111	ND	NLE
Toxaphene	20	87.80	0.0066	ND	0.1
Arochlor 1016	20	87.80	0.2482	ND	0.49
Arochlor 1221	20	87.80	0.4565	ND	0.49
Arochlor 1232	20	87.80	0.3102	ND	0.49
Arochlor 1242	20	87.80	0.3545	ND	0.49
Arochlor 1248	20	87.80	0.1418	ND	0.49
Arochlor 1254	20	87.80	0.0886	ND	0.49
Arochlor 1260	20	87.80	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

001952

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4359.08
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/18/99
	Bldg. 173	**Extraction Date:**	3/29/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	4/27/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
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	86.48	0.0068	ND	NLE
beta-BHC	20	86.48	0.0068	ND	NLE
gamma-BHC	20	86.48	0.0091	ND	0.52
delta-BHC	20	86.48	0.0091	ND	NLE
Heptachlor	20	86.48	0.0068	ND	0.15
Aldrin	20	86.48	0.0091	ND	0.04
Heptachlor Epoxide	20	86.48	0.0136	ND	NLE
Endosulfan I	20	86.48	0.0113	ND	NLE
4,4'-DDE	20	86.48	0.0091	0.028	2
Dieldrin	20	86.48	0.0113	ND	0.042
Endrin	20	86.48	0.0113	ND	17
Endosulfan II	20	86.48	0.0091	ND	NLE
4,4'-DDD	20	86.48	0.0136	0.046	3
Endrin Aldehyde	20	86.48	0.0113	ND	NLE
4,4'-DDT	20	86.48	0.0249	0.041	2
Endosulfan-Sulfate	20	86.48	0.0091	ND	NLE
gamma -Chlordane	20	86.48	0.0113	ND	NLE
alpha-Chlordane	20	86.48	0.0113	ND	NLE
Toxaphene	20	86.48	0.0068	ND	0.1
Arochlor 1016	20	86.48	0.2539	ND	0.49
Arochlor 1221	20	86.48	0.4671	ND	0.49
Arochlor 1232	20	86.48	0.3174	ND	0.49
Arochlor 1242	20	86.48	0.3628	ND	0.49
Arochlor 1248	20	86.48	0.1451	ND	0.49
Arochlor 1254	20	86.48	0.0907	ND	0.49
Arochlor 1260	20	86.48	0.0816	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 # :**	4367.02
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/23/99
	Bldg. 173	**Extraction Date:**	3/29/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	4/27/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	59A

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	**20**	**86.79**	**0.0069**	**ND**	**NLE**
beta-BHC	**20**	**86.79**	**0.0069**	**ND**	**NLE**
gamma-BHC	**20**	**86.79**	**0.0091**	**ND**	**0.52**
delta-BHC	**20**	**86.79**	**0.0091**	**ND**	**NLE**
Heptachlor	**20**	**86.79**	**0.0069**	**ND**	**0.15**
Aldrin	**20**	**86.79**	**0.0091**	**ND**	**0.04**
Heptachlor Epoxide	**20**	**86.79**	**0.0137**	**ND**	**NLE**
Endosulfan I	**20**	**86.79**	**0.0114**	**ND**	**NLE**
4,4'-DDE	**20**	**86.79**	**0.0091**	**0.026**	**2**
Dieldrin	**20**	**86.79**	**0.0114**	**ND**	**0.042**
Endrin	**20**	**86.79**	**0.0114**	**ND**	**17**
Endosulfan II	**20**	**86.79**	**0.0091**	**ND**	**NLE**
4,4'-DDD	**20**	**86.79**	**0.0137**	**0.047**	**3**
Endrin Aldehyde	**20**	**86.79**	**0.0114**	**ND**	**NLE**
4,4'-DDT	**20**	**86.79**	**0.0251**	**0.065**	**2**
Endosulfan-Sulfate	**20**	**86.79**	**0.0091**	**ND**	**NLE**
gamma -Chlordane	**20**	**86.79**	**0.0114**	**ND**	**NLE**
alpha-Chlordane	**20**	**86.79**	**0.0114**	**ND**	**NLE**
Toxaphene	**20**	**86.79**	**0.0069**	**ND**	**0.1**
Arochlor 1016	**20**	**86.79**	**0.2560**	**ND**	**0.49**
Arochlor 1221	**20**	**86.79**	**0.4709**	**ND**	**0.49**
Arochlor 1232	**20**	**86.79**	**0.3201**	**ND**	**0.49**
Arochlor 1242	**20**	**86.79**	**0.3658**	**ND**	**0.49**
Arochlor 1248	**20**	**86.79**	**0.1463**	**ND**	**0.49**
Arochlor 1254	**20**	**86.79**	**0.0914**	**ND**	**0.49**
Arochlor 1260	**20**	**86.79**	**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

001954

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4367.04
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/23/99
	Bldg. 173	**Extraction Date:**	3/29/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	4/27/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	60

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	84.52	0.0070	ND	NLE
beta-BHC	20	84.52	0.0070	ND	NLE
gamma-BHC	20	84.52	0.0093	ND	0.52
delta-BHC	20	84.52	0.0093	ND	NLE
Heptachlor	20	84.52	0.0070	ND	0.15
Aldrin	20	84.52	0.0093	ND	0.04
Heptachlor Epoxide	20	84.52	0.0140	ND	NLE
Endosulfan I	20	84.52	0.0117	ND	NLE
4,4'-DDE	20	84.52	0.0093	ND	2
Dieldrin	20	84.52	0.0117	ND	0.042
Endrin	20	84.52	0.0117	ND	17
Endosulfan II	20	84.52	0.0093	ND	NLE
4,4'-DDD	20	84.52	0.0140	0.044	3
Endrin Aldehyde	20	84.52	0.0117	ND	NLE
4,4'-DDT	20	84.52	0.0257	ND	2
Endosulfan-Sulfate	20	84.52	0.0093	ND	NLE
gamma -Chlordane	20	84.52	0.0117	ND	NLE
alpha-Chlordane	20	84.52	0.0117	ND	NLE
Toxaphene	20	84.52	0.0070	ND	0.1
Arochlor 1016	1	84.52	0.0131	ND	0.49
Arochlor 1221	1	84.52	0.0241	ND	0.49
Arochlor 1232	1	84.52	0.0164	ND	0.49
Arochlor 1242	1	84.52	0.0187	ND	0.49
Arochlor 1248	1	84.52	0.0075	ND	0.49
Arochlor 1254	1	84.52	0.0047	0.651	0.49
Arochlor 1260	1	84.52	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

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4367.06
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/23/99
	Bldg. 173	**Extraction Date:**	3/29/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	4/27/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
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	85.70	0.0069	ND	NLE
beta-BHC	20	85.70	0.0069	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	0.0069	ND	0.15
Aldrin	20	85.70	0.0091	ND	0.04
Heptachlor Epoxide	20	85.70	0.0137	ND	NLE
Endosulfan I	20	85.70	0.0114	ND	NLE
4,4'-DDE	20	85.70	0.0091	0.017	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	0.0137	0.020	3
Endrin Aldehyde	20	85.70	0.0114	ND	NLE
4,4'-DDT	20	85.70	0.0251	0.026	2
Endosulfan-Sulfate	20	85.70	0.0091	ND	NLE
gamma -Chlordane	20	85.70	0.0114	ND	NLE
alpha-Chlordane	20	85.70	0.0114	ND	NLE
Toxaphene	20	85.70	0.0069	ND	0.1
Arochlor 1016	20	85.70	0.2560	ND	0.49
Arochlor 1221	20	85.70	0.4709	ND	0.49
Arochlor 1232	20	85.70	0.3200	ND	0.49
Arochlor 1242	20	85.70	0.3657	ND	0.49
Arochlor 1248	20	85.70	0.1463	ND	0.49
Arochlor 1254	20	85.70	0.0914	ND	0.49
Arochlor 1260	20	85.70	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

001956

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4367.08
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/23/99
	Bldg. 173	**Extraction Date:**	3/29/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	4/27/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
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	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	0.0113	ND	NLE
4,4'-DDE	20	87.84	0.0091	0.024	2
Dieldrin	20	87.84	0.0113	ND	0.042
Endrin	20	87.84	0.0113	ND	17
Endosulfan II	20	87.84	0.0091	ND	NLE
4,4'-DDD	20	87.84	0.0136	0.047	3
Endrin Aldehyde	20	87.84	0.0113	ND	NLE
4,4'-DDT	20	87.84	0.0249	ND	2
Endosulfan-Sulfate	20	87.84	0.0091	ND	NLE
gamma -Chlordane	20	87.84	0.0113	ND	NLE
alpha-Chlordane	20	87.84	0.0113	ND	NLE
Toxaphene	20	87.84	0.0068	ND	0.1
Arochlor 1016	20	87.84	0.2540	ND	0.49
Arochlor 1221	20	87.84	0.4672	ND	0.49
Arochlor 1232	20	87.84	0.3175	ND	0.49
Arochlor 1242	20	87.84	0.3628	ND	0.49
Arochlor 1248	20	87.84	0.1451	ND	0.49
Arochlor 1254	20	87.84	0.0907	ND	0.49
Arochlor 1260	20	87.84	0.0816	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 # :**	4367.10
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/23/99
	Bldg. 173	**Extraction Date:**	3/29/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	4/27/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
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	81.95	0.0072	ND	NLE
beta-BHC	20	81.95	0.0072	ND	NLE
gamma-BHC	20	81.95	0.0096	ND	0.52
delta-BHC	20	81.95	0.0096	ND	NLE
Heptachlor	20	81.95	0.0072	ND	0.15
Aldrin	20	81.95	0.0096	ND	0.04
Heptachlor Epoxide	20	81.95	0.0143	ND	NLE
Endosulfan I	20	81.95	0.0119	ND	NLE
4,4'-DDE	20	81.95	0.0096	0.025	2
Dieldrin	20	81.95	0.0119	ND	0.042
Endrin	20	81.95	0.0119	ND	17
Endosulfan II	20	81.95	0.0096	ND	NLE
4,4'-DDD	20	81.95	0.0143	0.030	3
Endrin Aldehyde	20	81.95	0.0119	ND	NLE
4,4'-DDT	20	81.95	0.0263	ND	2
Endosulfan-Sulfate	20	81.95	0.0096	ND	NLE
gamma -Chlordane	20	81.95	0.0119	ND	NLE
alpha-Chlordane	20	81.95	0.0119	ND	NLE
Toxaphene	20	81.95	0.0072	ND	0.1
Arochlor 1016	20	81.95	0.2675	ND	0.49
Arochlor 1221	20	81.95	0.4919	ND	0.49
Arochlor 1232	20	81.95	0.3343	ND	0.49
Arochlor 1242	20	81.95	0.3821	ND	0.49
Arochlor 1248	20	81.95	0.1528	ND	0.49
Arochlor 1254	20	81.95	0.0955	ND	0.49
Arochlor 1260	20	81.95	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

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4367.12
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/23/99
	Bldg. 173	**Extraction Date:**	3/29/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	4/27/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
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	62.30	0.0094	ND	NLE
beta-BHC	20	62.30	0.0094	ND	NLE
gamma-BHC	20	62.30	0.0125	ND	0.52
delta-BHC	20	62.30	0.0125	ND	NLE
Heptachlor	20	62.30	0.0094	ND	0.15
Aldrin	20	62.30	0.0125	ND	0.04
Heptachlor Epoxide	20	62.30	0.0187	ND	NLE
Endosulfan I	20	62.30	0.0156	ND	NLE
4,4'-DDE	20	62.30	0.0125	0.015	2
Dieldrin	20	62.30	0.0156	ND	0.042
Endrin	20	62.30	0.0156	ND	17
Endosulfan II	20	62.30	0.0125	ND	NLE
4,4'-DDD	20	62.30	0.0187	ND	3
Endrin Aldehyde	20	62.30	0.0156	ND	NLE
4,4'-DDT	20	62.30	0.0344	ND	2
Endosulfan-Sulfate	20	62.30	0.0125	ND	NLE
gamma -Chlordane	20	62.30	0.0156	ND	NLE
alpha-Chlordane	20	62.30	0.0156	ND	NLE
Toxaphene	20	62.30	0.0094	ND	0.1
Arochlor 1016	20	62.30	0.3498	ND	0.49
Arochlor 1221	20	62.30	0.4899	ND	0.49
Arochlor 1232	20	62.30	0.4372	ND	0.49
Arochlor 1242	20	62.30	0.4997	ND	0.49
Arochlor 1248	20	62.30	0.1999	ND	0.49
Arochlor 1254	20	62.30	0.1249	ND	0.49
Arochlor 1260	20	62.30	0.1124	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25un
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25ur

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4367.14
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/23/99
	Bldg. 173	**Extraction Date:**	3/29/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	4/27/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
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	87.91	0.0067	ND	NLE
beta-BHC	20	87.91	0.0067	ND	NLE
gamma-BHC	20	87.91	0.0089	ND	0.52
delta-BHC	20	87.91	0.0089	ND	NLE
Heptachlor	20	87.91	0.0067	ND	0.15
Aldrin	20	87.91	0.0089	ND	0.04
Heptachlor Epoxide	20	87.91	0.0134	ND	NLE
Endosulfan I	20	87.91	0.0112	ND	NLE
4,4'-DDE	20	87.91	0.0089	0.019	2
Dieldrin	20	87.91	0.0112	0.012	0.042
Endrin	20	87.91	0.0112	ND	17
Endosulfan II	20	87.91	0.0089	ND	NLE
4,4'-DDD	20	87.91	0.0134	0.131	3
Endrin Aldehyde	20	87.91	0.0112	ND	NLE
4,4'-DDT	20	87.91	0.0245	ND	2
Endosulfan-Sulfate	20	87.91	0.0089	ND	NLE
gamma -Chlordane	20	87.91	0.0112	ND	NLE
alpha-Chlordane	20	87.91	0.0112	ND	NLE
Toxaphene	20	87.91	0.0067	ND	0.1
Arochlor 1016	20	87.91	0.2498	ND	0.49
Arochlor 1221	20	87.91	0.4595	ND	0.49
Arochlor 1232	20	87.91	0.3123	ND	0.49
Arochlor 1242	20	87.91	0.3569	ND	0.49
Arochlor 1248	20	87.91	0.1427	ND	0.49
Arochlor 1254	20	87.91	0.0892	ND	0.49
Arochlor 1260	20	87.91	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

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4380.02
	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-2
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	66

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	**20**	**86.95**	**0.0065**	**ND**	**NLE**
beta-BHC	**20**	**86.95**	**0.0065**	**ND**	**NLE**
gamma-BHC	**20**	**86.95**	**0.0086**	**ND**	**0.52**
delta-BHC	**20**	**86.95**	**0.0086**	**ND**	**NLE**
Heptachlor	**20**	**86.95**	**0.0065**	**ND**	**0.15**
Aldrin	**20**	**86.95**	**0.0086**	**ND**	**0.04**
Heptachlor Epoxide	**20**	**86.95**	**0.0129**	**ND**	**NLE**
Endosulfan I	**20**	**86.95**	**0.0108**	**ND**	**NLE**
4,4'-DDE	**20**	**86.95**	**0.0086**	**0.041**	**2**
Dieldrin	**20**	**86.95**	**0.0108**	**ND**	**0.042**
Endrin	**20**	**86.95**	**0.0108**	**ND**	**17**
Endosulfan II	**20**	**86.95**	**0.0086**	**ND**	**NLE**
4,4'-DDD	**20**	**86.95**	**0.0129**	**0.025**	**3**
Endrin Aldehyde	**20**	**86.95**	**0.0108**	**ND**	**NLE**
4,4'-DDT	**20**	**86.95**	**0.0237**	**0.051**	**2**
Endosulfan-Sulfate	**20**	**86.95**	**0.0086**	**ND**	**NLE**
gamma -Chlordane	**20**	**86.95**	**0.0108**	**ND**	**NLE**
alpha-Chlordane	**20**	**86.95**	**0.0108**	**ND**	**NLE**
Toxaphene	**20**	**86.95**	**0.0065**	**ND**	**0.1**
Arochlor 1016	**20**	**86.95**	**0.2412**	**ND**	**0.49**
Arochlor 1221	**20**	**86.95**	**0.4437**	**ND**	**0.49**
Arochlor 1232	**20**	**86.95**	**0.3015**	**ND**	**0.49**
Arochlor 1242	**20**	**86.95**	**0.3446**	**ND**	**0.49**
Arochlor 1248	**20**	**86.95**	**0.1378**	**ND**	**0.49**
Arochlor 1254	**20**	**86.95**	**0.0861**	**ND**	**0.49**
Arochlor 1260	**20**	**86.95**	**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

001961

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4380.04
	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-2
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	67

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	87.21	0.0064	ND	NLE
beta-BHC	20	87.21	0.0064	ND	NLE
gamma-BHC	20	87.21	0.0085	ND	0.52
delta-BHC	20	87.21	0.0085	ND	NLE
Heptachlor	20	87.21	0.0064	ND	0.15
Aldrin	20	87.21	0.0085	ND	0.04
Heptachlor Epoxide	20	87.21	0.0127	ND	NLE
Endosulfan I	20	87.21	0.0106	ND	NLE
4,4'-DDE	20	87.21	0.0085	0.016	2
Dieldrin	20	87.21	0.0106	ND	0.042
Endrin	20	87.21	0.0106	ND	17
Endosulfan II	20	87.21	0.0085	ND	NLE
4,4'-DDD	20	87.21	0.0127	ND	3
Endrin Aldehyde	20	87.21	0.0106	ND	NLE
4,4'-DDT	20	87.21	0.0233	ND	2
Endosulfan-Sulfate	20	87.21	0.0085	ND	NLE
gamma -Chlordane	20	87.21	0.0106	ND	NLE
alpha-Chlordane	20	87.21	0.0106	ND	NLE
Toxaphene	20	87.21	0.0064	ND	0.1
Arochlor 1016	20	87.21	0.2374	ND	0.49
Arochlor 1221	20	87.21	0.4366	ND	0.49
Arochlor 1232	20	87.21	0.2967	ND	0.49
Arochlor 1242	20	87.21	0.3391	ND	0.49
Arochlor 1248	20	87.21	0.1356	ND	0.49
Arochlor 1254	20	87.21	0.0848	ND	0.49
Arochlor 1260	20	87.21	0.0763	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 # :**	4380.06
	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-2
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	78.66	0.0071	ND	NLE
beta-BHC	20	78.66	0.0071	ND	NLE
gamma-BHC	20	78.66	0.0095	ND	0.52
delta-BHC	20	78.66	0.0095	ND	NLE
Heptachlor	20	78.66	0.0071	ND	0.15
Aldrin	20	78.66	0.0095	ND	0.04
Heptachlor Epoxide	20	78.66	0.0142	ND	NLE
Endosulfan I	20	78.66	0.0118	ND	NLE
4,4'-DDE	20	78.66	0.0095	0.012	2
Dieldrin	20	78.66	0.0118	ND	0.042
Endrin	20	78.66	0.0118	ND	17
Endosulfan II	20	78.66	0.0095	ND	NLE
4,4'-DDD	20	78.66	0.0142	ND	3
Endrin Aldehyde	20	78.66	0.0118	ND	NLE
4,4'-DDT	20	78.66	0.0260	ND	2
Endosulfan-Sulfate	20	78.66	0.0095	ND	NLE
gamma -Chlordane	20	78.66	0.0118	0.022	NLE
alpha-Chlordane	20	78.66	0.0118	0.021	NLE
Toxaphene	20	78.66	0.0071	ND	0.1
Arochlor 1016	20	78.66	0.2649	ND	0.49
Arochlor 1221	20	78.66	0.4872	ND	0.49
Arochlor 1232	20	78.66	0.3311	ND	0.49
Arochlor 1242	20	78.66	0.3784	ND	0.49
Arochlor 1248	20	78.66	0.1514	ND	0.49
Arochlor 1254	20	78.66	0.0946	ND	0.49
Arochlor 1260	20	78.66	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

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4380.08
	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-2
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	81.69	0.0067	ND	NLE
beta-BHC	20	81.69	0.0067	ND	NLE
gamma-BHC	20	81.69	0.0089	ND	0.52
delta-BHC	20	81.69	0.0089	ND	NLE
Heptachlor	20	81.69	0.0067	ND	0.15
Aldrin	20	81.69	0.0089	ND	0.04
Heptachlor Epoxide	20	81.69	0.0134	ND	NLE
Endosulfan I	20	81.69	0.0111	ND	NLE
4,4'-DDE	20	81.69	0.0089	0.023	2
Dieldrin	20	81.69	0.0111	ND	0.042
Endrin	20	81.69	0.0111	ND	17
Endosulfan II	20	81.69	0.0089	ND	NLE
4,4'-DDD	20	81.69	0.0134	0.062	3
Endrin Aldehyde	20	81.69	0.0111	ND	NLE
4,4'-DDT	20	81.69	0.0245	0.044	2
Endosulfan-Sulfate	20	81.69	0.0089	ND	NLE
gamma -Chlordane	20	81.69	0.0111	ND	NLE
alpha-Chlordane	20	81.69	0.0111	ND	NLE
Toxaphene	20	81.69	0.0067	ND	0.1
Arochlor 1016	20	81.69	0.2497	ND	0.49
Arochlor 1221	20	81.69	0.4593	ND	0.49
Arochlor 1232	20	81.69	0.3122	ND	0.49
Arochlor 1242	20	81.69	0.3568	ND	0.49
Arochlor 1248	20	81.69	0.1427	ND	0.49
Arochlor 1254	20	81.69	0.0892	ND	0.49
Arochlor 1260	20	81.69	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

001964

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4380.10
	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-2
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	70.46	0.0072	ND	NLE
beta-BHC	20	70.46	0.0072	ND	NLE
gamma-BHC	20	70.46	0.0096	ND	0.52
delta-BHC	20	70.46	0.0096	ND	NLE
Heptachlor	20	70.46	0.0072	ND	0.15
Aldrin	20	70.46	0.0096	ND	0.04
Heptachlor Epoxide	20	70.46	0.0143	ND	NLE
Endosulfan I	20	70.46	0.0119	ND	NLE
4,4'-DDE	20	70.46	0.0096	0.056	2
Dieldrin	20	70.46	0.0119	ND	0.042
Endrin	20	70.46	0.0119	ND	17
Endosulfan II	20	70.46	0.0096	ND	NLE
4,4'-DDD	20	70.46	0.0143	0.140	3
Endrin Aldehyde	20	70.46	0.0119	ND	NLE
4,4'-DDT	20	70.46	0.0263	ND	2
Endosulfan-Sulfate	20	70.46	0.0096	ND	NLE
gamma -Chlordane	20	70.46	0.0119	ND	NLE
alpha-Chlordane	20	70.46	0.0119	ND	NLE
Toxaphene	20	70.46	0.0072	ND	0.1
Arochlor 1016	20	70.46	0.2676	ND	0.49
Arochlor 1221	20	70.46	0.4922	ND	0.49
Arochlor 1232	20	70.46	0.3345	ND	0.49
Arochlor 1242	20	70.46	0.3823	ND	0.49
Arochlor 1248	20	70.46	0.1529	ND	0.49
Arochlor 1254	20	70.46	0.0956	ND	0.49
Arochlor 1260	20	70.46	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

001965

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4395.02
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/6/99
	Bldg. 173	**Extraction Date:**	4/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/7/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	71

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	86.66	0.0069	ND	NLE
beta-BHC	20	86.66	0.0069	ND	NLE
gamma-BHC	20	86.66	0.0092	ND	0.52
delta-BHC	20	86.66	0.0092	ND	NLE
Heptachlor	20	86.66	0.0069	ND	0.15
Aldrin	20	86.66	0.0092	ND	0.04
Heptachlor Epoxide	20	86.66	0.0138	ND	NLE
Endosulfan I	20	86.66	0.0115	ND	NLE
4,4'-DDE	20	86.66	0.0092	0.028	2
Dieldrin	20	86.66	0.0115	ND	0.042
Endrin	20	86.66	0.0115	ND	17
Endosulfan II	20	86.66	0.0092	ND	NLE
4,4'-DDD	20	86.66	0.0138	0.059	3
Endrin Aldehyde	20	86.66	0.0115	ND	NLE
4,4'-DDT	20	86.66	0.0253	ND	2
Endosulfan-Sulfate	20	86.66	0.0092	ND	NLE
gamma -Chlordane	20	86.66	0.0115	ND	NLE
alpha-Chlordane	20	86.66	0.0115	ND	NLE
Toxaphene	20	86.66	0.0069	ND	0.1
Arochlor 1016	20	86.66	0.2575	ND	0.49
Arochlor 1221	20	86.66	0.4735	ND	0.49
Arochlor 1232	20	86.66	0.3218	ND	0.49
Arochlor 1242	20	86.66	0.3678	ND	0.49
Arochlor 1248	20	86.66	0.1471	ND	0.49
Arochlor 1254	20	86.66	0.0919	ND	0.49
Arochlor 1260	20	86.66	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

001966

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4395.04
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/6/99
	Bldg. 173	**Extraction Date:**	4/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/7/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
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	85.83	0.0069	ND	NLE
beta-BHC	20	85.83	0.0069	ND	NLE
gamma-BHC	20	85.83	0.0092	ND	0.52
delta-BHC	20	85.83	0.0092	ND	NLE
Heptachlor	20	85.83	0.0069	ND	0.15
Aldrin	20	85.83	0.0092	ND	0.04
Heptachlor Epoxide	20	85.83	0.0138	ND	NLE
Endosulfan I	20	85.83	0.0115	ND	NLE
4,4'-DDE	20	85.83	0.0092	0.072	2
Dieldrin	20	85.83	0.0115	0.024	0.042
Endrin	20	85.83	0.0115	ND	17
Endosulfan II	20	85.83	0.0092	ND	NLE
4,4'-DDD	20	85.83	0.0138	0.295	3
Endrin Aldehyde	20	85.83	0.0115	ND	NLE
4,4'-DDT	20	85.83	0.0253	ND	2
Endosulfan-Sulfate	20	85.83	0.0092	ND	NLE
gamma -Chlordane	20	85.83	0.0115	ND	NLE
alpha-Chlordane	20	85.83	0.0115	ND	NLE
Toxaphene	20	85.83	0.0069	ND	0.1
Arochlor 1016	20	85.83	0.2574	ND	0.49
Arochlor 1221	20	85.83	0.4734	ND	0.49
Arochlor 1232	20	85.83	0.3217	ND	0.49
Arochlor 1242	20	85.83	0.3677	ND	0.49
Arochlor 1248	20	85.83	0.1471	ND	0.49
Arochlor 1254	20	85.83	0.0919	ND	0.49
Arochlor 1260	20	85.83	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 # :**	4395.06
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/6/99
	Bldg. 173	**Extraction Date:**	4/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/7/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
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	83.40	0.0071	ND	NLE
beta-BHC	20	83.40	0.0071	ND	NLE
gamma-BHC	20	83.40	0.0095	ND	0.52
delta-BHC	20	83.40	0.0095	ND	NLE
Heptachlor	20	83.40	0.0071	ND	0.15
Aldrin	20	83.40	0.0095	ND	0.04
Heptachlor Epoxide	20	83.40	0.0143	ND	NLE
Endosulfan I	20	83.40	0.0119	ND	NLE
4,4'-DDE	20	83.40	0.0095	0.049	2
Dieldrin	20	83.40	0.0119	ND	0.042
Endrin	20	83.40	0.0119	ND	17
Endosulfan II	20	83.40	0.0095	ND	NLE
4,4'-DDD	20	83.40	0.0143	0.081	3
Endrin Aldehyde	20	83.40	0.0119	ND	NLE
4,4'-DDT	20	83.40	0.0261	0.032	2
Endosulfan-Sulfate	20	83.40	0.0095	ND	NLE
gamma -Chlordane	20	83.40	0.0119	ND	NLE
alpha-Chlordane	20	83.40	0.0119	ND	NLE
Toxaphene	20	83.40	0.0071	ND	0.1
Arochlor 1016	20	83.40	0.2662	ND	0.49
Arochlor 1221	20	83.40	0.4896	ND	0.49
Arochlor 1232	20	83.40	0.3327	ND	0.49
Arochlor 1242	20	83.40	0.3803	ND	0.49
Arochlor 1248	20	83.40	0.1521	ND	0.49
Arochlor 1254	20	83.40	0.0951	ND	0.49
Arochlor 1260	20	83.40	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

001968

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4406.02
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/9/99
	Bldg. 173	**Extraction Date:**	4/12/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/11/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	74

	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	0.038	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	0.168	3
Endrin Aldehyde	20	87.77	0.0112	ND	NLE
4,4'-DDT	20	87.77	0.0247	0.057	2
Endosulfan-Sulfate	20	87.77	0.0090	ND	NLE
gamma -Chlordane	20	87.77	0.0112	0.019	NLE
alpha-Chlordane	20	87.77	0.0112	0.022	NLE
Toxaphene	20	87.77	0.0067	ND	0.1
Arochlor 1016	20	87.77	0.2519	ND	0.49
Arochlor 1221	20	87.77	0.4634	ND	0.49
Arochlor 1232	20	87.77	0.3149	ND	0.49
Arochlor 1242	20	87.77	0.3599	ND	0.49
Arochlor 1248	20	87.77	0.1440	ND	0.49
Arochlor 1254	20	87.77	0.0900	ND	0.49
Arochlor 1260	20	87.77	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

001969

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4406.04
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/9/99
	Bldg. 173	**Extraction Date:**	4/12/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/12/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
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	90.81	0.0065	ND	NLE
beta-BHC	20	90.81	0.0065	ND	NLE
gamma-BHC	20	90.81	0.0087	ND	0.52
delta-BHC	20	90.81	0.0087	ND	NLE
Heptachlor	20	90.81	0.0065	ND	0.15
Aldrin	20	90.81	0.0087	ND	0.04
Heptachlor Epoxide	20	90.81	0.0130	ND	NLE
Endosulfan I	20	90.81	0.0108	ND	NLE
4,4'-DDE	20	90.81	0.0087	0.013	2
Dieldrin	20	90.81	0.0108	ND	0.042
Endrin	20	90.81	0.0108	ND	17
Endosulfan II	20	90.81	0.0087	ND	NLE
4,4'-DDD	20	90.81	0.0130	ND	3
Endrin Aldehyde	20	90.81	0.0108	ND	NLE
4,4'-DDT	20	90.81	0.0239	ND	2
Endosulfan-Sulfate	20	90.81	0.0087	ND	NLE
gamma -Chlordane	20	90.81	0.0108	ND	NLE
alpha-Chlordane	20	90.81	0.0108	ND	NLE
Toxaphene	20	90.81	0.0065	ND	0.1
Arochlor 1016	20	90.81	0.2430	ND	0.49
Arochlor 1221	20	90.81	0.4470	ND	0.49
Arochlor 1232	20	90.81	0.3038	ND	0.49
Arochlor 1242	20	90.81	0.3472	ND	0.49
Arochlor 1248	20	90.81	0.1389	ND	0.49
Arochlor 1254	20	90.81	0.0868	ND	0.49
Arochlor 1260	20	90.81	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

001970

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4406.06
	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-2
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	86.09	0.0068	ND	NLE
beta-BHC	20	86.09	0.0068	ND	NLE
gamma-BHC	20	86.09	0.0091	ND	0.52
delta-BHC	20	86.09	0.0091	ND	NLE
Heptachlor	20	86.09	0.0068	ND	0.15
Aldrin	20	86.09	0.0091	ND	0.04
Heptachlor Epoxide	20	86.09	0.0137	ND	NLE
Endosulfan I	20	86.09	0.0114	ND	NLE
4,4'-DDE	20	86.09	0.0091	0.030	2
Dieldrin	20	86.09	0.0114	ND	0.042
Endrin	20	86.09	0.0114	ND	17
Endosulfan II	20	86.09	0.0091	ND	NLE
4,4'-DDD	20	86.09	0.0137	0.021	3
Endrin Aldehyde	20	86.09	0.0114	ND	NLE
4,4'-DDT	20	86.09	0.0251	0.073	2
Endosulfan-Sulfate	20	86.09	0.0091	ND	NLE
gamma -Chlordane	20	86.09	0.0114	ND	NLE
alpha-Chlordane	20	86.09	0.0114	0.013	NLE
Toxaphene	20	86.09	0.0068	ND	0.1
Arochlor 1016	20	86.09	0.2551	ND	0.49
Arochlor 1221	20	86.09	0.4692	ND	0.49
Arochlor 1232	20	86.09	0.3189	ND	0.49
Arochlor 1242	20	86.09	0.3644	ND	0.49
Arochlor 1248	20	86.09	0.1458	ND	0.49
Arochlor 1254	20	86.09	0.0911	ND	0.49
Arochlor 1260	20	86.09	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

001971

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4415.02
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/13/99
	Bldg. 173	**Extraction Date:**	4/15/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/14/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	77

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	**20**	**80.93**	**0.0074**	**ND**	**NLE**
beta-BHC	**20**	**80.93**	**0.0074**	**ND**	**NLE**
gamma-BHC	**20**	**80.93**	**0.0098**	**ND**	**0.52**
delta-BHC	**20**	**80.93**	**0.0098**	**ND**	**NLE**
Heptachlor	**20**	**80.93**	**0.0074**	**ND**	**0.15**
Aldrin	**20**	**80.93**	**0.0098**	**ND**	**0.04**
Heptachlor Epoxide	**20**	**80.93**	**0.0147**	**ND**	**NLE**
Endosulfan I	**20**	**80.93**	**0.0123**	**ND**	**NLE**
4,4'-DDE	**20**	**80.93**	**0.0098**	**0.039**	**2**
Dieldrin	**20**	**80.93**	**0.0123**	**ND**	**0.042**
Endrin	**20**	**80.93**	**0.0123**	**ND**	**17**
Endosulfan II	**20**	**80.93**	**0.0098**	**ND**	**NLE**
4,4'-DDD	**20**	**80.93**	**0.0147**	**0.056**	**3**
Endrin Aldehyde	**20**	**80.93**	**0.0123**	**ND**	**NLE**
4,4'-DDT	**20**	**80.93**	**0.0270**	**0.028**	**2**
Endosulfan-Sulfate	**20**	**80.93**	**0.0098**	**ND**	**NLE**
gamma -Chlordane	**20**	**80.93**	**0.0123**	**ND**	**NLE**
alpha-Chlordane	**20**	**80.93**	**0.0123**	**ND**	**NLE**
Toxaphene	**20**	**80.93**	**0.0074**	**ND**	**0.1**
Arochlor 1016	**5**	**80.93**	**0.0686**	**ND**	**0.49**
Arochlor 1221	**5**	**80.93**	**0.1263**	**ND**	**0.49**
Arochlor 1232	**5**	**80.93**	**0.0858**	**ND**	**0.49**
Arochlor 1242	**5**	**80.93**	**0.0981**	**ND**	**0.49**
Arochlor 1248	**5**	**80.93**	**0.0392**	**ND**	**0.49**
Arochlor 1254	**5**	**80.93**	**0.0245**	**ND**	**0.49**
Arochlor 1260	**5**	**80.93**	**0.0221**	**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

001972

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4415.04
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/13/99
	Bldg. 173	**Extraction Date:**	4/15/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/14/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
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	75.10	0.0078	ND	NLE
beta-BHC	20	75.10	0.0078	ND	NLE
gamma-BHC	20	75.10	0.0104	ND	0.52
delta-BHC	20	75.10	0.0104	ND	NLE
Heptachlor	20	75.10	0.0078	ND	0.15
Aldrin	20	75.10	0.0104	ND	0.04
Heptachlor Epoxide	20	75.10	0.0156	ND	NLE
Endosulfan I	20	75.10	0.0130	ND	NLE
4,4'-DDE	20	75.10	0.0104	0.028	2
Dieldrin	20	75.10	0.0130	ND	0.042
Endrin	20	75.10	0.0130	ND	17
Endosulfan II	20	75.10	0.0104	ND	NLE
4,4'-DDD	20	75.10	0.0156	0.024	3
Endrin Aldehyde	20	75.10	0.0130	ND	NLE
4,4'-DDT	20	75.10	0.0286	ND	2
Endosulfan-Sulfate	20	75.10	0.0104	ND	NLE
gamma -Chlordane	20	75.10	0.0130	0.018	NLE
alpha-Chlordane	20	75.10	0.0130	0.017	NLE
Toxaphene	20	75.10	0.0078	ND	0.1
Arochlor 1016	5	75.10	0.0727	ND	0.49
Arochlor 1221	5	75.10	0.1337	ND	0.49
Arochlor 1232	5	75.10	0.0908	ND	0.49
Arochlor 1242	5	75.10	0.1038	ND	0.49
Arochlor 1248	5	75.10	0.0415	ND	0.49
Arochlor 1254	5	75.10	0.0260	ND	0.49
Arochlor 1260	5	75.10	0.0234	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 # :**	4415.06
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/13/99
	Bldg. 173	**Extraction Date:**	4/15/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/14/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
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	69.15	0.0084	ND	NLE
beta-BHC	20	69.15	0.0084	ND	NLE
gamma-BHC	20	69.15	0.0112	ND	0.52
delta-BHC	20	69.15	0.0112	ND	NLE
Heptachlor	20	69.15	0.0084	ND	0.15
Aldrin	20	69.15	0.0112	ND	0.04
Heptachlor Epoxide	20	69.15	0.0169	ND	NLE
Endosulfan I	20	69.15	0.0141	ND	NLE
4,4'-DDE	20	69.15	0.0112	0.028	2
Dieldrin	20	69.15	0.0141	ND	0.042
Endrin	20	69.15	0.0141	ND	17
Endosulfan II	20	69.15	0.0112	ND	NLE
4,4'-DDD	20	69.15	0.0169	0.023	3
Endrin Aldehyde	20	69.15	0.0141	ND	NLE
4,4'-DDT	20	69.15	0.0309	ND	2
Endosulfan-Sulfate	20	69.15	0.0112	ND	NLE
gamma -Chlordane	20	69.15	0.0141	ND	NLE
alpha-Chlordane	20	69.15	0.0141	ND	NLE
Toxaphene	20	69.15	0.0084	ND	0.1
Arochlor 1016	5	69.15	0.0787	ND	0.49
Arochlor 1221	5	69.15	0.1448	ND	0.49
Arochlor 1232	5	69.15	0.0984	ND	0.49
Arochlor 1242	5	69.15	0.1124	ND	0.49
Arochlor 1248	5	69.15	0.0450	ND	0.49
Arochlor 1254	5	69.15	0.0281	ND	0.49
Arochlor 1260	5	69.15	0.0253	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

001974

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4415.08
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/13/99
	Bldg. 173	**Extraction Date:**	4/15/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/14/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
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	67.87	0.0087	ND	NLE
beta-BHC	20	67.87	0.0087	ND	NLE
gamma-BHC	20	67.87	0.0115	ND	0.52
delta-BHC	20	67.87	0.0115	ND	NLE
Heptachlor	20	67.87	0.0087	ND	0.15
Aldrin	20	67.87	0.0115	ND	0.04
Heptachlor Epoxide	20	67.87	0.0173	ND	NLE
Endosulfan I	20	67.87	0.0144	ND	NLE
4,4'-DDE	20	67.87	0.0115	0.047	2
Dieldrin	20	67.87	0.0144	ND	0.042
Endrin	20	67.87	0.0144	ND	17
Endosulfan II	20	67.87	0.0115	ND	NLE
4,4'-DDD	20	67.87	0.0173	0.043	3
Endrin Aldehyde	20	67.87	0.0144	ND	NLE
4,4'-DDT	20	67.87	0.0317	0.035	2
Endosulfan-Sulfate	20	67.87	0.0115	ND	NLE
gamma -Chlordane	20	67.87	0.0144	ND	NLE
alpha-Chlordane	20	67.87	0.0144	ND	NLE
Toxaphene	20	67.87	0.0087	ND	0.1
Arochlor 1016	5	67.87	0.0807	ND	0.49
Arochlor 1221	5	67.87	0.1485	ND	0.49
Arochlor 1232	5	67.87	0.1009	ND	0.49
Arochlor 1242	5	67.87	0.1153	ND	0.49
Arochlor 1248	5	67.87	0.0461	ND	0.49
Arochlor 1254	5	67.87	0.0288	ND	0.49
Arochlor 1260	5	67.87	0.0260	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 # :**	4418.02
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/14/99
	Bldg. 173	**Extraction Date:**	4/15/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/11/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	81

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	87.12	0.0068	ND	NLE
beta-BHC	20	87.12	0.0068	ND	NLE
gamma-BHC	20	87.12	0.0091	ND	0.52
delta-BHC	20	87.12	0.0091	ND	NLE
Heptachlor	20	87.12	0.0068	ND	0.15
Aldrin	20	87.12	0.0091	ND	0.04
Heptachlor Epoxide	20	87.12	0.0136	ND	NLE
Endosulfan I	20	87.12	0.0114	ND	NLE
4,4'-DDE	20	87.12	0.0091	0.087	2
Dieldrin	20	87.12	0.0114	ND	0.042
Endrin	20	87.12	0.0114	ND	17
Endosulfan II	20	87.12	0.0091	ND	NLE
4,4'-DDD	20	87.12	0.0136	0.065	3
Endrin Aldehyde	20	87.12	0.0114	ND	NLE
4,4'-DDT	20	87.12	0.0250	ND	2
Endosulfan-Sulfate	20	87.12	0.0091	ND	NLE
gamma -Chlordane	20	87.12	0.0114	ND	NLE
alpha-Chlordane	20	87.12	0.0114	ND	NLE
Toxaphene	20	87.12	0.0068	ND	0.1
Arochlor 1016	20	87.12	0.2543	ND	0.49
Arochlor 1221	20	87.12	0.4678	ND	0.49
Arochlor 1232	20	87.12	0.3179	ND	0.49
Arochlor 1242	20	87.12	0.3633	ND	0.49
Arochlor 1248	20	87.12	0.1453	ND	0.49
Arochlor 1254	20	87.12	0.0908	ND	0.49
Arochlor 1260	20	87.12	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 # :**	4418.04
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/14/99
	Bldg. 173	**Extraction Date:**	4/22/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/11/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
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	83.70	0.0070	ND	NLE
beta-BHC	20	83.70	0.0070	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	0.0070	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	0.0117	ND	NLE
4,4'-DDE	20	83.70	0.0094	0.088	2
Dieldrin	20	83.70	0.0117	ND	0.042
Endrin	20	83.70	0.0117	ND	17
Endosulfan II	20	83.70	0.0094	ND	NLE
4,4'-DDD	20	83.70	0.0141	0.142	3
Endrin Aldehyde	20	83.70	0.0117	ND	NLE
4,4'-DDT	20	83.70	0.0258	0.114	2
Endosulfan-Sulfate	20	83.70	0.0094	ND	NLE
gamma -Chlordane	20	83.70	0.0117	0.016	NLE
alpha-Chlordane	20	83.70	0.0117	0.018	NLE
Toxaphene	20	83.70	0.0070	ND	0.1
Arochlor 1016	20	83.70	0.2626	ND	0.49
Arochlor 1221	20	83.70	0.4831	ND	0.49
Arochlor 1232	20	83.70	0.3283	ND	0.49
Arochlor 1242	20	83.70	0.3752	ND	0.49
Arochlor 1248	20	83.70	0.1501	ND	0.49
Arochlor 1254	20	83.70	0.0938	ND	0.49
Arochlor 1260	20	83.70	0.0844	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

001977

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4418.06
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/14/99
	Bldg. 173	**Extraction Date:**	4/22/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/11/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
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	81.56	0.0072	ND	NLE
beta-BHC	20	81.56	0.0072	ND	NLE
gamma-BHC	20	81.56	0.0096	ND	0.52
delta-BHC	20	81.56	0.0096	ND	NLE
Heptachlor	20	81.56	0.0072	ND	0.15
Aldrin	20	81.56	0.0096	ND	0.04
Heptachlor Epoxide	20	81.56	0.0144	ND	NLE
Endosulfan I	20	81.56	0.0120	ND	NLE
4,4'-DDE	20	81.56	0.0096	0.038	2
Dieldrin	20	81.56	0.0120	ND	0.042
Endrin	20	81.56	0.0120	ND	17
Endosulfan II	20	81.56	0.0096	ND	NLE
4,4'-DDD	20	81.56	0.0144	0.018	3
Endrin Aldehyde	20	81.56	0.0120	ND	NLE
4,4'-DDT	20	81.56	0.0264	0.027	2
Endosulfan-Sulfate	20	81.56	0.0096	ND	NLE
gamma -Chlordane	20	81.56	0.0120	ND	NLE
alpha-Chlordane	20	81.56	0.0120	ND	NLE
Toxaphene	20	81.56	0.0072	ND	0.1
Arochlor 1016	20	81.56	0.2687	ND	0.49
Arochlor 1221	20	81.56	0.4943	ND	0.49
Arochlor 1232	20	81.56	0.3359	ND	0.49
Arochlor 1242	20	81.56	0.3839	ND	0.49
Arochlor 1248	20	81.56	0.1536	ND	0.49
Arochlor 1254	20	81.56	0.0960	ND	0.49
Arochlor 1260	20	81.56	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

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4418.08
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/14/99
	Bldg. 173	**Extraction Date:**	4/22/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/11/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
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	72.42	0.0082	ND	NLE
beta-BHC	20	72.42	0.0082	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	0.0082	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	0.0137	ND	NLE
4,4'-DDE	20	72.42	0.0110	0.055	2
Dieldrin	20	72.42	0.0137	ND	0.042
Endrin	20	72.42	0.0137	ND	17
Endosulfan II	20	72.42	0.0110	ND	NLE
4,4'-DDD	20	72.42	0.0165	0.017	3
Endrin Aldehyde	20	72.42	0.0137	ND	NLE
4,4'-DDT	20	72.42	0.0302	0.085	2
Endosulfan-Sulfate	20	72.42	0.0110	ND	NLE
gamma -Chlordane	20	72.42	0.0137	0.028	NLE
alpha-Chlordane	20	72.42	0.0137	0.020	NLE
Toxaphene	20	72.42	0.0082	ND	0.1
Arochlor 1016	5	72.42	0.0768	ND	0.49
Arochlor 1221	5	72.42	0.1412	ND	0.49
Arochlor 1232	5	72.42	0.0960	ND	0.49
Arochlor 1242	5	72.42	0.1097	ND	0.49
Arochlor 1248	5	72.42	0.0439	ND	0.49
Arochlor 1254	5	72.42	0.0274	ND	0.49
Arochlor 1260	5	72.42	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

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4418.10
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/14/99
	Bldg. 173	**Extraction Date:**	4/22/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/11/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
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	85.62	0.0070	ND	NLE
beta-BHC	20	85.62	0.0070	ND	NLE
gamma-BHC	20	85.62	0.0093	ND	0.52
delta-BHC	20	85.62	0.0093	ND	NLE
Heptachlor	20	85.62	0.0070	ND	0.15
Aldrin	20	85.62	0.0093	ND	0.04
Heptachlor Epoxide	20	85.62	0.0139	ND	NLE
Endosulfan I	20	85.62	0.0116	ND	NLE
4,4'-DDE	20	85.62	0.0093	0.068	2
Dieldrin	20	85.62	0.0116	ND	0.042
Endrin	20	85.62	0.0116	ND	17
Endosulfan II	20	85.62	0.0093	ND	NLE
4,4'-DDD	20	85.62	0.0139	0.098	3
Endrin Aldehyde	20	85.62	0.0116	ND	NLE
4,4'-DDT	20	85.62	0.0256	ND	2
Endosulfan-Sulfate	20	85.62	0.0093	ND	NLE
gamma -Chlordane	20	85.62	0.0116	ND	NLE
alpha-Chlordane	20	85.62	0.0116	ND	NLE
Toxaphene	20	85.62	0.0070	ND	0.1
Arochlor 1016	20	85.62	0.2603	ND	0.49
Arochlor 1221	20	85.62	0.4788	ND	0.49
Arochlor 1232	20	85.62	0.3254	ND	0.49
Arochlor 1242	20	85.62	0.3719	ND	0.49
Arochlor 1248	20	85.62	0.1488	ND	0.49
Arochlor 1254	20	85.62	0.0930	ND	0.49
Arochlor 1260	20	85.62	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

001980

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4418.12
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/14/99
	Bldg. 173	**Extraction Date:**	4/22/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/11/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
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	85.96	0.0070	ND	NLE
beta-BHC	20	85.96	0.0070	ND	NLE
gamma-BHC	20	85.96	0.0093	ND	0.52
delta-BHC	20	85.96	0.0093	ND	NLE
Heptachlor	20	85.96	0.0070	ND	0.15
Aldrin	20	85.96	0.0093	ND	0.04
Heptachlor Epoxide	20	85.96	0.0139	ND	NLE
Endosulfan I	20	85.96	0.0116	ND	NLE
4,4'-DDE	20	85.96	0.0093	0.098	2
Dieldrin	20	85.96	0.0116	ND	0.042
Endrin	20	85.96	0.0116	ND	17
Endosulfan II	20	85.96	0.0093	ND	NLE
4,4'-DDD	20	85.96	0.0139	0.140	3
Endrin Aldehyde	20	85.96	0.0116	ND	NLE
4,4'-DDT	20	85.96	0.0255	ND	2
Endosulfan-Sulfate	20	85.96	0.0093	ND	NLE
gamma -Chlordane	20	85.96	0.0116	ND	NLE
alpha-Chlordane	20	85.96	0.0116	ND	NLE
Toxaphene	20	85.96	0.0070	ND	0.1
Arochlor 1016	20	85.96	0.2595	ND	0.49
Arochlor 1221	20	85.96	0.4774	ND	0.49
Arochlor 1232	20	85.96	0.3244	ND	0.49
Arochlor 1242	20	85.96	0.3708	ND	0.49
Arochlor 1248	20	85.96	0.1483	ND	0.49
Arochlor 1254	20	85.96	0.0927	ND	0.49
Arochlor 1260	20	85.96	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

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4423.02
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/16/99
	Bldg. 173	**Extraction Date:**	4/22/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/11/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	87

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	**20**	**87.92**	**0.0067**	**ND**	**NLE**
beta-BHC	**20**	**87.92**	**0.0067**	**ND**	**NLE**
gamma-BHC	**20**	**87.92**	**0.0089**	**ND**	**0.52**
delta-BHC	**20**	**87.92**	**0.0089**	**ND**	**NLE**
Heptachlor	**20**	**87.92**	**0.0067**	**ND**	**0.15**
Aldrin	**20**	**87.92**	**0.0089**	**ND**	**0.04**
Heptachlor Epoxide	**20**	**87.92**	**0.0133**	**ND**	**NLE**
Endosulfan I	**20**	**87.92**	**0.0111**	**ND**	**NLE**
4,4'-DDE	**20**	**87.92**	**0.0089**	**0.044**	**2**
Dieldrin	**20**	**87.92**	**0.0111**	**ND**	**0.042**
Endrin	**20**	**87.92**	**0.0111**	**ND**	**17**
Endosulfan II	**20**	**87.92**	**0.0089**	**ND**	**NLE**
4,4'-DDD	**20**	**87.92**	**0.0133**	**0.149**	**3**
Endrin Aldehyde	**20**	**87.92**	**0.0111**	**ND**	**NLE**
4,4'-DDT	**20**	**87.92**	**0.0244**	**ND**	**2**
Endosulfan-Sulfate	**20**	**87.92**	**0.0089**	**ND**	**NLE**
gamma -Chlordane	**20**	**87.92**	**0.0111**	**ND**	**NLE**
alpha-Chlordane	**20**	**87.92**	**0.0111**	**ND**	**NLE**
Toxaphene	**20**	**87.92**	**0.0067**	**ND**	**0.1**
Arochlor 1016	**20**	**87.92**	**0.2488**	**ND**	**0.49**
Arochlor 1221	**20**	**87.92**	**0.4576**	**ND**	**0.49**
Arochlor 1232	**20**	**87.92**	**0.3110**	**ND**	**0.49**
Arochlor 1242	**20**	**87.92**	**0.3554**	**ND**	**0.49**
Arochlor 1248	**20**	**87.92**	**0.1422**	**ND**	**0.49**
Arochlor 1254	**20**	**87.92**	**0.0889**	**ND**	**0.49**
Arochlor 1260	**20**	**87.92**	**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

001982

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4423.04
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/16/99
	Bldg. 173	**Extraction Date:**	4/22/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/12/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
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	84.96	0.0071	ND	NLE
beta-BHC	20	84.96	0.0071	ND	NLE
gamma-BHC	20	84.96	0.0094	ND	0.52
delta-BHC	20	84.96	0.0094	ND	NLE
Heptachlor	20	84.96	0.0071	ND	0.15
Aldrin	20	84.96	0.0094	ND	0.04
Heptachlor Epoxide	20	84.96	0.0141	ND	NLE
Endosulfan I	20	84.96	0.0118	ND	NLE
4,4'-DDE	20	84.96	0.0094	0.089	2
Dieldrin	20	84.96	0.0118	0.018	0.042
Endrin	20	84.96	0.0118	ND	17
Endosulfan II	20	84.96	0.0094	ND	NLE
4,4'-DDD	20	84.96	0.0141	0.130	3
Endrin Aldehyde	20	84.96	0.0118	ND	NLE
4,4'-DDT	20	84.96	0.0259	0.171	2
Endosulfan-Sulfate	20	84.96	0.0094	ND	NLE
gamma -Chlordane	20	84.96	0.0118	ND	NLE
alpha-Chlordane	20	84.96	0.0118	ND	NLE
Toxaphene	20	84.96	0.0071	ND	0.1
Arochlor 1016	20	84.96	0.2634	ND	0.49
Arochlor 1221	20	84.96	0.4844	ND	0.49
Arochlor 1232	20	84.96	0.3292	ND	0.49
Arochlor 1242	20	84.96	0.3763	ND	0.49
Arochlor 1248	20	84.96	0.1505	ND	0.49
Arochlor 1254	20	84.96	0.0941	ND	0.49
Arochlor 1260	20	84.96	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 # :**	4423.06
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/16/99
	Bldg. 173	**Extraction Date:**	4/22/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/12/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	89

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	88.70	0.0067	ND	NLE
beta-BHC	20	88.70	0.0067	ND	NLE
gamma-BHC	20	88.70	0.0089	ND	0.52
delta-BHC	20	88.70	0.0089	ND	NLE
Heptachlor	20	88.70	0.0067	ND	0.15
Aldrin	20	88.70	0.0089	ND	0.04
Heptachlor Epoxide	20	88.70	0.0133	ND	NLE
Endosulfan I	20	88.70	0.0111	ND	NLE
4,4'-DDE	20	88.70	0.0089	ND	2
Dieldrin	20	88.70	0.0111	ND	0.042
Endrin	20	88.70	0.0111	ND	17
Endosulfan II	20	88.70	0.0089	ND	NLE
4,4'-DDD	20	88.70	0.0133	0.014	3
Endrin Aldehyde	20	88.70	0.0111	ND	NLE
4,4'-DDT	20	88.70	0.0245	ND	2
Endosulfan-Sulfate	20	88.70	0.0089	ND	NLE
gamma -Chlordane	20	88.70	0.0111	0.014	NLE
alpha-Chlordane	20	88.70	0.0111	ND	NLE
Toxaphene	20	88.70	0.0067	ND	0.1
Arochlor 1016	20	88.70	0.2490	ND	0.49
Arochlor 1221	20	88.70	0.4581	ND	0.49
Arochlor 1232	20	88.70	0.3113	ND	0.49
Arochlor 1242	20	88.70	0.3558	ND	0.49
Arochlor 1248	20	88.70	0.1423	ND	0.49
Arochlor 1254	20	88.70	0.0889	ND	0.49
Arochlor 1260	20	88.70	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

001984

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4423.08
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/16/99
	Bldg. 173	**Extraction Date:**	4/22/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/12/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
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	54.80	0.0109	ND	NLE
beta-BHC	20	54.80	0.0109	ND	NLE
gamma-BHC	20	54.80	0.0145	ND	0.52
delta-BHC	20	54.80	0.0145	ND	NLE
Heptachlor	20	54.80	0.0109	ND	0.15
Aldrin	20	54.80	0.0145	ND	0.04
Heptachlor Epoxide	20	54.80	0.0217	ND	NLE
Endosulfan I	20	54.80	0.0181	ND	NLE
4,4'-DDE	20	54.80	0.0145	0.055	2
Dieldrin	20	54.80	0.0181	ND	0.042
Endrin	20	54.80	0.0181	ND	17
Endosulfan II	20	54.80	0.0145	ND	NLE
4,4'-DDD	20	54.80	0.0217	ND	3
Endrin Aldehyde	20	54.80	0.0181	ND	NLE
4,4'-DDT	20	54.80	0.0398	0.066	2
Endosulfan-Sulfate	20	54.80	0.0145	ND	NLE
gamma -Chlordane	20	54.80	0.0181	ND	NLE
alpha-Chlordane	20	54.80	0.0181	0.022	NLE
Toxaphene	20	54.80	0.0109	ND	0.1
Arochlor 1016	5	54.80	0.1014	ND	0.49
Arochlor 1221	5	54.80	0.1865	ND	0.49
Arochlor 1232	5	54.80	0.1267	ND	0.49
Arochlor 1242	5	54.80	0.1448	ND	0.49
Arochlor 1248	5	54.80	0.0579	ND	0.49
Arochlor 1254	5	54.80	0.0362	ND	0.49
Arochlor 1260	5	54.80	0.0326	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 # :**	4423.10
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/16/99
	Bldg. 173	**Extraction Date:**	4/22/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/12/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
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	84.69	0.0069	ND	NLE
beta-BHC	20	84.69	0.0069	ND	NLE
gamma-BHC	20	84.69	0.0092	ND	0.52
delta-BHC	20	84.69	0.0092	ND	NLE
Heptachlor	20	84.69	0.0069	ND	0.15
Aldrin	20	84.69	0.0092	ND	0.04
Heptachlor Epoxide	20	84.69	0.0138	ND	NLE
Endosulfan I	20	84.69	0.0115	ND	NLE
4,4'-DDE	20	84.69	0.0092	0.018	2
Dieldrin	20	84.69	0.0115	ND	0.042
Endrin	20	84.69	0.0115	ND	17
Endosulfan II	20	84.69	0.0092	ND	NLE
4,4'-DDD	20	84.69	0.0138	ND	3
Endrin Aldehyde	20	84.69	0.0115	ND	NLE
4,4'-DDT	20	84.69	0.0253	0.037	2
Endosulfan-Sulfate	20	84.69	0.0092	ND	NLE
gamma -Chlordane	20	84.69	0.0115	ND	NLE
alpha-Chlordane	20	84.69	0.0115	ND	NLE
Toxaphene	20	84.69	0.0069	ND	0.1
Arochlor 1016	20	84.69	0.2578	ND	0.49
Arochlor 1221	20	84.69	0.4742	ND	0.49
Arochlor 1232	20	84.69	0.3222	ND	0.49
Arochlor 1242	20	84.69	0.3683	ND	0.49
Arochlor 1248	20	84.69	0.1473	ND	0.49
Arochlor 1254	20	84.69	0.0921	ND	0.49
Arochlor 1260	20	84.69	0.0829	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

001986

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4434.02
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/20/99
	Bldg. 173	**Extraction Date:**	4/22/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/12/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	92

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	74.33	0.0079	ND	NLE
beta-BHC	20	74.33	0.0079	ND	NLE
gamma-BHC	20	74.33	0.0106	ND	0.52
delta-BHC	20	74.33	0.0106	ND	NLE
Heptachlor	20	74.33	0.0079	ND	0.15
Aldrin	20	74.33	0.0106	ND	0.04
Heptachlor Epoxide	20	74.33	0.0158	ND	NLE
Endosulfan I	20	74.33	0.0132	ND	NLE
4,4'-DDE	20	74.33	0.0106	0.055	2
Dieldrin	20	74.33	0.0132	ND	0.042
Endrin	20	74.33	0.0132	ND	17
Endosulfan II	20	74.33	0.0106	ND	NLE
4,4'-DDD	20	74.33	0.0158	0.037	3
Endrin Aldehyde	20	74.33	0.0132	ND	NLE
4,4'-DDT	20	74.33	0.0290	0.031	2
Endosulfan-Sulfate	20	74.33	0.0106	ND	NLE
gamma -Chlordane	20	74.33	0.0132	0.041	NLE
alpha-Chlordane	20	74.33	0.0132	0.046	NLE
Toxaphene	20	74.33	0.0079	ND	0.1
Arochlor 1016	5	74.33	0.0739	ND	0.49
Arochlor 1221	5	74.33	0.1359	ND	0.49
Arochlor 1232	5	74.33	0.0923	ND	0.49
Arochlor 1242	5	74.33	0.1055	ND	0.49
Arochlor 1248	5	74.33	0.0422	ND	0.49
Arochlor 1254	5	74.33	0.0264	ND	0.49
Arochlor 1260	5	74.33	0.0237	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 # :**	4434.04
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/20/99
	Bldg. 173	**Extraction Date:**	4/22/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/12/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
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	86.56	0.0069	ND	NLE
beta-BHC	20	86.56	0.0069	ND	NLE
gamma-BHC	20	86.56	0.0092	ND	0.52
delta-BHC	20	86.56	0.0092	ND	NLE
Heptachlor	20	86.56	0.0069	ND	0.15
Aldrin	20	86.56	0.0092	ND	0.04
Heptachlor Epoxide	20	86.56	0.0138	ND	NLE
Endosulfan I	20	86.56	0.0115	ND	NLE
4,4'-DDE	20	86.56	0.0092	0.022	2
Dieldrin	20	86.56	0.0115	ND	0.042
Endrin	20	86.56	0.0115	ND	17
Endosulfan II	20	86.56	0.0092	ND	NLE
4,4'-DDD	20	86.56	0.0138	0.027	3
Endrin Aldehyde	20	86.56	0.0115	ND	NLE
4,4'-DDT	20	86.56	0.0253	ND	2
Endosulfan-Sulfate	20	86.56	0.0092	ND	NLE
gamma -Chlordane	20	86.56	0.0115	ND	NLE
alpha-Chlordane	20	86.56	0.0115	ND	NLE
Toxaphene	20	86.56	0.0069	ND	0.1
Arochlor 1016	20	86.56	0.2575	ND	0.49
Arochlor 1221	20	86.56	0.4736	ND	0.49
Arochlor 1232	20	86.56	0.3219	ND	0.49
Arochlor 1242	20	86.56	0.3678	ND	0.49
Arochlor 1248	20	86.56	0.1471	ND	0.49
Arochlor 1254	20	86.56	0.0920	ND	0.49
Arochlor 1260	20	86.56	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

001988

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4434.06
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/20/99
	Bldg. 173	**Extraction Date:**	4/22/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/12/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
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	86.60	0.0068	ND	NLE
beta-BHC	20	86.60	0.0068	ND	NLE
gamma-BHC	20	86.60	0.0090	ND	0.52
delta-BHC	20	86.60	0.0090	ND	NLE
Heptachlor	20	86.60	0.0068	ND	0.15
Aldrin	20	86.60	0.0090	ND	0.04
Heptachlor Epoxide	20	86.60	0.0135	ND	NLE
Endosulfan I	20	86.60	0.0113	ND	NLE
4,4'-DDE	20	86.60	0.0090	0.095	2
Dieldrin	20	86.60	0.0113	ND	0.042
Endrin	20	86.60	0.0113	ND	17
Endosulfan II	20	86.60	0.0090	ND	NLE
4,4'-DDD	20	86.60	0.0135	0.118	3
Endrin Aldehyde	20	86.60	0.0113	ND	NLE
4,4'-DDT	20	86.60	0.0248	ND	2
Endosulfan-Sulfate	20	86.60	0.0090	ND	NLE
gamma -Chlordane	20	86.60	0.0113	ND	NLE
alpha-Chlordane	20	86.60	0.0113	ND	NLE
Toxaphene	20	86.60	0.0068	ND	0.1
Arochlor 1016	20	86.60	0.2521	ND	0.49
Arochlor 1221	20	86.60	0.4637	ND	0.49
Arochlor 1232	20	86.60	0.3151	ND	0.49
Arochlor 1242	20	86.60	0.3602	ND	0.49
Arochlor 1248	20	86.60	0.1441	ND	0.49
Arochlor 1254	20	86.60	0.0900	ND	0.49
Arochlor 1260	20	86.60	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

001989

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4434.08
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/20/99
	Bldg. 173	**Extraction Date:**	4/22/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/12/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
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	56.50	0.0106	ND	NLE
beta-BHC	20	56.50	0.0106	ND	NLE
gamma-BHC	20	56.50	0.0141	ND	0.52
delta-BHC	20	56.50	0.0141	ND	NLE
Heptachlor	20	56.50	0.0106	ND	0.15
Aldrin	20	56.50	0.0141	ND	0.04
Heptachlor Epoxide	20	56.50	0.0211	ND	NLE
Endosulfan I	20	56.50	0.0176	ND	NLE
4,4'-DDE	20	56.50	0.0141	0.066	2
Dieldrin	20	56.50	0.0176	ND	0.042
Endrin	20	56.50	0.0176	ND	17
Endosulfan II	20	56.50	0.0141	ND	NLE
4,4'-DDD	20	56.50	0.0211	ND	3
Endrin Aldehyde	20	56.50	0.0176	ND	NLE
4,4'-DDT	20	56.50	0.0387	0.044	2
Endosulfan-Sulfate	20	56.50	0.0141	ND	NLE
gamma -Chlordane	20	56.50	0.0176	0.028	NLE
alpha-Chlordane	20	56.50	0.0176	0.029	NLE
Toxaphene	20	56.50	0.0106	ND	0.1
Arochlor 1016	5	56.50	0.0986	ND	0.49
Arochlor 1221	5	56.50	0.1814	ND	0.49
Arochlor 1232	5	56.50	0.1233	ND	0.49
Arochlor 1242	5	56.50	0.1409	ND	0.49
Arochlor 1248	5	56.50	0.0564	ND	0.49
Arochlor 1254	5	56.50	0.0352	ND	0.49
Arochlor 1260	5	56.50	0.0317	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 # :**	4434.10
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/20/99
	Bldg. 173	**Extraction Date:**	4/22/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/12/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
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	81.22	0.0073	ND	NLE
beta-BHC	20	81.22	0.0073	ND	NLE
gamma-BHC	20	81.22	0.0097	ND	0.52
delta-BHC	20	81.22	0.0097	ND	NLE
Heptachlor	20	81.22	0.0073	ND	0.15
Aldrin	20	81.22	0.0097	ND	0.04
Heptachlor Epoxide	20	81.22	0.0146	ND	NLE
Endosulfan I	20	81.22	0.0121	ND	NLE
4,4'-DDE	20	81.22	0.0097	0.066	2
Dieldrin	20	81.22	0.0121	ND	0.042
Endrin	20	81.22	0.0121	ND	17
Endosulfan II	20	81.22	0.0097	ND	NLE
4,4'-DDD	20	81.22	0.0146	0.041	3
Endrin Aldehyde	20	81.22	0.0121	ND	NLE
4,4'-DDT	20	81.22	0.0267	0.194	2
Endosulfan-Sulfate	20	81.22	0.0097	ND	NLE
gamma -Chlordane	20	81.22	0.0121	0.013	NLE
alpha-Chlordane	20	81.22	0.0121	ND	NLE
Toxaphene	20	81.22	0.0073	ND	0.1
Arochlor 1016	5	81.22	0.0679	ND	0.49
Arochlor 1221	5	81.22	0.1249	ND	0.49
Arochlor 1232	5	81.22	0.0849	ND	0.49
Arochlor 1242	5	81.22	0.0970	ND	0.49
Arochlor 1248	5	81.22	0.0388	ND	0.49
Arochlor 1254	5	81.22	0.0243	ND	0.49
Arochlor 1260	5	81.22	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

001991

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4443.02
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/27/99
	Bldg. 173	**Extraction Date:**	5/3/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/14/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	97

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	**20**	**78.73**	**0.0074**	**ND**	**NLE**
beta-BHC	**20**	**78.73**	**0.0074**	**ND**	**NLE**
gamma-BHC	**20**	**78.73**	**0.0099**	**ND**	**0.52**
delta-BHC	**20**	**78.73**	**0.0099**	**ND**	**NLE**
Heptachlor	**20**	**78.73**	**0.0074**	**ND**	**0.15**
Aldrin	**20**	**78.73**	**0.0099**	**ND**	**0.04**
Heptachlor Epoxide	**20**	**78.73**	**0.0149**	**ND**	**NLE**
Endosulfan I	**20**	**78.73**	**0.0124**	**ND**	**NLE**
4,4'-DDE	**20**	**78.73**	**0.0099**	**0.082**	**2**
Dieldrin	**20**	**78.73**	**0.0124**	**ND**	**0.042**
Endrin	**20**	**78.73**	**0.0124**	**ND**	**17**
Endosulfan II	**20**	**78.73**	**0.0099**	**ND**	**NLE**
4,4'-DDD	**20**	**78.73**	**0.0149**	**0.033**	**3**
Endrin Aldehyde	**20**	**78.73**	**0.0124**	**ND**	**NLE**
4,4'-DDT	**20**	**78.73**	**0.0273**	**0.225**	**2**
Endosulfan-Sulfate	**20**	**78.73**	**0.0099**	**ND**	**NLE**
gamma -Chlordane	**20**	**78.73**	**0.0124**	**ND**	**NLE**
alpha-Chlordane	**20**	**78.73**	**0.0124**	**ND**	**NLE**
Toxaphene	**20**	**78.73**	**0.0074**	**ND**	**0.1**
Arochlor 1016	**5**	**78.73**	**0.0695**	**ND**	**0.49**
Arochlor 1221	**5**	**78.73**	**0.1278**	**ND**	**0.49**
Arochlor 1232	**5**	**78.73**	**0.0868**	**ND**	**0.49**
Arochlor 1242	**5**	**78.73**	**0.0992**	**ND**	**0.49**
Arochlor 1248	**5**	**78.73**	**0.0397**	**ND**	**0.49**
Arochlor 1254	**5**	**78.73**	**0.0248**	**ND**	**0.49**
Arochlor 1260	**5**	**78.73**	**0.0223**	**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

001992

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4443.04
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/27/99
	Bldg. 173	**Extraction Date:**	5/3/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/14/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
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	69.89	0.0086	ND	NLE
beta-BHC	20	69.89	0.0086	ND	NLE
gamma-BHC	20	69.89	0.0114	ND	0.52
delta-BHC	20	69.89	0.0114	ND	NLE
Heptachlor	20	69.89	0.0086	ND	0.15
Aldrin	20	69.89	0.0114	ND	0.04
Heptachlor Epoxide	20	69.89	0.0172	ND	NLE
Endosulfan I	20	69.89	0.0143	ND	NLE
4,4'-DDE	20	69.89	0.0114	0.067	2
Dieldrin	20	69.89	0.0143	ND	0.042
Endrin	20	69.89	0.0143	ND	17
Endosulfan II	20	69.89	0.0114	ND	NLE
4,4'-DDD	20	69.89	0.0172	0.026	3
Endrin Aldehyde	20	69.89	0.0143	ND	NLE
4,4'-DDT	20	69.89	0.0314	0.076	2
Endosulfan-Sulfate	20	69.89	0.0114	ND	NLE
gamma -Chlordane	20	69.89	0.0143	0.027	NLE
alpha-Chlordane	20	69.89	0.0143	0.023	NLE
Toxaphene	20	69.89	0.0086	ND	0.1
Arochlor 1016	5	69.89	0.0800	ND	0.49
Arochlor 1221	5	69.89	0.1472	ND	0.49
Arochlor 1232	5	69.89	0.1001	ND	0.49
Arochlor 1242	5	69.89	0.1144	ND	0.49
Arochlor 1248	5	69.89	0.0457	ND	0.49
Arochlor 1254	5	69.89	0.0286	ND	0.49
Arochlor 1260	5	69.89	0.0257	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

001993

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4443.06
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/27/99
	Bldg. 173	**Extraction Date:**	5/3/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/15/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
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	90.42	0.0065	ND	NLE
beta-BHC	20	90.42	0.0065	ND	NLE
gamma-BHC	20	90.42	0.0087	ND	0.52
delta-BHC	20	90.42	0.0087	ND	NLE
Heptachlor	20	90.42	0.0065	ND	0.15
Aldrin	20	90.42	0.0087	ND	0.04
Heptachlor Epoxide	20	90.42	0.0131	ND	NLE
Endosulfan I	20	90.42	0.0109	ND	NLE
4,4'-DDE	20	90.42	0.0087	0.044	2
Dieldrin	20	90.42	0.0109	ND	0.042
Endrin	20	90.42	0.0109	ND	17
Endosulfan II	20	90.42	0.0087	ND	NLE
4,4'-DDD	20	90.42	0.0131	0.088	3
Endrin Aldehyde	20	90.42	0.0109	ND	NLE
4,4'-DDT	20	90.42	0.0240	0.047	2
Endosulfan-Sulfate	20	90.42	0.0087	ND	NLE
gamma -Chlordane	20	90.42	0.0109	ND	NLE
alpha-Chlordane	20	90.42	0.0109	ND	NLE
Toxaphene	20	90.42	0.0065	ND	0.1
Arochlor 1016	20	90.42	0.2443	ND	0.49
Arochlor 1221	20	90.42	0.4494	ND	0.49
Arochlor 1232	20	90.42	0.3054	ND	0.49
Arochlor 1242	20	90.42	0.3490	ND	0.49
Arochlor 1248	20	90.42	0.1396	ND	0.49
Arochlor 1254	20	90.42	0.0873	ND	0.49
Arochlor 1260	20	90.42	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 # :**	4526.01
	DPW. SELFM-PW-EV	**Date Rec'd:**	6/1/99
	Bldg. 173	**Extraction Date:**	6/2/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/11/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	100

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	88.21	0.0068	ND	NLE
beta-BHC	20	88.21	0.0068	ND	NLE
gamma-BHC	20	88.21	0.0091	ND	0.52
delta-BHC	20	88.21	0.0091	ND	NLE
Heptachlor	20	88.21	0.0068	ND	0.15
Aldrin	20	88.21	0.0091	ND	0.04
Heptachlor Epoxide	20	88.21	0.0136	ND	NLE
Endosulfan I	20	88.21	0.0113	ND	NLE
4,4'-DDE	20	88.21	0.0091	0.119	2
Dieldrin	20	88.21	0.0113	ND	0.042
Endrin	20	88.21	0.0113	ND	17
Endosulfan II	20	88.21	0.0091	ND	NLE
4,4'-DDD	20	88.21	0.0136	0.186	3
Endrin Aldehyde	20	88.21	0.0113	ND	NLE
4,4'-DDT	20	88.21	0.0249	0.073	2
Endosulfan-Sulfate	20	88.21	0.0091	ND	NLE
gamma -Chlordane	20	88.21	0.0113	ND	NLE
alpha-Chlordane	20	88.21	0.0113	ND	NLE
Toxaphene	20	88.21	0.0068	ND	0.1
Arochlor 1016	20	88.21	0.2539	ND	0.49
Arochlor 1221	20	88.21	0.4671	ND	0.49
Arochlor 1232	20	88.21	0.3174	ND	0.49
Arochlor 1242	20	88.21	0.3628	ND	0.49
Arochlor 1248	20	88.21	0.1451	ND	0.49
Arochlor 1254	20	88.21	0.0907	ND	0.49
Arochlor 1260	20	88.21	0.0816	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 # :**	4443.10
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/27/99
	Bldg. 173	**Extraction Date:**	5/3/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/15/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
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	85.28	0.0069	ND	NLE
beta-BHC	20	85.28	0.0069	ND	NLE
gamma-BHC	20	85.28	0.0091	ND	0.52
delta-BHC	20	85.28	0.0091	ND	NLE
Heptachlor	20	85.28	0.0069	ND	0.15
Aldrin	20	85.28	0.0091	ND	0.04
Heptachlor Epoxide	20	85.28	0.0137	ND	NLE
Endosulfan I	20	85.28	0.0114	ND	NLE
4,4'-DDE	20	85.28	0.0091	0.030	2
Dieldrin	20	85.28	0.0114	ND	0.042
Endrin	20	85.28	0.0114	ND	17
Endosulfan II	20	85.28	0.0091	ND	NLE
4,4'-DDD	20	85.28	0.0137	ND	3
Endrin Aldehyde	20	85.28	0.0114	ND	NLE
4,4'-DDT	20	85.28	0.0251	ND	2
Endosulfan-Sulfate	20	85.28	0.0091	ND	NLE
gamma -Chlordane	20	85.28	0.0114	ND	NLE
alpha-Chlordane	20	85.28	0.0114	ND	NLE
Toxaphene	20	85.28	0.0069	ND	0.1
Arochlor 1016	20	85.28	0.2560	ND	0.49
Arochlor 1221	20	85.28	0.4709	ND	0.49
Arochlor 1232	20	85.28	0.3200	ND	0.49
Arochlor 1242	20	85.28	0.3657	ND	0.49
Arochlor 1248	20	85.28	0.1463	ND	0.49
Arochlor 1254	20	85.28	0.0914	ND	0.49
Arochlor 1260	20	85.28	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 # :**	4446.02
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/27/99
	Bldg. 173	**Extraction Date:**	5/3/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/15/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	102

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	85.94	0.0069	ND	NLE
beta-BHC	20	85.94	0.0069	ND	NLE
gamma-BHC	20	85.94	0.0091	ND	0.52
delta-BHC	20	85.94	0.0091	ND	NLE
Heptachlor	20	85.94	0.0069	ND	0.15
Aldrin	20	85.94	0.0091	ND	0.04
Heptachlor Epoxide	20	85.94	0.0137	ND	NLE
Endosulfan I	20	85.94	0.0114	ND	NLE
4,4'-DDE	20	85.94	0.0091	0.028	2
Dieldrin	20	85.94	0.0114	ND	0.042
Endrin	20	85.94	0.0114	ND	17
Endosulfan II	20	85.94	0.0091	ND	NLE
4,4'-DDD	20	85.94	0.0137	0.482	3
Endrin Aldehyde	20	85.94	0.0114	ND	NLE
4,4'-DDT	20	85.94	0.0251	ND	2
Endosulfan-Sulfate	20	85.94	0.0091	ND	NLE
gamma -Chlordane	20	85.94	0.0114	0.025	NLE
alpha-Chlordane	20	85.94	0.0114	0.017	NLE
Toxaphene	20	85.94	0.0069	ND	0.1
Arochlor 1016	20	85.94	0.2560	ND	0.49
Arochlor 1221	20	85.94	0.4709	ND	0.49
Arochlor 1232	20	85.94	0.3200	ND	0.49
Arochlor 1242	20	85.94	0.3658	ND	0.49
Arochlor 1248	20	85.94	0.1463	ND	0.49
Arochlor 1254	20	85.94	0.0914	ND	0.49
Arochlor 1260	20	85.94	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 # :**	4446.04
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/27/99
	Bldg. 173	**Extraction Date:**	5/3/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/15/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
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	85.60	0.0069	ND	NLE
beta-BHC	20	85.60	0.0069	ND	NLE
gamma-BHC	20	85.60	0.0092	ND	0.52
delta-BHC	20	85.60	0.0092	ND	NLE
Heptachlor	20	85.60	0.0069	ND	0.15
Aldrin	20	85.60	0.0092	ND	0.04
Heptachlor Epoxide	20	85.60	0.0137	ND	NLE
Endosulfan I	20	85.60	0.0114	ND	NLE
4,4'-DDE	20	85.60	0.0092	0.014	2
Dieldrin	20	85.60	0.0114	ND	0.042
Endrin	20	85.60	0.0114	ND	17
Endosulfan II	20	85.60	0.0092	ND	NLE
4,4'-DDD	20	85.60	0.0137	ND	3
Endrin Aldehyde	20	85.60	0.0114	ND	NLE
4,4'-DDT	20	85.60	0.0252	0.031	2
Endosulfan-Sulfate	20	85.60	0.0092	ND	NLE
gamma -Chlordane	20	85.60	0.0114	ND	NLE
alpha-Chlordane	20	85.60	0.0114	ND	NLE
Toxaphene	20	85.60	0.0069	ND	0.1
Arochlor 1016	20	85.60	0.2563	ND	0.49
Arochlor 1221	20	85.60	0.4714	ND	0.49
Arochlor 1232	20	85.60	0.3204	ND	0.49
Arochlor 1242	20	85.60	0.3661	ND	0.49
Arochlor 1248	20	85.60	0.1465	ND	0.49
Arochlor 1254	20	85.60	0.0915	ND	0.49
Arochlor 1260	20	85.60	0.0824	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 # :**	444.06
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/27/99
	Bldg. 173	**Extraction Date:**	5/3/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/15/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	104

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	84.64	0.0070	ND	NLE
beta-BHC	20	84.64	0.0070	ND	NLE
gamma-BHC	20	84.64	0.0094	ND	0.52
delta-BHC	20	84.64	0.0094	ND	NLE
Heptachlor	20	84.64	0.0070	ND	0.15
Aldrin	20	84.64	0.0094	ND	0.04
Heptachlor Epoxide	20	84.64	0.0141	ND	NLE
Endosulfan I	20	84.64	0.0117	ND	NLE
4,4'-DDE	20	84.64	0.0094	0.027	2
Dieldrin	20	84.64	0.0117	ND	0.042
Endrin	20	84.64	0.0117	ND	17
Endosulfan II	20	84.64	0.0094	ND	NLE
4,4'-DDD	20	84.64	0.0141	0.021	3
Endrin Aldehyde	20	84.64	0.0117	ND	NLE
4,4'-DDT	20	84.64	0.0258	ND	2
Endosulfan-Sulfate	20	84.64	0.0094	ND	NLE
gamma -Chlordane	20	84.64	0.0117	ND	NLE
alpha-Chlordane	20	84.64	0.0117	ND	NLE
Toxaphene	20	84.64	0.0070	ND	0.1
Arochlor 1016	20	84.64	0.2631	ND	0.49
Arochlor 1221	20	84.64	0.4839	ND	0.49
Arochlor 1232	20	84.64	0.3288	ND	0.49
Arochlor 1242	20	84.64	0.3758	ND	0.49
Arochlor 1248	20	84.64	0.1503	ND	0.49
Arochlor 1254	20	84.64	0.0940	ND	0.49
Arochlor 1260	20	84.64	0.0846	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 # :**	4446.08
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/27/99
	Bldg. 173	**Extraction Date:**	5/3/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/15/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
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	87.34	0.0068	ND	NLE
beta-BHC	20	87.34	0.0068	ND	NLE
gamma-BHC	20	87.34	0.0090	ND	0.52
delta-BHC	20	87.34	0.0090	ND	NLE
Heptachlor	20	87.34	0.0068	ND	0.15
Aldrin	20	87.34	0.0090	ND	0.04
Heptachlor Epoxide	20	87.34	0.0135	ND	NLE
Endosulfan I	20	87.34	0.0113	ND	NLE
4,4'-DDE	20	87.34	0.0090	0.295	2
Dieldrin	20	87.34	0.0113	ND	0.042
Endrin	20	87.34	0.0113	ND	17
Endosulfan II	20	87.34	0.0090	ND	NLE
4,4'-DDD	20	87.34	0.0135	0.299	3
Endrin Aldehyde	20	87.34	0.0113	ND	NLE
4,4'-DDT	20	87.34	0.0248	0.036	2
Endosulfan-Sulfate	20	87.34	0.0090	ND	NLE
gamma -Chlordane	20	87.34	0.0113	ND	NLE
alpha-Chlordane	20	87.34	0.0113	ND	NLE
Toxaphene	20	87.34	0.0068	ND	0.1
Arochlor 1016	20	87.34	0.2527	ND	0.49
Arochlor 1221	20	87.34	0.4647	ND	0.49
Arochlor 1232	20	87.34	0.3158	ND	0.49
Arochlor 1242	20	87.34	0.3610	ND	0.49
Arochlor 1248	20	87.34	0.1444	ND	0.49
Arochlor 1254	20	87.34	0.0902	ND	0.49
Arochlor 1260	20	87.34	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

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4446.10
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/27/99
	Bldg. 173	**Extraction Date:**	5/3/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/15/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
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	86.03	0.0069	ND	NLE
beta-BHC	20	86.03	0.0069	ND	NLE
gamma-BHC	20	86.03	0.0092	ND	0.52
delta-BHC	20	86.03	0.0092	ND	NLE
Heptachlor	20	86.03	0.0069	ND	0.15
Aldrin	20	86.03	0.0092	ND	0.04
Heptachlor Epoxide	20	86.03	0.0138	ND	NLE
Endosulfan I	20	86.03	0.0115	ND	NLE
4,4'-DDE	20	86.03	0.0092	0.257	2
Dieldrin	20	86.03	0.0115	ND	0.042
Endrin	20	86.03	0.0115	ND	17
Endosulfan II	20	86.03	0.0092	ND	NLE
4,4'-DDD	20	86.03	0.0138	0.941	3
Endrin Aldehyde	20	86.03	0.0115	ND	NLE
4,4'-DDT	20	86.03	0.0253	0.293	2
Endosulfan-Sulfate	20	86.03	0.0092	ND	NLE
gamma -Chlordane	20	86.03	0.0115	0.046	NLE
alpha-Chlordane	20	86.03	0.0115	0.048	NLE
Toxaphene	20	86.03	0.0069	ND	0.1
Arochlor 1016	20	86.03	0.2578	ND	0.49
Arochlor 1221	20	86.03	0.4742	ND	0.49
Arochlor 1232	20	86.03	0.3222	ND	0.49
Arochlor 1242	20	86.03	0.3683	ND	0.49
Arochlor 1248	20	86.03	0.1473	ND	0.49
Arochlor 1254	20	86.03	0.0921	ND	0.49
Arochlor 1260	20	86.03	0.0829	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 # :**	4446.12
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/27/99
	Bldg. 173	**Extraction Date:**	5/3/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/15/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
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	84.32	0.0070	ND	NLE
beta-BHC	20	84.32	0.0070	ND	NLE
gamma-BHC	20	84.32	0.0093	ND	0.52
delta-BHC	20	84.32	0.0093	ND	NLE
Heptachlor	20	84.32	0.0070	ND	0.15
Aldrin	20	84.32	0.0093	ND	0.04
Heptachlor Epoxide	20	84.32	0.0140	ND	NLE
Endosulfan I	20	84.32	0.0116	ND	NLE
4,4'-DDE	20	84.32	0.0093	ND	2
Dieldrin	20	84.32	0.0116	ND	0.042
Endrin	20	84.32	0.0116	ND	17
Endosulfan II	20	84.32	0.0093	ND	NLE
4,4'-DDD	20	84.32	0.0140	ND	3
Endrin Aldehyde	20	84.32	0.0116	ND	NLE
4,4'-DDT	20	84.32	0.0256	ND	2
Endosulfan-Sulfate	20	84.32	0.0093	ND	NLE
gamma -Chlordane	20	84.32	0.0116	ND	NLE
alpha-Chlordane	20	84.32	0.0116	ND	NLE
Toxaphene	20	84.32	0.0070	ND	0.1
Arochlor 1016	20	84.32	0.2604	ND	0.49
Arochlor 1221	20	84.32	0.4790	ND	0.49
Arochlor 1232	20	84.32	0.3256	ND	0.49
Arochlor 1242	20	84.32	0.3721	ND	0.49
Arochlor 1248	20	84.32	0.1488	ND	0.49
Arochlor 1254	20	84.32	0.0930	ND	0.49
Arochlor 1260	20	84.32	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

002002

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4462.02
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/4/99
	Bldg. 173	**Extraction Date:**	5/10/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/17/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	108

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	86.21	0.0070	ND	NLE
beta-BHC	20	86.21	0.0070	ND	NLE
gamma-BHC	20	86.21	0.0093	ND	0.52
delta-BHC	20	86.21	0.0093	ND	NLE
Heptachlor	20	86.21	0.0070	ND	0.15
Aldrin	20	86.21	0.0093	ND	0.04
Heptachlor Epoxide	20	86.21	0.0139	ND	NLE
Endosulfan I	20	86.21	0.0116	ND	NLE
4,4'-DDE	20	86.21	0.0093	ND	2
Dieldrin	20	86.21	0.0116	ND	0.042
Endrin	20	86.21	0.0116	ND	17
Endosulfan II	20	86.21	0.0093	ND	NLE
4,4'-DDD	20	86.21	0.0139	ND	3
Endrin Aldehyde	20	86.21	0.0116	ND	NLE
4,4'-DDT	20	86.21	0.0255	ND	2
Endosulfan-Sulfate	20	86.21	0.0093	ND	NLE
gamma -Chlordane	20	86.21	0.0116	ND	NLE
alpha-Chlordane	20	86.21	0.0116	ND	NLE
Toxaphene	20	86.21	0.0070	ND	0.1
Arochlor 1016	20	86.21	0.2598	ND	0.49
Arochlor 1221	20	86.21	0.4779	ND	0.49
Arochlor 1232	20	86.21	0.3248	ND	0.49
Arochlor 1242	20	86.21	0.3712	ND	0.49
Arochlor 1248	20	86.21	0.1485	ND	0.49
Arochlor 1254	20	86.21	0.0928	ND	0.49
Arochlor 1260	20	86.21	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 # :**	4462.04
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/4/99
	Bldg. 173	**Extraction Date:**	5/10/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/17/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
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	86.01	0.0069	ND	NLE
beta-BHC	20	86.01	0.0069	ND	NLE
gamma-BHC	20	86.01	0.0092	ND	0.52
delta-BHC	20	86.01	0.0092	ND	NLE
Heptachlor	20	86.01	0.0069	ND	0.15
Aldrin	20	86.01	0.0092	ND	0.04
Heptachlor Epoxide	20	86.01	0.0138	ND	NLE
Endosulfan I	20	86.01	0.0115	ND	NLE
4,4'-DDE	20	86.01	0.0092	0.011	2
Dieldrin	20	86.01	0.0115	ND	0.042
Endrin	20	86.01	0.0115	ND	17
Endosulfan II	20	86.01	0.0092	ND	NLE
4,4'-DDD	20	86.01	0.0138	ND	3
Endrin Aldehyde	20	86.01	0.0115	ND	NLE
4,4'-DDT	20	86.01	0.0253	ND	2
Endosulfan-Sulfate	20	86.01	0.0092	ND	NLE
gamma -Chlordane	20	86.01	0.0115	ND	NLE
alpha-Chlordane	20	86.01	0.0115	ND	NLE
Toxaphene	20	86.01	0.0069	ND	0.1
Arochlor 1016	20	86.01	0.2573	ND	0.49
Arochlor 1221	20	86.01	0.4733	ND	0.49
Arochlor 1232	20	86.01	0.3217	ND	0.49
Arochlor 1242	20	86.01	0.3676	ND	0.49
Arochlor 1248	20	86.01	0.1471	ND	0.49
Arochlor 1254	20	86.01	0.0919	ND	0.49
Arochlor 1260	20	86.01	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 # :**	4462.06
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/4/99
	Bldg. 173	**Extraction Date:**	5/10/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/17/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
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	87.76	0.0068	ND	NLE
beta-BHC	20	87.76	0.0068	ND	NLE
gamma-BHC	20	87.76	0.0091	ND	0.52
delta-BHC	20	87.76	0.0091	ND	NLE
Heptachlor	20	87.76	0.0068	ND	0.15
Aldrin	20	87.76	0.0091	ND	0.04
Heptachlor Epoxide	20	87.76	0.0136	ND	NLE
Endosulfan I	20	87.76	0.0113	ND	NLE
4,4'-DDE	20	87.76	0.0091	ND	2
Dieldrin	20	87.76	0.0113	ND	0.042
Endrin	20	87.76	0.0113	ND	17
Endosulfan II	20	87.76	0.0091	ND	NLE
4,4'-DDD	20	87.76	0.0136	ND	3
Endrin Aldehyde	20	87.76	0.0113	ND	NLE
4,4'-DDT	20	87.76	0.0249	ND	2
Endosulfan-Sulfate	20	87.76	0.0091	ND	NLE
gamma -Chlordane	20	87.76	0.0113	ND	NLE
alpha-Chlordane	20	87.76	0.0113	ND	NLE
Toxaphene	20	87.76	0.0068	ND	0.1
Arochlor 1016	20	87.76	0.2537	ND	0.49
Arochlor 1221	20	87.76	0.4667	ND	0.49
Arochlor 1232	20	87.76	0.3171	ND	0.49
Arochlor 1242	20	87.76	0.3625	ND	0.49
Arochlor 1248	20	87.76	0.1450	ND	0.49
Arochlor 1254	20	87.76	0.0906	ND	0.49
Arochlor 1260	20	87.76	0.0816	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 # :**	4462.08
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/4/99
	Bldg. 173	**Extraction Date:**	5/10/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/17/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
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	87.25	0.0067	ND	NLE
beta-BHC	20	87.25	0.0067	ND	NLE
gamma-BHC	20	87.25	0.0090	ND	0.52
delta-BHC	20	87.25	0.0090	ND	NLE
Heptachlor	20	87.25	0.0067	ND	0.15
Aldrin	20	87.25	0.0090	ND	0.04
Heptachlor Epoxide	20	87.25	0.0135	ND	NLE
Endosulfan I	20	87.25	0.0112	ND	NLE
4,4'-DDE	20	87.25	0.0090	0.020	2
Dieldrin	20	87.25	0.0112	ND	0.042
Endrin	20	87.25	0.0112	ND	17
Endosulfan II	20	87.25	0.0090	ND	NLE
4,4'-DDD	20	87.25	0.0135	0.029	3
Endrin Aldehyde	20	87.25	0.0112	ND	NLE
4,4'-DDT	20	87.25	0.0247	ND	2
Endosulfan-Sulfate	20	87.25	0.0090	ND	NLE
gamma -Chlordane	20	87.25	0.0112	ND	NLE
alpha-Chlordane	20	87.25	0.0112	ND	NLE
Toxaphene	20	87.25	0.0067	ND	0.1
Arochlor 1016	20	87.25	0.2517	ND	0.49
Arochlor 1221	20	87.25	0.4629	ND	0.49
Arochlor 1232	20	87.25	0.3146	ND	0.49
Arochlor 1242	20	87.25	0.3596	ND	0.49
Arochlor 1248	20	87.25	0.1438	ND	0.49
Arochlor 1254	20	87.25	0.0899	ND	0.49
Arochlor 1260	20	87.25	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

002006

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4462.10
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/4/99
	Bldg. 173	**Extraction Date:**	5/10/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/17/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
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	86.32	0.0068	ND	NLE
beta-BHC	20	86.32	0.0068	ND	NLE
gamma-BHC	20	86.32	0.0091	ND	0.52
delta-BHC	20	86.32	0.0091	ND	NLE
Heptachlor	20	86.32	0.0068	ND	0.15
Aldrin	20	86.32	0.0091	ND	0.04
Heptachlor Epoxide	20	86.32	0.0136	ND	NLE
Endosulfan I	20	86.32	0.0113	ND	NLE
4,4'-DDE	20	86.32	0.0091	0.173	2
Dieldrin	20	86.32	0.0113	ND	0.042
Endrin	20	86.32	0.0113	ND	17
Endosulfan II	20	86.32	0.0091	ND	NLE
4,4'-DDD	20	86.32	0.0136	0.156	3
Endrin Aldehyde	20	86.32	0.0113	ND	NLE
4,4'-DDT	20	86.32	0.0249	0.121	2
Endosulfan-Sulfate	20	86.32	0.0091	ND	NLE
gamma -Chlordane	20	86.32	0.0113	ND	NLE
alpha-Chlordane	20	86.32	0.0113	ND	NLE
Toxaphene	20	86.32	0.0068	ND	0.1
Arochlor 1016	20	86.32	0.2537	ND	0.49
Arochlor 1221	20	86.32	0.4666	ND	0.49
Arochlor 1232	20	86.32	0.3171	ND	0.49
Arochlor 1242	20	86.32	0.3624	ND	0.49
Arochlor 1248	20	86.32	0.1450	ND	0.49
Arochlor 1254	20	86.32	0.0906	ND	0.49
Arochlor 1260	20	86.32	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

002007

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4466.02
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/6/99
	Bldg. 173	**Extraction Date:**	5/10/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/17/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	113

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	**20**	**85.77**	**0.0068**	**ND**	**NLE**
beta-BHC	**20**	**85.77**	**0.0068**	**ND**	**NLE**
gamma-BHC	**20**	**85.77**	**0.0091**	**ND**	**0.52**
delta-BHC	**20**	**85.77**	**0.0091**	**ND**	**NLE**
Heptachlor	**20**	**85.77**	**0.0068**	**ND**	**0.15**
Aldrin	**20**	**85.77**	**0.0091**	**ND**	**0.04**
Heptachlor Epoxide	**20**	**85.77**	**0.0137**	**ND**	**NLE**
Endosulfan I	**20**	**85.77**	**0.0114**	**ND**	**NLE**
4,4'-DDE	**20**	**85.77**	**0.0091**	**0.079**	**2**
Dieldrin	**20**	**85.77**	**0.0114**	**ND**	**0.042**
Endrin	**20**	**85.77**	**0.0114**	**ND**	**17**
Endosulfan II	**20**	**85.77**	**0.0091**	**ND**	**NLE**
4,4'-DDD	**20**	**85.77**	**0.0137**	**0.020**	**3**
Endrin Aldehyde	**20**	**85.77**	**0.0114**	**ND**	**NLE**
4,4'-DDT	**20**	**85.77**	**0.0251**	**0.121**	**2**
Endosulfan-Sulfate	**20**	**85.77**	**0.0091**	**ND**	**NLE**
gamma -Chlordane	**20**	**85.77**	**0.0114**	**0.014**	**NLE**
alpha-Chlordane	**20**	**85.77**	**0.0114**	**0.014**	**NLE**
Toxaphene	**20**	**85.77**	**0.0068**	**ND**	**0.1**
Arochlor 1016	**20**	**85.77**	**0.2555**	**ND**	**0.49**
Arochlor 1221	**20**	**85.77**	**0.4700**	**ND**	**0.49**
Arochlor 1232	**20**	**85.77**	**0.3194**	**ND**	**0.49**
Arochlor 1242	**20**	**85.77**	**0.3651**	**ND**	**0.49**
Arochlor 1248	**20**	**85.77**	**0.1460**	**ND**	**0.49**
Arochlor 1254	**20**	**85.77**	**0.0913**	**ND**	**0.49**
Arochlor 1260	**20**	**85.77**	**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

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4466.04
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/6/99
	Bldg. 173	**Extraction Date:**	5/10/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/17/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
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	87.94	0.0067	ND	NLE
beta-BHC	20	87.94	0.0067	ND	NLE
gamma-BHC	20	87.94	0.0089	ND	0.52
delta-BHC	20	87.94	0.0089	ND	NLE
Heptachlor	20	87.94	0.0067	ND	0.15
Aldrin	20	87.94	0.0089	ND	0.04
Heptachlor Epoxide	20	87.94	0.0134	ND	NLE
Endosulfan I	20	87.94	0.0111	ND	NLE
4,4'-DDE	20	87.94	0.0089	0.044	2
Dieldrin	20	87.94	0.0111	ND	0.042
Endrin	20	87.94	0.0111	ND	17
Endosulfan II	20	87.94	0.0089	ND	NLE
4,4'-DDD	20	87.94	0.0134	0.027	3
Endrin Aldehyde	20	87.94	0.0111	ND	NLE
4,4'-DDT	20	87.94	0.0245	0.028	2
Endosulfan-Sulfate	20	87.94	0.0089	ND	NLE
gamma -Chlordane	20	87.94	0.0111	0.024	NLE
alpha-Chlordane	20	87.94	0.0111	0.017	NLE
Toxaphene	20	87.94	0.0067	ND	0.1
Arochlor 1016	20	87.94	0.2497	ND	0.49
Arochlor 1221	20	87.94	0.4593	ND	0.49
Arochlor 1232	20	87.94	0.3122	ND	0.49
Arochlor 1242	20	87.94	0.3567	ND	0.49
Arochlor 1248	20	87.94	0.1427	ND	0.49
Arochlor 1254	20	87.94	0.0892	ND	0.49
Arochlor 1260	20	87.94	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

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4466.06
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/6/99
	Bldg. 173	**Extraction Date:**	5/10/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/17/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
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	91.39	0.0065	ND	NLE
beta-BHC	20	91.39	0.0065	ND	NLE
gamma-BHC	20	91.39	0.0086	ND	0.52
delta-BHC	20	91.39	0.0086	ND	NLE
Heptachlor	20	91.39	0.0065	ND	0.15
Aldrin	20	91.39	0.0086	ND	0.04
Heptachlor Epoxide	20	91.39	0.0130	ND	NLE
Endosulfan I	20	91.39	0.0108	ND	NLE
4,4'-DDE	20	91.39	0.0086	0.013	2
Dieldrin	20	91.39	0.0108	ND	0.042
Endrin	20	91.39	0.0108	ND	17
Endosulfan II	20	91.39	0.0086	ND	NLE
4,4'-DDD	20	91.39	0.0130	ND	3
Endrin Aldehyde	20	91.39	0.0108	ND	NLE
4,4'-DDT	20	91.39	0.0238	0.034	2
Endosulfan-Sulfate	20	91.39	0.0086	ND	NLE
gamma -Chlordane	20	91.39	0.0108	ND	NLE
alpha-Chlordane	20	91.39	0.0108	ND	NLE
Toxaphene	20	91.39	0.0065	ND	0.1
Arochlor 1016	20	91.39	0.2420	ND	0.49
Arochlor 1221	20	91.39	0.4450	ND	0.49
Arochlor 1232	20	91.39	0.3024	ND	0.49
Arochlor 1242	20	91.39	0.3457	ND	0.49
Arochlor 1248	20	91.39	0.1383	ND	0.49
Arochlor 1254	20	91.39	0.0864	ND	0.49
Arochlor 1260	20	91.39	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

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4466.08
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/6/99
	Bldg. 173	**Extraction Date:**	5/10/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/17/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
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	90.51	0.0065	ND	NLE
beta-BHC	20	90.51	0.0065	ND	NLE
gamma-BHC	20	90.51	0.0087	ND	0.52
delta-BHC	20	90.51	0.0087	ND	NLE
Heptachlor	20	90.51	0.0065	ND	0.15
Aldrin	20	90.51	0.0087	ND	0.04
Heptachlor Epoxide	20	90.51	0.0131	ND	NLE
Endosulfan I	20	90.51	0.0109	ND	NLE
4,4'-DDE	20	90.51	0.0087	ND	2
Dieldrin	20	90.51	0.0109	ND	0.042
Endrin	20	90.51	0.0109	ND	17
Endosulfan II	20	90.51	0.0087	ND	NLE
4,4'-DDD	20	90.51	0.0131	ND	3
Endrin Aldehyde	20	90.51	0.0109	ND	NLE
4,4'-DDT	20	90.51	0.0240	ND	2
Endosulfan-Sulfate	20	90.51	0.0087	ND	NLE
gamma -Chlordane	20	90.51	0.0109	ND	NLE
alpha-Chlordane	20	90.51	0.0109	ND	NLE
Toxaphene	20	90.51	0.0065	ND	0.1
Arochlor 1016	20	90.51	0.2441	ND	0.49
Arochlor 1221	20	90.51	0.4489	ND	0.49
Arochlor 1232	20	90.51	0.3051	ND	0.49
Arochlor 1242	20	90.51	0.3487	ND	0.49
Arochlor 1248	20	90.51	0.1395	ND	0.49
Arochlor 1254	20	90.51	0.0872	ND	0.49
Arochlor 1260	20	90.51	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 # :**	4466.10
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/6/99
	Bldg. 173	**Extraction Date:**	5/10/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/17/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
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	83.85	0.0071	ND	NLE
beta-BHC	20	83.85	0.0071	ND	NLE
gamma-BHC	20	83.85	0.0095	ND	0.52
delta-BHC	20	83.85	0.0095	ND	NLE
Heptachlor	20	83.85	0.0071	ND	0.15
Aldrin	20	83.85	0.0095	ND	0.04
Heptachlor Epoxide	20	83.85	0.0143	ND	NLE
Endosulfan I	20	83.85	0.0119	ND	NLE
4,4'-DDE	20	83.85	0.0095	ND	2
Dieldrin	20	83.85	0.0119	ND	0.042
Endrin	20	83.85	0.0119	ND	17
Endosulfan II	20	83.85	0.0095	ND	NLE
4,4'-DDD	20	83.85	0.0143	ND	3
Endrin Aldehyde	20	83.85	0.0119	ND	NLE
4,4'-DDT	20	83.85	0.0262	ND	2
Endosulfan-Sulfate	20	83.85	0.0095	ND	NLE
gamma -Chlordane	20	83.85	0.0119	ND	NLE
alpha-Chlordane	20	83.85	0.0119	ND	NLE
Toxaphene	20	83.85	0.0071	ND	0.1
Arochlor 1016	20	83.85	0.2663	ND	0.49
Arochlor 1221	20	83.85	0.4899	ND	0.49
Arochlor 1232	20	83.85	0.3329	ND	0.49
Arochlor 1242	20	83.85	0.3805	ND	0.49
Arochlor 1248	20	83.85	0.1522	ND	0.49
Arochlor 1254	20	83.85	0.0951	ND	0.49
Arochlor 1260	20	83.85	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 # :**	4466.12
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/6/99
	Bldg. 173	**Extraction Date:**	5/10/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/18/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
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	94.44	0.0063	ND	NLE
beta-BHC	20	94.44	0.0063	ND	NLE
gamma-BHC	20	94.44	0.0084	ND	0.52
delta-BHC	20	94.44	0.0084	ND	NLE
Heptachlor	20	94.44	0.0063	ND	0.15
Aldrin	20	94.44	0.0084	ND	0.04
Heptachlor Epoxide	20	94.44	0.0127	ND	NLE
Endosulfan I	20	94.44	0.0106	ND	NLE
4,4'-DDE	20	94.44	0.0084	ND	2
Dieldrin	20	94.44	0.0106	ND	0.042
Endrin	20	94.44	0.0106	ND	17
Endosulfan II	20	94.44	0.0084	ND	NLE
4,4'-DDD	20	94.44	0.0127	ND	3
Endrin Aldehyde	20	94.44	0.0106	ND	NLE
4,4'-DDT	20	94.44	0.0232	ND	2
Endosulfan-Sulfate	20	94.44	0.0084	ND	NLE
gamma -Chlordane	20	94.44	0.0106	ND	NLE
alpha-Chlordane	20	94.44	0.0106	ND	NLE
Toxaphene	20	94.44	0.0063	ND	0.1
Arochlor 1016	20	94.44	0.2365	ND	0.49
Arochlor 1221	20	94.44	0.4350	ND	0.49
Arochlor 1232	20	94.44	0.2956	ND	0.49
Arochlor 1242	20	94.44	0.3378	ND	0.49
Arochlor 1248	20	94.44	0.1351	ND	0.49
Arochlor 1254	20	94.44	0.0845	ND	0.49
Arochlor 1260	20	94.44	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

002013

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4468.02
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/7/99
	Bldg. 173	**Extraction Date:**	5/10/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/18/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	119

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	87.57	0.0067	ND	NLE
beta-BHC	20	87.57	0.0067	ND	NLE
gamma-BHC	20	87.57	0.0089	ND	0.52
delta-BHC	20	87.57	0.0089	ND	NLE
Heptachlor	20	87.57	0.0067	ND	0.15
Aldrin	20	87.57	0.0089	ND	0.04
Heptachlor Epoxide	20	87.57	0.0134	ND	NLE
Endosulfan I	20	87.57	0.0112	ND	NLE
4,4'-DDE	20	87.57	0.0089	0.340	2
Dieldrin	20	87.57	0.0112	ND	0.042
Endrin	20	87.57	0.0112	ND	17
Endosulfan II	20	87.57	0.0089	ND	NLE
4,4'-DDD	20	87.57	0.0134	0.172	3
Endrin Aldehyde	20	87.57	0.0112	ND	NLE
4,4'-DDT	20	87.57	0.0246	1.836	2
Endosulfan-Sulfate	20	87.57	0.0089	ND	NLE
gamma -Chlordane	20	87.57	0.0112	ND	NLE
alpha-Chlordane	20	87.57	0.0112	ND	NLE
Toxaphene	20	87.57	0.0067	ND	0.1
Arochlor 1016	20	87.57	0.2500	ND	0.49
Arochlor 1221	20	87.57	0.4599	ND	0.49
Arochlor 1232	20	87.57	0.3126	ND	0.49
Arochlor 1242	20	87.57	0.3572	ND	0.49
Arochlor 1248	20	87.57	0.1429	ND	0.49
Arochlor 1254	20	87.57	0.0893	ND	0.49
Arochlor 1260	20	87.57	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

002014

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4468.04
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/7/99
	Bldg. 173	**Extraction Date:**	5/10/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/18/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
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	86.36	0.0069	ND	NLE
beta-BHC	20	86.36	0.0069	ND	NLE
gamma-BHC	20	86.36	0.0092	ND	0.52
delta-BHC	20	86.36	0.0092	ND	NLE
Heptachlor	20	86.36	0.0069	ND	0.15
Aldrin	20	86.36	0.0092	ND	0.04
Heptachlor Epoxide	20	86.36	0.0139	ND	NLE
Endosulfan I	20	86.36	0.0116	ND	NLE
4,4'-DDE	20	86.36	0.0092	0.019	2
Dieldrin	20	86.36	0.0116	ND	0.042
Endrin	20	86.36	0.0116	ND	17
Endosulfan II	20	86.36	0.0092	ND	NLE
4,4'-DDD	20	86.36	0.0139	0.022	3
Endrin Aldehyde	20	86.36	0.0116	ND	NLE
4,4'-DDT	20	86.36	0.0254	0.124	2
Endosulfan-Sulfate	20	86.36	0.0092	ND	NLE
gamma -Chlordane	20	86.36	0.0116	0.012	NLE
alpha-Chlordane	20	86.36	0.0116	ND	NLE
Toxaphene	20	86.36	0.0069	ND	0.1
Arochlor 1016	1	86.36	0.0129	ND	0.49
Arochlor 1221	1	86.36	0.0238	ND	0.49
Arochlor 1232	1	86.36	0.0162	ND	0.49
Arochlor 1242	1	86.36	0.0185	ND	0.49
Arochlor 1248	1	86.36	0.0074	ND	0.49
Arochlor 1254	1	86.36	0.0046	ND	0.49
Arochlor 1260	1	86.36	0.0042	1.764	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

002015

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4468.06
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/7/99
	Bldg. 173	**Extraction Date:**	5/10/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/18/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
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	85.54	0.0070	ND	NLE
beta-BHC	20	85.54	0.0070	ND	NLE
gamma-BHC	20	85.54	0.0093	ND	0.52
delta-BHC	20	85.54	0.0093	ND	NLE
Heptachlor	20	85.54	0.0070	ND	0.15
Aldrin	20	85.54	0.0093	ND	0.04
Heptachlor Epoxide	20	85.54	0.0140	ND	NLE
Endosulfan I	20	85.54	0.0116	ND	NLE
4,4'-DDE	20	85.54	0.0093	0.023	2
Dieldrin	20	85.54	0.0116	ND	0.042
Endrin	20	85.54	0.0116	ND	17
Endosulfan II	20	85.54	0.0093	ND	NLE
4,4'-DDD	20	85.54	0.0140	0.014	3
Endrin Aldehyde	20	85.54	0.0116	ND	NLE
4,4'-DDT	20	85.54	0.0256	0.057	2
Endosulfan-Sulfate	20	85.54	0.0093	ND	NLE
gamma -Chlordane	20	85.54	0.0116	ND	NLE
alpha-Chlordane	20	85.54	0.0116	ND	NLE
Toxaphene	20	85.54	0.0070	ND	0.1
Arochlor 1016	20	85.54	0.2608	ND	0.49
Arochlor 1221	20	85.54	0.4797	ND	0.49
Arochlor 1232	20	85.54	0.3260	ND	0.49
Arochlor 1242	20	85.54	0.3726	ND	0.49
Arochlor 1248	20	85.54	0.1490	ND	0.49
Arochlor 1254	20	85.54	0.0932	ND	0.49
Arochlor 1260	20	85.54	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/.25u

002016

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4468.08
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/7/99
	Bldg. 173	**Extraction Date:**	5/10/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/18/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
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	89.42	0.0067	ND	NLE
beta-BHC	20	89.42	0.0067	ND	NLE
gamma-BHC	20	89.42	0.0089	ND	0.52
delta-BHC	20	89.42	0.0089	ND	NLE
Heptachlor	20	89.42	0.0067	ND	0.15
Aldrin	20	89.42	0.0089	ND	0.04
Heptachlor Epoxide	20	89.42	0.0133	ND	NLE
Endosulfan I	20	89.42	0.0111	ND	NLE
4,4'-DDE	20	89.42	0.0089	ND	2
Dieldrin	20	89.42	0.0111	ND	0.042
Endrin	20	89.42	0.0111	ND	17
Endosulfan II	20	89.42	0.0089	ND	NLE
4,4'-DDD	20	89.42	0.0133	ND	3
Endrin Aldehyde	20	89.42	0.0111	ND	NLE
4,4'-DDT	20	89.42	0.0245	ND	2
Endosulfan-Sulfate	20	89.42	0.0089	ND	NLE
gamma -Chlordane	20	89.42	0.0111	ND	NLE
alpha-Chlordane	20	89.42	0.0111	ND	NLE
Toxaphene	20	89.42	0.0067	ND	0.1
Arochlor 1016	20	89.42	0.2490	ND	0.49
Arochlor 1221	20	89.42	0.4580	ND	0.49
Arochlor 1232	20	89.42	0.3113	ND	0.49
Arochlor 1242	20	89.42	0.3557	ND	0.49
Arochlor 1248	20	89.42	0.1423	ND	0.49
Arochlor 1254	20	89.42	0.0889	ND	0.49
Arochlor 1260	20	89.42	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

002017

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4468.10
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/7/99
	Bldg. 173	**Extraction Date:**	5/10/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/18/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
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	84.28	0.0070	ND	NLE
beta-BHC	20	84.28	0.0070	ND	NLE
gamma-BHC	20	84.28	0.0093	ND	0.52
delta-BHC	20	84.28	0.0093	ND	NLE
Heptachlor	20	84.28	0.0070	ND	0.15
Aldrin	20	84.28	0.0093	ND	0.04
Heptachlor Epoxide	20	84.28	0.0139	ND	NLE
Endosulfan I	20	84.28	0.0116	ND	NLE
4,4'-DDE	20	84.28	0.0093	0.013	2
Dieldrin	20	84.28	0.0116	ND	0.042
Endrin	20	84.28	0.0116	ND	17
Endosulfan II	20	84.28	0.0093	ND	NLE
4,4'-DDD	20	84.28	0.0139	ND	3
Endrin Aldehyde	20	84.28	0.0116	ND	NLE
4,4'-DDT	20	84.28	0.0256	ND	2
Endosulfan-Sulfate	20	84.28	0.0093	ND	NLE
gamma -Chlordane	20	84.28	0.0116	ND	NLE
alpha-Chlordane	20	84.28	0.0116	ND	NLE
Toxaphene	20	84.28	0.0070	ND	0.1
Arochlor 1016	20	84.28	0.2603	ND	0.49
Arochlor 1221	20	84.28	0.4788	ND	0.49
Arochlor 1232	20	84.28	0.3254	ND	0.49
Arochlor 1242	20	84.28	0.3719	ND	0.49
Arochlor 1248	20	84.28	0.1488	ND	0.49
Arochlor 1254	20	84.28	0.0930	ND	0.49
Arochlor 1260	20	84.28	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

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4468.12
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/7/99
	Bldg. 173	**Extraction Date:**	5/10/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/18/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
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	80.02	0.0074	ND	NLE
beta-BHC	20	80.02	0.0074	ND	NLE
gamma-BHC	20	80.02	0.0099	ND	0.52
delta-BHC	20	80.02	0.0099	ND	NLE
Heptachlor	20	80.02	0.0074	ND	0.15
Aldrin	20	80.02	0.0099	ND	0.04
Heptachlor Epoxide	20	80.02	0.0148	ND	NLE
Endosulfan I	20	80.02	0.0124	ND	NLE
4,4'-DDE	20	80.02	0.0099	0.012	2
Dieldrin	20	80.02	0.0124	ND	0.042
Endrin	20	80.02	0.0124	ND	17
Endosulfan II	20	80.02	0.0099	ND	NLE
4,4'-DDD	20	80.02	0.0148	ND	3
Endrin Aldehyde	20	80.02	0.0124	ND	NLE
4,4'-DDT	20	80.02	0.0272	ND	2
Endosulfan-Sulfate	20	80.02	0.0099	ND	NLE
gamma -Chlordane	20	80.02	0.0124	ND	NLE
alpha-Chlordane	20	80.02	0.0124	ND	NLE
Toxaphene	20	80.02	0.0074	ND	0.1
Arochlor 1016	5	80.02	0.0692	ND	0.49
Arochlor 1221	5	80.02	0.1273	ND	0.49
Arochlor 1232	5	80.02	0.0865	ND	0.49
Arochlor 1242	5	80.02	0.0989	ND	0.49
Arochlor 1248	5	80.02	0.0396	ND	0.49
Arochlor 1254	5	80.02	0.0247	ND	0.49
Arochlor 1260	5	80.02	0.0222	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 # :**	4468.14
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/7/99
	Bldg. 173	**Extraction Date:**	5/10/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/18/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	125

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	77.71	0.0077	ND	NLE
beta-BHC	20	77.71	0.0077	ND	NLE
gamma-BHC	20	77.71	0.0103	ND	0.52
delta-BHC	20	77.71	0.0103	ND	NLE
Heptachlor	20	77.71	0.0077	ND	0.15
Aldrin	20	77.71	0.0103	ND	0.04
Heptachlor Epoxide	20	77.71	0.0154	ND	NLE
Endosulfan I	20	77.71	0.0128	ND	NLE
4,4'-DDE	20	77.71	0.0103	0.026	2
Dieldrin	20	77.71	0.0128	ND	0.042
Endrin	20	77.71	0.0128	ND	17
Endosulfan II	20	77.71	0.0103	ND	NLE
4,4'-DDD	20	77.71	0.0154	0.022	3
Endrin Aldehyde	20	77.71	0.0128	ND	NLE
4,4'-DDT	20	77.71	0.0282	ND	2
Endosulfan-Sulfate	20	77.71	0.0103	ND	NLE
gamma -Chlordane	20	77.71	0.0128	ND	NLE
alpha-Chlordane	20	77.71	0.0128	ND	NLE
Toxaphene	20	77.71	0.0077	ND	0.1
Arochlor 1016	5	77.71	0.0718	ND	0.49
Arochlor 1221	5	77.71	0.1321	ND	0.49
Arochlor 1232	5	77.71	0.0898	ND	0.49
Arochlor 1242	5	77.71	0.1026	ND	0.49
Arochlor 1248	5	77.71	0.0411	ND	0.49
Arochlor 1254	5	77.71	0.0257	ND	0.49
Arochlor 1260	5	77.71	0.0231	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 # :**	4468.16
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/7/99
	Bldg. 173	**Extraction Date:**	5/10/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/18/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
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	93.62	0.0063	ND	NLE
beta-BHC	20	93.62	0.0063	ND	NLE
gamma-BHC	20	93.62	0.0084	ND	0.52
delta-BHC	20	93.62	0.0084	ND	NLE
Heptachlor	20	93.62	0.0063	ND	0.15
Aldrin	20	93.62	0.0084	ND	0.04
Heptachlor Epoxide	20	93.62	0.0127	ND	NLE
Endosulfan I	20	93.62	0.0106	ND	NLE
4,4'-DDE	20	93.62	0.0084	ND	2
Dieldrin	20	93.62	0.0106	ND	0.042
Endrin	20	93.62	0.0106	ND	17
Endosulfan II	20	93.62	0.0084	ND	NLE
4,4'-DDD	20	93.62	0.0127	ND	3
Endrin Aldehyde	20	93.62	0.0106	ND	NLE
4,4'-DDT	20	93.62	0.0232	ND	2
Endosulfan-Sulfate	20	93.62	0.0084	ND	NLE
gamma -Chlordane	20	93.62	0.0106	ND	NLE
alpha-Chlordane	20	93.62	0.0106	ND	NLE
Toxaphene	20	93.62	0.0063	ND	0.1
Arochlor 1016	20	93.62	0.2364	ND	0.49
Arochlor 1221	20	93.62	0.4349	ND	0.49
Arochlor 1232	20	93.62	0.2955	ND	0.49
Arochlor 1242	20	93.62	0.3378	ND	0.49
Arochlor 1248	20	93.62	0.1351	ND	0.49
Arochlor 1254	20	93.62	0.0844	ND	0.49
Arochlor 1260	20	93.62	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

002021

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4468.18
	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-2
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	86.18	0.0068	ND	NLE
beta-BHC	20	86.18	0.0068	ND	NLE
gamma-BHC	20	86.18	0.0091	ND	0.52
delta-BHC	20	86.18	0.0091	ND	NLE
Heptachlor	20	86.18	0.0068	ND	0.15
Aldrin	20	86.18	0.0091	ND	0.04
Heptachlor Epoxide	20	86.18	0.0136	ND	NLE
Endosulfan I	20	86.18	0.0113	ND	NLE
4,4'-DDE	20	86.18	0.0091	0.013	2
Dieldrin	20	86.18	0.0113	ND	0.042
Endrin	20	86.18	0.0113	ND	17
Endosulfan II	20	86.18	0.0091	ND	NLE
4,4'-DDD	20	86.18	0.0136	0.017	3
Endrin Aldehyde	20	86.18	0.0113	ND	NLE
4,4'-DDT	20	86.18	0.0249	0.038	2
Endosulfan-Sulfate	20	86.18	0.0091	ND	NLE
gamma -Chlordane	20	86.18	0.0113	ND	NLE
alpha-Chlordane	20	86.18	0.0113	ND	NLE
Toxaphene	20	86.18	0.0068	ND	0.1
Arochlor 1016	20	86.18	0.2538	ND	0.49
Arochlor 1221	20	86.18	0.4669	ND	0.49
Arochlor 1232	20	86.18	0.3173	ND	0.49
Arochlor 1242	20	86.18	0.3626	ND	0.49
Arochlor 1248	20	86.18	0.1450	ND	0.49
Arochlor 1254	20	86.18	0.0907	ND	0.49
Arochlor 1260	20	86.18	0.0816	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

002022

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4472.02
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/10/99
	Bldg. 173	**Extraction Date:**	5/12/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/19/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	128

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	**20**	**80.52**	**0.0074**	**ND**	**NLE**
beta-BHC	**20**	**80.52**	**0.0074**	**ND**	**NLE**
gamma-BHC	**20**	**80.52**	**0.0099**	**ND**	**0.52**
delta-BHC	**20**	**80.52**	**0.0099**	**ND**	**NLE**
Heptachlor	**20**	**80.52**	**0.0074**	**ND**	**0.15**
Aldrin	**20**	**80.52**	**0.0099**	**ND**	**0.04**
Heptachlor Epoxide	**20**	**80.52**	**0.0148**	**ND**	**NLE**
Endosulfan I	**20**	**80.52**	**0.0124**	**ND**	**NLE**
4,4'-DDE	**20**	**80.52**	**0.0099**	**0.021**	**2**
Dieldrin	**20**	**80.52**	**0.0124**	**ND**	**0.042**
Endrin	**20**	**80.52**	**0.0124**	**ND**	**17**
Endosulfan II	**20**	**80.52**	**0.0099**	**ND**	**NLE**
4,4'-DDD	**20**	**80.52**	**0.0148**	**0.025**	**3**
Endrin Aldehyde	**20**	**80.52**	**0.0124**	**ND**	**NLE**
4,4'-DDT	**20**	**80.52**	**0.0272**	**ND**	**2**
Endosulfan-Sulfate	**20**	**80.52**	**0.0099**	**ND**	**NLE**
gamma -Chlordane	**20**	**80.52**	**0.0124**	**ND**	**NLE**
alpha-Chlordane	**20**	**80.52**	**0.0124**	**ND**	**NLE**
Toxaphene	**20**	**80.52**	**0.0074**	**ND**	**0.1**
Arochlor 1016	**5**	**80.52**	**0.0693**	**ND**	**0.49**
Arochlor 1221	**5**	**80.52**	**0.1274**	**ND**	**0.49**
Arochlor 1232	**5**	**80.52**	**0.0866**	**ND**	**0.49**
Arochlor 1242	**5**	**80.52**	**0.0990**	**ND**	**0.49**
Arochlor 1248	**5**	**80.52**	**0.0396**	**ND**	**0.49**
Arochlor 1254	**5**	**80.52**	**0.0247**	**ND**	**0.49**
Arochlor 1260	**5**	**80.52**	**0.0223**	**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

002023

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4472.04
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/10/99
	Bldg. 173	**Extraction Date:**	5/12/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/19/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
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	82.35	0.0073	ND	NLE
beta-BHC	20	82.35	0.0073	ND	NLE
gamma-BHC	20	82.35	0.0097	ND	0.52
delta-BHC	20	82.35	0.0097	ND	NLE
Heptachlor	20	82.35	0.0073	ND	0.15
Aldrin	20	82.35	0.0097	ND	0.04
Heptachlor Epoxide	20	82.35	0.0145	ND	NLE
Endosulfan I	20	82.35	0.0121	ND	NLE
4,4'-DDE	20	82.35	0.0097	0.035	2
Dieldrin	20	82.35	0.0121	ND	0.042
Endrin	20	82.35	0.0121	ND	17
Endosulfan II	20	82.35	0.0097	ND	NLE
4,4'-DDD	20	82.35	0.0145	0.059	3
Endrin Aldehyde	20	82.35	0.0121	ND	NLE
4,4'-DDT	20	82.35	0.0267	0.040	2
Endosulfan-Sulfate	20	82.35	0.0097	ND	NLE
gamma -Chlordane	20	82.35	0.0121	0.015	NLE
alpha-Chlordane	20	82.35	0.0121	0.013	NLE
Toxaphene	20	82.35	0.0073	ND	0.1
Arochlor 1016	5	82.35	0.0679	ND	0.49
Arochlor 1221	5	82.35	0.1248	ND	0.49
Arochlor 1232	5	82.35	0.0848	ND	0.49
Arochlor 1242	5	82.35	0.0970	ND	0.49
Arochlor 1248	5	82.35	0.0388	ND	0.49
Arochlor 1254	5	82.35	0.0242	ND	0.49
Arochlor 1260	5	82.35	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

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4472.06
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/10/99
	Bldg. 173	**Extraction Date:**	5/12/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/19/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
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	84.03	0.0070	ND	NLE
beta-BHC	20	84.03	0.0070	ND	NLE
gamma-BHC	20	84.03	0.0093	ND	0.52
delta-BHC	20	84.03	0.0093	ND	NLE
Heptachlor	20	84.03	0.0070	ND	0.15
Aldrin	20	84.03	0.0093	ND	0.04
Heptachlor Epoxide	20	84.03	0.0140	ND	NLE
Endosulfan I	20	84.03	0.0116	ND	NLE
4,4'-DDE	20	84.03	0.0093	0.014	2
Dieldrin	20	84.03	0.0116	ND	0.042
Endrin	20	84.03	0.0116	ND	17
Endosulfan II	20	84.03	0.0093	ND	NLE
4,4'-DDD	20	84.03	0.0140	0.019	3
Endrin Aldehyde	20	84.03	0.0116	ND	NLE
4,4'-DDT	20	84.03	0.0256	ND	2
Endosulfan-Sulfate	20	84.03	0.0093	ND	NLE
gamma -Chlordane	20	84.03	0.0116	ND	NLE
alpha-Chlordane	20	84.03	0.0116	ND	NLE
Toxaphene	20	84.03	0.0070	ND	0.1
Arochlor 1016	20	84.03	0.2608	ND	0.49
Arochlor 1221	20	84.03	0.4797	ND	0.49
Arochlor 1232	20	84.03	0.3260	ND	0.49
Arochlor 1242	20	84.03	0.3726	ND	0.49
Arochlor 1248	20	84.03	0.1490	ND	0.49
Arochlor 1254	20	84.03	0.0932	ND	0.49
Arochlor 1260	20	84.03	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/.25u

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4472.08
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/10/99
	Bldg. 173	**Extraction Date:**	5/12/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/19/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
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	84.40	0.0070	ND	NLE
beta-BHC	20	84.40	0.0070	ND	NLE
gamma-BHC	20	84.40	0.0094	ND	0.52
delta-BHC	20	84.40	0.0094	ND	NLE
Heptachlor	20	84.40	0.0070	ND	0.15
Aldrin	20	84.40	0.0094	ND	0.04
Heptachlor Epoxide	20	84.40	0.0141	ND	NLE
Endosulfan I	20	84.40	0.0117	ND	NLE
4,4'-DDE	20	84.40	0.0094	0.010	2
Dieldrin	20	84.40	0.0117	ND	0.042
Endrin	20	84.40	0.0117	ND	17
Endosulfan II	20	84.40	0.0094	ND	NLE
4,4'-DDD	20	84.40	0.0141	ND	3
Endrin Aldehyde	20	84.40	0.0117	ND	NLE
4,4'-DDT	20	84.40	0.0258	ND	2
Endosulfan-Sulfate	20	84.40	0.0094	ND	NLE
gamma -Chlordane	20	84.40	0.0117	ND	NLE
alpha-Chlordane	20	84.40	0.0117	ND	NLE
Toxaphene	20	84.40	0.0070	ND	0.1
Arochlor 1016	20	84.40	0.2625	ND	0.49
Arochlor 1221	20	84.40	0.4828	ND	0.49
Arochlor 1232	20	84.40	0.3281	ND	0.49
Arochlor 1242	20	84.40	0.3750	ND	0.49
Arochlor 1248	20	84.40	0.1500	ND	0.49
Arochlor 1254	20	84.40	0.0938	ND	0.49
Arochlor 1260	20	84.40	0.0844	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

002026

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4472.10
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/10/99
	Bldg. 173	**Extraction Date:**	5/14/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/19/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
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	83.60	0.0070	ND	NLE
beta-BHC	20	83.60	0.0070	ND	NLE
gamma-BHC	20	83.60	0.0094	ND	0.52
delta-BHC	20	83.60	0.0094	ND	NLE
Heptachlor	20	83.60	0.0070	ND	0.15
Aldrin	20	83.60	0.0094	ND	0.04
Heptachlor Epoxide	20	83.60	0.0140	ND	NLE
Endosulfan I	20	83.60	0.0117	ND	NLE
4,4'-DDE	20	83.60	0.0094	0.018	2
Dieldrin	20	83.60	0.0117	ND	0.042
Endrin	20	83.60	0.0117	ND	17
Endosulfan II	20	83.60	0.0094	ND	NLE
4,4'-DDD	20	83.60	0.0140	ND	3
Endrin Aldehyde	20	83.60	0.0117	ND	NLE
4,4'-DDT	20	83.60	0.0257	ND	2
Endosulfan-Sulfate	20	83.60	0.0094	ND	NLE
gamma -Chlordane	20	83.60	0.0117	ND	NLE
alpha-Chlordane	20	83.60	0.0117	ND	NLE
Toxaphene	20	83.60	0.0070	ND	0.1
Arochlor 1016	20	83.60	0.2619	ND	0.49
Arochlor 1221	20	83.60	0.4817	ND	0.49
Arochlor 1232	20	83.60	0.3274	ND	0.49
Arochlor 1242	20	83.60	0.3742	ND	0.49
Arochlor 1248	20	83.60	0.1497	ND	0.49
Arochlor 1254	20	83.60	0.0935	ND	0.49
Arochlor 1260	20	83.60	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

002027

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4472.12
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/10/99
	Bldg. 173	**Extraction Date:**	5/12/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/19/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
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	93.19	0.0063	ND	NLE
beta-BHC	20	93.19	0.0063	ND	NLE
gamma-BHC	20	93.19	0.0083	ND	0.52
delta-BHC	20	93.19	0.0083	ND	NLE
Heptachlor	20	93.19	0.0063	ND	0.15
Aldrin	20	93.19	0.0083	ND	0.04
Heptachlor Epoxide	20	93.19	0.0125	ND	NLE
Endosulfan I	20	93.19	0.0104	ND	NLE
4,4'-DDE	20	93.19	0.0083	ND	2
Dieldrin	20	93.19	0.0104	ND	0.042
Endrin	20	93.19	0.0104	ND	17
Endosulfan II	20	93.19	0.0083	ND	NLE
4,4'-DDD	20	93.19	0.0125	ND	3
Endrin Aldehyde	20	93.19	0.0104	ND	NLE
4,4'-DDT	20	93.19	0.0229	ND	2
Endosulfan-Sulfate	20	93.19	0.0083	ND	NLE
gamma -Chlordane	20	93.19	0.0104	ND	NLE
alpha-Chlordane	20	93.19	0.0104	ND	NLE
Toxaphene	20	93.19	0.0063	ND	0.1
Arochlor 1016	20	93.19	0.2334	ND	0.49
Arochlor 1221	20	93.19	0.4292	ND	0.49
Arochlor 1232	20	93.19	0.2917	ND	0.49
Arochlor 1242	20	93.19	0.3334	ND	0.49
Arochlor 1248	20	93.19	0.1334	ND	0.49
Arochlor 1254	20	93.19	0.0833	ND	0.49
Arochlor 1260	20	93.19	0.0750	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

002028

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4472.14
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/10/99
	Bldg. 173	**Extraction Date:**	5/12/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/19/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
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	93.88	0.0063	ND	NLE
beta-BHC	20	93.88	0.0063	ND	NLE
gamma-BHC	20	93.88	0.0084	ND	0.52
delta-BHC	20	93.88	0.0084	ND	NLE
Heptachlor	20	93.88	0.0063	ND	0.15
Aldrin	20	93.88	0.0084	ND	0.04
Heptachlor Epoxide	20	93.88	0.0125	ND	NLE
Endosulfan I	20	93.88	0.0104	ND	NLE
4,4'-DDE	20	93.88	0.0084	ND	2
Dieldrin	20	93.88	0.0104	ND	0.042
Endrin	20	93.88	0.0104	ND	17
Endosulfan II	20	93.88	0.0084	ND	NLE
4,4'-DDD	20	93.88	0.0125	ND	3
Endrin Aldehyde	20	93.88	0.0104	ND	NLE
4,4'-DDT	20	93.88	0.0230	ND	2
Endosulfan-Sulfate	20	93.88	0.0084	ND	NLE
gamma -Chlordane	20	93.88	0.0104	ND	NLE
alpha-Chlordane	20	93.88	0.0104	ND	NLE
Toxaphene	20	93.88	0.0063	ND	0.1
Arochlor 1016	20	93.88	0.2339	ND	0.49
Arochlor 1221	20	93.88	0.4303	ND	0.49
Arochlor 1232	20	93.88	0.2924	ND	0.49
Arochlor 1242	20	93.88	0.3342	ND	0.49
Arochlor 1248	20	93.88	0.1337	ND	0.49
Arochlor 1254	20	93.88	0.0835	ND	0.49
Arochlor 1260	20	93.88	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

002029

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4472.16
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/10/99
	Bldg. 173	**Extraction Date:**	5/12/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/19/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
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	83.84	0.0071	ND	NLE
beta-BHC	20	83.84	0.0071	ND	NLE
gamma-BHC	20	83.84	0.0094	ND	0.52
delta-BHC	20	83.84	0.0094	ND	NLE
Heptachlor	20	83.84	0.0071	ND	0.15
Aldrin	20	83.84	0.0094	ND	0.04
Heptachlor Epoxide	20	83.84	0.0141	ND	NLE
Endosulfan I	20	83.84	0.0118	ND	NLE
4,4'-DDE	20	83.84	0.0094	0.029	2
Dieldrin	20	83.84	0.0118	0.029	0.042
Endrin	20	83.84	0.0118	ND	17
Endosulfan II	20	83.84	0.0094	ND	NLE
4,4'-DDD	20	83.84	0.0141	0.044	3
Endrin Aldehyde	20	83.84	0.0118	ND	NLE
4,4'-DDT	20	83.84	0.0259	0.032	2
Endosulfan-Sulfate	20	83.84	0.0094	ND	NLE
gamma -Chlordane	20	83.84	0.0118	ND	NLE
alpha-Chlordane	20	83.84	0.0118	ND	NLE
Toxaphene	20	83.84	0.0071	ND	0.1
Arochlor 1016	20	83.84	0.2635	ND	0.49
Arochlor 1221	20	83.84	0.4846	ND	0.49
Arochlor 1232	20	83.84	0.3294	ND	0.49
Arochlor 1242	20	83.84	0.3764	ND	0.49
Arochlor 1248	20	83.84	0.1506	ND	0.49
Arochlor 1254	20	83.84	0.0941	ND	0.49
Arochlor 1260	20	83.84	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

002030

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4472.18
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/10/99
	Bldg. 173	**Extraction Date:**	5/12/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/19/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
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	74.16	0.0079	ND	NLE
beta-BHC	20	74.16	0.0079	ND	NLE
gamma-BHC	20	74.16	0.0105	ND	0.52
delta-BHC	20	74.16	0.0105	ND	NLE
Heptachlor	20	74.16	0.0079	ND	0.15
Aldrin	20	74.16	0.0105	ND	0.04
Heptachlor Epoxide	20	74.16	0.0157	ND	NLE
Endosulfan I	20	74.16	0.0131	ND	NLE
4,4'-DDE	20	74.16	0.0105	0.021	2
Dieldrin	20	74.16	0.0131	ND	0.042
Endrin	20	74.16	0.0131	ND	17
Endosulfan II	20	74.16	0.0105	ND	NLE
4,4'-DDD	20	74.16	0.0157	0.080	3
Endrin Aldehyde	20	74.16	0.0131	ND	NLE
4,4'-DDT	20	74.16	0.0289	ND	2
Endosulfan-Sulfate	20	74.16	0.0105	ND	NLE
gamma -Chlordane	20	74.16	0.0131	ND	NLE
alpha-Chlordane	20	74.16	0.0131	ND	NLE
Toxaphene	20	74.16	0.0079	ND	0.1
Arochlor 1016	5	74.16	0.0735	ND	0.49
Arochlor 1221	5	74.16	0.1351	ND	0.49
Arochlor 1232	5	74.16	0.0918	ND	0.49
Arochlor 1242	5	74.16	0.1049	ND	0.49
Arochlor 1248	5	74.16	0.0420	ND	0.49
Arochlor 1254	5	74.16	0.0262	ND	0.49
Arochlor 1260	5	74.16	0.0236	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

002031

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4472.20
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/10/99
	Bldg. 173	**Extraction Date:**	5/12/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/19/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
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	84.07	0.0070	ND	NLE
beta-BHC	20	84.07	0.0070	ND	NLE
gamma-BHC	20	84.07	0.0094	ND	0.52
delta-BHC	20	84.07	0.0094	ND	NLE
Heptachlor	20	84.07	0.0070	ND	0.15
Aldrin	20	84.07	0.0094	ND	0.04
Heptachlor Epoxide	20	84.07	0.0141	ND	NLE
Endosulfan I	20	84.07	0.0117	ND	NLE
4,4'-DDE	20	84.07	0.0094	0.018	2
Dieldrin	20	84.07	0.0117	ND	0.042
Endrin	20	84.07	0.0117	ND	17
Endosulfan II	20	84.07	0.0094	ND	NLE
4,4'-DDD	20	84.07	0.0141	0.033	3
Endrin Aldehyde	20	84.07	0.0117	ND	NLE
4,4'-DDT	20	84.07	0.0258	ND	2
Endosulfan-Sulfate	20	84.07	0.0094	ND	NLE
gamma -Chlordane	20	84.07	0.0117	ND	NLE
alpha-Chlordane	20	84.07	0.0117	ND	NLE
Toxaphene	20	84.07	0.0070	ND	0.1
Arochlor 1016	20	84.07	0.2628	ND	0.49
Arochlor 1221	20	84.07	0.4833	ND	0.49
Arochlor 1232	20	84.07	0.3285	ND	0.49
Arochlor 1242	20	84.07	0.3754	ND	0.49
Arochlor 1248	20	84.07	0.1502	ND	0.49
Arochlor 1254	20	84.07	0.0938	ND	0.49
Arochlor 1260	20	84.07	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

002032

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4472.22
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/10/99
	Bldg. 173	**Extraction Date:**	5/12/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/19/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
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	86.79	0.0067	ND	NLE
beta-BHC	20	86.79	0.0067	ND	NLE
gamma-BHC	20	86.79	0.0090	ND	0.52
delta-BHC	20	86.79	0.0090	ND	NLE
Heptachlor	20	86.79	0.0067	ND	0.15
Aldrin	20	86.79	0.0090	ND	0.04
Heptachlor Epoxide	20	86.79	0.0135	ND	NLE
Endosulfan I	20	86.79	0.0112	ND	NLE
4,4'-DDE	20	86.79	0.0090	0.056	2
Dieldrin	20	86.79	0.0112	ND	0.042
Endrin	20	86.79	0.0112	ND	17
Endosulfan II	20	86.79	0.0090	ND	NLE
4,4'-DDD	20	86.79	0.0135	0.210	3
Endrin Aldehyde	20	86.79	0.0112	ND	NLE
4,4'-DDT	20	86.79	0.0247	ND	2
Endosulfan-Sulfate	20	86.79	0.0090	ND	NLE
gamma -Chlordane	20	86.79	0.0112	0.019	NLE
alpha-Chlordane	20	86.79	0.0112	ND	NLE
Toxaphene	20	86.79	0.0067	ND	0.1
Arochlor 1016	20	86.79	0.2518	ND	0.49
Arochlor 1221	20	86.79	0.4631	ND	0.49
Arochlor 1232	20	86.79	0.3147	ND	0.49
Arochlor 1242	20	86.79	0.3597	ND	0.49
Arochlor 1248	20	86.79	0.1439	ND	0.49
Arochlor 1254	20	86.79	0.0899	ND	0.49
Arochlor 1260	20	86.79	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

062033

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4472.24
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/10/99
	Bldg. 173	**Extraction Date:**	5/12/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/19/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
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	82.70	0.0072	ND	NLE
beta-BHC	20	82.70	0.0072	ND	NLE
gamma-BHC	20	82.70	0.0096	ND	0.52
delta-BHC	20	82.70	0.0096	ND	NLE
Heptachlor	20	82.70	0.0072	ND	0.15
Aldrin	20	82.70	0.0096	ND	0.04
Heptachlor Epoxide	20	82.70	0.0143	ND	NLE
Endosulfan I	20	82.70	0.0119	ND	NLE
4,4'-DDE	20	82.70	0.0096	0.019	2
Dieldrin	20	82.70	0.0119	ND	0.042
Endrin	20	82.70	0.0119	ND	17
Endosulfan II	20	82.70	0.0096	ND	NLE
4,4'-DDD	20	82.70	0.0143	0.033	3
Endrin Aldehyde	20	82.70	0.0119	ND	NLE
4,4'-DDT	20	82.70	0.0263	0.028	2
Endosulfan-Sulfate	20	82.70	0.0096	ND	NLE
gamma -Chlordane	20	82.70	0.0119	ND	NLE
alpha-Chlordane	20	82.70	0.0119	ND	NLE
Toxaphene	20	82.70	0.0072	ND	0.1
Arochlor 1016	20	82.70	0.2676	ND	0.49
Arochlor 1221	20	82.70	0.4923	ND	0.49
Arochlor 1232	20	82.70	0.3346	ND	0.49
Arochlor 1242	20	82.70	0.3824	ND	0.49
Arochlor 1248	20	82.70	0.1529	ND	0.49
Arochlor 1254	20	82.70	0.0956	ND	0.49
Arochlor 1260	20	82.70	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

002034

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4472.26
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/10/99
	Bldg. 173	**Extraction Date:**	5/12/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/20/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
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	91.72	0.0065	ND	NLE
beta-BHC	20	91.72	0.0065	ND	NLE
gamma-BHC	20	91.72	0.0087	ND	0.52
delta-BHC	20	91.72	0.0087	ND	NLE
Heptachlor	20	91.72	0.0065	ND	0.15
Aldrin	20	91.72	0.0087	ND	0.04
Heptachlor Epoxide	20	91.72	0.0130	ND	NLE
Endosulfan I	20	91.72	0.0108	ND	NLE
4,4'-DDE	20	91.72	0.0087	0.010	2
Dieldrin	20	91.72	0.0108	ND	0.042
Endrin	20	91.72	0.0108	ND	17
Endosulfan II	20	91.72	0.0087	ND	NLE
4,4'-DDD	20	91.72	0.0130	ND	3
Endrin Aldehyde	20	91.72	0.0108	ND	NLE
4,4'-DDT	20	91.72	0.0238	ND	2
Endosulfan-Sulfate	20	91.72	0.0087	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	0.2425	ND	0.49
Arochlor 1221	20	91.72	0.4461	ND	0.49
Arochlor 1232	20	91.72	0.3032	ND	0.49
Arochlor 1242	20	91.72	0.3465	ND	0.49
Arochlor 1248	20	91.72	0.1386	ND	0.49
Arochlor 1254	20	91.72	0.0866	ND	0.49
Arochlor 1260	20	91.72	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

002035

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4472.28
	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-2
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	86.91	0.0068	ND	NLE
beta-BHC	20	86.91	0.0068	ND	NLE
gamma-BHC	20	86.91	0.0091	ND	0.52
delta-BHC	20	86.91	0.0091	ND	NLE
Heptachlor	20	86.91	0.0068	ND	0.15
Aldrin	20	86.91	0.0091	ND	0.04
Heptachlor Epoxide	20	86.91	0.0137	ND	NLE
Endosulfan I	20	86.91	0.0114	ND	NLE
4,4'-DDE	20	86.91	0.0091	0.061	2
Dieldrin	20	86.91	0.0114	ND	0.042
Endrin	20	86.91	0.0114	ND	17
Endosulfan II	20	86.91	0.0091	ND	NLE
4,4'-DDD	20	86.91	0.0137	0.101	3
Endrin Aldehyde	20	86.91	0.0114	ND	NLE
4,4'-DDT	20	86.91	0.0251	0.083	2
Endosulfan-Sulfate	20	86.91	0.0091	ND	NLE
gamma -Chlordane	20	86.91	0.0114	ND	NLE
alpha-Chlordane	20	86.91	0.0114	ND	NLE
Toxaphene	20	86.91	0.0068	ND	0.1
Arochlor 1016	20	86.91	0.2557	ND	0.49
Arochlor 1221	20	86.91	0.4703	ND	0.49
Arochlor 1232	20	86.91	0.3196	ND	0.49
Arochlor 1242	20	86.91	0.3653	ND	0.49
Arochlor 1248	20	86.91	0.1461	ND	0.49
Arochlor 1254	20	86.91	0.0913	ND	0.49
Arochlor 1260	20	86.91	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 # :**	4472.30
	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-2
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	94.70	0.0062	ND	NLE
beta-BHC	20	94.70	0.0062	ND	NLE
gamma-BHC	20	94.70	0.0083	ND	0.52
delta-BHC	20	94.70	0.0083	ND	NLE
Heptachlor	20	94.70	0.0062	ND	0.15
Aldrin	20	94.70	0.0083	ND	0.04
Heptachlor Epoxide	20	94.70	0.0125	ND	NLE
Endosulfan I	20	94.70	0.0104	ND	NLE
4,4'-DDE	20	94.70	0.0083	ND	2
Dieldrin	20	94.70	0.0104	ND	0.042
Endrin	20	94.70	0.0104	ND	17
Endosulfan II	20	94.70	0.0083	ND	NLE
4,4'-DDD	20	94.70	0.0125	ND	3
Endrin Aldehyde	20	94.70	0.0104	ND	NLE
4,4'-DDT	20	94.70	0.0229	ND	2
Endosulfan-Sulfate	20	94.70	0.0083	ND	NLE
gamma -Chlordane	20	94.70	0.0104	ND	NLE
alpha-Chlordane	20	94.70	0.0104	ND	NLE
Toxaphene	20	94.70	0.0062	ND	0.1
Arochlor 1016	20	94.70	0.2330	ND	0.49
Arochlor 1221	20	94.70	0.4286	ND	0.49
Arochlor 1232	20	94.70	0.2913	ND	0.49
Arochlor 1242	20	94.70	0.3329	ND	0.49
Arochlor 1248	20	94.70	0.1332	ND	0.49
Arochlor 1254	20	94.70	0.0832	ND	0.49
Arochlor 1260	20	94.70	0.0749	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

002037

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4475.02
	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 :**	M-2
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	142A

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	**20**	**89.52**	**0.0065**	**ND**	**NLE**
beta-BHC	**20**	**89.52**	**0.0065**	**ND**	**NLE**
gamma-BHC	**20**	**89.52**	**0.0087**	**ND**	**0.52**
delta-BHC	**20**	**89.52**	**0.0087**	**ND**	**NLE**
Heptachlor	**20**	**89.52**	**0.0065**	**ND**	**0.15**
Aldrin	**20**	**89.52**	**0.0087**	**ND**	**0.04**
Heptachlor Epoxide	**20**	**89.52**	**0.0130**	**ND**	**NLE**
Endosulfan I	**20**	**89.52**	**0.0109**	**ND**	**NLE**
4,4'-DDE	**40**	**89.52**	**0.0174**	**3.705**	**2**
Dieldrin	**20**	**89.52**	**0.0109**	**ND**	**0.042**
Endrin	**20**	**89.52**	**0.0109**	**ND**	**17**
Endosulfan II	**20**	**89.52**	**0.0087**	**ND**	**NLE**
4,4'-DDD	**20**	**89.52**	**0.0130**	**1.750**	**3**
Endrin Aldehyde	**20**	**89.52**	**0.0109**	**ND**	**NLE**
4,4'-DDT	**80**	**89.52**	**0.0956**	**6.811**	**2**
Endosulfan-Sulfate	**20**	**89.52**	**0.0087**	**ND**	**NLE**
gamma -Chlordane	**20**	**89.52**	**0.0109**	**ND**	**NLE**
alpha-Chlordane	**20**	**89.52**	**0.0109**	**ND**	**NLE**
Toxaphene	**20**	**89.52**	**0.0065**	**ND**	**0.1**
Arochlor 1016	**20**	**89.52**	**0.2434**	**ND**	**0.49**
Arochlor 1221	**20**	**89.52**	**0.4477**	**ND**	**0.49**
Arochlor 1232	**20**	**89.52**	**0.3043**	**ND**	**0.49**
Arochlor 1242	**20**	**89.52**	**0.3477**	**ND**	**0.49**
Arochlor 1248	**20**	**89.52**	**0.1391**	**ND**	**0.49**
Arochlor 1254	**20**	**89.52**	**0.0869**	**ND**	**0.49**
Arochlor 1260	**20**	**89.52**	**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

002038

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4475.04
	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 :**	M-2
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	86.84	0.0068	ND	NLE
beta-BHC	20	86.84	0.0068	ND	NLE
gamma-BHC	20	86.84	0.0091	ND	0.52
delta-BHC	20	86.84	0.0091	ND	NLE
Heptachlor	20	86.84	0.0068	ND	0.15
Aldrin	20	86.84	0.0091	ND	0.04
Heptachlor Epoxide	20	86.84	0.0137	ND	NLE
Endosulfan I	20	86.84	0.0114	ND	NLE
4,4'-DDE	20	86.84	0.0091	0.018	2
Dieldrin	20	86.84	0.0114	ND	0.042
Endrin	20	86.84	0.0114	ND	17
Endosulfan II	20	86.84	0.0091	ND	NLE
4,4'-DDD	20	86.84	0.0137	0.022	3
Endrin Aldehyde	20	86.84	0.0114	ND	NLE
4,4'-DDT	20	86.84	0.0251	ND	2
Endosulfan-Sulfate	20	86.84	0.0091	ND	NLE
gamma -Chlordane	20	86.84	0.0114	ND	NLE
alpha-Chlordane	20	86.84	0.0114	ND	NLE
Toxaphene	20	86.84	0.0068	ND	0.1
Arochlor 1016	20	86.84	0.2554	ND	0.49
Arochlor 1221	20	86.84	0.4697	ND	0.49
Arochlor 1232	20	86.84	0.3192	ND	0.49
Arochlor 1242	20	86.84	0.3648	ND	0.49
Arochlor 1248	20	86.84	0.1459	ND	0.49
Arochlor 1254	20	86.84	0.0912	ND	0.49
Arochlor 1260	20	86.84	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

002039

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4475.06
	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 :**	M-2
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	81.22	0.0073	ND	NLE
beta-BHC	20	81.22	0.0073	ND	NLE
gamma-BHC	20	81.22	0.0097	ND	0.52
delta-BHC	20	81.22	0.0097	ND	NLE
Heptachlor	20	81.22	0.0073	ND	0.15
Aldrin	20	81.22	0.0097	ND	0.04
Heptachlor Epoxide	20	81.22	0.0145	ND	NLE
Endosulfan I	20	81.22	0.0121	ND	NLE
4,4'-DDE	20	81.22	0.0097	0.044	2
Dieldrin	20	81.22	0.0121	ND	0.042
Endrin	20	81.22	0.0121	ND	17
Endosulfan II	20	81.22	0.0097	ND	NLE
4,4'-DDD	20	81.22	0.0145	0.058	3
Endrin Aldehyde	20	81.22	0.0121	ND	NLE
4,4'-DDT	20	81.22	0.0266	0.881	2
Endosulfan-Sulfate	20	81.22	0.0097	ND	NLE
gamma -Chlordane	20	81.22	0.0121	ND	NLE
alpha-Chlordane	20	81.22	0.0121	ND	NLE
Toxaphene	20	81.22	0.0073	ND	0.1
Arochlor 1016	5	81.22	0.0678	ND	0.49
Arochlor 1221	5	81.22	0.1247	ND	0.49
Arochlor 1232	5	81.22	0.0847	ND	0.49
Arochlor 1242	5	81.22	0.0969	ND	0.49
Arochlor 1248	5	81.22	0.0387	ND	0.49
Arochlor 1254	5	81.22	0.0242	ND	0.49
Arochlor 1260	5	81.22	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

002040

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4475.08
	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 :**	M-2
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	59.65	0.0099	ND	NLE
beta-BHC	20	59.65	0.0099	ND	NLE
gamma-BHC	20	59.65	0.0131	ND	0.52
delta-BHC	20	59.65	0.0131	ND	NLE
Heptachlor	20	59.65	0.0099	ND	0.15
Aldrin	20	59.65	0.0131	ND	0.04
Heptachlor Epoxide	20	59.65	0.0197	ND	NLE
Endosulfan I	20	59.65	0.0164	ND	NLE
4,4'-DDE	20	59.65	0.0131	0.060	2
Dieldrin	20	59.65	0.0164	ND	0.042
Endrin	20	59.65	0.0164	ND	17
Endosulfan II	20	59.65	0.0131	ND	NLE
4,4'-DDD	20	59.65	0.0197	0.055	3
Endrin Aldehyde	20	59.65	0.0164	ND	NLE
4,4'-DDT	20	59.65	0.0362	ND	2
Endosulfan-Sulfate	20	59.65	0.0131	ND	NLE
gamma -Chlordane	20	59.65	0.0164	ND	NLE
alpha-Chlordane	20	59.65	0.0164	ND	NLE
Toxaphene	20	59.65	0.0099	ND	0.1
Arochlor 1016	5	59.65	0.0920	ND	0.49
Arochlor 1221	5	59.65	0.1693	ND	0.49
Arochlor 1232	5	59.65	0.1151	ND	0.49
Arochlor 1242	5	59.65	0.1315	ND	0.49
Arochlor 1248	5	59.65	0.0526	ND	0.49
Arochlor 1254	5	59.65	0.0329	ND	0.49
Arochlor 1260	5	59.65	0.0296	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 # :**	4475.10
	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 :**	M-2
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	146

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	85.56	0.0068	ND	NLE
beta-BHC	20	85.56	0.0068	ND	NLE
gamma-BHC	20	85.56	0.0091	ND	0.52
delta-BHC	20	85.56	0.0091	ND	NLE
Heptachlor	20	85.56	0.0068	ND	0.15
Aldrin	20	85.56	0.0091	ND	0.04
Heptachlor Epoxide	20	85.56	0.0137	ND	NLE
Endosulfan I	20	85.56	0.0114	ND	NLE
4,4'-DDE	20	85.56	0.0091	0.052	2
Dieldrin	20	85.56	0.0114	ND	0.042
Endrin	20	85.56	0.0114	ND	17
Endosulfan II	20	85.56	0.0091	ND	NLE
4,4'-DDD	20	85.56	0.0137	0.041	3
Endrin Aldehyde	20	85.56	0.0114	ND	NLE
4,4'-DDT	20	85.56	0.0251	ND	2
Endosulfan-Sulfate	20	85.56	0.0091	ND	NLE
gamma -Chlordane	20	85.56	0.0114	0.019	NLE
alpha-Chlordane	20	85.56	0.0114	0.028	NLE
Toxaphene	20	85.56	0.0068	ND	0.1
Arochlor 1016	20	85.56	0.2554	ND	0.49
Arochlor 1221	20	85.56	0.4698	ND	0.49
Arochlor 1232	20	85.56	0.3193	ND	0.49
Arochlor 1242	20	85.56	0.3649	ND	0.49
Arochlor 1248	20	85.56	0.1460	ND	0.49
Arochlor 1254	20	85.56	0.0912	ND	0.49
Arochlor 1260	20	85.56	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

002042

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4475.12
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/11/99
	Bldg. 173	**Extraction Date:**	5/18/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/24/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
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	89.49	0.0066	ND	NLE
beta-BHC	20	89.49	0.0066	ND	NLE
gamma-BHC	20	89.49	0.0088	ND	0.52
delta-BHC	20	89.49	0.0088	ND	NLE
Heptachlor	20	89.49	0.0066	ND	0.15
Aldrin	20	89.49	0.0088	ND	0.04
Heptachlor Epoxide	20	89.49	0.0132	ND	NLE
Endosulfan I	20	89.49	0.0110	ND	NLE
4,4'-DDE	20	89.49	0.0088	0.018	2
Dieldrin	20	89.49	0.0110	ND	0.042
Endrin	20	89.49	0.0110	ND	17
Endosulfan II	20	89.49	0.0088	ND	NLE
4,4'-DDD	20	89.49	0.0132	0.021	3
Endrin Aldehyde	20	89.49	0.0110	ND	NLE
4,4'-DDT	20	89.49	0.0241	0.264	2
Endosulfan-Sulfate	20	89.49	0.0088	ND	NLE
gamma -Chlordane	20	89.49	0.0110	ND	NLE
alpha-Chlordane	20	89.49	0.0110	ND	NLE
Toxaphene	20	89.49	0.0066	ND	0.1
Arochlor 1016	20	89.49	0.2459	ND	0.49
Arochlor 1221	20	89.49	0.4522	ND	0.49
Arochlor 1232	20	89.49	0.3074	ND	0.49
Arochlor 1242	20	89.49	0.3513	ND	0.49
Arochlor 1248	20	89.49	0.1405	ND	0.49
Arochlor 1254	20	89.49	0.0878	ND	0.49
Arochlor 1260	20	89.49	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

002043

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4475.14
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/11/99
	Bldg. 173	**Extraction Date:**	5/18/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/24/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
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	94.65	0.0062	ND	NLE
beta-BHC	20	94.65	0.0062	ND	NLE
gamma-BHC	20	94.65	0.0083	ND	0.52
delta-BHC	20	94.65	0.0083	ND	NLE
Heptachlor	20	94.65	0.0062	ND	0.15
Aldrin	20	94.65	0.0083	ND	0.04
Heptachlor Epoxide	20	94.65	0.0124	ND	NLE
Endosulfan I	20	94.65	0.0103	ND	NLE
4,4'-DDE	20	94.65	0.0083	ND	2
Dieldrin	20	94.65	0.0103	ND	0.042
Endrin	20	94.65	0.0103	ND	17
Endosulfan II	20	94.65	0.0083	ND	NLE
4,4'-DDD	20	94.65	0.0124	ND	3
Endrin Aldehyde	20	94.65	0.0103	ND	NLE
4,4'-DDT	20	94.65	0.0228	ND	2
Endosulfan-Sulfate	20	94.65	0.0083	ND	NLE
gamma -Chlordane	20	94.65	0.0103	ND	NLE
alpha-Chlordane	20	94.65	0.0103	ND	NLE
Toxaphene	20	94.65	0.0062	ND	0.1
Arochlor 1016	20	94.65	0.2318	ND	0.49
Arochlor 1221	20	94.65	0.4263	ND	0.49
Arochlor 1232	20	94.65	0.2897	ND	0.49
Arochlor 1242	20	94.65	0.3311	ND	0.49
Arochlor 1248	20	94.65	0.1325	ND	0.49
Arochlor 1254	20	94.65	0.0828	ND	0.49
Arochlor 1260	20	94.65	0.0745	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

002044

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4475.16
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/11/99
	Bldg. 173	**Extraction Date:**	5/18/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/24/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
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	93.98	0.0063	ND	NLE
beta-BHC	20	93.98	0.0063	ND	NLE
gamma-BHC	20	93.98	0.0083	ND	0.52
delta-BHC	20	93.98	0.0083	ND	NLE
Heptachlor	20	93.98	0.0063	ND	0.15
Aldrin	20	93.98	0.0083	ND	0.04
Heptachlor Epoxide	20	93.98	0.0125	ND	NLE
Endosulfan I	20	93.98	0.0104	ND	NLE
4,4'-DDE	20	93.98	0.0083	ND	2
Dieldrin	20	93.98	0.0104	ND	0.042
Endrin	20	93.98	0.0104	ND	17
Endosulfan II	20	93.98	0.0083	ND	NLE
4,4'-DDD	20	93.98	0.0125	ND	3
Endrin Aldehyde	20	93.98	0.0104	ND	NLE
4,4'-DDT	20	93.98	0.0229	ND	2
Endosulfan-Sulfate	20	93.98	0.0083	ND	NLE
gamma -Chlordane	20	93.98	0.0104	ND	NLE
alpha-Chlordane	20	93.98	0.0104	ND	NLE
Toxaphene	20	93.98	0.0063	ND	0.1
Arochlor 1016	20	93.98	0.2334	ND	0.49
Arochlor 1221	20	93.98	0.4294	ND	0.49
Arochlor 1232	20	93.98	0.2918	ND	0.49
Arochlor 1242	20	93.98	0.3335	ND	0.49
Arochlor 1248	20	93.98	0.1334	ND	0.49
Arochlor 1254	20	93.98	0.0834	ND	0.49
Arochlor 1260	20	93.98	0.0750	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 # :**	4475.18
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/11/99
	Bldg. 173	**Extraction Date:**	5/18/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/24/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
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	88.30	0.0067	ND	NLE
beta-BHC	20	88.30	0.0067	ND	NLE
gamma-BHC	20	88.30	0.0089	ND	0.52
delta-BHC	20	88.30	0.0089	ND	NLE
Heptachlor	20	88.30	0.0067	ND	0.15
Aldrin	20	88.30	0.0089	ND	0.04
Heptachlor Epoxide	20	88.30	0.0133	ND	NLE
Endosulfan I	20	88.30	0.0111	ND	NLE
4,4'-DDE	20	88.30	0.0089	0.074	2
Dieldrin	20	88.30	0.0111	ND	0.042
Endrin	20	88.30	0.0111	ND	17
Endosulfan II	20	88.30	0.0089	ND	NLE
4,4'-DDD	20	88.30	0.0133	0.135	3
Endrin Aldehyde	20	88.30	0.0111	ND	NLE
4,4'-DDT	20	88.30	0.0245	0.141	2
Endosulfan-Sulfate	20	88.30	0.0089	ND	NLE
gamma -Chlordane	20	88.30	0.0111	ND	NLE
alpha-Chlordane	20	88.30	0.0111	ND	NLE
Toxaphene	20	88.30	0.0067	ND	0.1
Arochlor 1016	20	88.30	0.2490	ND	0.49
Arochlor 1221	20	88.30	0.4579	ND	0.49
Arochlor 1232	20	88.30	0.3112	ND	0.49
Arochlor 1242	20	88.30	0.3556	ND	0.49
Arochlor 1248	20	88.30	0.1423	ND	0.49
Arochlor 1254	20	88.30	0.0889	ND	0.49
Arochlor 1260	20	88.30	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

002046

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4475.20
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/11/99
	Bldg. 173	**Extraction Date:**	5/18/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/24/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
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	83.37	0.0070	ND	NLE
beta-BHC	20	83.37	0.0070	ND	NLE
gamma-BHC	20	83.37	0.0094	ND	0.52
delta-BHC	20	83.37	0.0094	ND	NLE
Heptachlor	20	83.37	0.0070	ND	0.15
Aldrin	20	83.37	0.0094	ND	0.04
Heptachlor Epoxide	20	83.37	0.0141	ND	NLE
Endosulfan I	20	83.37	0.0117	ND	NLE
4,4'-DDE	20	83.37	0.0094	0.039	2
Dieldrin	20	83.37	0.0117	ND	0.042
Endrin	20	83.37	0.0117	ND	17
Endosulfan II	20	83.37	0.0094	ND	NLE
4,4'-DDD	20	83.37	0.0141	0.045	3
Endrin Aldehyde	20	83.37	0.0117	ND	NLE
4,4'-DDT	20	83.37	0.0258	0.033	2
Endosulfan-Sulfate	20	83.37	0.0094	ND	NLE
gamma -Chlordane	20	83.37	0.0117	0.016	NLE
alpha-Chlordane	20	83.37	0.0117	0.013	NLE
Toxaphene	20	83.37	0.0070	ND	0.1
Arochlor 1016	20	83.37	0.2626	ND	0.49
Arochlor 1221	20	83.37	0.4831	ND	0.49
Arochlor 1232	20	83.37	0.3283	ND	0.49
Arochlor 1242	20	83.37	0.3752	ND	0.49
Arochlor 1248	20	83.37	0.1501	ND	0.49
Arochlor 1254	20	83.37	0.0938	ND	0.49
Arochlor 1260	20	83.37	0.0844	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 # :**	4475.22
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/11/99
	Bldg. 173	**Extraction Date:**	5/18/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/24/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
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	85.24	0.0070	ND	NLE
beta-BHC	20	85.24	0.0070	ND	NLE
gamma-BHC	20	85.24	0.0094	ND	0.52
delta-BHC	20	85.24	0.0094	ND	NLE
Heptachlor	20	85.24	0.0070	ND	0.15
Aldrin	20	85.24	0.0094	ND	0.04
Heptachlor Epoxide	20	85.24	0.0140	ND	NLE
Endosulfan I	20	85.24	0.0117	ND	NLE
4,4'-DDE	20	85.24	0.0094	0.049	2
Dieldrin	20	85.24	0.0117	ND	0.042
Endrin	20	85.24	0.0117	ND	17
Endosulfan II	20	85.24	0.0094	ND	NLE
4,4'-DDD	20	85.24	0.0140	0.087	3
Endrin Aldehyde	20	85.24	0.0117	ND	NLE
4,4'-DDT	20	85.24	0.0258	0.029	2
Endosulfan-Sulfate	20	85.24	0.0094	ND	NLE
gamma -Chlordane	20	85.24	0.0117	0.025	NLE
alpha-Chlordane	20	85.24	0.0117	0.018	NLE
Toxaphene	20	85.24	0.0070	ND	0.1
Arochlor 1016	20	85.24	0.2623	ND	0.49
Arochlor 1221	20	85.24	0.4824	ND	0.49
Arochlor 1232	20	85.24	0.3278	ND	0.49
Arochlor 1242	20	85.24	0.3747	ND	0.49
Arochlor 1248	20	85.24	0.1499	ND	0.49
Arochlor 1254	20	85.24	0.0937	ND	0.49
Arochlor 1260	20	85.24	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

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4475.24
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/11/99
	Bldg. 173	**Extraction Date:**	5/18/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/24/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
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	74.27	0.0079	ND	NLE
beta-BHC	20	74.27	0.0079	ND	NLE
gamma-BHC	20	74.27	0.0106	ND	0.52
delta-BHC	20	74.27	0.0106	ND	NLE
Heptachlor	20	74.27	0.0079	ND	0.15
Aldrin	20	74.27	0.0106	ND	0.04
Heptachlor Epoxide	20	74.27	0.0159	ND	NLE
Endosulfan I	20	74.27	0.0132	ND	NLE
4,4'-DDE	20	74.27	0.0106	0.112	2
Dieldrin	20	74.27	0.0132	ND	0.042
Endrin	20	74.27	0.0132	ND	17
Endosulfan II	20	74.27	0.0106	ND	NLE
4,4'-DDD	20	74.27	0.0159	0.153	3
Endrin Aldehyde	20	74.27	0.0132	ND	NLE
4,4'-DDT	20	74.27	0.0291	0.044	2
Endosulfan-Sulfate	20	74.27	0.0106	ND	NLE
gamma -Chlordane	20	74.27	0.0132	0.027	NLE
alpha-Chlordane	20	74.27	0.0132	0.017	NLE
Toxaphene	20	74.27	0.0079	ND	0.1
Arochlor 1016	5	74.27	0.0741	ND	0.49
Arochlor 1221	5	74.27	0.1364	ND	0.49
Arochlor 1232	5	74.27	0.0927	ND	0.49
Arochlor 1242	5	74.27	0.1059	ND	0.49
Arochlor 1248	5	74.27	0.0424	ND	0.49
Arochlor 1254	5	74.27	0.0265	ND	0.49
Arochlor 1260	5	74.27	0.0238	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 # :**	4475.26
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/11/99
	Bldg. 173	**Extraction Date:**	5/18/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/25/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
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	88.19	0.0067	ND	NLE
beta-BHC	20	88.19	0.0067	ND	NLE
gamma-BHC	20	88.19	0.0089	ND	0.52
delta-BHC	20	88.19	0.0089	ND	NLE
Heptachlor	20	88.19	0.0067	ND	0.15
Aldrin	20	88.19	0.0089	ND	0.04
Heptachlor Epoxide	20	88.19	0.0134	ND	NLE
Endosulfan I	20	88.19	0.0111	ND	NLE
4,4'-DDE	20	88.19	0.0089	0.047	2
Dieldrin	20	88.19	0.0111	ND	0.042
Endrin	20	88.19	0.0111	ND	17
Endosulfan II	20	88.19	0.0089	ND	NLE
4,4'-DDD	20	88.19	0.0134	0.130	3
Endrin Aldehyde	20	88.19	0.0111	ND	NLE
4,4'-DDT	20	88.19	0.0245	0.033	2
Endosulfan-Sulfate	20	88.19	0.0089	ND	NLE
gamma -Chlordane	20	88.19	0.0111	0.017	NLE
alpha-Chlordane	20	88.19	0.0111	0.016	NLE
Toxaphene	20	88.19	0.0067	ND	0.1
Arochlor 1016	20	88.19	0.2493	ND	0.49
Arochlor 1221	20	88.19	0.4585	ND	0.49
Arochlor 1232	20	88.19	0.3116	ND	0.49
Arochlor 1242	20	88.19	0.3561	ND	0.49
Arochlor 1248	20	88.19	0.1424	ND	0.49
Arochlor 1254	20	88.19	0.0890	ND	0.49
Arochlor 1260	20	88.19	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

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4475.28
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/11/99
	Bldg. 173	**Extraction Date:**	5/18/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/25/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
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	92.40	0.0064	ND	NLE
beta-BHC	20	92.40	0.0064	ND	NLE
gamma-BHC	20	92.40	0.0086	ND	0.52
delta-BHC	20	92.40	0.0086	ND	NLE
Heptachlor	20	92.40	0.0064	ND	0.15
Aldrin	20	92.40	0.0086	ND	0.04
Heptachlor Epoxide	20	92.40	0.0129	ND	NLE
Endosulfan I	20	92.40	0.0107	ND	NLE
4,4'-DDE	20	92.40	0.0086	ND	2
Dieldrin	20	92.40	0.0107	ND	0.042
Endrin	20	92.40	0.0107	ND	17
Endosulfan II	20	92.40	0.0086	ND	NLE
4,4'-DDD	20	92.40	0.0129	0.076	3
Endrin Aldehyde	20	92.40	0.0107	ND	NLE
4,4'-DDT	20	92.40	0.0236	ND	2
Endosulfan-Sulfate	20	92.40	0.0086	ND	NLE
gamma -Chlordane	20	92.40	0.0107	ND	NLE
alpha-Chlordane	20	92.40	0.0107	ND	NLE
Toxaphene	20	92.40	0.0064	ND	0.1
Arochlor 1016	1	92.40	0.0120	ND	0.49
Arochlor 1221	1	92.40	0.0221	ND	0.49
Arochlor 1232	1	92.40	0.0150	ND	0.49
Arochlor 1242	1	92.40	0.0172	ND	0.49
Arochlor 1248	1	92.40	0.0069	ND	0.49
Arochlor 1254	1	92.40	0.0043	1.672	0.49
Arochlor 1260	1	92.40	0.0039	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

002051

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4475.30
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/11/99
	Bldg. 173	**Extraction Date:**	5/19/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/25/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
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	86.22	0.0069	ND	NLE
beta-BHC	20	86.22	0.0069	ND	NLE
gamma-BHC	20	86.22	0.0092	ND	0.52
delta-BHC	20	86.22	0.0092	ND	NLE
Heptachlor	20	86.22	0.0069	ND	0.15
Aldrin	20	86.22	0.0092	ND	0.04
Heptachlor Epoxide	20	86.22	0.0138	ND	NLE
Endosulfan I	20	86.22	0.0115	ND	NLE
4,4'-DDE	20	86.22	0.0092	0.336	2
Dieldrin	20	86.22	0.0115	0.068	0.042
Endrin	20	86.22	0.0115	ND	17
Endosulfan II	20	86.22	0.0092	ND	NLE
4,4'-DDD	20	86.22	0.0138	1.163	3
Endrin Aldehyde	20	86.22	0.0115	ND	NLE
4,4'-DDT	20	86.22	0.0253	1.163	2
Endosulfan-Sulfate	20	86.22	0.0092	ND	NLE
gamma -Chlordane	20	86.22	0.0115	ND	NLE
alpha-Chlordane	20	86.22	0.0115	ND	NLE
Toxaphene	20	86.22	0.0069	ND	0.1
Arochlor 1016	20	86.22	0.2580	ND	0.49
Arochlor 1221	20	86.22	0.4745	ND	0.49
Arochlor 1232	20	86.22	0.3225	ND	0.49
Arochlor 1242	20	86.22	0.3686	ND	0.49
Arochlor 1248	20	86.22	0.1474	ND	0.49
Arochlor 1254	20	86.22	0.0921	ND	0.49
Arochlor 1260	20	86.22	0.0829	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

002052

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4475.32
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/11/99
	Bldg. 173	**Extraction Date:**	5/19/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/25/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
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	88.83	0.0066	ND	NLE
beta-BHC	20	88.83	0.0066	ND	NLE
gamma-BHC	20	88.83	0.0088	ND	0.52
delta-BHC	20	88.83	0.0088	ND	NLE
Heptachlor	20	88.83	0.0066	ND	0.15
Aldrin	20	88.83	0.0088	ND	0.04
Heptachlor Epoxide	20	88.83	0.0132	ND	NLE
Endosulfan I	20	88.83	0.0110	ND	NLE
4,4'-DDE	20	88.83	0.0088	0.257	2
Dieldrin	20	88.83	0.0110	ND	0.042
Endrin	20	88.83	0.0110	ND	17
Endosulfan II	20	88.83	0.0088	ND	NLE
4,4'-DDD	20	88.83	0.0132	0.675	3
Endrin Aldehyde	20	88.83	0.0110	ND	NLE
4,4'-DDT	20	88.83	0.0242	0.741	2
Endosulfan-Sulfate	20	88.83	0.0088	ND	NLE
gamma -Chlordane	20	88.83	0.0110	ND	NLE
alpha-Chlordane	20	88.83	0.0110	ND	NLE
Toxaphene	20	88.83	0.0066	ND	0.1
Arochlor 1016	20	88.83	0.2465	ND	0.49
Arochlor 1221	20	88.83	0.4534	ND	0.49
Arochlor 1232	20	88.83	0.3081	ND	0.49
Arochlor 1242	20	88.83	0.3521	ND	0.49
Arochlor 1248	20	88.83	0.1409	ND	0.49
Arochlor 1254	20	88.83	0.0880	ND	0.49
Arochlor 1260	20	88.83	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

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4485.02
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/14/99
	Bldg. 173	**Extraction Date:**	5/19/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/27/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	158

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	71.70	0.0082	ND	NLE
beta-BHC	20	71.70	0.0082	ND	NLE
gamma-BHC	20	71.70	0.0109	ND	0.52
delta-BHC	20	71.70	0.0109	ND	NLE
Heptachlor	20	71.70	0.0082	ND	0.15
Aldrin	20	71.70	0.0109	ND	0.04
Heptachlor Epoxide	20	71.70	0.0163	ND	NLE
Endosulfan I	20	71.70	0.0136	ND	NLE
4,4'-DDE	20	71.70	0.0109	0.086	2
Dieldrin	20	71.70	0.0136	ND	0.042
Endrin	20	71.70	0.0136	ND	17
Endosulfan II	20	71.70	0.0109	ND	NLE
4,4'-DDD	20	71.70	0.0163	0.027	3
Endrin Aldehyde	20	71.70	0.0136	ND	NLE
4,4'-DDT	20	71.70	0.0300	0.085	2
Endosulfan-Sulfate	20	71.70	0.0109	ND	NLE
gamma -Chlordane	20	71.70	0.0136	0.015	NLE
alpha-Chlordane	20	71.70	0.0136	0.017	NLE
Toxaphene	20	71.70	0.0082	ND	0.1
Arochlor 1016	5	71.70	0.0763	ND	0.49
Arochlor 1221	5	71.70	0.1403	ND	0.49
Arochlor 1232	5	71.70	0.0953	ND	0.49
Arochlor 1242	5	71.70	0.1090	ND	0.49
Arochlor 1248	5	71.70	0.0436	ND	0.49
Arochlor 1254	5	71.70	0.0272	ND	0.49
Arochlor 1260	5	71.70	0.0245	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

002054

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4485.04
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/14/99
	Bldg. 173	**Extraction Date:**	5/19/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/27/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	159

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	76.75	0.0076	ND	NLE
beta-BHC	20	76.75	0.0076	ND	NLE
gamma-BHC	20	76.75	0.0102	ND	0.52
delta-BHC	20	76.75	0.0102	ND	NLE
Heptachlor	20	76.75	0.0076	ND	0.15
Aldrin	20	76.75	0.0102	ND	0.04
Heptachlor Epoxide	20	76.75	0.0153	ND	NLE
Endosulfan I	20	76.75	0.0127	ND	NLE
4,4'-DDE	20	76.75	0.0102	0.051	2
Dieldrin	20	76.75	0.0127	ND	0.042
Endrin	20	76.75	0.0127	ND	17
Endosulfan II	20	76.75	0.0102	ND	NLE
4,4'-DDD	20	76.75	0.0153	0.029	3
Endrin Aldehyde	20	76.75	0.0127	ND	NLE
4,4'-DDT	20	76.75	0.0280	ND	2
Endosulfan-Sulfate	20	76.75	0.0102	ND	NLE
gamma -Chlordane	20	76.75	0.0127	0.013	NLE
alpha-Chlordane	20	76.75	0.0127	0.015	NLE
Toxaphene	20	76.75	0.0076	ND	0.1
Arochlor 1016	5	76.75	0.0713	ND	0.49
Arochlor 1221	5	76.75	0.1312	ND	0.49
Arochlor 1232	5	76.75	0.0892	ND	0.49
Arochlor 1242	5	76.75	0.1019	ND	0.49
Arochlor 1248	5	76.75	0.0408	ND	0.49
Arochlor 1254	5	76.75	0.0255	ND	0.49
Arochlor 1260	5	76.75	0.0229	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 # :**	4485.06
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/14/99
	Bldg. 173	**Extraction Date:**	5/19/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/28/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	160

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	**20**	**89.00**	**0.0066**	**ND**	**NLE**
beta-BHC	**20**	**89.00**	**0.0066**	**ND**	**NLE**
gamma-BHC	**20**	**89.00**	**0.0089**	**ND**	**0.52**
delta-BHC	**20**	**89.00**	**0.0089**	**ND**	**NLE**
Heptachlor	**20**	**89.00**	**0.0066**	**ND**	**0.15**
Aldrin	**20**	**89.00**	**0.0089**	**ND**	**0.04**
Heptachlor Epoxide	**20**	**89.00**	**0.0133**	**ND**	**NLE**
Endosulfan I	**20**	**89.00**	**0.0111**	**ND**	**NLE**
4,4'-DDE	**20**	**89.00**	**0.0089**	**0.023**	**2**
Dieldrin	**20**	**89.00**	**0.0111**	**ND**	**0.042**
Endrin	**20**	**89.00**	**0.0111**	**ND**	**17**
Endosulfan II	**20**	**89.00**	**0.0089**	**ND**	**NLE**
4,4'-DDD	**20**	**89.00**	**0.0133**	**0.028**	**3**
Endrin Aldehyde	**20**	**89.00**	**0.0111**	**ND**	**NLE**
4,4'-DDT	**20**	**89.00**	**0.0244**	**ND**	**2**
Endosulfan-Sulfate	**20**	**89.00**	**0.0089**	**ND**	**NLE**
gamma -Chlordane	**20**	**89.00**	**0.0111**	**0.015**	**NLE**
alpha-Chlordane	**20**	**89.00**	**0.0111**	**0.011**	**NLE**
Toxaphene	**20**	**89.00**	**0.0066**	**ND**	**0.1**
Arochlor 1016	**20**	**89.00**	**0.2480**	**ND**	**0.49**
Arochlor 1221	**20**	**89.00**	**0.4561**	**ND**	**0.49**
Arochlor 1232	**20**	**89.00**	**0.3100**	**ND**	**0.49**
Arochlor 1242	**20**	**89.00**	**0.3542**	**ND**	**0.49**
Arochlor 1248	**20**	**89.00**	**0.1417**	**ND**	**0.49**
Arochlor 1254	**20**	**89.00**	**0.0886**	**ND**	**0.49**
Arochlor 1260	**20**	**89.00**	**0.0797**	**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 # :**	4485.08
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/14/99
	Bldg. 173	**Extraction Date:**	5/19/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/28/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	161

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	**20**	**90.11**	**0.0066**	**ND**	**NLE**
beta-BHC	**20**	**90.11**	**0.0066**	**ND**	**NLE**
gamma-BHC	**20**	**90.11**	**0.0088**	**ND**	**0.52**
delta-BHC	**20**	**90.11**	**0.0088**	**ND**	**NLE**
Heptachlor	**20**	**90.11**	**0.0066**	**ND**	**0.15**
Aldrin	**20**	**90.11**	**0.0088**	**ND**	**0.04**
Heptachlor Epoxide	**20**	**90.11**	**0.0132**	**ND**	**NLE**
Endosulfan I	**20**	**90.11**	**0.0110**	**ND**	**NLE**
4,4'-DDE	**20**	**90.11**	**0.0088**	**0.032**	**2**
Dieldrin	**20**	**90.11**	**0.0110**	**ND**	**0.042**
Endrin	**20**	**90.11**	**0.0110**	**ND**	**17**
Endosulfan II	**20**	**90.11**	**0.0088**	**ND**	**NLE**
4,4'-DDD	**20**	**90.11**	**0.0132**	**0.047**	**3**
Endrin Aldehyde	**20**	**90.11**	**0.0110**	**ND**	**NLE**
4,4'-DDT	**20**	**90.11**	**0.0242**	**ND**	**2**
Endosulfan-Sulfate	**20**	**90.11**	**0.0088**	**ND**	**NLE**
gamma -Chlordane	**20**	**90.11**	**0.0110**	**0.015**	**NLE**
alpha-Chlordane	**20**	**90.11**	**0.0110**	**0.013**	**NLE**
Toxaphene	**20**	**90.11**	**0.0066**	**ND**	**0.1**
Arochlor 1016	**20**	**90.11**	**0.2469**	**ND**	**0.49**
Arochlor 1221	**20**	**90.11**	**0.4540**	**ND**	**0.49**
Arochlor 1232	**20**	**90.11**	**0.3086**	**ND**	**0.49**
Arochlor 1242	**20**	**90.11**	**0.3527**	**ND**	**0.49**
Arochlor 1248	**20**	**90.11**	**0.1411**	**ND**	**0.49**
Arochlor 1254	**20**	**90.11**	**0.0882**	**ND**	**0.49**
Arochlor 1260	**20**	**90.11**	**0.0793**	**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 # :**	4485.10
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/14/99
	Bldg. 173	**Extraction Date:**	5/19/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/28/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	162

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	**20**	**90.29**	**0.0065**	**ND**	**NLE**
beta-BHC	**20**	**90.29**	**0.0065**	**ND**	**NLE**
gamma-BHC	**20**	**90.29**	**0.0087**	**ND**	**0.52**
delta-BHC	**20**	**90.29**	**0.0087**	**ND**	**NLE**
Heptachlor	**20**	**90.29**	**0.0065**	**ND**	**0.15**
Aldrin	**20**	**90.29**	**0.0087**	**ND**	**0.04**
Heptachlor Epoxide	**20**	**90.29**	**0.0130**	**ND**	**NLE**
Endosulfan I	**20**	**90.29**	**0.0108**	**ND**	**NLE**
4,4'-DDE	**20**	**90.29**	**0.0087**	**ND**	**2**
Dieldrin	**20**	**90.29**	**0.0108**	**ND**	**0.042**
Endrin	**20**	**90.29**	**0.0108**	**ND**	**17**
Endosulfan II	**20**	**90.29**	**0.0087**	**ND**	**NLE**
4,4'-DDD	**20**	**90.29**	**0.0130**	**0.043**	**3**
Endrin Aldehyde	**20**	**90.29**	**0.0108**	**ND**	**NLE**
4,4'-DDT	**20**	**90.29**	**0.0238**	**ND**	**2**
Endosulfan-Sulfate	**20**	**90.29**	**0.0087**	**ND**	**NLE**
gamma -Chlordane	**20**	**90.29**	**0.0108**	**ND**	**NLE**
alpha-Chlordane	**20**	**90.29**	**0.0108**	**ND**	**NLE**
Toxaphene	**20**	**90.29**	**0.0065**	**ND**	**0.1**
Arochlor 1016	**1**	**90.29**	**0.0121**	**ND**	**0.49**
Arochlor 1221	**1**	**90.29**	**0.0223**	**ND**	**0.49**
Arochlor 1232	**1**	**90.29**	**0.0152**	**ND**	**0.49**
Arochlor 1242	**1**	**90.29**	**0.0173**	**ND**	**0.49**
Arochlor 1248	**1**	**90.29**	**0.0069**	**ND**	**0.49**
Arochlor 1254	**1**	**90.29**	**0.0043**	**1.929**	**0.49**
Arochlor 1260	**1**	**90.29**	**0.0039**	**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 # :**	4485.12
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/14/99
	Bldg. 173	**Extraction Date:**	5/19/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/28/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	163

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	**20**	**90.89**	**0.0064**	**ND**	**NLE**
beta-BHC	**20**	**90.89**	**0.0064**	**ND**	**NLE**
gamma-BHC	**20**	**90.89**	**0.0086**	**ND**	**0.52**
delta-BHC	**20**	**90.89**	**0.0086**	**ND**	**NLE**
Heptachlor	**20**	**90.89**	**0.0064**	**ND**	**0.15**
Aldrin	**20**	**90.89**	**0.0086**	**ND**	**0.04**
Heptachlor Epoxide	**20**	**90.89**	**0.0128**	**ND**	**NLE**
Endosulfan I	**20**	**90.89**	**0.0107**	**ND**	**NLE**
4,4'-DDE	**20**	**90.89**	**0.0086**	**ND**	**2**
Dieldrin	**20**	**90.89**	**0.0107**	**ND**	**0.042**
Endrin	**20**	**90.89**	**0.0107**	**ND**	**17**
Endosulfan II	**20**	**90.89**	**0.0086**	**ND**	**NLE**
4,4'-DDD	**20**	**90.89**	**0.0128**	**0.015**	**3**
Endrin Aldehyde	**20**	**90.89**	**0.0107**	**ND**	**NLE**
4,4'-DDT	**20**	**90.89**	**0.0235**	**ND**	**2**
Endosulfan-Sulfate	**20**	**90.89**	**0.0086**	**ND**	**NLE**
gamma -Chlordane	**20**	**90.89**	**0.0107**	**ND**	**NLE**
alpha-Chlordane	**20**	**90.89**	**0.0107**	**ND**	**NLE**
Toxaphene	**20**	**90.89**	**0.0064**	**ND**	**0.1**
Arochlor 1016	**20**	**90.89**	**0.2397**	**ND**	**0.49**
Arochlor 1221	**20**	**90.89**	**0.4409**	**ND**	**0.49**
Arochlor 1232	**20**	**90.89**	**0.2997**	**ND**	**0.49**
Arochlor 1242	**20**	**90.89**	**0.3425**	**ND**	**0.49**
Arochlor 1248	**20**	**90.89**	**0.1370**	**ND**	**0.49**
Arochlor 1254	**20**	**90.89**	**0.0856**	**ND**	**0.49**
Arochlor 1260	**20**	**90.89**	**0.0771**	**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 # :**	4485.14
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/14/99
	Bldg. 173	**Extraction Date:**	5/19/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/28/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	164

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	**20**	**89.41**	**0.0067**	**ND**	**NLE**
beta-BHC	**20**	**89.41**	**0.0067**	**ND**	**NLE**
gamma-BHC	**20**	**89.41**	**0.0089**	**ND**	**0.52**
delta-BHC	**20**	**89.41**	**0.0089**	**ND**	**NLE**
Heptachlor	**20**	**89.41**	**0.0067**	**ND**	**0.15**
Aldrin	**20**	**89.41**	**0.0089**	**ND**	**0.04**
Heptachlor Epoxide	**20**	**89.41**	**0.0133**	**ND**	**NLE**
Endosulfan I	**20**	**89.41**	**0.0111**	**ND**	**NLE**
4,4'-DDE	**20**	**89.41**	**0.0089**	**0.042**	**2**
Dieldrin	**20**	**89.41**	**0.0111**	**ND**	**0.042**
Endrin	**20**	**89.41**	**0.0111**	**ND**	**17**
Endosulfan II	**20**	**89.41**	**0.0089**	**ND**	**NLE**
4,4'-DDD	**20**	**89.41**	**0.0133**	**0.048**	**3**
Endrin Aldehyde	**20**	**89.41**	**0.0111**	**ND**	**NLE**
4,4'-DDT	**20**	**89.41**	**0.0244**	**0.037**	**2**
Endosulfan-Sulfate	**20**	**89.41**	**0.0089**	**ND**	**NLE**
gamma -Chlordane	**20**	**89.41**	**0.0111**	**ND**	**NLE**
alpha-Chlordane	**20**	**89.41**	**0.0111**	**ND**	**NLE**
Toxaphene	**20**	**89.41**	**0.0067**	**ND**	**0.1**
Arochlor 1016	**20**	**89.41**	**0.2483**	**ND**	**0.49**
Arochlor 1221	**20**	**89.41**	**0.4567**	**ND**	**0.49**
Arochlor 1232	**20**	**89.41**	**0.3104**	**ND**	**0.49**
Arochlor 1242	**20**	**89.41**	**0.3547**	**ND**	**0.49**
Arochlor 1248	**20**	**89.41**	**0.1419**	**ND**	**0.49**
Arochlor 1254	**20**	**89.41**	**0.0887**	**ND**	**0.49**
Arochlor 1260	**20**	**89.41**	**0.0798**	**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 # :**	4485.16
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/14/99
	Bldg. 173	**Extraction Date:**	5/19/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/28/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	165

	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**	**0.0092**	**ND**	**0.52**
delta-BHC	**20**	**86.12**	**0.0092**	**ND**	**NLE**
Heptachlor	**20**	**86.12**	**0.0069**	**ND**	**0.15**
Aldrin	**20**	**86.12**	**0.0092**	**ND**	**0.04**
Heptachlor Epoxide	**20**	**86.12**	**0.0138**	**ND**	**NLE**
Endosulfan I	**20**	**86.12**	**0.0115**	**ND**	**NLE**
4,4'-DDE	**20**	**86.12**	**0.0092**	**ND**	**2**
Dieldrin	**20**	**86.12**	**0.0115**	**ND**	**0.042**
Endrin	**20**	**86.12**	**0.0115**	**ND**	**17**
Endosulfan II	**20**	**86.12**	**0.0092**	**ND**	**NLE**
4,4'-DDD	**20**	**86.12**	**0.0138**	**0.105**	**3**
Endrin Aldehyde	**20**	**86.12**	**0.0115**	**ND**	**NLE**
4,4'-DDT	**20**	**86.12**	**0.0252**	**0.056**	**2**
Endosulfan-Sulfate	**20**	**86.12**	**0.0092**	**ND**	**NLE**
gamma -Chlordane	**20**	**86.12**	**0.0115**	**ND**	**NLE**
alpha-Chlordane	**20**	**86.12**	**0.0115**	**ND**	**NLE**
Toxaphene	**20**	**86.12**	**0.0069**	**ND**	**0.1**
Arochlor 1016	**1**	**86.12**	**0.0128**	**ND**	**0.49**
Arochlor 1221	**1**	**86.12**	**0.0236**	**ND**	**0.49**
Arochlor 1232	**1**	**86.12**	**0.0160**	**ND**	**0.49**
Arochlor 1242	**1**	**86.12**	**0.0183**	**ND**	**0.49**
Arochlor 1248	**1**	**86.12**	**0.0073**	**3.082**	**0.49**
Arochlor 1254	**1**	**86.12**	**0.0046**	**ND**	**0.49**
Arochlor 1260	**1**	**86.12**	**0.0041**	**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 # :**	4485.18
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/14/99
	Bldg. 173	**Extraction Date:**	5/19/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/28/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	166

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	**20**	**76.29**	**0.0077**	**ND**	**NLE**
beta-BHC	**20**	**76.29**	**0.0077**	**ND**	**NLE**
gamma-BHC	**20**	**76.29**	**0.0103**	**ND**	**0.52**
delta-BHC	**20**	**76.29**	**0.0103**	**ND**	**NLE**
Heptachlor	**20**	**76.29**	**0.0077**	**ND**	**0.15**
Aldrin	**20**	**76.29**	**0.0103**	**ND**	**0.04**
Heptachlor Epoxide	**20**	**76.29**	**0.0154**	**ND**	**NLE**
Endosulfan I	**20**	**76.29**	**0.0129**	**ND**	**NLE**
4,4'-DDE	**20**	**76.29**	**0.0103**	**0.079**	**2**
Dieldrin	**20**	**76.29**	**0.0129**	**0.028**	**0.042**
Endrin	**20**	**76.29**	**0.0129**	**ND**	**17**
Endosulfan II	**20**	**76.29**	**0.0103**	**ND**	**NLE**
4,4'-DDD	**20**	**76.29**	**0.0154**	**0.037**	**3**
Endrin Aldehyde	**20**	**76.29**	**0.0129**	**ND**	**NLE**
4,4'-DDT	**20**	**76.29**	**0.0283**	**0.036**	**2**
Endosulfan-Sulfate	**20**	**76.29**	**0.0103**	**ND**	**NLE**
gamma -Chlordane	**20**	**76.29**	**0.0129**	**ND**	**NLE**
alpha-Chlordane	**20**	**76.29**	**0.0129**	**0.017**	**NLE**
Toxaphene	**20**	**76.29**	**0.0077**	**ND**	**0.1**
Arochlor 1016	**5**	**76.29**	**0.0720**	**ND**	**0.49**
Arochlor 1221	**5**	**76.29**	**0.1324**	**ND**	**0.49**
Arochlor 1232	**5**	**76.29**	**0.0900**	**ND**	**0.49**
Arochlor 1242	**5**	**76.29**	**0.1028**	**ND**	**0.49**
Arochlor 1248	**5**	**76.29**	**0.0411**	**ND**	**0.49**
Arochlor 1254	**5**	**76.29**	**0.0257**	**ND**	**0.49**
Arochlor 1260	**5**	**76.29**	**0.0231**	**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

002062

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4485.20
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/14/99
	Bldg. 173	**Extraction Date:**	5/19/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/28/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	167

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	**20**	**89.01**	**0.0067**	**ND**	**NLE**
beta-BHC	**20**	**89.01**	**0.0067**	**ND**	**NLE**
gamma-BHC	**20**	**89.01**	**0.0090**	**ND**	**0.52**
delta-BHC	**20**	**89.01**	**0.0090**	**ND**	**NLE**
Heptachlor	**20**	**89.01**	**0.0067**	**ND**	**0.15**
Aldrin	**20**	**89.01**	**0.0090**	**ND**	**0.04**
Heptachlor Epoxide	**20**	**89.01**	**0.0134**	**ND**	**NLE**
Endosulfan I	**20**	**89.01**	**0.0112**	**ND**	**NLE**
4,4'-DDE	**20**	**89.01**	**0.0090**	**0.019**	**2**
Dieldrin	**20**	**89.01**	**0.0112**	**ND**	**0.042**
Endrin	**20**	**89.01**	**0.0112**	**ND**	**17**
Endosulfan II	**20**	**89.01**	**0.0090**	**ND**	**NLE**
4,4'-DDD	**20**	**89.01**	**0.0134**	**0.031**	**3**
Endrin Aldehyde	**20**	**89.01**	**0.0112**	**ND**	**NLE**
4,4'-DDT	**20**	**89.01**	**0.0246**	**ND**	**2**
Endosulfan-Sulfate	**20**	**89.01**	**0.0090**	**ND**	**NLE**
gamma -Chlordane	**20**	**89.01**	**0.0112**	**ND**	**NLE**
alpha-Chlordane	**20**	**89.01**	**0.0112**	**ND**	**NLE**
Toxaphene	**20**	**89.01**	**0.0067**	**ND**	**0.1**
Arochlor 1016	**20**	**89.01**	**0.2507**	**ND**	**0.49**
Arochlor 1221	**20**	**89.01**	**0.4610**	**ND**	**0.49**
Arochlor 1232	**20**	**89.01**	**0.3133**	**ND**	**0.49**
Arochlor 1242	**20**	**89.01**	**0.3581**	**ND**	**0.49**
Arochlor 1248	**20**	**89.01**	**0.1432**	**ND**	**0.49**
Arochlor 1254	**20**	**89.01**	**0.0895**	**ND**	**0.49**
Arochlor 1260	**20**	**89.01**	**0.0806**	**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

002063

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4485.22
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/14/99
	Bldg. 173	**Extraction Date:**	5/19/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/28/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	168

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	**20**	**90.21**	**0.0065**	**ND**	**NLE**
beta-BHC	**20**	**90.21**	**0.0065**	**ND**	**NLE**
gamma-BHC	**20**	**90.21**	**0.0087**	**ND**	**0.52**
delta-BHC	**20**	**90.21**	**0.0087**	**ND**	**NLE**
Heptachlor	**20**	**90.21**	**0.0065**	**ND**	**0.15**
Aldrin	**20**	**90.21**	**0.0087**	**ND**	**0.04**
Heptachlor Epoxide	**20**	**90.21**	**0.0130**	**ND**	**NLE**
Endosulfan I	**20**	**90.21**	**0.0108**	**ND**	**NLE**
4,4'-DDE	**20**	**90.21**	**0.0087**	**0.018**	**2**
Dieldrin	**20**	**90.21**	**0.0108**	**ND**	**0.042**
Endrin	**20**	**90.21**	**0.0108**	**ND**	**17**
Endosulfan II	**20**	**90.21**	**0.0087**	**ND**	**NLE**
4,4'-DDD	**20**	**90.21**	**0.0130**	**0.037**	**3**
Endrin Aldehyde	**20**	**90.21**	**0.0108**	**ND**	**NLE**
4,4'-DDT	**20**	**90.21**	**0.0238**	**0.285**	**2**
Endosulfan-Sulfate	**20**	**90.21**	**0.0087**	**ND**	**NLE**
gamma -Chlordane	**20**	**90.21**	**0.0108**	**ND**	**NLE**
alpha-Chlordane	**20**	**90.21**	**0.0108**	**ND**	**NLE**
Toxaphene	**20**	**90.21**	**0.0065**	**ND**	**0.1**
Arochlor 1016	**20**	**90.21**	**0.2423**	**ND**	**0.49**
Arochlor 1221	**20**	**90.21**	**0.4456**	**ND**	**0.49**
Arochlor 1232	**20**	**90.21**	**0.3028**	**ND**	**0.49**
Arochlor 1242	**20**	**90.21**	**0.3461**	**ND**	**0.49**
Arochlor 1248	**20**	**90.21**	**0.1384**	**ND**	**0.49**
Arochlor 1254	**20**	**90.21**	**0.0865**	**ND**	**0.49**
Arochlor 1260	**20**	**90.21**	**0.0779**	**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 # :**	4485.24
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/14/99
	Bldg. 173	**Extraction Date:**	5/19/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/28/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	169

	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**	**0.0127**	**ND**	**NLE**
Endosulfan I	**20**	**91.86**	**0.0106**	**ND**	**NLE**
4,4'-DDE	**20**	**91.86**	**0.0085**	**ND**	**2**
Dieldrin	**20**	**91.86**	**0.0106**	**ND**	**0.042**
Endrin	**20**	**91.86**	**0.0106**	**ND**	**17**
Endosulfan II	**20**	**91.86**	**0.0085**	**ND**	**NLE**
4,4'-DDD	**20**	**91.86**	**0.0127**	**0.017**	**3**
Endrin Aldehyde	**20**	**91.86**	**0.0106**	**ND**	**NLE**
4,4'-DDT	**20**	**91.86**	**0.0234**	**ND**	**2**
Endosulfan-Sulfate	**20**	**91.86**	**0.0085**	**ND**	**NLE**
gamma -Chlordane	**20**	**91.86**	**0.0106**	**ND**	**NLE**
alpha-Chlordane	**20**	**91.86**	**0.0106**	**ND**	**NLE**
Toxaphene	**20**	**91.86**	**0.0064**	**ND**	**0.1**
Arochlor 1016	**20**	**91.86**	**0.2379**	**ND**	**0.49**
Arochlor 1221	**20**	**91.86**	**0.4376**	**ND**	**0.49**
Arochlor 1232	**20**	**91.86**	**0.2974**	**ND**	**0.49**
Arochlor 1242	**20**	**91.86**	**0.3399**	**ND**	**0.49**
Arochlor 1248	**20**	**91.86**	**0.1359**	**ND**	**0.49**
Arochlor 1254	**20**	**91.86**	**0.0850**	**ND**	**0.49**
Arochlor 1260	**20**	**91.86**	**0.0765**	**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 # :**	4485.26
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/14/99
	Bldg. 173	**Extraction Date:**	5/19/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/28/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	170

	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	ND	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	ND	3
Endrin Aldehyde	20	88.59	0.0112	ND	NLE
4,4'-DDT	20	88.59	0.0245	ND	2
Endosulfan-Sulfate	20	88.59	0.0089	ND	NLE
gamma -Chlordane	20	88.59	0.0112	ND	NLE
alpha-Chlordane	20	88.59	0.0112	ND	NLE
Toxaphene	20	88.59	0.0067	ND	0.1
Arochlor 1016	20	88.59	0.2499	ND	0.49
Arochlor 1221	20	88.59	0.4595	ND	0.49
Arochlor 1232	20	88.59	0.3123	ND	0.49
Arochlor 1242	20	88.59	0.3569	ND	0.49
Arochlor 1248	20	88.59	0.1428	ND	0.49
Arochlor 1254	20	88.59	0.0892	ND	0.49
Arochlor 1260	20	88.59	0.0803	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 # :**	4491.02
	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 :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	171

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	**20**	**87.56**	**0.0064**	**ND**	**NLE**
beta-BHC	**20**	**87.56**	**0.0064**	**ND**	**NLE**
gamma-BHC	**20**	**87.56**	**0.0085**	**ND**	**0.52**
delta-BHC	**20**	**87.56**	**0.0085**	**ND**	**NLE**
Heptachlor	**20**	**87.56**	**0.0064**	**ND**	**0.15**
Aldrin	**20**	**87.56**	**0.0085**	**ND**	**0.04**
Heptachlor Epoxide	**20**	**87.56**	**0.0127**	**ND**	**NLE**
Endosulfan I	**20**	**87.56**	**0.0106**	**ND**	**NLE**
4,4'-DDE	**20**	**87.56**	**0.0085**	**0.047**	**2**
Dieldrin	**20**	**87.56**	**0.0106**	**ND**	**0.042**
Endrin	**20**	**87.56**	**0.0106**	**ND**	**17**
Endosulfan II	**20**	**87.56**	**0.0085**	**ND**	**NLE**
4,4'-DDD	**20**	**87.56**	**0.0127**	**0.048**	**3**
Endrin Aldehyde	**20**	**87.56**	**0.0106**	**ND**	**NLE**
4,4'-DDT	**20**	**87.56**	**0.0234**	**0.038**	**2**
Endosulfan-Sulfate	**20**	**87.56**	**0.0085**	**ND**	**NLE**
gamma -Chlordane	**20**	**87.56**	**0.0106**	**ND**	**NLE**
alpha-Chlordane	**20**	**87.56**	**0.0106**	**ND**	**NLE**
Toxaphene	**20**	**87.56**	**0.0064**	**ND**	**0.1**
Arochlor 1016	**20**	**87.56**	**0.2378**	**ND**	**0.49**
Arochlor 1221	**20**	**87.56**	**0.4373**	**ND**	**0.49**
Arochlor 1232	**20**	**87.56**	**0.2972**	**ND**	**0.49**
Arochlor 1242	**20**	**87.56**	**0.3397**	**ND**	**0.49**
Arochlor 1248	**20**	**87.56**	**0.1359**	**ND**	**0.49**
Arochlor 1254	**20**	**87.56**	**0.0849**	**ND**	**0.49**
Arochlor 1260	**20**	**87.56**	**0.0764**	**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

002067

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4491.04
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/17/99
	Bldg. 173	**Extraction Date:**	5/21/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/2/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	172

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	**20**	**87.30**	**0.0065**	**ND**	**NLE**
beta-BHC	**20**	**87.30**	**0.0065**	**ND**	**NLE**
gamma-BHC	**20**	**87.30**	**0.0086**	**ND**	**0.52**
delta-BHC	**20**	**87.30**	**0.0086**	**ND**	**NLE**
Heptachlor	**20**	**87.30**	**0.0065**	**ND**	**0.15**
Aldrin	**20**	**87.30**	**0.0086**	**ND**	**0.04**
Heptachlor Epoxide	**20**	**87.30**	**0.0129**	**ND**	**NLE**
Endosulfan I	**20**	**87.30**	**0.0108**	**ND**	**NLE**
4,4'-DDE	**20**	**87.30**	**0.0086**	**0.040**	**2**
Dieldrin	**20**	**87.30**	**0.0108**	**ND**	**0.042**
Endrin	**20**	**87.30**	**0.0108**	**ND**	**17**
Endosulfan II	**20**	**87.30**	**0.0086**	**ND**	**NLE**
4,4'-DDD	**20**	**87.30**	**0.0129**	**0.077**	**3**
Endrin Aldehyde	**20**	**87.30**	**0.0108**	**ND**	**NLE**
4,4'-DDT	**20**	**87.30**	**0.0237**	**0.025**	**2**
Endosulfan-Sulfate	**20**	**87.30**	**0.0086**	**ND**	**NLE**
gamma -Chlordane	**20**	**87.30**	**0.0108**	**ND**	**NLE**
alpha-Chlordane	**20**	**87.30**	**0.0108**	**ND**	**NLE**
Toxaphene	**20**	**87.30**	**0.0065**	**ND**	**0.1**
Arochlor 1016	**20**	**87.30**	**0.2412**	**ND**	**0.49**
Arochlor 1221	**20**	**87.30**	**0.4435**	**ND**	**0.49**
Arochlor 1232	**20**	**87.30**	**0.3014**	**ND**	**0.49**
Arochlor 1242	**20**	**87.30**	**0.3445**	**ND**	**0.49**
Arochlor 1248	**20**	**87.30**	**0.1378**	**ND**	**0.49**
Arochlor 1254	**20**	**87.30**	**0.0861**	**ND**	**0.49**
Arochlor 1260	**20**	**87.30**	**0.0775**	**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 # :**	4491.06
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/17/99
	Bldg. 173	**Extraction Date:**	5/21/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/2/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	173

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	**20**	**89.72**	**0.0063**	**ND**	**NLE**
beta-BHC	**20**	**89.72**	**0.0063**	**ND**	**NLE**
gamma-BHC	**20**	**89.72**	**0.0084**	**ND**	**0.52**
delta-BHC	**20**	**89.72**	**0.0084**	**ND**	**NLE**
Heptachlor	**20**	**89.72**	**0.0063**	**ND**	**0.15**
Aldrin	**20**	**89.72**	**0.0084**	**ND**	**0.04**
Heptachlor Epoxide	**20**	**89.72**	**0.0127**	**ND**	**NLE**
Endosulfan I	**20**	**89.72**	**0.0106**	**ND**	**NLE**
4,4'-DDE	**20**	**89.72**	**0.0084**	**0.015**	**2**
Dieldrin	**20**	**89.72**	**0.0106**	**ND**	**0.042**
Endrin	**20**	**89.72**	**0.0106**	**ND**	**17**
Endosulfan II	**20**	**89.72**	**0.0084**	**ND**	**NLE**
4,4'-DDD	**20**	**89.72**	**0.0127**	**0.020**	**3**
Endrin Aldehyde	**20**	**89.72**	**0.0106**	**ND**	**NLE**
4,4'-DDT	**20**	**89.72**	**0.0232**	**ND**	**2**
Endosulfan-Sulfate	**20**	**89.72**	**0.0084**	**ND**	**NLE**
gamma -Chlordane	**20**	**89.72**	**0.0106**	**ND**	**NLE**
alpha-Chlordane	**20**	**89.72**	**0.0106**	**ND**	**NLE**
Toxaphene	**20**	**89.72**	**0.0063**	**ND**	**0.1**
Arochlor 1016	**20**	**89.72**	**0.2364**	**ND**	**0.49**
Arochlor 1221	**20**	**89.72**	**0.4349**	**ND**	**0.49**
Arochlor 1232	**20**	**89.72**	**0.2955**	**ND**	**0.49**
Arochlor 1242	**20**	**89.72**	**0.3378**	**ND**	**0.49**
Arochlor 1248	**20**	**89.72**	**0.1351**	**ND**	**0.49**
Arochlor 1254	**20**	**89.72**	**0.0844**	**ND**	**0.49**
Arochlor 1260	**20**	**89.72**	**0.0760**	**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 # :**	4491.08
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/17/99
	Bldg. 173	**Extraction Date:**	5/21/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/2/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	174

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	89.54	0.0066	ND	NLE
beta-BHC	20	89.54	0.0066	ND	NLE
gamma-BHC	20	89.54	0.0088	ND	0.52
delta-BHC	20	89.54	0.0088	ND	NLE
Heptachlor	20	89.54	0.0066	ND	0.15
Aldrin	20	89.54	0.0088	ND	0.04
Heptachlor Epoxide	20	89.54	0.0132	ND	NLE
Endosulfan I	20	89.54	0.0110	ND	NLE
4,4'-DDE	20	89.54	0.0088	0.018	2
Dieldrin	20	89.54	0.0110	ND	0.042
Endrin	20	89.54	0.0110	ND	17
Endosulfan II	20	89.54	0.0088	ND	NLE
4,4'-DDD	20	89.54	0.0132	ND	3
Endrin Aldehyde	20	89.54	0.0110	ND	NLE
4,4'-DDT	20	89.54	0.0242	ND	2
Endosulfan-Sulfate	20	89.54	0.0088	ND	NLE
gamma -Chlordane	20	89.54	0.0110	ND	NLE
alpha-Chlordane	20	89.54	0.0110	ND	NLE
Toxaphene	20	89.54	0.0066	ND	0.1
Arochlor 1016	20	89.54	0.2460	ND	0.49
Arochlor 1221	20	89.54	0.4524	ND	0.49
Arochlor 1232	20	89.54	0.3075	ND	0.49
Arochlor 1242	20	89.54	0.3514	ND	0.49
Arochlor 1248	20	89.54	0.1406	ND	0.49
Arochlor 1254	20	89.54	0.0879	ND	0.49
Arochlor 1260	20	89.54	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 # :**	4491.10
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/17/99
	Bldg. 173	**Extraction Date:**	5/21/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/3/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	175

	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**	**0.0131**	**ND**	**NLE**
Endosulfan I	**20**	**90.28**	**0.0109**	**ND**	**NLE**
4,4'-DDE	**20**	**90.28**	**0.0087**	**0.013**	**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**	**0.0131**	**0.017**	**3**
Endrin Aldehyde	**20**	**90.28**	**0.0109**	**ND**	**NLE**
4,4'-DDT	**20**	**90.28**	**0.0240**	**ND**	**2**
Endosulfan-Sulfate	**20**	**90.28**	**0.0087**	**ND**	**NLE**
gamma -Chlordane	**20**	**90.28**	**0.0109**	**ND**	**NLE**
alpha-Chlordane	**20**	**90.28**	**0.0109**	**ND**	**NLE**
Toxaphene	**20**	**90.28**	**0.0065**	**ND**	**0.1**
Arochlor 1016	**20**	**90.28**	**0.2440**	**ND**	**0.49**
Arochlor 1221	**20**	**90.28**	**0.4487**	**ND**	**0.49**
Arochlor 1232	**20**	**90.28**	**0.3050**	**ND**	**0.49**
Arochlor 1242	**20**	**90.28**	**0.3485**	**ND**	**0.49**
Arochlor 1248	**20**	**90.28**	**0.1394**	**ND**	**0.49**
Arochlor 1254	**20**	**90.28**	**0.0871**	**ND**	**0.49**
Arochlor 1260	**20**	**90.28**	**0.0784**	**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 # :**	4491.12
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/17/99
	Bldg. 173	**Extraction Date:**	5/21/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/3/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	176

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	88.61	0.0066	ND	NLE
beta-BHC	20	88.61	0.0066	ND	NLE
gamma-BHC	20	88.61	0.0088	ND	0.52
delta-BHC	20	88.61	0.0088	ND	NLE
Heptachlor	20	88.61	0.0066	ND	0.15
Aldrin	20	88.61	0.0088	ND	0.04
Heptachlor Epoxide	20	88.61	0.0131	ND	NLE
Endosulfan I	20	88.61	0.0110	ND	NLE
4,4'-DDE	20	88.61	0.0088	0.014	2
Dieldrin	20	88.61	0.0110	ND	0.042
Endrin	20	88.61	0.0110	ND	17
Endosulfan II	20	88.61	0.0088	ND	NLE
4,4'-DDD	20	88.61	0.0131	0.017	3
Endrin Aldehyde	20	88.61	0.0110	ND	NLE
4,4'-DDT	20	88.61	0.0241	ND	2
Endosulfan-Sulfate	20	88.61	0.0088	ND	NLE
gamma -Chlordane	20	88.61	0.0110	0.013	NLE
alpha-Chlordane	20	88.61	0.0110	ND	NLE
Toxaphene	20	88.61	0.0066	ND	0.1
Arochlor 1016	20	88.61	0.2454	ND	0.49
Arochlor 1221	20	88.61	0.4514	ND	0.49
Arochlor 1232	20	88.61	0.3068	ND	0.49
Arochlor 1242	20	88.61	0.3506	ND	0.49
Arochlor 1248	20	88.61	0.1402	ND	0.49
Arochlor 1254	20	88.61	0.0877	ND	0.49
Arochlor 1260	20	88.61	0.0789	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

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Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4491.14
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/17/99
	Bldg. 173	**Extraction Date:**	5/21/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/3/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	177

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	90.95	0.0064	ND	NLE
beta-BHC	20	90.95	0.0064	ND	NLE
gamma-BHC	20	90.95	0.0086	ND	0.52
delta-BHC	20	90.95	0.0086	ND	NLE
Heptachlor	20	90.95	0.0064	ND	0.15
Aldrin	20	90.95	0.0086	ND	0.04
Heptachlor Epoxide	20	90.95	0.0128	ND	NLE
Endosulfan I	20	90.95	0.0107	ND	NLE
4,4'-DDE	20	90.95	0.0086	0.017	2
Dieldrin	20	90.95	0.0107	ND	0.042
Endrin	20	90.95	0.0107	ND	17
Endosulfan II	20	90.95	0.0086	ND	NLE
4,4'-DDD	20	90.95	0.0128	0.020	3
Endrin Aldehyde	20	90.95	0.0107	ND	NLE
4,4'-DDT	20	90.95	0.0236	ND	2
Endosulfan-Sulfate	20	90.95	0.0086	ND	NLE
gamma -Chlordane	20	90.95	0.0107	ND	NLE
alpha-Chlordane	20	90.95	0.0107	ND	NLE
Toxaphene	20	90.95	0.0064	ND	0.1
Arochlor 1016	20	90.95	0.2398	ND	0.49
Arochlor 1221	20	90.95	0.4411	ND	0.49
Arochlor 1232	20	90.95	0.2998	ND	0.49
Arochlor 1242	20	90.95	0.3426	ND	0.49
Arochlor 1248	20	90.95	0.1370	ND	0.49
Arochlor 1254	20	90.95	0.0856	ND	0.49
Arochlor 1260	20	90.95	0.0771	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 # :**	4491.16
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/17/99
	Bldg. 173	**Extraction Date:**	5/21/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/3/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	178

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	85.53	0.0070	ND	NLE
beta-BHC	20	85.53	0.0070	ND	NLE
gamma-BHC	20	85.53	0.0093	ND	0.52
delta-BHC	20	85.53	0.0093	ND	NLE
Heptachlor	20	85.53	0.0070	ND	0.15
Aldrin	20	85.53	0.0093	ND	0.04
Heptachlor Epoxide	20	85.53	0.0139	ND	NLE
Endosulfan I	20	85.53	0.0116	ND	NLE
4,4'-DDE	20	85.53	0.0093	0.056	2
Dieldrin	20	85.53	0.0116	ND	0.042
Endrin	20	85.53	0.0116	ND	17
Endosulfan II	20	85.53	0.0093	ND	NLE
4,4'-DDD	20	85.53	0.0139	0.023	3
Endrin Aldehyde	20	85.53	0.0116	ND	NLE
4,4'-DDT	20	85.53	0.0256	0.055	2
Endosulfan-Sulfate	20	85.53	0.0093	ND	NLE
gamma -Chlordane	20	85.53	0.0116	ND	NLE
alpha-Chlordane	20	85.53	0.0116	ND	NLE
Toxaphene	20	85.53	0.0070	ND	0.1
Arochlor 1016	1	85.53	0.0130	ND	0.49
Arochlor 1221	1	85.53	0.0239	ND	0.49
Arochlor 1232	1	85.53	0.0163	ND	0.49
Arochlor 1242	1	85.53	0.0186	5.983	0.49
Arochlor 1248	1	85.53	0.0074	ND	0.49
Arochlor 1254	1	85.53	0.0046	ND	0.49
Arochlor 1260	1	85.53	0.0042	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 # :**	4491.18
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/17/99
	Bldg. 173	**Extraction Date:**	5/21/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/3/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	179

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	84.93	0.0070	ND	NLE
beta-BHC	20	84.93	0.0070	ND	NLE
gamma-BHC	20	84.93	0.0093	ND	0.52
delta-BHC	20	84.93	0.0093	ND	NLE
Heptachlor	20	84.93	0.0070	ND	0.15
Aldrin	20	84.93	0.0093	ND	0.04
Heptachlor Epoxide	20	84.93	0.0140	ND	NLE
Endosulfan I	20	84.93	0.0117	ND	NLE
4,4'-DDE	20	84.93	0.0093	0.055	2
Dieldrin	20	84.93	0.0117	ND	0.042
Endrin	20	84.93	0.0117	ND	17
Endosulfan II	20	84.93	0.0093	ND	NLE
4,4'-DDD	20	84.93	0.0140	0.036	3
Endrin Aldehyde	20	84.93	0.0117	ND	NLE
4,4'-DDT	20	84.93	0.0256	0.035	2
Endosulfan-Sulfate	20	84.93	0.0093	ND	NLE
gamma -Chlordane	20	84.93	0.0117	ND	NLE
alpha-Chlordane	20	84.93	0.0117	ND	NLE
Toxaphene	20	84.93	0.0070	ND	0.1
Arochlor 1016	20	84.93	0.2611	ND	0.49
Arochlor 1221	20	84.93	0.4803	ND	0.49
Arochlor 1232	20	84.93	0.3264	ND	0.49
Arochlor 1242	20	84.93	0.3731	ND	0.49
Arochlor 1248	20	84.93	0.1492	ND	0.49
Arochlor 1254	20	84.93	0.0933	ND	0.49
Arochlor 1260	20	84.93	0.0839	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 # :**	4491.20
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/17/99
	Bldg. 173	**Extraction Date:**	5/21/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/3/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	180

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	90.53	0.0066	ND	NLE
beta-BHC	20	90.53	0.0066	ND	NLE
gamma-BHC	20	90.53	0.0088	ND	0.52
delta-BHC	20	90.53	0.0088	ND	NLE
Heptachlor	20	90.53	0.0066	ND	0.15
Aldrin	20	90.53	0.0088	ND	0.04
Heptachlor Epoxide	20	90.53	0.0133	ND	NLE
Endosulfan I	20	90.53	0.0110	ND	NLE
4,4'-DDE	20	90.53	0.0088	0.152	2
Dieldrin	20	90.53	0.0110	ND	0.042
Endrin	20	90.53	0.0110	ND	17
Endosulfan II	20	90.53	0.0088	ND	NLE
4,4'-DDD	20	90.53	0.0133	0.067	3
Endrin Aldehyde	20	90.53	0.0110	ND	NLE
4,4'-DDT	20	90.53	0.0243	0.420	2
Endosulfan-Sulfate	20	90.53	0.0088	ND	NLE
gamma -Chlordane	20	90.53	0.0110	ND	NLE
alpha-Chlordane	20	90.53	0.0110	ND	NLE
Toxaphene	20	90.53	0.0066	ND	0.1
Arochlor 1016	20	90.53	0.2474	ND	0.49
Arochlor 1221	20	90.53	0.4551	ND	0.49
Arochlor 1232	20	90.53	0.3093	ND	0.49
Arochlor 1242	20	90.53	0.3535	ND	0.49
Arochlor 1248	20	90.53	0.1414	ND	0.49
Arochlor 1254	20	90.53	0.0884	ND	0.49
Arochlor 1260	20	90.53	0.0795	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 # :**	4491.22
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/17/99
	Bldg. 173	**Extraction Date:**	5/21/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/3/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	181

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	90.09	0.0065	ND	NLE
beta-BHC	20	90.09	0.0065	ND	NLE
gamma-BHC	20	90.09	0.0086	ND	0.52
delta-BHC	20	90.09	0.0086	ND	NLE
Heptachlor	20	90.09	0.0065	ND	0.15
Aldrin	20	90.09	0.0086	ND	0.04
Heptachlor Epoxide	20	90.09	0.0129	ND	NLE
Endosulfan I	20	90.09	0.0108	ND	NLE
4,4'-DDE	20	90.09	0.0086	0.024	2
Dieldrin	20	90.09	0.0108	ND	0.042
Endrin	20	90.09	0.0108	ND	17
Endosulfan II	20	90.09	0.0086	ND	NLE
4,4'-DDD	20	90.09	0.0129	ND	3
Endrin Aldehyde	20	90.09	0.0108	ND	NLE
4,4'-DDT	20	90.09	0.0237	ND	2
Endosulfan-Sulfate	20	90.09	0.0086	ND	NLE
gamma -Chlordane	20	90.09	0.0108	ND	NLE
alpha-Chlordane	20	90.09	0.0108	ND	NLE
Toxaphene	20	90.09	0.0065	ND	0.1
Arochlor 1016	20	90.09	0.2416	ND	0.49
Arochlor 1221	20	90.09	0.4444	ND	0.49
Arochlor 1232	20	90.09	0.3020	ND	0.49
Arochlor 1242	20	90.09	0.3452	ND	0.49
Arochlor 1248	20	90.09	0.1381	ND	0.49
Arochlor 1254	20	90.09	0.0863	ND	0.49
Arochlor 1260	20	90.09	0.0777	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 # :**	4491.24
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/17/99
	Bldg. 173	**Extraction Date:**	5/21/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/3/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	182

	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	0.0090	ND	0.52
delta-BHC	20	88.43	0.0090	ND	NLE
Heptachlor	20	88.43	0.0067	ND	0.15
Aldrin	20	88.43	0.0090	ND	0.04
Heptachlor Epoxide	20	88.43	0.0135	ND	NLE
Endosulfan I	20	88.43	0.0112	ND	NLE
4,4'-DDE	20	88.43	0.0090	0.034	2
Dieldrin	20	88.43	0.0112	ND	0.042
Endrin	20	88.43	0.0112	ND	17
Endosulfan II	20	88.43	0.0090	ND	NLE
4,4'-DDD	20	88.43	0.0135	ND	3
Endrin Aldehyde	20	88.43	0.0112	ND	NLE
4,4'-DDT	20	88.43	0.0247	0.040	2
Endosulfan-Sulfate	20	88.43	0.0090	ND	NLE
gamma -Chlordane	20	88.43	0.0112	ND	NLE
alpha-Chlordane	20	88.43	0.0112	ND	NLE
Toxaphene	20	88.43	0.0067	ND	0.1
Arochlor 1016	20	88.43	0.2513	ND	0.49
Arochlor 1221	20	88.43	0.4622	ND	0.49
Arochlor 1232	20	88.43	0.3141	ND	0.49
Arochlor 1242	20	88.43	0.3590	ND	0.49
Arochlor 1248	20	88.43	0.1436	ND	0.49
Arochlor 1254	20	88.43	0.0897	ND	0.49
Arochlor 1260	20	88.43	0.0808	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

002078

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4491.26
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/17/99
	Bldg. 173	**Extraction Date:**	5/21/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/8/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	183

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	**20**	**91.71**	**0.0064**	**ND**	**NLE**
beta-BHC	**20**	**91.71**	**0.0064**	**ND**	**NLE**
gamma-BHC	**20**	**91.71**	**0.0085**	**ND**	**0.52**
delta-BHC	**20**	**91.71**	**0.0085**	**ND**	**NLE**
Heptachlor	**20**	**91.71**	**0.0064**	**ND**	**0.15**
Aldrin	**20**	**91.71**	**0.0085**	**ND**	**0.04**
Heptachlor Epoxide	**20**	**91.71**	**0.0128**	**ND**	**NLE**
Endosulfan I	**20**	**91.71**	**0.0107**	**ND**	**NLE**
4,4'-DDE	**20**	**91.71**	**0.0085**	**0.027**	**2**
Dieldrin	**20**	**91.71**	**0.0107**	**ND**	**0.042**
Endrin	**20**	**91.71**	**0.0107**	**ND**	**17**
Endosulfan II	**20**	**91.71**	**0.0085**	**ND**	**NLE**
4,4'-DDD	**20**	**91.71**	**0.0128**	**0.015**	**3**
Endrin Aldehyde	**20**	**91.71**	**0.0107**	**ND**	**NLE**
4,4'-DDT	**20**	**91.71**	**0.0235**	**ND**	**2**
Endosulfan-Sulfate	**20**	**91.71**	**0.0085**	**ND**	**NLE**
gamma -Chlordane	**20**	**91.71**	**0.0107**	**ND**	**NLE**
alpha-Chlordane	**20**	**91.71**	**0.0107**	**ND**	**NLE**
Toxaphene	**20**	**91.71**	**0.0064**	**ND**	**0.1**
Arochlor 1016	**20**	**91.71**	**0.2390**	**ND**	**0.49**
Arochlor 1221	**20**	**91.71**	**0.4396**	**ND**	**0.49**
Arochlor 1232	**20**	**91.71**	**0.2987**	**ND**	**0.49**
Arochlor 1242	**20**	**91.71**	**0.3414**	**ND**	**0.49**
Arochlor 1248	**20**	**91.71**	**0.1366**	**ND**	**0.49**
Arochlor 1254	**20**	**91.71**	**0.0854**	**ND**	**0.49**
Arochlor 1260	**20**	**91.71**	**0.0768**	**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 # :**	4491.28
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/17/99
	Bldg. 173	**Extraction Date:**	5/21/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/8/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	184

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	**20**	**90.66**	**0.0066**	**ND**	**NLE**
beta-BHC	**20**	**90.66**	**0.0066**	**ND**	**NLE**
gamma-BHC	**20**	**90.66**	**0.0088**	**ND**	**0.52**
delta-BHC	**20**	**90.66**	**0.0088**	**ND**	**NLE**
Heptachlor	**20**	**90.66**	**0.0066**	**ND**	**0.15**
Aldrin	**20**	**90.66**	**0.0088**	**ND**	**0.04**
Heptachlor Epoxide	**20**	**90.66**	**0.0132**	**ND**	**NLE**
Endosulfan I	**20**	**90.66**	**0.0110**	**ND**	**NLE**
4,4'-DDE	**20**	**90.66**	**0.0088**	**0.082**	**2**
Dieldrin	**20**	**90.66**	**0.0110**	**ND**	**0.042**
Endrin	**20**	**90.66**	**0.0110**	**ND**	**17**
Endosulfan II	**20**	**90.66**	**0.0088**	**ND**	**NLE**
4,4'-DDD	**20**	**90.66**	**0.0132**	**ND**	**3**
Endrin Aldehyde	**20**	**90.66**	**0.0110**	**ND**	**NLE**
4,4'-DDT	**20**	**90.66**	**0.0241**	**0.102**	**2**
Endosulfan-Sulfate	**20**	**90.66**	**0.0088**	**ND**	**NLE**
gamma -Chlordane	**20**	**90.66**	**0.0110**	**ND**	**NLE**
alpha-Chlordane	**20**	**90.66**	**0.0110**	**ND**	**NLE**
Toxaphene	**20**	**90.66**	**0.0066**	**ND**	**0.1**
Arochlor 1016	**20**	**90.66**	**0.2458**	**ND**	**0.49**
Arochlor 1221	**20**	**90.66**	**0.4522**	**ND**	**0.49**
Arochlor 1232	**20**	**90.66**	**0.3073**	**ND**	**0.49**
Arochlor 1242	**20**	**90.66**	**0.3512**	**ND**	**0.49**
Arochlor 1248	**20**	**90.66**	**0.1405**	**ND**	**0.49**
Arochlor 1254	**20**	**90.66**	**0.0878**	**ND**	**0.49**
Arochlor 1260	**20**	**90.66**	**0.0790**	**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 # :**	4494.02
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/18/99
	Bldg. 173	**Extraction Date:**	5/21/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/8/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	185

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	94.50	0.0062	ND	NLE
beta-BHC	20	94.50	0.0062	ND	NLE
gamma-BHC	20	94.50	0.0083	ND	0.52
delta-BHC	20	94.50	0.0083	ND	NLE
Heptachlor	20	94.50	0.0062	ND	0.15
Aldrin	20	94.50	0.0083	ND	0.04
Heptachlor Epoxide	20	94.50	0.0125	ND	NLE
Endosulfan I	20	94.50	0.0104	ND	NLE
4,4'-DDE	20	94.50	0.0083	ND	2
Dieldrin	20	94.50	0.0104	ND	0.042
Endrin	20	94.50	0.0104	ND	17
Endosulfan II	20	94.50	0.0083	ND	NLE
4,4'-DDD	20	94.50	0.0125	ND	3
Endrin Aldehyde	20	94.50	0.0104	ND	NLE
4,4'-DDT	20	94.50	0.0229	ND	2
Endosulfan-Sulfate	20	94.50	0.0083	ND	NLE
gamma -Chlordane	20	94.50	0.0104	ND	NLE
alpha-Chlordane	20	94.50	0.0104	ND	NLE
Toxaphene	20	94.50	0.0062	ND	0.1
Arochlor 1016	20	94.50	0.2333	ND	0.49
Arochlor 1221	20	94.50	0.4291	ND	0.49
Arochlor 1232	20	94.50	0.2916	ND	0.49
Arochlor 1242	20	94.50	0.3333	ND	0.49
Arochlor 1248	20	94.50	0.1333	ND	0.49
Arochlor 1254	20	94.50	0.0833	ND	0.49
Arochlor 1260	20	94.50	0.0750	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 # :**	4494.04
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/18/99
	Bldg. 173	**Extraction Date:**	5/21/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/8/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	186

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	**20**	**87.75**	**0.0066**	**ND**	**NLE**
beta-BHC	**20**	**87.75**	**0.0066**	**ND**	**NLE**
gamma-BHC	**20**	**87.75**	**0.0089**	**ND**	**0.52**
delta-BHC	**20**	**87.75**	**0.0089**	**ND**	**NLE**
Heptachlor	**20**	**87.75**	**0.0066**	**ND**	**0.15**
Aldrin	**20**	**87.75**	**0.0089**	**ND**	**0.04**
Heptachlor Epoxide	**20**	**87.75**	**0.0133**	**ND**	**NLE**
Endosulfan I	**20**	**87.75**	**0.0111**	**ND**	**NLE**
4,4'-DDE	**20**	**87.75**	**0.0089**	**0.016**	**2**
Dieldrin	**20**	**87.75**	**0.0111**	**ND**	**0.042**
Endrin	**20**	**87.75**	**0.0111**	**ND**	**17**
Endosulfan II	**20**	**87.75**	**0.0089**	**ND**	**NLE**
4,4'-DDD	**20**	**87.75**	**0.0133**	**0.017**	**3**
Endrin Aldehyde	**20**	**87.75**	**0.0111**	**ND**	**NLE**
4,4'-DDT	**20**	**87.75**	**0.0243**	**ND**	**2**
Endosulfan-Sulfate	**20**	**87.75**	**0.0089**	**ND**	**NLE**
gamma -Chlordane	**20**	**87.75**	**0.0111**	**ND**	**NLE**
alpha-Chlordane	**20**	**87.75**	**0.0111**	**ND**	**NLE**
Toxaphene	**20**	**87.75**	**0.0066**	**ND**	**0.1**
Arochlor 1016	**20**	**87.75**	**0.2478**	**ND**	**0.49**
Arochlor 1221	**20**	**87.75**	**0.4558**	**ND**	**0.49**
Arochlor 1232	**20**	**87.75**	**0.3098**	**ND**	**0.49**
Arochlor 1242	**20**	**87.75**	**0.3541**	**ND**	**0.49**
Arochlor 1248	**20**	**87.75**	**0.1416**	**ND**	**0.49**
Arochlor 1254	**20**	**87.75**	**0.0885**	**ND**	**0.49**
Arochlor 1260	**20**	**87.75**	**0.0797**	**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 # :**	4494.06
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/18/99
	Bldg. 173	**Extraction Date:**	5/21/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/8/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	187

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	**20**	**88.38**	**0.0066**	**ND**	**NLE**
beta-BHC	**20**	**88.38**	**0.0066**	**ND**	**NLE**
gamma-BHC	**20**	**88.38**	**0.0088**	**ND**	**0.52**
delta-BHC	**20**	**88.38**	**0.0088**	**ND**	**NLE**
Heptachlor	**20**	**88.38**	**0.0066**	**ND**	**0.15**
Aldrin	**20**	**88.38**	**0.0088**	**ND**	**0.04**
Heptachlor Epoxide	**20**	**88.38**	**0.0132**	**ND**	**NLE**
Endosulfan I	**20**	**88.38**	**0.0110**	**ND**	**NLE**
4,4'-DDE	**20**	**88.38**	**0.0088**	**0.040**	**2**
Dieldrin	**20**	**88.38**	**0.0110**	**0.019**	**0.042**
Endrin	**20**	**88.38**	**0.0110**	**ND**	**17**
Endosulfan II	**20**	**88.38**	**0.0088**	**ND**	**NLE**
4,4'-DDD	**20**	**88.38**	**0.0132**	**0.045**	**3**
Endrin Aldehyde	**20**	**88.38**	**0.0110**	**ND**	**NLE**
4,4'-DDT	**20**	**88.38**	**0.0242**	**ND**	**2**
Endosulfan-Sulfate	**20**	**88.38**	**0.0088**	**ND**	**NLE**
gamma -Chlordane	**20**	**88.38**	**0.0110**	**ND**	**NLE**
alpha-Chlordane	**20**	**88.38**	**0.0110**	**ND**	**NLE**
Toxaphene	**20**	**88.38**	**0.0066**	**ND**	**0.1**
Arochlor 1016	**20**	**88.38**	**0.2463**	**ND**	**0.49**
Arochlor 1221	**20**	**88.38**	**0.4530**	**ND**	**0.49**
Arochlor 1232	**20**	**88.38**	**0.3079**	**ND**	**0.49**
Arochlor 1242	**20**	**88.38**	**0.3519**	**ND**	**0.49**
Arochlor 1248	**20**	**88.38**	**0.1407**	**ND**	**0.49**
Arochlor 1254	**20**	**88.38**	**0.0880**	**ND**	**0.49**
Arochlor 1260	**20**	**88.38**	**0.0792**	**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 # :**	4494.08
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/18/99
	Bldg. 173	**Extraction Date:**	5/21/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/8/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	188

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	88.82	0.0067	ND	NLE
beta-BHC	20	88.82	0.0067	ND	NLE
gamma-BHC	20	88.82	0.0089	ND	0.52
delta-BHC	20	88.82	0.0089	ND	NLE
Heptachlor	20	88.82	0.0067	ND	0.15
Aldrin	20	88.82	0.0089	ND	0.04
Heptachlor Epoxide	20	88.82	0.0133	ND	NLE
Endosulfan I	20	88.82	0.0111	ND	NLE
4,4'-DDE	20	88.82	0.0089	0.029	2
Dieldrin	20	88.82	0.0111	ND	0.042
Endrin	20	88.82	0.0111	ND	17
Endosulfan II	20	88.82	0.0089	ND	NLE
4,4'-DDD	20	88.82	0.0133	0.080	3
Endrin Aldehyde	20	88.82	0.0111	ND	NLE
4,4'-DDT	20	88.82	0.0244	ND	2
Endosulfan-Sulfate	20	88.82	0.0089	ND	NLE
gamma -Chlordane	20	88.82	0.0111	ND	NLE
alpha-Chlordane	20	88.82	0.0111	ND	NLE
Toxaphene	20	88.82	0.0067	ND	0.1
Arochlor 1016	20	88.82	0.2485	ND	0.49
Arochlor 1221	20	88.82	0.4570	ND	0.49
Arochlor 1232	20	88.82	0.3106	ND	0.49
Arochlor 1242	20	88.82	0.3550	ND	0.49
Arochlor 1248	20	88.82	0.1420	ND	0.49
Arochlor 1254	20	88.82	0.0887	ND	0.49
Arochlor 1260	20	88.82	0.0799	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 # :**	4494.10
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/18/99
	Bldg. 173	**Extraction Date:**	5/21/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/8/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	189

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	87.41	0.0067	ND	NLE
beta-BHC	20	87.41	0.0067	ND	NLE
gamma-BHC	20	87.41	0.0089	ND	0.52
delta-BHC	20	87.41	0.0089	ND	NLE
Heptachlor	20	87.41	0.0067	ND	0.15
Aldrin	20	87.41	0.0089	ND	0.04
Heptachlor Epoxide	20	87.41	0.0134	ND	NLE
Endosulfan I	20	87.41	0.0112	ND	NLE
4,4'-DDE	20	87.41	0.0089	ND	2
Dieldrin	20	87.41	0.0112	ND	0.042
Endrin	20	87.41	0.0112	ND	17
Endosulfan II	20	87.41	0.0089	ND	NLE
4,4'-DDD	20	87.41	0.0134	ND	3
Endrin Aldehyde	20	87.41	0.0112	ND	NLE
4,4'-DDT	20	87.41	0.0246	ND	2
Endosulfan-Sulfate	20	87.41	0.0089	ND	NLE
gamma -Chlordane	20	87.41	0.0112	ND	NLE
alpha-Chlordane	20	87.41	0.0112	ND	NLE
Toxaphene	20	87.41	0.0067	ND	0.1
Arochlor 1016	20	87.41	0.2500	ND	0.49
Arochlor 1221	20	87.41	0.4598	ND	0.49
Arochlor 1232	20	87.41	0.3125	ND	0.49
Arochlor 1242	20	87.41	0.3572	ND	0.49
Arochlor 1248	20	87.41	0.1429	ND	0.49
Arochlor 1254	20	87.41	0.0893	ND	0.49
Arochlor 1260	20	87.41	0.0804	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

002085

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4494.12
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/18/99
	Bldg. 173	**Extraction Date:**	5/21/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/8/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	190

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	**20**	**91.36**	**0.0064**	**ND**	**NLE**
beta-BHC	**20**	**91.36**	**0.0064**	**ND**	**NLE**
gamma-BHC	**20**	**91.36**	**0.0085**	**ND**	**0.52**
delta-BHC	**20**	**91.36**	**0.0085**	**ND**	**NLE**
Heptachlor	**20**	**91.36**	**0.0064**	**ND**	**0.15**
Aldrin	**20**	**91.36**	**0.0085**	**ND**	**0.04**
Heptachlor Epoxide	**20**	**91.36**	**0.0128**	**ND**	**NLE**
Endosulfan I	**20**	**91.36**	**0.0107**	**ND**	**NLE**
4,4'-DDE	**20**	**91.36**	**0.0085**	**0.071**	**2**
Dieldrin	**20**	**91.36**	**0.0107**	**ND**	**0.042**
Endrin	**20**	**91.36**	**0.0107**	**ND**	**17**
Endosulfan II	**20**	**91.36**	**0.0085**	**ND**	**NLE**
4,4'-DDD	**20**	**91.36**	**0.0128**	**ND**	**3**
Endrin Aldehyde	**20**	**91.36**	**0.0107**	**ND**	**NLE**
4,4'-DDT	**20**	**91.36**	**0.0235**	**ND**	**2**
Endosulfan-Sulfate	**20**	**91.36**	**0.0085**	**ND**	**NLE**
gamma -Chlordane	**20**	**91.36**	**0.0107**	**ND**	**NLE**
alpha-Chlordane	**20**	**91.36**	**0.0107**	**ND**	**NLE**
Toxaphene	**20**	**91.36**	**0.0064**	**ND**	**0.1**
Arochlor 1016	**1**	**91.36**	**0.0120**	**ND**	**0.49**
Arochlor 1221	**1**	**91.36**	**0.0220**	**ND**	**0.49**
Arochlor 1232	**1**	**91.36**	**0.0150**	**ND**	**0.49**
Arochlor 1242	**1**	**91.36**	**0.0171**	**ND**	**0.49**
Arochlor 1248	**1**	**91.36**	**0.0068**	**ND**	**0.49**
Arochlor 1254	**1**	**91.36**	**0.0043**	**ND**	**0.49**
Arochlor 1260	**1**	**91.36**	**0.0038**	**5.806**	**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 # :**	4494.14
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/18/99
	Bldg. 173	**Extraction Date:**	5/21/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/8/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	191

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	86.34	0.0069	ND	NLE
beta-BHC	20	86.34	0.0069	ND	NLE
gamma-BHC	20	86.34	0.0093	ND	0.52
delta-BHC	20	86.34	0.0093	ND	NLE
Heptachlor	20	86.34	0.0069	ND	0.15
Aldrin	20	86.34	0.0093	ND	0.04
Heptachlor Epoxide	20	86.34	0.0139	ND	NLE
Endosulfan I	20	86.34	0.0116	ND	NLE
4,4'-DDE	20	86.34	0.0093	0.052	2
Dieldrin	20	86.34	0.0116	0.020	0.042
Endrin	20	86.34	0.0116	ND	17
Endosulfan II	20	86.34	0.0093	ND	NLE
4,4'-DDD	20	86.34	0.0139	0.057	3
Endrin Aldehyde	20	86.34	0.0116	ND	NLE
4,4'-DDT	20	86.34	0.0255	0.096	2
Endosulfan-Sulfate	20	86.34	0.0093	ND	NLE
gamma -Chlordane	20	86.34	0.0116	ND	NLE
alpha-Chlordane	20	86.34	0.0116	ND	NLE
Toxaphene	20	86.34	0.0069	ND	0.1
Arochlor 1016	20	86.34	0.2592	ND	0.49
Arochlor 1221	20	86.34	0.4767	ND	0.49
Arochlor 1232	20	86.34	0.3240	ND	0.49
Arochlor 1242	20	86.34	0.3703	ND	0.49
Arochlor 1248	20	86.34	0.1481	ND	0.49
Arochlor 1254	20	86.34	0.0926	ND	0.49
Arochlor 1260	20	86.34	0.0833	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 # :**	4494.16
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/18/99
	Bldg. 173	**Extraction Date:**	5/21/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/8/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	192

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	92.48	0.0064	ND	NLE
beta-BHC	20	92.48	0.0064	ND	NLE
gamma-BHC	20	92.48	0.0085	ND	0.52
delta-BHC	20	92.48	0.0085	ND	NLE
Heptachlor	20	92.48	0.0064	ND	0.15
Aldrin	20	92.48	0.0085	ND	0.04
Heptachlor Epoxide	20	92.48	0.0128	ND	NLE
Endosulfan I	20	92.48	0.0107	ND	NLE
4,4'-DDE	20	92.48	0.0085	0.043	2
Dieldrin	20	92.48	0.0107	ND	0.042
Endrin	20	92.48	0.0107	ND	17
Endosulfan II	20	92.48	0.0085	ND	NLE
4,4'-DDD	20	92.48	0.0128	0.034	3
Endrin Aldehyde	20	92.48	0.0107	ND	NLE
4,4'-DDT	20	92.48	0.0235	0.158	2
Endosulfan-Sulfate	20	92.48	0.0085	ND	NLE
gamma -Chlordane	20	92.48	0.0107	ND	NLE
alpha-Chlordane	20	92.48	0.0107	ND	NLE
Toxaphene	20	92.48	0.0064	ND	0.1
Arochlor 1016	20	92.48	0.2389	ND	0.49
Arochlor 1221	20	92.48	0.4394	ND	0.49
Arochlor 1232	20	92.48	0.2986	ND	0.49
Arochlor 1242	20	92.48	0.3412	ND	0.49
Arochlor 1248	20	92.48	0.1365	ND	0.49
Arochlor 1254	20	92.48	0.0853	ND	0.49
Arochlor 1260	20	92.48	0.0768	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 # :**	4494.18
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/18/99
	Bldg. 173	**Extraction Date:**	5/21/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/9/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	193

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	**20**	**88.25**	**0.0068**	**ND**	**NLE**
beta-BHC	**20**	**88.25**	**0.0068**	**ND**	**NLE**
gamma-BHC	**20**	**88.25**	**0.0090**	**ND**	**0.52**
delta-BHC	**20**	**88.25**	**0.0090**	**ND**	**NLE**
Heptachlor	**20**	**88.25**	**0.0068**	**ND**	**0.15**
Aldrin	**20**	**88.25**	**0.0090**	**ND**	**0.04**
Heptachlor Epoxide	**20**	**88.25**	**0.0135**	**ND**	**NLE**
Endosulfan I	**20**	**88.25**	**0.0113**	**ND**	**NLE**
4,4'-DDE	**20**	**88.25**	**0.0090**	**0.027**	**2**
Dieldrin	**20**	**88.25**	**0.0113**	**ND**	**0.042**
Endrin	**20**	**88.25**	**0.0113**	**ND**	**17**
Endosulfan II	**20**	**88.25**	**0.0090**	**ND**	**NLE**
4,4'-DDD	**20**	**88.25**	**0.0135**	**0.031**	**3**
Endrin Aldehyde	**20**	**88.25**	**0.0113**	**ND**	**NLE**
4,4'-DDT	**20**	**88.25**	**0.0248**	**0.035**	**2**
Endosulfan-Sulfate	**20**	**88.25**	**0.0090**	**ND**	**NLE**
gamma -Chlordane	**20**	**88.25**	**0.0113**	**ND**	**NLE**
alpha-Chlordane	**20**	**88.25**	**0.0113**	**ND**	**NLE**
Toxaphene	**20**	**88.25**	**0.0068**	**ND**	**0.1**
Arochlor 1016	**20**	**88.25**	**0.2526**	**ND**	**0.49**
Arochlor 1221	**20**	**88.25**	**0.4645**	**ND**	**0.49**
Arochlor 1232	**20**	**88.25**	**0.3157**	**ND**	**0.49**
Arochlor 1242	**20**	**88.25**	**0.3608**	**ND**	**0.49**
Arochlor 1248	**20**	**88.25**	**0.1443**	**ND**	**0.49**
Arochlor 1254	**20**	**88.25**	**0.0902**	**ND**	**0.49**
Arochlor 1260	**20**	**88.25**	**0.0812**	**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 # :**	4494.20
	DPW. SELFM-PW-EV	**Date Rec'd:**	5/18/99
	Bldg. 173	**Extraction Date:**	5/21/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/9/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	194

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	88.26	0.0066	ND	NLE
beta-BHC	20	88.26	0.0066	ND	NLE
gamma-BHC	20	88.26	0.0088	ND	0.52
delta-BHC	20	88.26	0.0088	ND	NLE
Heptachlor	20	88.26	0.0066	ND	0.15
Aldrin	20	88.26	0.0088	ND	0.04
Heptachlor Epoxide	20	88.26	0.0132	ND	NLE
Endosulfan I	20	88.26	0.0110	ND	NLE
4,4'-DDE	20	88.26	0.0088	0.078	2
Dieldrin	20	88.26	0.0110	ND	0.042
Endrin	20	88.26	0.0110	ND	17
Endosulfan II	20	88.26	0.0088	ND	NLE
4,4'-DDD	20	88.26	0.0132	0.036	3
Endrin Aldehyde	20	88.26	0.0110	ND	NLE
4,4'-DDT	20	88.26	0.0242	0.260	2
Endosulfan-Sulfate	20	88.26	0.0088	ND	NLE
gamma -Chlordane	20	88.26	0.0110	ND	NLE
alpha-Chlordane	20	88.26	0.0110	ND	NLE
Toxaphene	20	88.26	0.0066	ND	0.1
Arochlor 1016	20	88.26	0.2469	ND	0.49
Arochlor 1221	20	88.26	0.4541	ND	0.49
Arochlor 1232	20	88.26	0.3086	ND	0.49
Arochlor 1242	20	88.26	0.3527	ND	0.49
Arochlor 1248	20	88.26	0.1411	ND	0.49
Arochlor 1254	20	88.26	0.0882	ND	0.49
Arochlor 1260	20	88.26	0.0794	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 # :**	4527.02
	DPW. SELFM-PW-EV	**Date Rec'd:**	6/1/99
	Bldg. 173	**Extraction Date:**	6/2/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/11/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	195 (6-12")

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	88.15	0.0067	ND	NLE
beta-BHC	20	88.15	0.0067	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	0.0067	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	0.0112	ND	NLE
4,4'-DDE	20	88.15	0.0090	0.022	2
Dieldrin	20	88.15	0.0112	ND	0.042
Endrin	20	88.15	0.0112	ND	17
Endosulfan II	20	88.15	0.0090	ND	NLE
4,4'-DDD	20	88.15	0.0135	0.029	3
Endrin Aldehyde	20	88.15	0.0112	ND	NLE
4,4'-DDT	20	88.15	0.0247	ND	2
Endosulfan-Sulfate	20	88.15	0.0090	ND	NLE
gamma -Chlordane	20	88.15	0.0112	ND	NLE
alpha-Chlordane	20	88.15	0.0112	ND	NLE
Toxaphene	20	88.15	0.0067	ND	0.1
Arochlor 1016	20	88.15	0.2516	ND	0.49
Arochlor 1221	20	88.15	0.4628	ND	0.49
Arochlor 1232	20	88.15	0.3145	ND	0.49
Arochlor 1242	20	88.15	0.3594	ND	0.49
Arochlor 1248	20	88.15	0.1438	ND	0.49
Arochlor 1254	20	88.15	0.0899	ND	0.49
Arochlor 1260	20	88.15	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

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4527.04
	DPW. SELFM-PW-EV	**Date Rec'd:**	6/1/99
	Bldg. 173	**Extraction Date:**	6/2/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/11/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	196 (6-12")

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	94.22	0.0063	ND	NLE
beta-BHC	20	94.22	0.0063	ND	NLE
gamma-BHC	20	94.22	0.0084	ND	0.52
delta-BHC	20	94.22	0.0084	ND	NLE
Heptachlor	20	94.22	0.0063	ND	0.15
Aldrin	20	94.22	0.0084	ND	0.04
Heptachlor Epoxide	20	94.22	0.0126	ND	NLE
Endosulfan I	20	94.22	0.0105	ND	NLE
4,4'-DDE	20	94.22	0.0084	ND	2
Dieldrin	20	94.22	0.0105	ND	0.042
Endrin	20	94.22	0.0105	ND	17
Endosulfan II	20	94.22	0.0084	ND	NLE
4,4'-DDD	20	94.22	0.0126	ND	3
Endrin Aldehyde	20	94.22	0.0105	ND	NLE
4,4'-DDT	20	94.22	0.0230	ND	2
Endosulfan-Sulfate	20	94.22	0.0084	ND	NLE
gamma -Chlordane	20	94.22	0.0105	ND	NLE
alpha-Chlordane	20	94.22	0.0105	ND	NLE
Toxaphene	20	94.22	0.0063	ND	0.1
Arochlor 1016	20	94.22	0.2345	ND	0.49
Arochlor 1221	20	94.22	0.4312	ND	0.49
Arochlor 1232	20	94.22	0.2931	ND	0.49
Arochlor 1242	20	94.22	0.3349	ND	0.49
Arochlor 1248	20	94.22	0.1340	ND	0.49
Arochlor 1254	20	94.22	0.0837	ND	0.49
Arochlor 1260	20	94.22	0.0754	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

002092

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4527.06
	DPW. SELFM-PW-EV	**Date Rec'd:**	6/1/99
	Bldg. 173	**Extraction Date:**	6/2/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/11/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	197 (6-12")

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	95.00	0.0063	ND	NLE
beta-BHC	20	95.00	0.0063	ND	NLE
gamma-BHC	20	95.00	0.0084	ND	0.52
delta-BHC	20	95.00	0.0084	ND	NLE
Heptachlor	20	95.00	0.0063	ND	0.15
Aldrin	20	95.00	0.0084	ND	0.04
Heptachlor Epoxide	20	95.00	0.0126	ND	NLE
Endosulfan I	20	95.00	0.0105	ND	NLE
4,4'-DDE	20	95.00	0.0084	0.013	2
Dieldrin	20	95.00	0.0105	ND	0.042
Endrin	20	95.00	0.0105	ND	17
Endosulfan II	20	95.00	0.0084	ND	NLE
4,4'-DDD	20	95.00	0.0126	0.054	3
Endrin Aldehyde	20	95.00	0.0105	ND	NLE
4,4'-DDT	20	95.00	0.0231	ND	2
Endosulfan-Sulfate	20	95.00	0.0084	ND	NLE
gamma -Chlordane	20	95.00	0.0105	ND	NLE
alpha-Chlordane	20	95.00	0.0105	ND	NLE
Toxaphene	20	95.00	0.0063	ND	0.1
Arochlor 1016	20	95.00	0.2356	ND	0.49
Arochlor 1221	20	95.00	0.4333	ND	0.49
Arochlor 1232	20	95.00	0.2944	ND	0.49
Arochlor 1242	20	95.00	0.3365	ND	0.49
Arochlor 1248	20	95.00	0.1346	ND	0.49
Arochlor 1254	20	95.00	0.0841	ND	0.49
Arochlor 1260	20	95.00	0.0757	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 # :**	4527.08
	DPW. SELFM-PW-EV	**Date Rec'd:**	6/1/99
	Bldg. 173	**Extraction Date:**	6/2/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/11/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	198 (6-12")

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	83.73	0.0071	ND	NLE
beta-BHC	20	83.73	0.0071	ND	NLE
gamma-BHC	20	83.73	0.0094	ND	0.52
delta-BHC	20	83.73	0.0094	ND	NLE
Heptachlor	20	83.73	0.0071	ND	0.15
Aldrin	20	83.73	0.0094	ND	0.04
Heptachlor Epoxide	20	83.73	0.0141	ND	NLE
Endosulfan I	20	83.73	0.0118	ND	NLE
4,4'-DDE	20	83.73	0.0094	0.075	2
Dieldrin	20	83.73	0.0118	ND	0.042
Endrin	20	83.73	0.0118	ND	17
Endosulfan II	20	83.73	0.0094	ND	NLE
4,4'-DDD	20	83.73	0.0141	0.074	3
Endrin Aldehyde	20	83.73	0.0118	ND	NLE
4,4'-DDT	20	83.73	0.0259	0.102	2
Endosulfan-Sulfate	20	83.73	0.0094	ND	NLE
gamma -Chlordane	20	83.73	0.0118	ND	NLE
alpha-Chlordane	20	83.73	0.0118	ND	NLE
Toxaphene	20	83.73	0.0071	ND	0.1
Arochlor 1016	20	83.73	0.2638	ND	0.49
Arochlor 1221	20	83.73	0.4853	ND	0.49
Arochlor 1232	20	83.73	0.3298	ND	0.49
Arochlor 1242	20	83.73	0.3769	ND	0.49
Arochlor 1248	20	83.73	0.1508	ND	0.49
Arochlor 1254	20	83.73	0.0942	ND	0.49
Arochlor 1260	20	83.73	0.0848	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 # :**	4527.10
	DPW. SELFM-PW-EV	**Date Rec'd:**	6/1/99
	Bldg. 173	**Extraction Date:**	6/2/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/11/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	199 (6-12")

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	83.10	0.0070	ND	NLE
beta-BHC	20	83.10	0.0070	ND	NLE
gamma-BHC	20	83.10	0.0094	ND	0.52
delta-BHC	20	83.10	0.0094	ND	NLE
Heptachlor	20	83.10	0.0070	ND	0.15
Aldrin	20	83.10	0.0094	ND	0.04
Heptachlor Epoxide	20	83.10	0.0140	ND	NLE
Endosulfan I	20	83.10	0.0117	ND	NLE
4,4'-DDE	20	83.10	0.0094	0.086	2
Dieldrin	20	83.10	0.0117	ND	0.042
Endrin	20	83.10	0.0117	ND	17
Endosulfan II	20	83.10	0.0094	ND	NLE
4,4'-DDD	20	83.10	0.0140	0.170	3
Endrin Aldehyde	20	83.10	0.0117	ND	NLE
4,4'-DDT	20	83.10	0.0258	ND	2
Endosulfan-Sulfate	20	83.10	0.0094	ND	NLE
gamma -Chlordane	20	83.10	0.0117	ND	NLE
alpha-Chlordane	20	83.10	0.0117	ND	NLE
Toxaphene	20	83.10	0.0070	ND	0.1
Arochlor 1016	20	83.10	0.2622	ND	0.49
Arochlor 1221	20	83.10	0.4823	ND	0.49
Arochlor 1232	20	83.10	0.3278	ND	0.49
Arochlor 1242	20	83.10	0.3746	ND	0.49
Arochlor 1248	20	83.10	0.1498	ND	0.49
Arochlor 1254	20	83.10	0.0936	ND	0.49
Arochlor 1260	20	83.10	0.0843	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 # :**	4527.12
	DPW. SELFM-PW-EV	**Date Rec'd:**	6/1/99
	Bldg. 173	**Extraction Date:**	6/2/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/11/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	200 (6-12")

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	79.62	0.0074	ND	NLE
beta-BHC	20	79.62	0.0074	ND	NLE
gamma-BHC	20	79.62	0.0099	ND	0.52
delta-BHC	20	79.62	0.0099	ND	NLE
Heptachlor	20	79.62	0.0074	ND	0.15
Aldrin	20	79.62	0.0099	ND	0.04
Heptachlor Epoxide	20	79.62	0.0149	ND	NLE
Endosulfan I	20	79.62	0.0124	ND	NLE
4,4'-DDE	20	79.62	0.0099	0.183	2
Dieldrin	20	79.62	0.0124	0.021	0.042
Endrin	20	79.62	0.0124	ND	17
Endosulfan II	20	79.62	0.0099	ND	NLE
4,4'-DDD	20	79.62	0.0149	0.207	3
Endrin Aldehyde	20	79.62	0.0124	ND	NLE
4,4'-DDT	20	79.62	0.0272	0.118	2
Endosulfan-Sulfate	20	79.62	0.0099	ND	NLE
gamma -Chlordane	20	79.62	0.0124	ND	NLE
alpha-Chlordane	20	79.62	0.0124	ND	NLE
Toxaphene	20	79.62	0.0074	ND	0.1
Arochlor 1016	5	79.62	0.0694	ND	0.49
Arochlor 1221	5	79.62	0.1276	ND	0.49
Arochlor 1232	5	79.62	0.0867	ND	0.49
Arochlor 1242	5	79.62	0.0991	ND	0.49
Arochlor 1248	5	79.62	0.0396	ND	0.49
Arochlor 1254	5	79.62	0.0248	ND	0.49
Arochlor 1260	5	79.62	0.0223	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 # :**	4527.14
	DPW. SELFM-PW-EV	**Date Rec'd:**	6/1/99
	Bldg. 173	**Extraction Date:**	6/2/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/11/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	201 (6-12")

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	94.37	0.0062	ND	NLE
beta-BHC	20	94.37	0.0062	ND	NLE
gamma-BHC	20	94.37	0.0083	ND	0.52
delta-BHC	20	94.37	0.0083	ND	NLE
Heptachlor	20	94.37	0.0062	ND	0.15
Aldrin	20	94.37	0.0083	ND	0.04
Heptachlor Epoxide	20	94.37	0.0124	ND	NLE
Endosulfan I	20	94.37	0.0103	ND	NLE
4,4'-DDE	20	94.37	0.0083	ND	2
Dieldrin	20	94.37	0.0103	ND	0.042
Endrin	20	94.37	0.0103	ND	17
Endosulfan II	20	94.37	0.0083	ND	NLE
4,4'-DDD	20	94.37	0.0124	ND	3
Endrin Aldehyde	20	94.37	0.0103	ND	NLE
4,4'-DDT	20	94.37	0.0228	ND	2
Endosulfan-Sulfate	20	94.37	0.0083	ND	NLE
gamma -Chlordane	20	94.37	0.0103	ND	NLE
alpha-Chlordane	20	94.37	0.0103	ND	NLE
Toxaphene	20	94.37	0.0062	ND	0.1
Arochlor 1016	20	94.37	0.2318	ND	0.49
Arochlor 1221	20	94.37	0.4263	ND	0.49
Arochlor 1232	20	94.37	0.2898	ND	0.49
Arochlor 1242	20	94.37	0.3311	ND	0.49
Arochlor 1248	20	94.37	0.1325	ND	0.49
Arochlor 1254	20	94.37	0.0828	ND	0.49
Arochlor 1260	20	94.37	0.0745	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

002097

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4527.16
	DPW. SELFM-PW-EV	**Date Rec'd:**	6/1/99
	Bldg. 173	**Extraction Date:**	6/2/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/11/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	202 (6-12")

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	84.82	0.0070	ND	NLE
beta-BHC	20	84.82	0.0070	ND	NLE
gamma-BHC	20	84.82	0.0093	ND	0.52
delta-BHC	20	84.82	0.0093	ND	NLE
Heptachlor	20	84.82	0.0070	ND	0.15
Aldrin	20	84.82	0.0093	ND	0.04
Heptachlor Epoxide	20	84.82	0.0140	ND	NLE
Endosulfan I	20	84.82	0.0117	ND	NLE
4,4'-DDE	20	84.82	0.0093	0.080	2
Dieldrin	20	84.82	0.0117	ND	0.042
Endrin	20	84.82	0.0117	ND	17
Endosulfan II	20	84.82	0.0093	ND	NLE
4,4'-DDD	20	84.82	0.0140	0.091	3
Endrin Aldehyde	20	84.82	0.0117	ND	NLE
4,4'-DDT	20	84.82	0.0257	0.067	2
Endosulfan-Sulfate	20	84.82	0.0093	ND	NLE
gamma -Chlordane	20	84.82	0.0117	ND	NLE
alpha-Chlordane	20	84.82	0.0117	ND	NLE
Toxaphene	20	84.82	0.0070	ND	0.1
Arochlor 1016	20	84.82	0.2612	ND	0.49
Arochlor 1221	20	84.82	0.4804	ND	0.49
Arochlor 1232	20	84.82	0.3265	ND	0.49
Arochlor 1242	20	84.82	0.3732	ND	0.49
Arochlor 1248	20	84.82	0.1493	ND	0.49
Arochlor 1254	20	84.82	0.0933	ND	0.49
Arochlor 1260	20	84.82	0.0840	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 # :**	4527.18
	DPW. SELFM-PW-EV	**Date Rec'd:**	6/1/99
	Bldg. 173	**Extraction Date:**	6/2/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/11/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	203 (6-12")

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	**20**	**90.61**	**0.0065**	**ND**	**NLE**
beta-BHC	**20**	**90.61**	**0.0065**	**ND**	**NLE**
gamma-BHC	**20**	**90.61**	**0.0087**	**ND**	**0.52**
delta-BHC	**20**	**90.61**	**0.0087**	**ND**	**NLE**
Heptachlor	**20**	**90.61**	**0.0065**	**ND**	**0.15**
Aldrin	**20**	**90.61**	**0.0087**	**ND**	**0.04**
Heptachlor Epoxide	**20**	**90.61**	**0.0130**	**ND**	**NLE**
Endosulfan I	**20**	**90.61**	**0.0109**	**ND**	**NLE**
4,4'-DDE	**20**	**90.61**	**0.0087**	**0.234**	**2**
Dieldrin	**20**	**90.61**	**0.0109**	**ND**	**0.042**
Endrin	**20**	**90.61**	**0.0109**	**ND**	**17**
Endosulfan II	**20**	**90.61**	**0.0087**	**ND**	**NLE**
4,4'-DDD	**20**	**90.61**	**0.0130**	**0.348**	**3**
Endrin Aldehyde	**20**	**90.61**	**0.0109**	**ND**	**NLE**
4,4'-DDT	**20**	**90.61**	**0.0239**	**0.233**	**2**
Endosulfan-Sulfate	**20**	**90.61**	**0.0087**	**ND**	**NLE**
gamma -Chlordane	**20**	**90.61**	**0.0109**	**ND**	**NLE**
alpha-Chlordane	**20**	**90.61**	**0.0109**	**ND**	**NLE**
Toxaphene	**20**	**90.61**	**0.0065**	**ND**	**0.1**
Arochlor 1016	**20**	**90.61**	**0.2436**	**ND**	**0.49**
Arochlor 1221	**20**	**90.61**	**0.4480**	**ND**	**0.49**
Arochlor 1232	**20**	**90.61**	**0.3044**	**ND**	**0.49**
Arochlor 1242	**20**	**90.61**	**0.3479**	**ND**	**0.49**
Arochlor 1248	**20**	**90.61**	**0.1392**	**ND**	**0.49**
Arochlor 1254	**20**	**90.61**	**0.0870**	**ND**	**0.49**
Arochlor 1260	**20**	**90.61**	**0.0783**	**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 # :**	4530.02
	DPW. SELFM-PW-EV	**Date Rec'd:**	6/2/99
	Bldg. 173	**Extraction Date:**	6/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/25/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	204

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	92.89	0.0060	ND	NLE
beta-BHC	20	92.89	0.0060	ND	NLE
gamma-BHC	20	92.89	0.0080	ND	0.52
delta-BHC	20	92.89	0.0080	ND	NLE
Heptachlor	20	92.89	0.0060	ND	0.15
Aldrin	20	92.89	0.0080	ND	0.04
Heptachlor Epoxide	20	92.89	0.0120	ND	NLE
Endosulfan I	20	92.89	0.0100	ND	NLE
4,4'-DDE	20	92.89	0.0080	0.023	2
Dieldrin	20	92.89	0.0100	0.020	0.042
Endrin	20	92.89	0.0100	ND	17
Endosulfan II	20	92.89	0.0080	ND	NLE
4,4'-DDD	20	92.89	0.0120	0.101	3
Endrin Aldehyde	20	92.89	0.0100	ND	NLE
4,4'-DDT	20	92.89	0.0220	0.027	2
Endosulfan-Sulfate	20	92.89	0.0080	ND	NLE
gamma -Chlordane	20	92.89	0.0100	ND	NLE
alpha-Chlordane	20	92.89	0.0100	ND	NLE
Toxaphene	20	92.89	0.0060	ND	0.1
Arochlor 1016	20	92.89	0.2239	ND	0.49
Arochlor 1221	20	92.89	0.4118	ND	0.49
Arochlor 1232	20	92.89	0.2799	ND	0.49
Arochlor 1242	20	92.89	0.3199	ND	0.49
Arochlor 1248	20	92.89	0.1279	ND	0.49
Arochlor 1254	20	92.89	0.0800	ND	0.49
Arochlor 1260	20	92.89	0.0720	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 # :**	4530.04
	DPW. SELFM-PW-EV	**Date Rec'd:**	6/2/99
	Bldg. 173	**Extraction Date:**	6/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/25/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	205

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	90.97	0.0063	ND	NLE
beta-BHC	20	90.97	0.0063	ND	NLE
gamma-BHC	20	90.97	0.0084	ND	0.52
delta-BHC	20	90.97	0.0084	ND	NLE
Heptachlor	20	90.97	0.0063	ND	0.15
Aldrin	20	90.97	0.0084	ND	0.04
Heptachlor Epoxide	20	90.97	0.0125	ND	NLE
Endosulfan I	20	90.97	0.0104	ND	NLE
4,4'-DDE	20	90.97	0.0084	0.094	2
Dieldrin	20	90.97	0.0104	0.013	0.042
Endrin	20	90.97	0.0104	ND	17
Endosulfan II	20	90.97	0.0084	ND	NLE
4,4'-DDD	20	90.97	0.0125	0.077	3
Endrin Aldehyde	20	90.97	0.0104	ND	NLE
4,4'-DDT	20	90.97	0.0230	0.055	2
Endosulfan-Sulfate	20	90.97	0.0084	ND	NLE
gamma -Chlordane	20	90.97	0.0104	ND	NLE
alpha-Chlordane	20	90.97	0.0104	ND	NLE
Toxaphene	20	90.97	0.0063	ND	0.1
Arochlor 1016	20	90.97	0.2338	ND	0.49
Arochlor 1221	20	90.97	0.4301	ND	0.49
Arochlor 1232	20	90.97	0.2923	ND	0.49
Arochlor 1242	20	90.97	0.3341	ND	0.49
Arochlor 1248	20	90.97	0.1336	ND	0.49
Arochlor 1254	20	90.97	0.0835	ND	0.49
Arochlor 1260	20	90.97	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

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4530.06
	DPW. SELFM-PW-EV	**Date Rec'd:**	6/2/99
	Bldg. 173	**Extraction Date:**	6/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/25/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	206

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	91.13	0.0063	ND	NLE
beta-BHC	20	91.13	0.0063	ND	NLE
gamma-BHC	20	91.13	0.0084	ND	0.52
delta-BHC	20	91.13	0.0084	ND	NLE
Heptachlor	20	91.13	0.0063	ND	0.15
Aldrin	20	91.13	0.0084	ND	0.04
Heptachlor Epoxide	20	91.13	0.0126	ND	NLE
Endosulfan I	20	91.13	0.0105	ND	NLE
4,4'-DDE	20	91.13	0.0084	0.117	2
Dieldrin	20	91.13	0.0105	ND	0.042
Endrin	20	91.13	0.0105	ND	17
Endosulfan II	20	91.13	0.0084	ND	NLE
4,4'-DDD	20	91.13	0.0126	0.030	3
Endrin Aldehyde	20	91.13	0.0105	ND	NLE
4,4'-DDT	20	91.13	0.0232	0.214	2
Endosulfan-Sulfate	20	91.13	0.0084	ND	NLE
gamma -Chlordane	20	91.13	0.0105	ND	NLE
alpha-Chlordane	20	91.13	0.0105	ND	NLE
Toxaphene	20	91.13	0.0063	ND	0.1
Arochlor 1016	20	91.13	0.2359	ND	0.49
Arochlor 1221	20	91.13	0.4339	ND	0.49
Arochlor 1232	20	91.13	0.2949	ND	0.49
Arochlor 1242	20	91.13	0.3370	ND	0.49
Arochlor 1248	20	91.13	0.1348	ND	0.49
Arochlor 1254	20	91.13	0.0842	ND	0.49
Arochlor 1260	20	91.13	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

002102

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4530.08
	DPW. SELFM-PW-EV	**Date Rec'd:**	6/2/99
	Bldg. 173	**Extraction Date:**	6/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/25/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	207

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	90.00	0.0062	ND	NLE
beta-BHC	20	90.00	0.0062	ND	NLE
gamma-BHC	20	90.00	0.0082	ND	0.52
delta-BHC	20	90.00	0.0082	ND	NLE
Heptachlor	20	90.00	0.0062	ND	0.15
Aldrin	20	90.00	0.0082	ND	0.04
Heptachlor Epoxide	20	90.00	0.0124	ND	NLE
Endosulfan I	20	90.00	0.0103	ND	NLE
4,4'-DDE	20	90.00	0.0082	0.077	2
Dieldrin	20	90.00	0.0103	ND	0.042
Endrin	20	90.00	0.0103	ND	17
Endosulfan II	20	90.00	0.0082	ND	NLE
4,4'-DDD	20	90.00	0.0124	0.026	3
Endrin Aldehyde	20	90.00	0.0103	ND	NLE
4,4'-DDT	20	90.00	0.0227	0.105	2
Endosulfan-Sulfate	20	90.00	0.0082	ND	NLE
gamma -Chlordane	20	90.00	0.0103	ND	NLE
alpha-Chlordane	20	90.00	0.0103	ND	NLE
Toxaphene	20	90.00	0.0062	ND	0.1
Arochlor 1016	20	90.00	0.2307	ND	0.49
Arochlor 1221	20	90.00	0.4243	ND	0.49
Arochlor 1232	20	90.00	0.2883	ND	0.49
Arochlor 1242	20	90.00	0.3295	ND	0.49
Arochlor 1248	20	90.00	0.1318	ND	0.49
Arochlor 1254	20	90.00	0.0824	ND	0.49
Arochlor 1260	20	90.00	0.0741	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

002103

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4530.10
	DPW. SELFM-PW-EV	**Date Rec'd:**	6/2/99
	Bldg. 173	**Extraction Date:**	6/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/25/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	208

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	20	93.90	0.0061	ND	NLE
beta-BHC	20	93.90	0.0061	ND	NLE
gamma-BHC	20	93.90	0.0081	ND	0.52
delta-BHC	20	93.90	0.0081	ND	NLE
Heptachlor	20	93.90	0.0061	ND	0.15
Aldrin	20	93.90	0.0081	ND	0.04
Heptachlor Epoxide	20	93.90	0.0121	ND	NLE
Endosulfan I	20	93.90	0.0101	ND	NLE
4,4'-DDE	20	93.90	0.0081	0.012	2
Dieldrin	20	93.90	0.0101	ND	0.042
Endrin	20	93.90	0.0101	ND	17
Endosulfan II	20	93.90	0.0081	ND	NLE
4,4'-DDD	20	93.90	0.0121	0.015	3
Endrin Aldehyde	20	93.90	0.0101	ND	NLE
4,4'-DDT	20	93.90	0.0222	ND	2
Endosulfan-Sulfate	20	93.90	0.0081	ND	NLE
gamma -Chlordane	20	93.90	0.0101	ND	NLE
alpha-Chlordane	20	93.90	0.0101	ND	NLE
Toxaphene	20	93.90	0.0061	ND	0.1
Arochlor 1016	20	93.90	0.2263	ND	0.49
Arochlor 1221	20	93.90	0.4163	ND	0.49
Arochlor 1232	20	93.90	0.2829	ND	0.49
Arochlor 1242	20	93.90	0.3233	ND	0.49
Arochlor 1248	20	93.90	0.1293	ND	0.49
Arochlor 1254	20	93.90	0.0808	ND	0.49
Arochlor 1260	20	93.90	0.0727	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 # :**	4530.12
	DPW. SELFM-PW-EV	**Date Rec'd:**	6/2/99
	Bldg. 173	**Extraction Date:**	6/16/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	7/10/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
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	86.14	0.0068	ND	NLE
beta-BHC	20	86.14	0.0068	ND	NLE
gamma-BHC	20	86.14	0.0091	ND	0.52
delta-BHC	20	86.14	0.0091	ND	NLE
Heptachlor	20	86.14	0.0068	ND	0.15
Aldrin	20	86.14	0.0091	ND	0.04
Heptachlor Epoxide	20	86.14	0.0136	ND	NLE
Endosulfan I	20	86.14	0.0114	ND	NLE
4,4'-DDE	20	86.14	0.0091	0.070	2
Dieldrin	20	86.14	0.0114	ND	0.042
Endrin	20	86.14	0.0114	ND	17
Endosulfan II	20	86.14	0.0091	ND	NLE
4,4'-DDD	20	86.14	0.0136	0.114	3
Endrin Aldehyde	20	86.14	0.0114	ND	NLE
4,4'-DDT	20	86.14	0.0250	0.037	2
Endosulfan-Sulfate	20	86.14	0.0091	ND	NLE
gamma -Chlordane	20	86.14	0.0114	ND	NLE
alpha-Chlordane	20	86.14	0.0114	ND	NLE
Toxaphene	20	86.14	0.0068	ND	0.1
Arochlor 1016	20	86.14	0.2547	ND	0.49
Arochlor 1221	20	86.14	0.4685	ND	0.49
Arochlor 1232	20	86.14	0.3184	ND	0.49
Arochlor 1242	20	86.14	0.3638	ND	0.49
Arochlor 1248	20	86.14	0.1455	ND	0.49
Arochlor 1254	20	86.14	0.0910	ND	0.49
Arochlor 1260	20	86.14	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 # :**	4530.14
	DPW. SELFM-PW-EV	**Date Rec'd:**	6/2/99
	Bldg. 173	**Extraction Date:**	6/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/25/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
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	87.17	0.0067	ND	NLE
beta-BHC	20	87.17	0.0067	ND	NLE
gamma-BHC	20	87.17	0.0089	ND	0.52
delta-BHC	20	87.17	0.0089	ND	NLE
Heptachlor	20	87.17	0.0067	ND	0.15
Aldrin	20	87.17	0.0089	ND	0.04
Heptachlor Epoxide	20	87.17	0.0133	ND	NLE
Endosulfan I	20	87.17	0.0111	ND	NLE
4,4'-DDE	20	87.17	0.0089	0.057	2
Dieldrin	20	87.17	0.0111	ND	0.042
Endrin	20	87.17	0.0111	ND	17
Endosulfan II	20	87.17	0.0089	ND	NLE
4,4'-DDD	20	87.17	0.0133	0.071	3
Endrin Aldehyde	20	87.17	0.0111	ND	NLE
4,4'-DDT	20	87.17	0.0244	0.037	2
Endosulfan-Sulfate	20	87.17	0.0089	ND	NLE
gamma -Chlordane	20	87.17	0.0111	ND	NLE
alpha-Chlordane	20	87.17	0.0111	ND	NLE
Toxaphene	20	87.17	0.0067	ND	0.1
Arochlor 1016	20	87.17	0.2485	ND	0.49
Arochlor 1221	20	87.17	0.4571	ND	0.49
Arochlor 1232	20	87.17	0.3106	ND	0.49
Arochlor 1242	20	87.17	0.3550	ND	0.49
Arochlor 1248	20	87.17	0.1420	ND	0.49
Arochlor 1254	20	87.17	0.0888	ND	0.49
Arochlor 1260	20	87.17	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 # :**	4530.16
	DPW. SELFM-PW-EV	**Date Rec'd:**	6/2/99
	Bldg. 173	**Extraction Date:**	6/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/25/99
Analysis:	SW-846 Method 8081/8082	**Location :**	M-2
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	83.04	0.0072	ND	NLE
beta-BHC	20	83.04	0.0072	ND	NLE
gamma-BHC	20	83.04	0.0096	ND	0.52
delta-BHC	20	83.04	0.0096	ND	NLE
Heptachlor	20	83.04	0.0072	ND	0.15
Aldrin	20	83.04	0.0096	ND	0.04
Heptachlor Epoxide	20	83.04	0.0144	ND	NLE
Endosulfan I	20	83.04	0.0120	ND	NLE
4,4'-DDE	20	83.04	0.0096	0.058	2
Dieldrin	20	83.04	0.0120	ND	0.042
Endrin	20	83.04	0.0120	ND	17
Endosulfan II	20	83.04	0.0096	ND	NLE
4,4'-DDD	20	83.04	0.0144	0.043	3
Endrin Aldehyde	20	83.04	0.0120	ND	NLE
4,4'-DDT	20	83.04	0.0264	0.086	2
Endosulfan-Sulfate	20	83.04	0.0096	ND	NLE
gamma -Chlordane	20	83.04	0.0120	ND	NLE
alpha-Chlordane	20	83.04	0.0120	ND	NLE
Toxaphene	20	83.04	0.0072	ND	0.1
Arochlor 1016	20	83.04	0.2684	ND	0.49
Arochlor 1221	20	83.04	0.4937	ND	0.49
Arochlor 1232	20	83.04	0.3355	ND	0.49
Arochlor 1242	20	83.04	0.3834	ND	0.49
Arochlor 1248	20	83.04	0.1534	ND	0.49
Arochlor 1254	20	83.04	0.0959	ND	0.49
Arochlor 1260	20	83.04	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

002107

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 #: 4295
Sample Prepared: 02/24/99

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: Method Blank

TAL-METALS RESULTS SUMMARY (mg/L)

Element	Date of Analysis	Result	MDL
Aluminum	03/02/99	0.022	0.01
Antimony	03/02/99	0.006	0.002
Arsenic	03/02/99	0.003	0.002
Barium	03/02/99	0.0019	0.0005
Beryllium	03/02/99	ND	0.0005
Cadmium	03/02/99	0.0023	0.0005
Calcium	03/02/99	0.223	0.02
Chromium	03/02/99	0.0013	0.0005
Cobalt	03/02/99	ND	0.0005
Copper	03/02/99	0.007	0.003
Iron	03/02/99	0.080	0.01
Lead	03/02/99	0.002	0.002
Magnesium	03/02/99	0.104	0.02
Manganese	03/02/99	0.0097	0.0005
Mercury	03/09/99	ND	0.0001
Nickel	03/02/99	0.0024	0.0005
Potassium	03/02/99	0.105	0.02
Selenium	03/02/99	ND	0.002
Silver	03/02/99	ND	0.003
Sodium	03/02/99	0.345	0.02
Thallium	03/02/99	ND	0.003
Vanadium	03/02/99	ND	0.001
Zinc	03/02/99	0.017	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 #: 4298
Sample Prepared: 03/17/99

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: Method Blank

TAL-METALS RESULTS SUMMARY (mg/L)

Element	Date of Analysis	Result	MDL
Aluminum	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	03/09/99	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 #: 4356
Sample Prepared: 03/31/99

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: Method Blank

TAL-METALS RESULTS SUMMARY (mg/L)

Element	Date of Analysis	Result	MDL
Aluminum	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	04/01/99	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 #: 4380
Sample Prepared: 04/07/99

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: Method Blank

TAL-METALS RESULTS SUMMARY (mg/L)

Element	Date of Analysis	Result	MDL
Aluminum	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	04/01/99	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 #: 4395
Sample Prepared: 04/13/99

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: Method Blank

TAL-METALS RESULTS SUMMARY (mg/L)

Element	Date of Analysis	Result	MDL
Aluminum	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	04/08/99	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 #: 4415
Sample Prepared: 04/14/99

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: Method Blank

TAL-METALS RESULTS SUMMARY (mg/L)

Element	Date of Analysis	Result	MDL
Aluminum	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	04/23/99	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 #: 4415
Sample Prepared: 05/05/99

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: Method Blank

TAL-METALS RESULTS SUMMARY (mg/L)

Element	Date of Analysis	Result	MDL
Aluminum	05/11/99	0.068	0.01
Antimony	05/11/99	ND	0.002
Arsenic	05/11/99	ND	0.002
Barium	05/11/99	0.0007	0.0005
Beryllium	05/11/99	ND	0.0005
Cadmium	05/11/99	0.0016	0.0005
Calcium	05/11/99	0.225	0.02
Chromium	05/11/99	0.0020	0.0005
Cobalt	05/11/99	ND	0.0005
Copper	05/11/99	0.007	0.003
Iron	05/11/99	0.075	0.01
Lead	05/11/99	ND	0.002
Magnesium	05/11/99	0.145	0.02
Manganese	05/11/99	ND	0.0005
Mercury	04/23/99	ND	0.0001
Nickel	05/11/99	0.0035	0.0005
Potassium	05/11/99	0.328	0.02
Selenium	05/11/99	ND	0.002
Silver	05/11/99	ND	0.003
Sodium	05/11/99	0.235	0.02
Thallium	05/11/99	ND	0.003
Vanadium	05/11/99	ND	0.001
Zinc	05/11/99	0.048	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 #: 4446
Sample Prepared: 05/10/99

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: Method Blank

TAL-METALS RESULTS SUMMARY (mg/L)

Element	Date of Analysis	Result	MDL
Aluminum	05/11/99	0.068	0.01
Antimony	05/11/99	ND	0.002
Arsenic	05/11/99	ND	0.002
Barium	05/11/99	0.0007	0.0005
Beryllium	05/11/99	ND	0.0005
Cadmium	05/11/99	0.0016	0.0005
Calcium	05/11/99	0.225	0.02
Chromium	05/11/99	0.0020	0.0005
Cobalt	05/11/99	ND	0.0005
Copper	05/11/99	0.007	0.003
Iron	05/11/99	0.075	0.01
Lead	05/11/99	ND	0.002
Magnesium	05/11/99	0.145	0.02
Manganese	05/11/99	ND	0.0005
Mercury	05/07/99	ND	0.0001
Nickel	05/11/99	0.0035	0.0005
Potassium	05/11/99	0.328	0.02
Selenium	05/11/99	ND	0.002
Silver	05/11/99	ND	0.003
Sodium	05/11/99	0.235	0.02
Thallium	05/11/99	ND	0.003
Vanadium	05/11/99	ND	0.001
Zinc	05/11/99	0.048	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 #: 4462
Sample Prepared: 05/10/99

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: Method Blank

TAL-METALS RESULTS SUMMARY (mg/L)

Element	Date of Analysis	Result	MDL
Aluminum	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	05/07/99	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 #: 4472
Sample Prepared: 06/08/99

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: Method Blank

TAL-METALS RESULTS SUMMARY (mg/L)

Element	Date of Analysis	Result	MDL
Aluminum	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 #: 4475
Sample Prepared: 06/09/99

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: Method Blank

TAL-METALS RESULTS SUMMARY (mg/L)

Element	Date of Analysis	Result	MDL
Aluminum	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	06/09/99	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 #: 4491
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	06/10/99	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 #: 4356.16
Sample Received: 03/17/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: Field Dup

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/01/99	11300	NLE	2.446
Antimony	04/01/99	ND	14	0.489
Arsenic	04/01/99	8.88	20	0.489
Barium	04/01/99	57.8	700	0.122
Beryllium	04/01/99	1.27	1	0.122
Cadmium	04/01/99	ND	1	0.122
Calcium	04/01/99	736	NLE	4.891
Chromium	04/01/99	128	NLE	0.122
Cobalt	04/01/99	1.27	NLE	0.122
Copper	04/01/99	7.39	600	0.734
Iron	04/01/99	29000	NLE	2.446
Lead	04/01/99	28.6	400	0.489
Magnesium	04/01/99	3250	NLE	4.891
Manganese	04/01/99	26.0	NLE	0.122
Mercury	04/01/99	0.049	14	0.024
Nickel	04/01/99	5.47	250	0.122
Potassium	04/01/99	7390	NLE	4.891
Selenium	04/01/99	1.15	63	0.734
Silver	04/01/99	ND	110	0.734
Sodium	04/01/99	107	NLE	4.891
Thallium	04/01/99	ND	2	0.734
Vanadium	04/01/99	56.6	370	0.245
Zinc	04/01/99	47.1	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 #: 4406.08
Sample Received: 04/09/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: Field Dupe

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/20/99	11300	NLE	1.962
Antimony	04/20/99	ND	14	0.392
Arsenic	04/20/99	10.4	20	0.392
Barium	04/20/99	35.3	700	0.098
Beryllium	04/20/99	0.975	1	0.098
Cadmium	04/20/99	ND	1	0.098
Calcium	04/20/99	1250	NLE	3.925
Chromium	04/20/99	86.3	NLE	0.098
Cobalt	04/20/99	2.82	NLE	0.098
Copper	04/20/99	12.1	600	0.589
Iron	04/20/99	36100	NLE	1.962
Lead	04/20/99	22.1	400	0.392
Magnesium	04/20/99	2390	NLE	3.925
Manganese	04/20/99	94.4	NLE	0.098
Mercury	04/13/99	0.075	14	0.023
Nickel	04/20/99	9.28	250	0.098
Potassium	04/20/99	5080	NLE	3.925
Selenium	04/20/99	ND	63	0.589
Silver	04/20/99	ND	110	0.589
Sodium	04/20/99	133	NLE	3.925
Thallium	04/20/99	ND	2	0.589
Vanadium	04/20/99	77.3	370	0.196
Zinc	04/20/99	90.6	1500	0.196

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4446.14
Sample Received: 04/27/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: Field Dupe

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	05/11/99	18600	NLE	2.539
Antimony	05/11/99	1.02	14	0.508
Arsenic	05/11/99	14.4	20	0.508
Barium	05/11/99	51.1	700	0.127
Beryllium	05/11/99	1.62	1	0.127
Cadmium	05/11/99	ND	1	0.127
Calcium	05/11/99	1800	NLE	5.079
Chromium	05/11/99	157	NLE	0.127
Cobalt	05/11/99	2.07	NLE	0.127
Copper	05/11/99	13.8	600	0.762
Iron	05/11/99	47700	NLE	2.539
Lead	05/11/99	22.0	400	0.508
Magnesium	05/11/99	4870	NLE	5.079
Manganese	05/11/99	78.5	NLE	0.127
Mercury	05/07/99	0.048	14	0.021
Nickel	05/11/99	10.4	250	0.127
Potassium	05/11/99	10500	NLE	5.079
Selenium	05/11/99	1.08	63	0.762
Silver	05/11/99	ND	110	0.762
Sodium	05/11/99	176	NLE	5.079
Thallium	05/11/99	ND	2	0.762
Vanadium	05/11/99	91.8	370	0.254
Zinc	05/11/99	86.5	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 #: 4466.14
Sample Received: 05/06/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: Field Dup

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	05/11/99	18100	NLE	2.291
Antimony	05/11/99	0.847	14	0.458
Arsenic	05/11/99	11.5	20	0.458
Barium	05/11/99	41.8	700	0.115
Beryllium	05/11/99	1.26	1	0.115
Cadmium	05/11/99	ND	1	0.115
Calcium	05/11/99	4270	NLE	4.583
Chromium	05/11/99	153	NLE	0.115
Cobalt	05/11/99	2.71	NLE	0.115
Copper	05/11/99	21.1	600	0.687
Iron	05/11/99	37900	NLE	2.291
Lead	05/11/99	33.6	400	0.458
Magnesium	05/11/99	4860	NLE	4.583
Manganese	05/11/99	337	NLE	0.115
Mercury	05/26/99	0.042	14	0.022
Nickel	05/11/99	9.25	250	0.115
Potassium	05/11/99	9780	NLE	4.583
Selenium	05/11/99	ND	63	0.687
Silver	05/11/99	ND	110	0.687
Sodium	05/11/99	413	NLE	4.583
Thallium	05/11/99	ND	2	0.687
Vanadium	05/11/99	69.9	370	0.229
Zinc	05/11/99	109	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 #: 4472.32
Sample Received: 05/10/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: Field Dup

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/10/99	9440	NLE	2.380
Antimony	06/10/99	0.995	14	0.476
Arsenic	06/10/99	11.1	20	0.476
Barium	06/10/99	60.4	700	0.119
Beryllium	06/10/99	1.27	1	0.119
Cadmium	06/10/99	0.455	1	0.119
Calcium	06/10/99	1820	NLE	4.761
Chromium	06/10/99	114	NLE	0.119
Cobalt	06/10/99	1.47	NLE	0.119
Copper	06/10/99	16.0	600	0.714
Iron	06/10/99	29000	NLE	2.380
Lead	06/10/99	22.0	100	0.476
Magnesium	06/10/99	3670	NLE	4.761
Manganese	06/10/99	43.7	NLE	0.119
Mercury	06/09/99	0.200	14	0.027
Nickel	06/10/99	6.79	250	0.119
Potassium	06/10/99	8460	NLE	4.761
Selenium	06/10/99	2.45	63	0.714
Silver	06/10/99	ND	110	0.714
Sodium	06/10/99	737	NLE	4.761
Thallium	06/10/99	ND	2	0.714
Vanadium	06/10/99	43.6	370	0.238
Zinc	06/10/99	86.7	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 #: 4485.28
Sample Received: 05/14/99
Sample Matrix: Soil

Site: M-2
12"
Ft. Monmouth, New Jersey

Field ID#: M-2-Field Dup, 6-

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/10/99	12600	NLE	2.701
Antimony	06/10/99	1.28	14	0.540
Arsenic	06/10/99	10.4	20	0.540
Barium	06/10/99	53.9	700	0.135
Beryllium	06/10/99	1.03	1	0.135
Cadmium	06/10/99	0.978	1	0.135
Calcium	06/10/99	3080	NLE	5.402
Chromium	06/10/99	112	NLE	0.135
Cobalt	06/10/99	3.53	NLE	0.135
Copper	06/10/99	30.0	600	0.810
Iron	06/10/99	27200	NLE	2.701
Lead	06/10/99	71.1	100	0.540
Magnesium	06/10/99	3210	NLE	5.402
Manganese	06/10/99	122	NLE	0.135
Mercury	06/10/99	1.01	14	0.029
Nickel	06/10/99	14.8	250	0.135
Potassium	06/10/99	6660	NLE	5.402
Selenium	06/10/99	1.48	63	0.810
Silver	06/10/99	2.55	110	0.810
Sodium	06/10/99	183	NLE	5.402
Thallium	06/10/99	ND	2	0.810
Vanadium	06/10/99	50.4	370	0.270
Zinc	06/10/99	154	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 #: 4530.18
Sample Received: 06/01/99
Sample Matrix: Soil

Site: M-2
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	9370	NLE	2.393
Antimony	07/14/99	0.598	14	0.479
Arsenic	07/14/99	6.49	20	0.479
Barium	07/14/99	23.3	700	0.120
Beryllium	07/14/99	0.603	1	0.120
Cadmium	07/14/99	0.631	1	0.120
Calcium	07/14/99	411	NLE	4.787
Chromium	07/14/99	49.2	NLE	0.120
Cobalt	07/14/99	2.23	NLE	0.120
Copper	07/14/99	6.96	600	0.718
Iron	07/14/99	19700	NLE	2.393
Lead	07/14/99	19.8	100	0.479
Magnesium	07/14/99	1500	NLE	4.787
Manganese	07/14/99	68.8	NLE	0.120
Mercury	06/14/99	0.211	14	0.023
Nickel	07/14/99	6.67	250	0.120
Potassium	07/14/99	2590	NLE	4.787
Selenium	07/14/99	1.26	63	0.718
Silver	07/14/99	ND	110	0.718
Sodium	07/14/99	74.7	NLE	4.787
Thallium	07/14/99	ND	2	0.718
Vanadium	07/14/99	40.8	370	0.239
Zinc	07/14/99	34.9	1500	0.239

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

SAMPLES

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4286.02
Sample Received: 02/19/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-04, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	03/02/99	8220	NLE	2.208
Antimony	03/02/99	1.10	14	0.442
Arsenic	03/02/99	8.01	20	0.442
Barium	03/02/99	29.6	700	0.110
Beryllium	03/02/99	0.871	1	0.110
Cadmium	03/02/99	0.245	1	0.110
Calcium	03/02/99	521	NLE	4.415
Chromium	03/02/99	99.3	NLE	0.110
Cobalt	03/02/99	2.10	NLE	0.110
Copper	03/02/99	41.3	600	0.662
Iron	03/02/99	26000	NLE	2.208
Lead	03/02/99	31.7	400	0.442
Magnesium	03/02/99	1930	NLE	4.415
Manganese	03/02/99	51.5	NLE	0.110
Mercury	03/09/99	1.58	14	0.026
Nickel	03/02/99	6.59	250	0.110
Potassium	03/02/99	4450	NLE	4.415
Selenium	03/02/99	1.03	63	0.662
Silver	03/02/99	ND	110	0.662
Sodium	03/02/99	171	NLE	4.415
Thallium	03/02/99	ND	2	0.662
Vanadium	03/02/99	78.9	370	0.221
Zinc	03/02/99	122	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 #: 4286.04
Sample Received: 02/19/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-05, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	03/02/99	3930	NLE	2.423
Antimony	03/02/99	1.40	14	0.485
Arsenic	03/02/99	11.2	20	0.485
Barium	03/02/99	12.9	700	0.121
Beryllium	03/02/99	0.488	1	0.121
Cadmium	03/02/99	0.525	1	0.121
Calcium	03/02/99	275	NLE	4.847
Chromium	03/02/99	69.6	NLE	0.121
Cobalt	03/02/99	2.26	NLE	0.121
Copper	03/02/99	29.6	600	0.727
Iron	03/02/99	16700	NLE	2.423
Lead	03/02/99	28.9	400	0.485
Magnesium	03/02/99	986	NLE	4.847
Manganese	03/02/99	2450	NLE	0.121
Mercury	03/09/99	0.39	14	0.024
Nickel	03/02/99	7.16	250	0.121
Potassium	03/02/99	2430	NLE	4.847
Selenium	03/02/99	1.66	63	0.727
Silver	03/02/99	ND	110	0.727
Sodium	03/02/99	80.2	NLE	4.847
Thallium	03/02/99	ND	2	0.727
Vanadium	03/02/99	51.7	370	0.242
Zinc	03/02/99	2720	1500	0.242

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4286.06
Sample Received: 02/19/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-06, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	03/02/99	14800	NLE	2.389
Antimony	03/02/99	0.941	14	0.478
Arsenic	03/02/99	12.7	20	0.478
Barium	03/02/99	46.3	700	0.119
Beryllium	03/02/99	1.49	1	0.119
Cadmium	03/02/99	0.506	1	0.119
Calcium	03/02/99	1900	NLE	4.778
Chromium	03/02/99	88.9	NLE	0.119
Cobalt	03/02/99	3.81	NLE	0.119
Copper	03/02/99	16.4	600	0.717
Iron	03/02/99	39900	NLE	2.389
Lead	03/02/99	21.1	400	0.478
Magnesium	03/02/99	3310	NLE	4.778
Manganese	03/02/99	89.5	NLE	0.119
Mercury	03/09/99	0.14	14	0.023
Nickel	03/02/99	15.1	250	0.119
Potassium	03/02/99	6950	NLE	4.778
Selenium	03/02/99	0.727	63	0.717
Silver	03/02/99	ND	110	0.717
Sodium	03/02/99	110	NLE	4.778
Thallium	03/02/99	ND	2	0.717
Vanadium	03/02/99	60.3	370	0.239
Zinc	03/02/99	242	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 #: 4295.02
Sample Received: 02/23/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-13, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	03/02/99	4850	NLE	2.149
Antimony	03/02/99	0.653	14	0.430
Arsenic	03/02/99	5.41	20	0.430
Barium	03/02/99	9.51	700	0.107
Beryllium	03/02/99	0.492	1	0.107
Cadmium	03/02/99	0.158	1	0.107
Calcium	03/02/99	212	NLE	4.298
Chromium	03/02/99	81.5	NLE	0.107
Cobalt	03/02/99	0.918	NLE	0.107
Copper	03/02/99	7.61	600	0.645
Iron	03/02/99	18800	NLE	2.149
Lead	03/02/99	8.50	400	0.430
Magnesium	03/02/99	1170	NLE	4.298
Manganese	03/02/99	14.0	NLE	0.107
Mercury	03/09/99	0.64	14	0.024
Nickel	03/02/99	3.11	250	0.107
Potassium	03/02/99	3040	NLE	4.298
Selenium	03/02/99	0.650	63	0.645
Silver	03/02/99	ND	110	0.645
Sodium	03/02/99	58.6	NLE	4.298
Thallium	03/02/99	ND	2	0.645
Vanadium	03/02/99	69.7	370	0.215
Zinc	03/02/99	42.8	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 #: 4295.04
Sample Received: 02/23/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-14, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	03/02/99	11100	NLE	2.575
Antimony	03/02/99	0.919	14	0.515
Arsenic	03/02/99	12.3	20	0.515
Barium	03/02/99	68.3	700	0.129
Beryllium	03/02/99	2.11	1	0.129
Cadmium	03/02/99	0.674	1	0.129
Calcium	03/02/99	1030	NLE	5.149
Chromium	03/02/99	106	NLE	0.129
Cobalt	03/02/99	3.72	NLE	0.129
Copper	03/02/99	35.6	600	0.772
Iron	03/02/99	34000	NLE	2.575
Lead	03/02/99	48.7	400	0.515
Magnesium	03/02/99	2650	NLE	5.149
Manganese	03/02/99	49.1	NLE	0.129
Mercury	03/09/99	0.61	14	0.025
Nickel	03/02/99	15.4	250	0.129
Potassium	03/02/99	5140	NLE	5.149
Selenium	03/02/99	1.31	63	0.772
Silver	03/02/99	ND	110	0.772
Sodium	03/02/99	76.4	NLE	5.149
Thallium	03/02/99	ND	2	0.772
Vanadium	03/02/99	58.5	370	0.257
Zinc	03/02/99	187	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 #: 4295.06
Sample Received: 02/23/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-15, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	03/02/99	17400	NLE	3.012
Antimony	03/02/99	2.04	14	0.602
Arsenic	03/02/99	22.5	20	0.602
Barium	03/02/99	198	700	0.151
Beryllium	03/02/99	2.67	1	0.151
Cadmium	03/02/99	4.17	1	0.151
Calcium	03/02/99	1830	NLE	6.024
Chromium	03/02/99	182	NLE	0.151
Cobalt	03/02/99	8.88	NLE	0.151
Copper	03/02/99	391	600	0.904
Iron	03/02/99	74600	NLE	3.012
Lead	03/02/99	187	400	0.602
Magnesium	03/02/99	4490	NLE	6.024
Manganese	03/02/99	242	NLE	0.151
Mercury	03/09/99	4.73	14	0.030
Nickel	03/02/99	32.8	250	0.151
Potassium	03/02/99	8990	NLE	6.024
Selenium	03/02/99	2.53	63	0.904
Silver	03/02/99	ND	110	0.904
Sodium	03/02/99	164	NLE	6.024
Thallium	03/02/99	ND	2	0.904
Vanadium	03/02/99	91.5	370	0.301
Zinc	03/02/99	605	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 #: 4298.02
Sample Received: 02/24/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-19, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	03/18/99	4370	NLE	2.154
Antimony	03/18/99	0.480	14	0.431
Arsenic	03/18/99	2.22	20	0.431
Barium	03/18/99	7.44	700	0.108
Beryllium	03/18/99	0.177	1	0.108
Cadmium	03/18/99	0.384	1	0.108
Calcium	03/18/99	92.4	NLE	4.307
Chromium	03/18/99	19.4	NLE	0.108
Cobalt	03/18/99	0.860	NLE	0.108
Copper	03/18/99	66.6	600	0.646
Iron	03/18/99	7890	NLE	2.154
Lead	03/18/99	4.46	400	0.431
Magnesium	03/18/99	437	NLE	4.307
Manganese	03/18/99	12.3	NLE	0.108
Mercury	03/09/99	0.09	14	0.022
Nickel	03/18/99	2.51	250	0.108
Potassium	03/18/99	849	NLE	4.307
Selenium	03/18/99	ND	63	0.646
Silver	03/18/99	ND	110	0.646
Sodium	03/18/99	146	NLE	4.307
Thallium	03/18/99	ND	2	0.646
Vanadium	03/18/99	17.9	370	0.215
Zinc	03/18/99	9.61	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 #: 4298.04
Sample Received: 02/24/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-20, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	03/18/99	5320	NLE	2.119
Antimony	03/18/99	0.527	14	0.424
Arsenic	03/18/99	3.68	20	0.424
Barium	03/18/99	12.6	700	0.106
Beryllium	03/18/99	0.394	1	0.106
Cadmium	03/18/99	0.248	1	0.106
Calcium	03/18/99	372	NLE	4.237
Chromium	03/18/99	29.7	NLE	0.106
Cobalt	03/18/99	1.08	NLE	0.106
Copper	03/18/99	69.8	600	0.636
Iron	03/18/99	12000	NLE	2.119
Lead	03/18/99	27.7	400	0.424
Magnesium	03/18/99	742	NLE	4.237
Manganese	03/18/99	13.2	NLE	0.106
Mercury	03/09/99	0.04	14	0.022
Nickel	03/18/99	3.55	250	0.106
Potassium	03/18/99	1530	NLE	4.237
Selenium	03/18/99	ND	63	0.636
Silver	03/18/99	ND	110	0.636
Sodium	03/18/99	223	NLE	4.237
Thallium	03/18/99	ND	2	0.636
Vanadium	03/18/99	23.7	370	0.212
Zinc	03/18/99	41.0	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 #: 4298.06
Sample Received: 02/24/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-21, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	03/18/99	11400	NLE	2.188
Antimony	03/18/99	0.527	14	0.438
Arsenic	03/18/99	10.8	20	0.438
Barium	03/18/99	54.3	700	0.109
Beryllium	03/18/99	1.31	1	0.109
Cadmium	03/18/99	0.181	1	0.109
Calcium	03/18/99	2050	NLE	4.377
Chromium	03/18/99	145	NLE	0.109
Cobalt	03/18/99	1.55	NLE	0.109
Copper	03/18/99	71.5	600	0.657
Iron	03/18/99	35900	NLE	2.188
Lead	03/18/99	62.4	400	0.438
Magnesium	03/18/99	4990	NLE	4.377
Manganese	03/18/99	57.4	NLE	0.109
Mercury	03/09/99	0.15	14	0.026
Nickel	03/18/99	6.69	250	0.109
Potassium	03/18/99	10600	NLE	4.377
Selenium	03/18/99	0.977	63	0.657
Silver	03/18/99	ND	110	0.657
Sodium	03/18/99	140	NLE	4.377
Thallium	03/18/99	ND	2	0.657
Vanadium	03/18/99	60.3	370	0.219
Zinc	03/18/99	140	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 #: 4298.08
Sample Received: 02/24/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-25, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	03/18/99	16300	NLE	2.395
Antimony	03/18/99	0.492	14	0.479
Arsenic	03/18/99	19.0	20	0.479
Barium	03/18/99	28.0	700	0.120
Beryllium	03/18/99	1.53	1	0.120
Cadmium	03/18/99	ND	1	0.120
Calcium	03/18/99	434	NLE	4.789
Chromium	03/18/99	153	NLE	0.120
Cobalt	03/18/99	1.86	NLE	0.120
Copper	03/18/99	72.6	600	0.718
Iron	03/18/99	42600	NLE	2.395
Lead	03/18/99	31.6	400	0.479
Magnesium	03/18/99	5230	NLE	4.789
Manganese	03/18/99	51.1	NLE	0.120
Mercury	03/09/99	0.05	14	0.025
Nickel	03/18/99	7.38	250	0.120
Potassium	03/18/99	11200	NLE	4.789
Selenium	03/18/99	1.29	63	0.718
Silver	03/18/99	ND	110	0.718
Sodium	03/18/99	155	NLE	4.789
Thallium	03/18/99	ND	2	0.718
Vanadium	03/18/99	81.9	370	0.239
Zinc	03/18/99	50.4	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 #: 4298.10
Sample Received: 02/24/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-26, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	03/18/99	9000	NLE	2.273
Antimony	03/18/99	0.555	14	0.455
Arsenic	03/18/99	10.2	20	0.455
Barium	03/18/99	45.6	700	0.114
Beryllium	03/18/99	0.954	1	0.114
Cadmium	03/18/99	505	1	0.114
Calcium	03/18/99	2680	NLE	4.547
Chromium	03/18/99	98.7	NLE	0.114
Cobalt	03/18/99	3.33	NLE	0.114
Copper	03/18/99	161	600	0.682
Iron	03/18/99	29900	NLE	2.273
Lead	03/18/99	80.1	400	0.455
Magnesium	03/18/99	4670	NLE	4.547
Manganese	03/18/99	117	NLE	0.114
Mercury	03/09/99	0.24	14	0.026
Nickel	03/18/99	9.68	250	0.114
Potassium	03/18/99	7280	NLE	4.547
Selenium	03/18/99	0.863	63	0.682
Silver	03/18/99	ND	110	0.682
Sodium	03/18/99	236	NLE	4.547
Thallium	03/18/99	ND	2	0.682
Vanadium	03/18/99	53.3	370	0.227
Zinc	03/18/99	102	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 #: 4298.12
Sample Received: 02/24/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-27, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	03/18/99	7550	NLE	2.315
Antimony	03/18/99	0.540	14	0.463
Arsenic	03/18/99	8.33	20	0.463
Barium	03/18/99	40.0	700	0.116
Beryllium	03/18/99	0.823	1	0.116
Cadmium	03/18/99	0.580	1	0.116
Calcium	03/18/99	1970	NLE	4.630
Chromium	03/18/99	76.8	NLE	0.116
Cobalt	03/18/99	1.56	NLE	0.116
Copper	03/18/99	64.2	600	0.695
Iron	03/18/99	24500	NLE	2.315
Lead	03/18/99	38.4	400	0.463
Magnesium	03/18/99	2820	NLE	4.630
Manganese	03/18/99	65.4	NLE	0.116
Mercury	03/09/99	0.13	14	0.021
Nickel	03/18/99	5.39	250	0.116
Potassium	03/18/99	5980	NLE	4.630
Selenium	03/18/99	0.982	63	0.695
Silver	03/18/99	ND	110	0.695
Sodium	03/18/99	126	NLE	4.630
Thallium	03/18/99	ND	2	0.695
Vanadium	03/18/99	41.5	370	0.232
Zinc	03/18/99	66.9	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 #: 4327.02
Sample Received: 03/08/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-31, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	03/18/99	25400	NLE	2.934
Antimony	03/18/99	2.48	14	0.587
Arsenic	03/18/99	37.7	20	0.587
Barium	03/18/99	226	700	0.147
Beryllium	03/18/99	7.22	1	0.147
Cadmium	03/18/99	11.4	1	0.147
Calcium	03/18/99	2750	NLE	5.869
Chromium	03/18/99	165	NLE	0.147
Cobalt	03/18/99	35.9	NLE	0.147
Copper	03/18/99	337	600	0.880
Iron	03/18/99	118000	NLE	2.934
Lead	03/18/99	163	400	0.587
Magnesium	03/18/99	3740	NLE	5.869
Manganese	03/18/99	775	NLE	0.147
Mercury	03/09/99	1.87	14	0.032
Nickel	03/18/99	100	250	0.147
Potassium	03/18/99	7240	NLE	5.869
Selenium	03/18/99	3.72	63	0.880
Silver	03/18/99	ND	110	0.880
Sodium	03/18/99	233	NLE	5.869
Thallium	03/18/99	ND	2	0.880
Vanadium	03/18/99	123	370	0.293
Zinc	03/18/99	683	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 #: 4327.04
Sample Received: 03/08/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-32, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	03/18/99	10400	NLE	2.169
Antimony	03/18/99	2.31	14	0.434
Arsenic	03/18/99	10.2	20	0.434
Barium	03/18/99	40.6	700	0.108
Beryllium	03/18/99	1.25	1	0.108
Cadmium	03/18/99	0.917	1	0.108
Calcium	03/18/99	1500	NLE	4.338
Chromium	03/18/99	379	NLE	0.108
Cobalt	03/18/99	2.46	NLE	0.108
Copper	03/18/99	153	600	0.651
Iron	03/18/99	25900	NLE	2.169
Lead	03/18/99	897	400	0.434
Magnesium	03/18/99	2480	NLE	4.338
Manganese	03/18/99	23.5	NLE	0.108
Mercury	03/09/99	1.07	14	0.023
Nickel	03/18/99	14.1	250	0.108
Potassium	03/18/99	5350	NLE	4.338
Selenium	03/18/99	0.704	63	0.651
Silver	03/18/99	1.15	110	0.651
Sodium	03/18/99	208	NLE	4.338
Thallium	03/18/99	ND	2	0.651
Vanadium	03/18/99	49.7	370	0.217
Zinc	03/18/99	106	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 #: 4327.06
Sample Received: 03/08/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-33, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	03/18/99	13000	NLE	2.540
Antimony	03/18/99	ND	14	0.508
Arsenic	03/18/99	16.3	20	0.508
Barium	03/18/99	73.1	700	0.127
Beryllium	03/18/99	1.85	1	0.127
Cadmium	03/18/99	ND	1	0.127
Calcium	03/18/99	958	NLE	5.079
Chromium	03/18/99	228	NLE	0.127
Cobalt	03/18/99	0.948	NLE	0.127
Copper	03/18/99	66.5	600	0.762
Iron	03/18/99	51200	NLE	2.540
Lead	03/18/99	20.6	400	0.508
Magnesium	03/18/99	7330	NLE	5.079
Manganese	03/18/99	24.7	NLE	0.127
Mercury	03/09/99	0.04	14	0.023
Nickel	03/18/99	4.79	250	0.127
Potassium	03/18/99	17800	NLE	5.079
Selenium	03/18/99	1.40	63	0.762
Silver	03/18/99	ND	110	0.762
Sodium	03/18/99	128	NLE	5.079
Thallium	03/18/99	ND	2	0.762
Vanadium	03/18/99	82.4	370	0.254
Zinc	03/18/99	72.6	1500	0.254

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4331.02
Sample Received: 03/09/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-34, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	03/18/99	9360	NLE	2.206
Antimony	03/18/99	ND	14	0.441
Arsenic	03/18/99	11.0	20	0.441
Barium	03/18/99	109	700	0.110
Beryllium	03/18/99	1.42	1	0.110
Cadmium	03/18/99	ND	1	0.110
Calcium	03/18/99	1320	NLE	4.412
Chromium	03/18/99	156	NLE	0.110
Cobalt	03/18/99	1.20	NLE	0.110
Copper	03/18/99	48.2	600	0.662
Iron	03/18/99	34500	NLE	2.206
Lead	03/18/99	9.81	400	0.441
Magnesium	03/18/99	4770	NLE	4.412
Manganese	03/18/99	28.5	NLE	0.110
Mercury	03/18/99	0.04	14	0.023
Nickel	03/18/99	5.19	250	0.110
Potassium	03/18/99	11200	NLE	4.412
Selenium	03/18/99	1.09	63	0.662
Silver	03/18/99	ND	110	0.662
Sodium	03/18/99	141	NLE	4.412
Thallium	03/18/99	ND	2	0.662
Vanadium	03/18/99	51.7	370	0.221
Zinc	03/18/99	65.4	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 #: 4331.04
Sample Received: 03/09/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-35, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	03/18/99	7460	NLE	2.032
Antimony	03/18/99	ND	14	0.406
Arsenic	03/18/99	7.62	20	0.406
Barium	03/18/99	22.2	700	0.102
Beryllium	03/18/99	0.649	1	0.102
Cadmium	03/18/99	0.207	1	0.102
Calcium	03/18/99	885	NLE	4.063
Chromium	03/18/99	66.1	NLE	0.102
Cobalt	03/18/99	1.45	NLE	0.102
Copper	03/18/99	44.0	600	0.609
Iron	03/18/99	18900	NLE	2.032
Lead	03/18/99	18.6	400	0.406
Magnesium	03/18/99	1700	NLE	4.063
Manganese	03/18/99	41.9	NLE	0.102
Mercury	03/18/99	0.09	14	0.021
Nickel	03/18/99	5.08	250	0.102
Potassium	03/18/99	4040	NLE	4.063
Selenium	03/18/99	ND	63	0.609
Silver	03/18/99	ND	110	0.609
Sodium	03/18/99	194	NLE	4.063
Thallium	03/18/99	ND	2	0.609
Vanadium	03/18/99	51.2	370	0.203
Zinc	03/18/99	44.6	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 #: 4331.06
Sample Received: 03/09/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-36, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	03/18/99	4470	NLE	2.249
Antimony	03/18/99	0.698	14	0.450
Arsenic	03/18/99	5.81	20	0.450
Barium	03/18/99	15.8	700	0.112
Beryllium	03/18/99	0.366	1	0.112
Cadmium	03/18/99	0.322	1	0.112
Calcium	03/18/99	767	NLE	4.499
Chromium	03/18/99	40.7	NLE	0.112
Cobalt	03/18/99	1.13	NLE	0.112
Copper	03/18/99	45.6	600	0.675
Iron	03/18/99	13400	NLE	2.249
Lead	03/18/99	16.4	400	0.450
Magnesium	03/18/99	726	NLE	4.499
Manganese	03/18/99	21.2	NLE	0.112
Mercury	03/18/99	0.05	14	0.018
Nickel	03/18/99	4.57	250	0.112
Potassium	03/18/99	1450	NLE	4.499
Selenium	03/18/99	ND	63	0.675
Silver	03/18/99	ND	110	0.675
Sodium	03/18/99	96.8	NLE	4.499
Thallium	03/18/99	ND	2	0.675
Vanadium	03/18/99	37.5	370	0.225
Zinc	03/18/99	38.2	1500	0.225

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4331.08
Sample Received: 03/09/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-37, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	03/18/99	5850	NLE	2.602
Antimony	03/18/99	0.571	14	0.520
Arsenic	03/18/99	4.30	20	0.520
Barium	03/18/99	22.1	700	0.130
Beryllium	03/18/99	0.504	1	0.130
Cadmium	03/18/99	4.97	1	0.130
Calcium	03/18/99	461	NLE	5.204
Chromium	03/18/99	49.7	NLE	0.130
Cobalt	03/18/99	1.09	NLE	0.130
Copper	03/18/99	43.2	600	0.781
Iron	03/18/99	14400	NLE	2.602
Lead	03/18/99	3.88	400	0.520
Magnesium	03/18/99	1520	NLE	5.204
Manganese	03/18/99	20.1	NLE	0.130
Mercury	03/18/99	0.04	14	0.028
Nickel	03/18/99	3.04	250	0.130
Potassium	03/18/99	3400	NLE	5.204
Selenium	03/18/99	ND	63	0.781
Silver	03/18/99	ND	110	0.781
Sodium	03/18/99	75.9	NLE	5.204
Thallium	03/18/99	ND	2	0.781
Vanadium	03/18/99	28.7	370	0.260
Zinc	03/18/99	20.8	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 #: 4335.02
Sample Received: 03/10/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-38, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	03/18/99	9820	NLE	2.338
Antimony	03/18/99	ND	14	0.468
Arsenic	03/18/99	11.4	20	0.468
Barium	03/18/99	54.1	700	0.117
Beryllium	03/18/99	1.31	1	0.117
Cadmium	03/18/99	26.3	1	0.117
Calcium	03/18/99	1050	NLE	4.676
Chromium	03/18/99	132	NLE	0.117
Cobalt	03/18/99	1.31	NLE	0.117
Copper	03/18/99	54.8	600	0.701
Iron	03/18/99	30800	NLE	2.338
Lead	03/18/99	17.3	400	0.468
Magnesium	03/18/99	3950	NLE	4.676
Manganese	03/18/99	32.5	NLE	0.117
Mercury	03/18/99	0.08	14	0.026
Nickel	03/18/99	4.87	250	0.117
Potassium	03/18/99	9150	NLE	4.676
Selenium	03/18/99	1.13	63	0.701
Silver	03/18/99	ND	110	0.701
Sodium	03/18/99	124	NLE	4.676
Thallium	03/18/99	ND	2	0.701
Vanadium	03/18/99	58.6	370	0.234
Zinc	03/18/99	57.4	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 #: 4335.04
Sample Received: 03/10/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-39, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	03/18/99	18400	NLE	2.221
Antimony	03/18/99	ND	14	0.444
Arsenic	03/18/99	11.7	20	0.444
Barium	03/18/99	117	700	0.111
Beryllium	03/18/99	2.71	1	0.111
Cadmium	03/18/99	0.166	1	0.111
Calcium	03/18/99	1810	NLE	4.442
Chromium	03/18/99	326	NLE	0.111
Cobalt	03/18/99	0.756	NLE	0.111
Copper	03/18/99	43.6	600	0.666
Iron	03/18/99	60200	NLE	2.221
Lead	03/18/99	4.27	400	0.444
Magnesium	03/18/99	10600	NLE	4.442
Manganese	03/18/99	33.1	NLE	0.111
Mercury	03/18/99	0.03	14	0.023
Nickel	03/18/99	5.10	250	0.111
Potassium	03/18/99	25800	NLE	4.442
Selenium	03/18/99	2.01	63	0.666
Silver	03/18/99	ND	110	0.666
Sodium	03/18/99	243	NLE	4.442
Thallium	03/18/99	ND	2	0.666
Vanadium	03/18/99	116	370	0.222
Zinc	03/18/99	122	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 #: 4335.06
Sample Received: 03/10/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-40, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	03/18/99	9770	NLE	2.278
Antimony	03/18/99	ND	14	0.456
Arsenic	03/18/99	10.3	20	0.456
Barium	03/18/99	64.3	700	0.114
Beryllium	03/18/99	1.39	1	0.114
Cadmium	03/18/99	1.17	1	0.114
Calcium	03/18/99	4230	NLE	4.555
Chromium	03/18/99	143	NLE	0.114
Cobalt	03/18/99	1.73	NLE	0.114
Copper	03/18/99	45.7	600	0.683
Iron	03/18/99	31900	NLE	2.278
Lead	03/18/99	19.2	400	0.456
Magnesium	03/18/99	4410	NLE	4.555
Manganese	03/18/99	27.3	NLE	0.114
Mercury	03/18/99	0.07	14	0.019
Nickel	03/18/99	8.43	250	0.114
Potassium	03/18/99	10300	NLE	4.555
Selenium	03/18/99	1.07	63	0.683
Silver	03/18/99	ND	110	0.683
Sodium	03/18/99	188	NLE	4.555
Thallium	03/18/99	ND	2	0.683
Vanadium	03/18/99	58.4	370	0.228
Zinc	03/18/99	61.5	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 #: 4335.08
Sample Received: 03/10/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-41, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	03/18/99	8030	NLE	2.417
Antimony	03/18/99	ND	14	0.483
Arsenic	03/18/99	10.3	20	0.483
Barium	03/18/99	58.1	700	0.121
Beryllium	03/18/99	1.11	1	0.121
Cadmium	03/18/99	ND	1	0.121
Calcium	03/18/99	862	NLE	4.834
Chromium	03/18/99	125	NLE	0.121
Cobalt	03/18/99	1.45	NLE	0.121
Copper	03/18/99	41.2	600	0.725
Iron	03/18/99	31700	NLE	2.417
Lead	03/18/99	26.4	400	0.483
Magnesium	03/18/99	3860	NLE	4.834
Manganese	03/18/99	17.9	NLE	0.121
Mercury	03/18/99	0.05	14	0.023
Nickel	03/18/99	9.16	250	0.121
Potassium	03/18/99	8540	NLE	4.834
Selenium	03/18/99	1.19	63	0.725
Silver	03/18/99	ND	110	0.725
Sodium	03/18/99	124	NLE	4.834
Thallium	03/18/99	ND	2	0.725
Vanadium	03/18/99	49.8	370	0.242
Zinc	03/18/99	41.6	1500	0.242

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4335.10
Sample Received: 03/10/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-42, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	03/18/99	12200	NLE	2.372
Antimony	03/18/99	ND	14	0.474
Arsenic	03/18/99	13.5	20	0.474
Barium	03/18/99	77.8	700	0.119
Beryllium	03/18/99	1.81	1	0.119
Cadmium	03/18/99	ND	1	0.119
Calcium	03/18/99	1630	NLE	4.744
Chromium	03/18/99	191	NLE	0.119
Cobalt	03/18/99	1.72	NLE	0.119
Copper	03/18/99	46.2	600	0.712
Iron	03/18/99	44000	NLE	2.372
Lead	03/18/99	17.8	400	0.474
Magnesium	03/18/99	6130	NLE	4.744
Manganese	03/18/99	42.7	NLE	0.119
Mercury	03/18/99	0.03	14	0.026
Nickel	03/18/99	6.54	250	0.119
Potassium	03/18/99	14400	NLE	4.744
Selenium	03/18/99	1.25	63	0.712
Silver	03/18/99	ND	110	0.712
Sodium	03/18/99	176	NLE	4.744
Thallium	03/18/99	ND	2	0.712
Vanadium	03/18/99	70.6	370	0.237
Zinc	03/18/99	95.6	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 #: 4340.02
Sample Received: 03/11/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-43, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	03/18/99	12200	NLE	2.244
Antimony	03/18/99	1.34	14	0.449
Arsenic	03/18/99	7.23	20	0.449
Barium	03/18/99	34.6	700	0.112
Beryllium	03/18/99	1.73	1	0.112
Cadmium	03/18/99	ND	1	0.112
Calcium	03/18/99	1260	NLE	4.487
Chromium	03/18/99	160	NLE	0.112
Cobalt	03/18/99	1.14	NLE	0.112
Copper	03/18/99	383	600	0.673
Iron	03/18/99	36600	NLE	2.244
Lead	03/18/99	38.1	400	0.449
Magnesium	03/18/99	5030	NLE	4.487
Manganese	03/18/99	14.7	NLE	0.112
Mercury	03/18/99	0.39	14	0.023
Nickel	03/18/99	6.95	250	0.112
Potassium	03/18/99	12200	NLE	4.487
Selenium	03/18/99	ND	63	0.673
Silver	03/18/99	ND	110	0.673
Sodium	03/18/99	106	NLE	4.487
Thallium	03/18/99	ND	2	0.673
Vanadium	03/18/99	74.4	370	0.224
Zinc	03/18/99	48.7	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 #: 4340.04
Sample Received: 03/11/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-44, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	03/18/99	7990	NLE	2.358
Antimony	03/18/99	ND	14	0.472
Arsenic	03/18/99	7.93	20	0.472
Barium	03/18/99	53.0	700	0.118
Beryllium	03/18/99	1.12	1	0.118
Cadmium	03/18/99	0.300	1	0.118
Calcium	03/18/99	1280	NLE	4.717
Chromium	03/18/99	108	NLE	0.118
Cobalt	03/18/99	1.12	NLE	0.118
Copper	03/18/99	38.4	600	0.708
Iron	03/18/99	24200	NLE	2.358
Lead	03/18/99	17.6	400	0.472
Magnesium	03/18/99	3300	NLE	4.717
Manganese	03/18/99	26.5	NLE	0.118
Mercury	03/18/99	0.07	14	0.023
Nickel	03/18/99	5.24	250	0.118
Potassium	03/18/99	7630	NLE	4.717
Selenium	03/18/99	1.09	63	0.708
Silver	03/18/99	ND	110	0.708
Sodium	03/18/99	195	NLE	4.717
Thallium	03/18/99	ND	2	0.708
Vanadium	03/18/99	47.4	370	0.236
Zinc	03/18/99	62.1	1500	0.236

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4349.02
Sample Received: 03/16/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-45, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	03/18/99	11600	NLE	2.092
Antimony	03/18/99	ND	14	0.418
Arsenic	03/18/99	9.04	20	0.418
Barium	03/18/99	95.0	700	0.105
Beryllium	03/18/99	2.03	1	0.105
Cadmium	03/18/99	0.756	1	0.105
Calcium	03/18/99	1740	NLE	4.185
Chromium	03/18/99	196	NLE	0.105
Cobalt	03/18/99	1.65	NLE	0.105
Copper	03/18/99	35.6	600	0.628
Iron	03/18/99	44500	NLE	2.092
Lead	03/18/99	16.2	400	0.418
Magnesium	03/18/99	6620	NLE	4.185
Manganese	03/18/99	27.3	NLE	0.105
Mercury	03/18/99	0.22	14	0.024
Nickel	03/18/99	11.1	250	0.105
Potassium	03/18/99	15200	NLE	4.185
Selenium	03/18/99	1.70	63	0.628
Silver	03/18/99	ND	110	0.628
Sodium	03/18/99	207	NLE	4.185
Thallium	03/18/99	ND	2	0.628
Vanadium	03/18/99	85.9	370	0.209
Zinc	03/18/99	240	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 #: 4349.04
Sample Received: 03/16/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-46, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	03/18/99	8680	NLE	2.301
Antimony	03/18/99	ND	14	0.460
Arsenic	03/18/99	15.0	20	0.460
Barium	03/18/99	54.9	700	0.115
Beryllium	03/18/99	1.15	1	0.115
Cadmium	03/18/99	ND	1	0.115
Calcium	03/18/99	1040	NLE	4.603
Chromium	03/18/99	126	NLE	0.115
Cobalt	03/18/99	1.27	NLE	0.115
Copper	03/18/99	27.2	600	0.690
Iron	03/18/99	31400	NLE	2.301
Lead	03/18/99	20.0	400	0.460
Magnesium	03/18/99	3840	NLE	4.603
Manganese	03/18/99	21.4	NLE	0.115
Mercury	03/18/99	0.10	14	0.023
Nickel	03/18/99	5.35	250	0.115
Potassium	03/18/99	8900	NLE	4.603
Selenium	03/18/99	1.72	63	0.690
Silver	03/18/99	ND	110	0.690
Sodium	03/18/99	292	NLE	4.603
Thallium	03/18/99	ND	2	0.690
Vanadium	03/18/99	51.3	370	0.230
Zinc	03/18/99	49.2	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 #: 4349.06
Sample Received: 03/16/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-47, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	03/18/99	11400	NLE	2.139
Antimony	03/18/99	0.475	14	0.428
Arsenic	03/18/99	13.2	20	0.428
Barium	03/18/99	47.7	700	0.107
Beryllium	03/18/99	1.52	1	0.107
Cadmium	03/18/99	ND	1	0.107
Calcium	03/18/99	1770	NLE	4.279
Chromium	03/18/99	139	NLE	0.107
Cobalt	03/18/99	1.53	NLE	0.107
Copper	03/18/99	34.6	600	0.642
Iron	03/18/99	40400	NLE	2.139
Lead	03/18/99	16.2	400	0.428
Magnesium	03/18/99	4960	NLE	4.279
Manganese	03/18/99	29.6	NLE	0.107
Mercury	03/18/99	0.06	14	0.024
Nickel	03/18/99	7.59	250	0.107
Potassium	03/18/99	11700	NLE	4.279
Selenium	03/18/99	0.818	63	0.642
Silver	03/18/99	ND	110	0.642
Sodium	03/18/99	147	NLE	4.279
Thallium	03/18/99	ND	2	0.642
Vanadium	03/18/99	76.4	370	0.214
Zinc	03/18/99	76.8	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 #: 4349.08
Sample Received: 03/16/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-48, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	03/18/99	8380	NLE	1.971
Antimony	03/18/99	ND	14	0.394
Arsenic	03/18/99	13.9	20	0.394
Barium	03/18/99	69.6	700	0.099
Beryllium	03/18/99	1.32	1	0.099
Cadmium	03/18/99	0.431	1	0.099
Calcium	03/18/99	1570	NLE	3.942
Chromium	03/18/99	118	NLE	0.099
Cobalt	03/18/99	1.26	NLE	0.099
Copper	03/18/99	44.0	600	0.591
Iron	03/18/99	29900	NLE	1.971
Lead	03/18/99	28.3	400	0.394
Magnesium	03/18/99	3870	NLE	3.942
Manganese	03/18/99	40.3	NLE	0.099
Mercury	03/18/99	0.05	14	0.022
Nickel	03/18/99	5.70	250	0.099
Potassium	03/18/99	9240	NLE	3.942
Selenium	03/18/99	1.63	63	0.591
Silver	03/18/99	ND	110	0.591
Sodium	03/18/99	178	NLE	3.942
Thallium	03/18/99	ND	2	0.591
Vanadium	03/18/99	43.0	370	0.197
Zinc	03/18/99	82.4	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 #: 4356.02
Sample Received: 03/17/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-49, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/01/99	12500	NLE	2.655
Antimony	04/01/99	ND	14	0.531
Arsenic	04/01/99	12.4	20	0.531
Barium	04/01/99	27.1	700	0.133
Beryllium	04/01/99	1.47	1	0.133
Cadmium	04/01/99	ND	1	0.133
Calcium	04/01/99	1920	NLE	5.309
Chromium	04/01/99	163	NLE	0.133
Cobalt	04/01/99	2.29	NLE	0.133
Copper	04/01/99	11.6	600	0.796
Iron	04/01/99	37700	NLE	2.655
Lead	04/01/99	21.7	400	0.531
Magnesium	04/01/99	4610	NLE	5.309
Manganese	04/01/99	41.4	NLE	0.133
Mercury	04/01/99	0.089	14	0.030
Nickel	04/01/99	8.21	250	0.133
Potassium	04/01/99	11100	NLE	5.309
Selenium	04/01/99	2.02	63	0.796
Silver	04/01/99	ND	110	0.796
Sodium	04/01/99	253	NLE	5.309
Thallium	04/01/99	ND	2	0.796
Vanadium	04/01/99	45.2	370	0.265
Zinc	04/01/99	91.8	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 #: 4356.04
Sample Received: 03/17/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-50, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/01/99	6730	NLE	2.323
Antimony	04/01/99	ND	14	0.465
Arsenic	04/01/99	7.92	20	0.465
Barium	04/01/99	54.3	700	0.116
Beryllium	04/01/99	1.16	1	0.116
Cadmium	04/01/99	ND	1	0.116
Calcium	04/01/99	907	NLE	4.646
Chromium	04/01/99	89.3	NLE	0.116
Cobalt	04/01/99	1.01	NLE	0.116
Copper	04/01/99	6.23	600	0.697
Iron	04/01/99	23000	NLE	2.323
Lead	04/01/99	15.8	400	0.465
Magnesium	04/01/99	2530	NLE	4.646
Manganese	04/01/99	19.9	NLE	0.116
Mercury	04/01/99	0.052	14	0.026
Nickel	04/01/99	5.10	250	0.116
Potassium	04/01/99	6300	NLE	4.646
Selenium	04/01/99	1.67	63	0.697
Silver	04/01/99	ND	110	0.697
Sodium	04/01/99	97.9	NLE	4.646
Thallium	04/01/99	ND	2	0.697
Vanadium	04/01/99	30.9	370	0.232
Zinc	04/01/99	54.6	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 #: 4356.06
Sample Received: 03/17/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-51, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/01/99	7310	NLE	2.452
Antimony	04/01/99	ND	14	0.490
Arsenic	04/01/99	10.4	20	0.490
Barium	04/01/99	67.3	700	0.123
Beryllium	04/01/99	1.19	1	0.123
Cadmium	04/01/99	ND	1	0.123
Calcium	04/01/99	1130	NLE	4.903
Chromium	04/01/99	101	NLE	0.123
Cobalt	04/01/99	1.17	NLE	0.123
Copper	04/01/99	7.88	600	0.736
Iron	04/01/99	24900	NLE	2.452
Lead	04/01/99	18.1	400	0.490
Magnesium	04/01/99	2480	NLE	4.903
Manganese	04/01/99	20.1	NLE	0.123
Mercury	04/01/99	0.026	14	0.026
Nickel	04/01/99	5.72	250	0.123
Potassium	04/01/99	5980	NLE	4.903
Selenium	04/01/99	2.12	63	0.736
Silver	04/01/99	ND	110	0.736
Sodium	04/01/99	103	NLE	4.903
Thallium	04/01/99	ND	2	0.736
Vanadium	04/01/99	38.1	370	0.245
Zinc	04/01/99	50.4	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 #: 4356.08
Sample Received: 03/17/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-52, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/01/99	8120	NLE	2.082
Antimony	04/01/99	ND	14	0.416
Arsenic	04/01/99	8.57	20	0.416
Barium	04/01/99	48.6	700	0.104
Beryllium	04/01/99	0.966	1	0.104
Cadmium	04/01/99	ND	1	0.104
Calcium	04/01/99	611	NLE	4.163
Chromium	04/01/99	104	NLE	0.104
Cobalt	04/01/99	0.964	NLE	0.104
Copper	04/01/99	4.99	600	0.624
Iron	04/01/99	24000	NLE	2.082
Lead	04/01/99	16.2	400	0.416
Magnesium	04/01/99	2720	NLE	4.163
Manganese	04/01/99	16.4	NLE	0.104
Mercury	04/01/99	0.027	14	0.027
Nickel	04/01/99	4.33	250	0.104
Potassium	04/01/99	6180	NLE	4.163
Selenium	04/01/99	1.56	63	0.624
Silver	04/01/99	ND	110	0.624
Sodium	04/01/99	91.8	NLE	4.163
Thallium	04/01/99	ND	2	0.624
Vanadium	04/01/99	41.8	370	0.208
Zinc	04/01/99	42.2	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 #: 4356.10
Sample Received: 03/17/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-53, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/01/99	5860	NLE	2.359
Antimony	04/01/99	ND	14	0.472
Arsenic	04/01/99	11.1	20	0.472
Barium	04/01/99	63.6	700	0.118
Beryllium	04/01/99	1.00	1	0.118
Cadmium	04/01/99	ND	1	0.118
Calcium	04/01/99	2910	NLE	4.719
Chromium	04/01/99	72.7	NLE	0.118
Cobalt	04/01/99	2.49	NLE	0.118
Copper	04/01/99	11.7	600	0.708
Iron	04/01/99	21300	NLE	2.359
Lead	04/01/99	18.1	400	0.472
Magnesium	04/01/99	1900	NLE	4.719
Manganese	04/01/99	28.2	NLE	0.118
Mercury	04/01/99	0.027	14	0.027
Nickel	04/01/99	9.07	250	0.118
Potassium	04/01/99	4900	NLE	4.719
Selenium	04/01/99	1.94	63	0.708
Silver	04/01/99	ND	110	0.708
Sodium	04/01/99	103	NLE	4.719
Thallium	04/01/99	ND	2	0.708
Vanadium	04/01/99	26.2	370	0.236
Zinc	04/01/99	49.6	1500	0.236

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4356.12
Sample Received: 03/17/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-54, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/01/99	5840	NLE	2.236
Antimony	04/01/99	ND	14	0.447
Arsenic	04/01/99	6.67	20	0.447
Barium	04/01/99	36.3	700	0.112
Beryllium	04/01/99	0.637	1	0.112
Cadmium	04/01/99	0.219	1	0.112
Calcium	04/01/99	5050	NLE	4.472
Chromium	04/01/99	63.7	NLE	0.112
Cobalt	04/01/99	1.40	NLE	0.112
Copper	04/01/99	20.5	600	0.671
Iron	04/01/99	19300	NLE	2.236
Lead	04/01/99	36.7	400	0.447
Magnesium	04/01/99	2350	NLE	4.472
Manganese	04/01/99	123	NLE	0.112
Mercury	04/01/99	0.216	14	0.027
Nickel	04/01/99	6.42	250	0.112
Potassium	04/01/99	4890	NLE	4.472
Selenium	04/01/99	1.28	63	0.671
Silver	04/01/99	ND	110	0.671
Sodium	04/01/99	120	NLE	4.472
Thallium	04/01/99	ND	2	0.671
Vanadium	04/01/99	30.7	370	0.224
Zinc	04/01/99	96.8	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 #: 4356.14
Sample Received: 03/17/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-55, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/01/99	6320	NLE	2.027
Antimony	04/01/99	ND	14	0.405
Arsenic	04/01/99	6.67	20	0.405
Barium	04/01/99	26.2	700	0.101
Beryllium	04/01/99	0.669	1	0.101
Cadmium	04/01/99	ND	1	0.101
Calcium	04/01/99	767	NLE	4.054
Chromium	04/01/99	56.9	NLE	0.101
Cobalt	04/01/99	1.02	NLE	0.101
Copper	04/01/99	2.17	600	0.608
Iron	04/01/99	19700	NLE	2.027
Lead	04/01/99	5.27	400	0.405
Magnesium	04/01/99	1790	NLE	4.054
Manganese	04/01/99	39.6	NLE	0.101
Mercury	04/01/99	ND	14	0.026
Nickel	04/01/99	3.81	250	0.101
Potassium	04/01/99	4270	NLE	4.054
Selenium	04/01/99	ND	63	0.608
Silver	04/01/99	ND	110	0.608
Sodium	04/01/99	45.1	NLE	4.054
Thallium	04/01/99	ND	2	0.608
Vanadium	04/01/99	27.6	370	0.203
Zinc	04/01/99	20.8	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 #: 4359.02
Sample Received: 03/18/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-56, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/01/99	4140	NLE	2.404
Antimony	04/01/99	0.677	14	0.481
Arsenic	04/01/99	9.78	20	0.481
Barium	04/01/99	46.5	700	0.120
Beryllium	04/01/99	0.535	1	0.120
Cadmium	04/01/99	0.323	1	0.120
Calcium	04/01/99	4310	NLE	4.809
Chromium	04/01/99	49.5	NLE	0.120
Cobalt	04/01/99	1.49	NLE	0.120
Copper	04/01/99	33.4	600	0.721
Iron	04/01/99	15900	NLE	2.404
Lead	04/01/99	41.9	400	0.481
Magnesium	04/01/99	1770	NLE	4.809
Manganese	04/01/99	83.4	NLE	0.120
Mercury	04/01/99	0.401	14	0.024
Nickel	04/01/99	5.90	250	0.120
Potassium	04/01/99	3300	NLE	4.809
Selenium	04/01/99	1.11	63	0.721
Silver	04/01/99	ND	110	0.721
Sodium	04/01/99	165	NLE	4.809
Thallium	04/01/99	ND	2	0.721
Vanadium	04/01/99	25.9	370	0.240
Zinc	04/01/99	126	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 #: 4359.04
Sample Received: 03/18/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-57, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/01/99	4690	NLE	2.042
Antimony	04/01/99	ND	14	0.408
Arsenic	04/01/99	6.36	20	0.408
Barium	04/01/99	34.5	700	0.102
Beryllium	04/01/99	0.741	1	0.102
Cadmium	04/01/99	ND	1	0.102
Calcium	04/01/99	629	NLE	4.085
Chromium	04/01/99	64.6	NLE	0.102
Cobalt	04/01/99	0.830	NLE	0.102
Copper	04/01/99	6.75	600	0.613
Iron	04/01/99	17700	NLE	2.042
Lead	04/01/99	8.49	400	0.408
Magnesium	04/01/99	1860	NLE	4.085
Manganese	04/01/99	13.3	NLE	0.102
Mercury	04/01/99	0.078	14	0.019
Nickel	04/01/99	3.69	250	0.102
Potassium	04/01/99	4400	NLE	4.085
Selenium	04/01/99	1.41	63	0.613
Silver	04/01/99	ND	110	0.613
Sodium	04/01/99	94.4	NLE	4.085
Thallium	04/01/99	ND	2	0.613
Vanadium	04/01/99	25.9	370	0.204
Zinc	04/01/99	34.7	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 #: 4359.06
Sample Received: 03/18/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-58, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/01/99	4590	NLE	2.190
Antimony	04/01/99	ND	14	0.438
Arsenic	04/01/99	5.85	20	0.438
Barium	04/01/99	19.1	700	0.110
Beryllium	04/01/99	0.569	1	0.110
Cadmium	04/01/99	ND	1	0.110
Calcium	04/01/99	459	NLE	4.381
Chromium	04/01/99	58.4	NLE	0.110
Cobalt	04/01/99	0.804	NLE	0.110
Copper	04/01/99	6.88	600	0.657
Iron	04/01/99	13800	NLE	2.190
Lead	04/01/99	13.0	400	0.438
Magnesium	04/01/99	1480	NLE	4.381
Manganese	04/01/99	8.50	NLE	0.110
Mercury	04/01/99	0.091	14	0.023
Nickel	04/01/99	3.44	250	0.110
Potassium	04/01/99	3510	NLE	4.381
Selenium	04/01/99	ND	63	0.657
Silver	04/01/99	ND	110	0.657
Sodium	04/01/99	118	NLE	4.381
Thallium	04/01/99	ND	2	0.657
Vanadium	04/01/99	26.5	370	0.219
Zinc	04/01/99	27.9	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 #: 4359.08
Sample Received: 03/18/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-59, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/01/99	8650	NLE	2.267
Antimony	04/01/99	ND	14	0.453
Arsenic	04/01/99	11.8	20	0.453
Barium	04/01/99	57.3	700	0.113
Beryllium	04/01/99	1.41	1	0.113
Cadmium	04/01/99	0.484	1	0.113
Calcium	04/01/99	1220	NLE	4.535
Chromium	04/01/99	133	NLE	0.113
Cobalt	04/01/99	1.37	NLE	0.113
Copper	04/01/99	11.5	600	0.680
Iron	04/01/99	30000	NLE	2.267
Lead	04/01/99	13.8	400	0.453
Magnesium	04/01/99	3710	NLE	4.535
Manganese	04/01/99	19.1	NLE	0.113
Mercury	04/01/99	0.071	14	0.024
Nickel	04/01/99	5.90	250	0.113
Potassium	04/01/99	8580	NLE	4.535
Selenium	04/01/99	1.80	63	0.680
Silver	04/01/99	ND	110	0.680
Sodium	04/01/99	219	NLE	4.535
Thallium	04/01/99	ND	2	0.680
Vanadium	04/01/99	44.7	370	0.227
Zinc	04/01/99	62.8	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 #: 4367.02
Sample Received: 03/22/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-59[illegible]6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/01/99	7740	NLE	2.400
Antimony	04/01/99	ND	14	0.480
Arsenic	04/01/99	12.3	20	0.480
Barium	04/01/99	60.0	700	0.120
Beryllium	04/01/99	1.26	1	0.120
Cadmium	04/01/99	ND	1	0.120
Calcium	04/01/99	990	NLE	4.801
Chromium	04/01/99	118	NLE	0.120
Cobalt	04/01/99	1.19	NLE	0.120
Copper	04/01/99	10.2	600	0.720
Iron	04/01/99	28400	NLE	2.400
Lead	04/01/99	17.1	400	0.480
Magnesium	04/01/99	3220	NLE	4.801
Manganese	04/01/99	19.2	NLE	0.120
Mercury	04/01/99	0.079	14	0.026
Nickel	04/01/99	5.18	250	0.120
Potassium	04/01/99	7640	NLE	4.801
Selenium	04/01/99	1.66	63	0.720
Silver	04/01/99	ND	110	0.720
Sodium	04/01/99	225	NLE	4.801
Thallium	04/01/99	ND	2	0.720
Vanadium	04/01/99	43.8	370	0.240
Zinc	04/01/99	61.4	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 #: 4367.04
Sample Received: 03/22/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-60, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/01/99	6100	NLE	2.275
Antimony	04/01/99	ND	14	0.455
Arsenic	04/01/99	8.53	20	0.455
Barium	04/01/99	38.1	700	0.114
Beryllium	04/01/99	0.920	1	0.114
Cadmium	04/01/99	ND	1	0.114
Calcium	04/01/99	759	NLE	4.551
Chromium	04/01/99	89.4	NLE	0.114
Cobalt	04/01/99	0.930	NLE	0.114
Copper	04/01/99	7.05	600	0.683
Iron	04/01/99	23800	NLE	2.275
Lead	04/01/99	13.8	400	0.455
Magnesium	04/01/99	2450	NLE	4.551
Manganese	04/01/99	16.9	NLE	0.114
Mercury	04/01/99	0.060	14	0.020
Nickel	04/01/99	3.97	250	0.114
Potassium	04/01/99	5710	NLE	4.551
Selenium	04/01/99	1.29	63	0.683
Silver	04/01/99	ND	110	0.683
Sodium	04/01/99	89.7	NLE	4.551
Thallium	04/01/99	ND	2	0.683
Vanadium	04/01/99	32.0	370	0.228
Zinc	04/01/99	55.6	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 #: 4367.06
Sample Received: 03/22/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-61, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/01/99	10400	NLE	2.381
Antimony	04/01/99	0.903	14	0.476
Arsenic	04/01/99	11.4	20	0.476
Barium	04/01/99	39.8	700	0.119
Beryllium	04/01/99	1.66	1	0.119
Cadmium	04/01/99	0.225	1	0.119
Calcium	04/01/99	1390	NLE	4.763
Chromium	04/01/99	126	NLE	0.119
Cobalt	04/01/99	1.45	NLE	0.119
Copper	04/01/99	12.8	600	0.714
Iron	04/01/99	31200	NLE	2.381
Lead	04/01/99	18.2	400	0.476
Magnesium	04/01/99	3880	NLE	4.763
Manganese	04/01/99	31.5	NLE	0.119
Mercury	04/01/99	0.133	14	0.027
Nickel	04/01/99	6.85	250	0.119
Potassium	04/01/99	8710	NLE	4.763
Selenium	04/01/99	0.938	63	0.714
Silver	04/01/99	ND	110	0.714
Sodium	04/01/99	160	NLE	4.763
Thallium	04/01/99	ND	2	0.714
Vanadium	04/01/99	46.8	370	0.238
Zinc	04/01/99	85.0	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 #: 4367.08
Sample Received: 03/22/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-62, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/01/99	2990	NLE	2.033
Antimony	04/01/99	0.529	14	0.407
Arsenic	04/01/99	3.34	20	0.407
Barium	04/01/99	19.2	700	0.102
Beryllium	04/01/99	0.255	1	0.102
Cadmium	04/01/99	0.655	1	0.102
Calcium	04/01/99	299	NLE	4.066
Chromium	04/01/99	14.3	NLE	0.102
Cobalt	04/01/99	0.727	NLE	0.102
Copper	04/01/99	10.6	600	0.610
Iron	04/01/99	4420	NLE	2.033
Lead	04/01/99	22.7	400	0.407
Magnesium	04/01/99	285	NLE	4.066
Manganese	04/01/99	9.40	NLE	0.102
Mercury	04/01/99	0.074	14	0.025
Nickel	04/01/99	3.47	250	0.102
Potassium	04/01/99	479	NLE	4.066
Selenium	04/01/99	ND	63	0.610
Silver	04/01/99	ND	110	0.610
Sodium	04/01/99	84.0	NLE	4.066
Thallium	04/01/99	ND	2	0.610
Vanadium	04/01/99	11.0	370	0.203
Zinc	04/01/99	30.2	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 #: 4367.10
Sample Received: 03/22/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-63, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/01/99	5320	NLE	2.490
Antimony	04/01/99	0.516	14	0.498
Arsenic	04/01/99	3.72	20	0.498
Barium	04/01/99	13.3	700	0.125
Beryllium	04/01/99	0.304	1	0.125
Cadmium	04/01/99	0.270	1	0.125
Calcium	04/01/99	483	NLE	4.981
Chromium	04/01/99	22.2	NLE	0.125
Cobalt	04/01/99	1.11	NLE	0.125
Copper	04/01/99	5.18	600	0.747
Iron	04/01/99	7850	NLE	2.490
Lead	04/01/99	7.45	400	0.498
Magnesium	04/01/99	506	NLE	4.981
Manganese	04/01/99	15.5	NLE	0.125
Mercury	04/01/99	0.080	14	0.027
Nickel	04/01/99	5.93	250	0.125
Potassium	04/01/99	903	NLE	4.981
Selenium	04/01/99	ND	63	0.747
Silver	04/01/99	ND	110	0.747
Sodium	04/01/99	113	NLE	4.981
Thallium	04/01/99	ND	2	0.747
Vanadium	04/01/99	16.3	370	0.249
Zinc	04/01/99	25.6	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 #: 4367.12
Sample Received: 03/22/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-64, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/01/99	32000	NLE	3.210
Antimony	04/01/99	ND	14	0.642
Arsenic	04/01/99	26.8	20	0.642
Barium	04/01/99	220	700	0.161
Beryllium	04/01/99	10.6	1	0.161
Cadmium	04/01/99	1.36	1	0.161
Calcium	04/01/99	325	NLE	6.421
Chromium	04/01/99	271	NLE	0.161
Cobalt	04/01/99	13.1	NLE	0.161
Copper	04/01/99	134	600	0.963
Iron	04/01/99	89600	NLE	3.210
Lead	04/01/99	119	400	0.642
Magnesium	04/01/99	4960	NLE	6.421
Manganese	04/01/99	42.5	NLE	0.161
Mercury	04/01/99	16.7	14	0.157
Nickel	04/01/99	70.7	250	0.161
Potassium	04/01/99	8570	NLE	6.421
Selenium	04/01/99	2.01	63	0.963
Silver	04/01/99	ND	110	0.963
Sodium	04/01/99	291	NLE	6.421
Thallium	04/01/99	ND	2	0.963
Vanadium	04/01/99	189	370	0.321
Zinc	04/01/99	283	1500	0.321

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4367.14
Sample Received: 03/22/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-65, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/01/99	4540	NLE	2.585
Antimony	04/01/99	0.538	14	0.517
Arsenic	04/01/99	2.58	20	0.517
Barium	04/01/99	159	700	0.129
Beryllium	04/01/99	0.662	1	0.129
Cadmium	04/01/99	0.578	1	0.129
Calcium	04/01/99	2170	NLE	5.171
Chromium	04/01/99	11.9	NLE	0.129
Cobalt	04/01/99	7.29	NLE	0.129
Copper	04/01/99	48.0	600	0.776
Iron	04/01/99	7670	NLE	2.585
Lead	04/01/99	6.85	400	0.517
Magnesium	04/01/99	544	NLE	5.171
Manganese	04/01/99	29.4	NLE	0.129
Mercury	04/01/99	0.173	14	0.025
Nickel	04/01/99	19.6	250	0.129
Potassium	04/01/99	274	NLE	5.171
Selenium	04/01/99	1.06	63	0.776
Silver	04/01/99	ND	110	0.776
Sodium	04/01/99	358	NLE	5.171
Thallium	04/01/99	ND	2	0.776
Vanadium	04/01/99	17.3	370	0.259
Zinc	04/01/99	61.8	1500	0.259

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4380.02
Sample Received: 04/01/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-66, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/08/99	8390	NLE	2.255
Antimony	04/08/99	0.788	14	0.451
Arsenic	04/08/99	2.16	20	0.451
Barium	04/08/99	17.1	700	0.113
Beryllium	04/08/99	0.246	1	0.113
Cadmium	04/08/99	0.157	1	0.113
Calcium	04/08/99	267	NLE	4.510
Chromium	04/08/99	21.5	NLE	0.113
Cobalt	04/08/99	0.988	NLE	0.113
Copper	04/08/99	13.4	600	0.677
Iron	04/08/99	6840	NLE	2.255
Lead	04/08/99	6.86	400	0.451
Magnesium	04/08/99	507	NLE	4.510
Manganese	04/08/99	19.0	NLE	0.113
Mercury	04/01/99	0.078	14	0.025
Nickel	04/08/99	4.44	250	0.113
Potassium	04/08/99	1080	NLE	4.510
Selenium	04/08/99	ND	63	0.677
Silver	04/08/99	ND	110	0.677
Sodium	04/08/99	133	NLE	4.510
Thallium	04/08/99	ND	2	0.677
Vanadium	04/08/99	17.1	370	0.226
Zinc	04/08/99	30.4	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 #: 4380.04
Sample Received: 04/01/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-67, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/08/99	8220	NLE	2.248
Antimony	04/08/99	0.490	14	0.450
Arsenic	04/08/99	9.76	20	0.450
Barium	04/08/99	48.6	700	0.112
Beryllium	04/08/99	1.05	1	0.112
Cadmium	04/08/99	ND	1	0.112
Calcium	04/08/99	1250	NLE	4.497
Chromium	04/08/99	99.4	NLE	0.112
Cobalt	04/08/99	1.21	NLE	0.112
Copper	04/08/99	10.3	600	0.675
Iron	04/08/99	25600	NLE	2.248
Lead	04/08/99	25.0	400	0.450
Magnesium	04/08/99	2720	NLE	4.497
Manganese	04/08/99	18.8	NLE	0.112
Mercury	04/01/99	0.117	14	0.024
Nickel	04/08/99	5.90	250	0.112
Potassium	04/08/99	6160	NLE	4.497
Selenium	04/08/99	1.57	63	0.675
Silver	04/08/99	ND	110	0.675
Sodium	04/08/99	148	NLE	4.497
Thallium	04/08/99	ND	2	0.675
Vanadium	04/08/99	39.6	370	0.225
Zinc	04/08/99	53.3	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 #: 4380.06
Sample Received: 04/01/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-68, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/08/99	8220	NLE	2.493
Antimony	04/08/99	ND	14	0.499
Arsenic	04/08/99	8.46	20	0.499
Barium	04/08/99	56.2	700	0.125
Beryllium	04/08/99	1.30	1	0.125
Cadmium	04/08/99	ND	1	0.125
Calcium	04/08/99	864	NLE	4.985
Chromium	04/08/99	134	NLE	0.125
Cobalt	04/08/99	1.39	NLE	0.125
Copper	04/08/99	8.25	600	0.748
Iron	04/08/99	28500	NLE	2.493
Lead	04/08/99	19.1	400	0.499
Magnesium	04/08/99	3480	NLE	4.985
Manganese	04/08/99	21.9	NLE	0.125
Mercury	04/01/99	0.062	14	0.028
Nickel	04/08/99	6.21	250	0.125
Potassium	04/08/99	7660	NLE	4.985
Selenium	04/08/99	1.56	63	0.748
Silver	04/08/99	ND	110	0.748
Sodium	04/08/99	117	NLE	4.985
Thallium	04/08/99	ND	2	0.748
Vanadium	04/08/99	56.0	370	0.249
Zinc	04/08/99	46.4	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 #: 4380.08
Sample Received: 04/01/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-69, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/08/99	10300	NLE	2.148
Antimony	04/08/99	0.432	14	0.430
Arsenic	04/08/99	9.48	20	0.430
Barium	04/08/99	53.2	700	0.107
Beryllium	04/08/99	1.08	1	0.107
Cadmium	04/08/99	ND	1	0.107
Calcium	04/08/99	819	NLE	4.295
Chromium	04/08/99	102	NLE	0.107
Cobalt	04/08/99	2.00	NLE	0.107
Copper	04/08/99	16.8	600	0.644
Iron	04/08/99	26000	NLE	2.148
Lead	04/08/99	24.4	400	0.430
Magnesium	04/08/99	2830	NLE	4.295
Manganese	04/08/99	28.9	NLE	0.107
Mercury	04/01/99	0.130	14	0.025
Nickel	04/08/99	7.69	250	0.107
Potassium	04/08/99	5960	NLE	4.295
Selenium	04/08/99	1.30	63	0.644
Silver	04/08/99	ND	110	0.644
Sodium	04/08/99	119	NLE	4.295
Thallium	04/08/99	ND	2	0.644
Vanadium	04/08/99	49.3	370	0.215
Zinc	04/08/99	52.5	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 #: 4380.10
Sample Received: 04/01/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-70, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/08/99	15300	NLE	2.783
Antimony	04/08/99	0.913	14	0.557
Arsenic	04/08/99	9.34	20	0.557
Barium	04/08/99	97.1	700	0.139
Beryllium	04/08/99	2.73	1	0.139
Cadmium	04/08/99	ND	1	0.139
Calcium	04/08/99	660	NLE	5.566
Chromium	04/08/99	81.8	NLE	0.139
Cobalt	04/08/99	8.05	NLE	0.139
Copper	04/08/99	34.0	600	0.835
Iron	04/08/99	29400	NLE	2.783
Lead	04/08/99	46.8	400	0.557
Magnesium	04/08/99	2640	NLE	5.566
Manganese	04/08/99	42.5	NLE	0.139
Mercury	04/01/99	0.161	14	0.032
Nickel	04/08/99	31.6	250	0.139
Potassium	04/08/99	5820	NLE	5.566
Selenium	04/08/99	1.78	63	0.835
Silver	04/08/99	ND	110	0.835
Sodium	04/08/99	240	NLE	5.566
Thallium	04/08/99	ND	2	0.835
Vanadium	04/08/99	52.2	370	0.278
Zinc	04/08/99	108	1500	0.278

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4395.02
Sample Received: 04/06/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-71, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/20/99	8120	NLE	2.263
Antimony	04/20/99	ND	14	0.453
Arsenic	04/20/99	8.68	20	0.453
Barium	04/20/99	49.9	700	0.113
Beryllium	04/20/99	1.03	1	0.113
Cadmium	04/20/99	ND	1	0.113
Calcium	04/20/99	1050	NLE	4.525
Chromium	04/20/99	104	NLE	0.113
Cobalt	04/20/99	1.12	NLE	0.113
Copper	04/20/99	3.97	600	0.679
Iron	04/20/99	25200	NLE	2.263
Lead	04/20/99	17.9	400	0.453
Magnesium	04/20/99	3110	NLE	4.525
Manganese	04/20/99	18.7	NLE	0.113
Mercury	04/08/99	0.066	14	0.023
Nickel	04/20/99	4.33	250	0.113
Potassium	04/20/99	8650	NLE	4.525
Selenium	04/20/99	1.08	63	0.679
Silver	04/20/99	ND	110	0.679
Sodium	04/20/99	290	NLE	4.525
Thallium	04/20/99	ND	2	0.679
Vanadium	04/20/99	37.4	370	0.226
Zinc	04/20/99	41.6	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 #: 4395.04
Sample Received: 04/06/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-72, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/20/99	2400	NLE	2.330
Antimony	04/20/99	ND	14	0.466
Arsenic	04/20/99	2.15	20	0.466
Barium	04/20/99	22.8	700	0.117
Beryllium	04/20/99	0.409	1	0.117
Cadmium	04/20/99	1.70	1	0.117
Calcium	04/20/99	482	NLE	4.660
Chromium	04/20/99	5.69	NLE	0.117
Cobalt	04/20/99	3.32	NLE	0.117
Copper	04/20/99	18.9	600	0.699
Iron	04/20/99	3110	NLE	2.330
Lead	04/20/99	3.73	400	0.466
Magnesium	04/20/99	341	NLE	4.660
Manganese	04/20/99	15.5	NLE	0.117
Mercury	04/08/99	0.092	14	0.022
Nickel	04/20/99	12.5	250	0.117
Potassium	04/20/99	246	NLE	4.660
Selenium	04/20/99	ND	63	0.699
Silver	04/20/99	ND	110	0.699
Sodium	04/20/99	142	NLE	4.660
Thallium	04/20/99	ND	2	0.699
Vanadium	04/20/99	12.8	370	0.233
Zinc	04/20/99	47.0	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 #: 4395.06
Sample Received: 04/06/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-73, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/20/99	7890	NLE	2.262
Antimony	04/20/99	0.856	14	0.452
Arsenic	04/20/99	81.3	20	0.452
Barium	04/20/99	76.6	700	0.113
Beryllium	04/20/99	1.06	1	0.113
Cadmium	04/20/99	ND	1	0.113
Calcium	04/20/99	1340	NLE	4.525
Chromium	04/20/99	115	NLE	0.113
Cobalt	04/20/99	0.861	NLE	0.113
Copper	04/20/99	3.19	600	0.679
Iron	04/20/99	36400	NLE	2.262
Lead	04/20/99	15.1	400	0.452
Magnesium	04/20/99	3730	NLE	4.525
Manganese	04/20/99	18.0	NLE	0.113
Mercury	04/08/99	0.051	14	0.027
Nickel	04/20/99	3.86	250	0.113
Potassium	04/20/99	11700	NLE	4.525
Selenium	04/20/99	1.45	63	0.679
Silver	04/20/99	ND	110	0.679
Sodium	04/20/99	301	NLE	4.525
Thallium	04/20/99	ND	2	0.679
Vanadium	04/20/99	33.0	370	0.226
Zinc	04/20/99	47.9	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 #: 4406.02
Sample Received: 04/09/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-74, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/20/99	9570	NLE	2.325
Antimony	04/20/99	ND	14	0.465
Arsenic	04/20/99	9.55	20	0.465
Barium	04/20/99	23.8	700	0.116
Beryllium	04/20/99	0.896	1	0.116
Cadmium	04/20/99	ND	1	0.116
Calcium	04/20/99	1810	NLE	4.650
Chromium	04/20/99	101	NLE	0.116
Cobalt	04/20/99	1.53	NLE	0.116
Copper	04/20/99	16.1	600	0.698
Iron	04/20/99	25700	NLE	2.325
Lead	04/20/99	32.3	400	0.465
Magnesium	04/20/99	2760	NLE	4.650
Manganese	04/20/99	87.8	NLE	0.116
Mercury	04/13/99	0.103	14	0.022
Nickel	04/20/99	6.18	250	0.116
Potassium	04/20/99	6440	NLE	4.650
Selenium	04/20/99	0.759	63	0.698
Silver	04/20/99	ND	110	0.698
Sodium	04/20/99	188	NLE	4.650
Thallium	04/20/99	ND	2	0.698
Vanadium	04/20/99	61.8	370	0.233
Zinc	04/20/99	63.7	1500	0.233

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4406.04
Sample Received: 04/09/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-75, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/20/99	3670	NLE	2.118
Antimony	04/20/99	2.31	14	0.424
Arsenic	04/20/99	15.1	20	0.424
Barium	04/20/99	13.2	700	0.106
Beryllium	04/20/99	0.332	1	0.106
Cadmium	04/20/99	ND	1	0.106
Calcium	04/20/99	493	NLE	4.235
Chromium	04/20/99	32.5	NLE	0.106
Cobalt	04/20/99	3.58	NLE	0.106
Copper	04/20/99	55.4	600	0.635
Iron	04/20/99	45400	NLE	2.118
Lead	04/20/99	24.2	400	0.424
Magnesium	04/20/99	443	NLE	4.235
Manganese	04/20/99	184	NLE	0.106
Mercury	04/13/99	0.058	14	0.022
Nickel	04/20/99	6.72	250	0.106
Potassium	04/20/99	863	NLE	4.235
Selenium	04/20/99	ND	63	0.635
Silver	04/20/99	ND	110	0.635
Sodium	04/20/99	166	NLE	4.235
Thallium	04/20/99	ND	2	0.635
Vanadium	04/20/99	31.7	370	0.212
Zinc	04/20/99	43.6	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 #: 4406.06
Sample Received: 04/09/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-76, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/20/99	12400	NLE	2.151
Antimony	04/20/99	ND	14	0.430
Arsenic	04/20/99	9.54	20	0.430
Barium	04/20/99	40.5	700	0.108
Beryllium	04/20/99	0.928	1	0.108
Cadmium	04/20/99	ND	1	0.108
Calcium	04/20/99	1350	NLE	4.302
Chromium	04/20/99	77.8	NLE	0.108
Cobalt	04/20/99	3.38	NLE	0.108
Copper	04/20/99	14.1	600	0.645
Iron	04/20/99	32200	NLE	2.151
Lead	04/20/99	21.2	400	0.430
Magnesium	04/20/99	2190	NLE	4.302
Manganese	04/20/99	98.0	NLE	0.108
Mercury	04/13/99	0.083	14	0.025
Nickel	04/20/99	10.0	250	0.108
Potassium	04/20/99	4600	NLE	4.302
Selenium	04/20/99	ND	63	0.645
Silver	04/20/99	ND	110	0.645
Sodium	04/20/99	494	NLE	4.302
Thallium	04/20/99	ND	2	0.645
Vanadium	04/20/99	74.6	370	0.215
Zinc	04/20/99	80.5	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 #: 4415.02
Sample Received: 04/13/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-77, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/20/99	9740	NLE	2.629
Antimony	04/20/99	ND	14	0.526
Arsenic	04/20/99	11.9	20	0.526
Barium	04/20/99	60.4	700	0.131
Beryllium	04/20/99	1.14	1	0.131
Cadmium	04/20/99	2.89	1	0.131
Calcium	04/20/99	4930	NLE	5.258
Chromium	04/20/99	95.1	NLE	0.131
Cobalt	04/20/99	2.59	NLE	0.131
Copper	04/20/99	27.0	600	0.789
Iron	04/20/99	26800	NLE	2.629
Lead	04/20/99	54.0	400	0.526
Magnesium	04/20/99	3780	NLE	5.258
Manganese	04/20/99	685	NLE	0.131
Mercury	04/23/99	0.623	14	0.027
Nickel	04/20/99	11.9	250	0.131
Potassium	04/20/99	7500	NLE	5.258
Selenium	04/20/99	1.23	63	0.789
Silver	04/20/99	ND	110	0.789
Sodium	04/20/99	151	NLE	5.258
Thallium	04/20/99	ND	2	0.789
Vanadium	04/20/99	42.7	370	0.263
Zinc	04/20/99	422	1500	0.263

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4415.04
Sample Received: 04/13/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-78, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/20/99	6670	NLE	2.611
Antimony	04/20/99	0.753	14	0.522
Arsenic	04/20/99	6.13	20	0.522
Barium	04/20/99	45.2	700	0.131
Beryllium	04/20/99	0.499	1	0.131
Cadmium	04/20/99	0.742	1	0.131
Calcium	04/20/99	10100	NLE	5.222
Chromium	04/20/99	55.6	NLE	0.131
Cobalt	04/20/99	2.11	NLE	0.131
Copper	04/20/99	26.7	600	0.783
Iron	04/20/99	18000	NLE	2.611
Lead	04/20/99	87.2	400	0.522
Magnesium	04/20/99	2390	NLE	5.222
Manganese	04/20/99	311	NLE	0.131
Mercury	04/23/99	0.310	14	0.027
Nickel	04/20/99	8.11	250	0.131
Potassium	04/20/99	3540	NLE	5.222
Selenium	04/20/99	ND	63	0.783
Silver	04/20/99	ND	110	0.783
Sodium	04/20/99	115	NLE	5.222
Thallium	04/20/99	ND	2	0.783
Vanadium	04/20/99	30.5	370	0.261
Zinc	04/20/99	145	1500	0.261

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4415.06
Sample Received: 04/13/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-79, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/20/99	6570	NLE	2.781
Antimony	04/20/99	ND	14	0.556
Arsenic	04/20/99	6.87	20	0.556
Barium	04/20/99	37.9	700	0.139
Beryllium	04/20/99	0.574	1	0.139
Cadmium	04/20/99	0.408	1	0.139
Calcium	04/20/99	6570	NLE	5.562
Chromium	04/20/99	53.1	NLE	0.139
Cobalt	04/20/99	2.11	NLE	0.139
Copper	04/20/99	99.0	600	0.834
Iron	04/20/99	17600	NLE	2.781
Lead	04/20/99	57.7	400	0.556
Magnesium	04/20/99	2580	NLE	5.562
Manganese	04/20/99	158	NLE	0.139
Mercury	04/23/99	0.376	14	0.029
Nickel	04/20/99	6.97	250	0.139
Potassium	04/20/99	4440	NLE	5.562
Selenium	04/20/99	ND	63	0.834
Silver	04/20/99	ND	110	0.834
Sodium	04/20/99	158	NLE	5.562
Thallium	04/20/99	ND	2	0.834
Vanadium	04/20/99	30.0	370	0.278
Zinc	04/20/99	126	1500	0.278

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4415.08
Sample Received: 04/13/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-80, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	04/20/99	7540	NLE	2.947
Antimony	04/20/99	ND	14	0.589
Arsenic	04/20/99	15.5	20	0.589
Barium	04/20/99	34.4	700	0.147
Beryllium	04/20/99	0.680	1	0.147
Cadmium	04/20/99	ND	1	0.147
Calcium	04/20/99	1950	NLE	5.894
Chromium	04/20/99	89.6	NLE	0.147
Cobalt	04/20/99	1.01	NLE	0.147
Copper	04/20/99	11.7	600	0.884
Iron	04/20/99	24100	NLE	2.947
Lead	04/20/99	18.5	400	0.589
Magnesium	04/20/99	2110	NLE	5.894
Manganese	04/20/99	31.2	NLE	0.147
Mercury	04/23/99	0.083	14	0.032
Nickel	04/20/99	4.90	250	0.147
Potassium	04/20/99	5070	NLE	5.894
Selenium	04/20/99	0.930	63	0.884
Silver	04/20/99	ND	110	0.884
Sodium	04/20/99	252	NLE	5.894
Thallium	04/20/99	ND	2	0.884
Vanadium	04/20/99	78.9	370	0.295
Zinc	04/20/99	46.1	1500	0.295

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4418.02
Sample Received: 04/14/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-81, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	05/11/99	13900	NLE	2.44
Antimony	05/11/99	0.782	14	0.488
Arsenic	05/11/99	18.4	20	0.488
Barium	05/11/99	80.9	700	0.122
Beryllium	05/11/99	1.59	1	0.122
Cadmium	05/11/99	ND	1	0.122
Calcium	05/11/99	4200	NLE	4.88
Chromium	05/11/99	189	NLE	0.122
Cobalt	05/11/99	1.42	NLE	0.122
Copper	05/11/99	9.12	600	0.733
Iron	05/11/99	45000	NLE	2.44
Lead	05/11/99	38.6	100	0.488
Magnesium	05/11/99	6090	NLE	4.88
Manganese	05/11/99	34.1	NLE	0.122
Mercury	04/23/99	0.117	14	0.025
Nickel	05/11/99	7.61	250	0.122
Potassium	05/11/99	13100	NLE	4.88
Selenium	05/11/99	1.97	63	0.733
Silver	05/11/99	ND	110	0.733
Sodium	05/11/99	203	NLE	4.88
Thallium	05/11/99	ND	2	0.733
Vanadium	05/11/99	70.1	370	0.244
Zinc	05/11/99	74.4	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 #: 4418.04
Sample Received: 04/14/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-82, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	05/11/99	5470	NLE	2.17
Antimony	05/11/99	0.669	14	0.434
Arsenic	05/11/99	6.31	20	0.434
Barium	05/11/99	27.2	700	0.109
Beryllium	05/11/99	0.647	1	0.109
Cadmium	05/11/99	0.112	1	0.109
Calcium	05/11/99	621	NLE	4.34
Chromium	05/11/99	56.3	NLE	0.109
Cobalt	05/11/99	1.10	NLE	0.109
Copper	05/11/99	6.57	600	0.652
Iron	05/11/99	18200	NLE	2.17
Lead	05/11/99	11.3	100	0.434
Magnesium	05/11/99	1650	NLE	4.34
Manganese	05/11/99	19.3	NLE	0.109
Mercury	04/23/99	0.119	14	0.025
Nickel	05/11/99	4.39	250	0.109
Potassium	05/11/99	3340	NLE	4.34
Selenium	05/11/99	0.787	63	0.652
Silver	05/11/99	ND	110	0.652
Sodium	05/11/99	93.4	NLE	4.34
Thallium	05/11/99	ND	2	0.652
Vanadium	05/11/99	26.2	370	0.217
Zinc	05/11/99	59.6	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 #: 4418.06
Sample Received: 04/14/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-83, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	05/11/99	7290	NLE	2.50
Antimony	05/11/99	1.10	14	0.500
Arsenic	05/11/99	14.0	20	0.500
Barium	05/11/99	47.5	700	0.125
Beryllium	05/11/99	0.915	1	0.125
Cadmium	05/11/99	0.220	1	0.125
Calcium	05/11/99	2240	NLE	5.00
Chromium	05/11/99	102	NLE	0.125
Cobalt	05/11/99	1.34	NLE	0.125
Copper	05/11/99	17.6	600	0.751
Iron	05/11/99	25200	NLE	2.50
Lead	05/11/99	42.8	100	0.500
Magnesium	05/11/99	2770	NLE	5.00
Manganese	05/11/99	102	NLE	0.125
Mercury	04/23/99	0.566	14	0.026
Nickel	05/11/99	5.65	250	0.125
Potassium	05/11/99	5950	NLE	5.00
Selenium	05/11/99	1.44	63	0.751
Silver	05/11/99	ND	110	0.751
Sodium	05/11/99	116	NLE	5.00
Thallium	05/11/99	ND	2	0.751
Vanadium	05/11/99	53.7	370	0.250
Zinc	05/11/99	82.1	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 #: 4418.08
Sample Received: 04/14/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-84, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	05/11/99	5280	NLE	2.88
Antimony	05/11/99	1.46	14	0.575
Arsenic	05/11/99	7.15	20	0.575
Barium	05/11/99	48.8	700	0.144
Beryllium	05/11/99	0.571	1	0.144
Cadmium	05/11/99	0.771	1	0.144
Calcium	05/11/99	4870	NLE	5.75
Chromium	05/11/99	52.8	NLE	0.144
Cobalt	05/11/99	3.50	NLE	0.144
Copper	05/11/99	38.6	600	0.863
Iron	05/11/99	17600	NLE	2.88
Lead	05/11/99	89.9	100	0.575
Magnesium	05/11/99	1870	NLE	5.75
Manganese	05/11/99	198	NLE	0.144
Mercury	04/23/99	0.254	14	0.028
Nickel	05/11/99	12.9	250	0.144
Potassium	05/11/99	2760	NLE	5.75
Selenium	05/11/99	1.37	63	0.863
Silver	05/11/99	ND	110	0.863
Sodium	05/11/99	185	NLE	5.75
Thallium	05/11/99	ND	2	0.863
Vanadium	05/11/99	28.3	370	0.288
Zinc	05/11/99	215	1500	0.288

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4418.10
Sample Received: 04/14/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-85, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	05/11/99	6500	NLE	2.34
Antimony	05/11/99	0.629	14	0.467
Arsenic	05/11/99	12.7	20	0.467
Barium	05/11/99	88.7	700	0.117
Beryllium	05/11/99	1.14	1	0.117
Cadmium	05/11/99	0.174	1	0.117
Calcium	05/11/99	8710	NLE	4.67
Chromium	05/11/99	92.4	NLE	0.117
Cobalt	05/11/99	1.73	NLE	0.117
Copper	05/11/99	7.22	600	0.701
Iron	05/11/99	25500	NLE	2.34
Lead	05/11/99	33.4	100	0.467
Magnesium	05/11/99	2900	NLE	4.67
Manganese	05/11/99	28.7	NLE	0.117
Mercury	04/23/99	0.097	14	0.025
Nickel	05/11/99	6.44	250	0.117
Potassium	05/11/99	6990	NLE	4.67
Selenium	05/11/99	2.50	63	0.701
Silver	05/11/99	ND	110	0.701
Sodium	05/11/99	380	NLE	4.67
Thallium	05/11/99	ND	2	0.701
Vanadium	05/11/99	22.1	370	0.234
Zinc	05/11/99	81.8	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 #: 4418.12
Sample Received: 04/14/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-86, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	05/11/99	6390	NLE	2.37
Antimony	05/11/99	0.775	14	0.475
Arsenic	05/11/99	12.7	20	0.475
Barium	05/11/99	74.1	700	0.119
Beryllium	05/11/99	1.60	1	0.119
Cadmium	05/11/99	2.94	1	0.119
Calcium	05/11/99	5160	NLE	4.75
Chromium	05/11/99	75.5	NLE	0.119
Cobalt	05/11/99	2.53	NLE	0.119
Copper	05/11/99	7.53	600	0.712
Iron	05/11/99	18700	NLE	2.37
Lead	05/11/99	21.4	100	0.475
Magnesium	05/11/99	2200	NLE	4.75
Manganese	05/11/99	22.5	NLE	0.119
Mercury	04/23/99	0.121	14	0.024
Nickel	05/11/99	15.7	250	0.119
Potassium	05/11/99	5020	NLE	4.75
Selenium	05/11/99	2.49	63	0.712
Silver	05/11/99	ND	110	0.712
Sodium	05/11/99	648	NLE	4.75
Thallium	05/11/99	ND	2	0.712
Vanadium	05/11/99	20.6	370	0.237
Zinc	05/11/99	106	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 #: 4423.02
Sample Received: 04/16/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-87, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	05/11/99	9620	NLE	2.321
Antimony	05/11/99	1.00	14	0.464
Arsenic	05/11/99	15.3	20	0.464
Barium	05/11/99	47.3	700	0.116
Beryllium	05/11/99	0.944	1	0.116
Cadmium	05/11/99	ND	1	0.116
Calcium	05/11/99	1430	NLE	4.642
Chromium	05/11/99	66.9	NLE	0.116
Cobalt	05/11/99	1.31	NLE	0.116
Copper	05/11/99	12.3	600	0.696
Iron	05/11/99	20900	NLE	2.321
Lead	05/11/99	38.9	100	0.464
Magnesium	05/11/99	1860	NLE	4.642
Manganese	05/11/99	28.0	NLE	0.116
Mercury	04/23/99	0.136	14	0.024
Nickel	05/11/99	7.53	250	0.116
Potassium	05/11/99	3800	NLE	4.642
Selenium	05/11/99	1.77	63	0.696
Silver	05/11/99	ND	110	0.696
Sodium	05/11/99	544	NLE	4.642
Thallium	05/11/99	ND	2	0.696
Vanadium	05/11/99	27.1	370	0.232
Zinc	05/11/99	56.7	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 #: 4423.04
Sample Received: 04/16/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-88, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	05/11/99	8960	NLE	2.452
Antimony	05/11/99	1.02	14	0.490
Arsenic	05/11/99	8.91	20	0.490
Barium	05/11/99	43.8	700	0.123
Beryllium	05/11/99	1.23	1	0.123
Cadmium	05/11/99	0.286	1	0.123
Calcium	05/11/99	1290	NLE	4.904
Chromium	05/11/99	105	NLE	0.123
Cobalt	05/11/99	1.65	NLE	0.123
Copper	05/11/99	9.70	600	0.736
Iron	05/11/99	26000	NLE	2.452
Lead	05/11/99	19.6	100	0.490
Magnesium	05/11/99	3200	NLE	4.904
Manganese	05/11/99	31.3	NLE	0.123
Mercury	04/23/99	0.034	14	0.023
Nickel	05/11/99	7.71	250	0.123
Potassium	05/11/99	6130	NLE	4.904
Selenium	05/11/99	1.62	63	0.736
Silver	05/11/99	ND	110	0.736
Sodium	05/11/99	141	NLE	4.904
Thallium	05/11/99	ND	2	0.736
Vanadium	05/11/99	41.0	370	0.245
Zinc	05/11/99	91.0	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 #: 4423.06
Sample Received: 04/16/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-89, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	05/11/99	12700	NLE	2.349
Antimony	05/11/99	0.863	14	0.470
Arsenic	05/11/99	9.98	20	0.470
Barium	05/11/99	49.4	700	0.117
Beryllium	05/11/99	1.12	1	0.117
Cadmium	05/11/99	0.353	1	0.117
Calcium	05/11/99	3940	NLE	4.697
Chromium	05/11/99	104	NLE	0.117
Cobalt	05/11/99	1.83	NLE	0.117
Copper	05/11/99	20.2	600	0.705
Iron	05/11/99	30800	NLE	2.349
Lead	05/11/99	36.1	100	0.470
Magnesium	05/11/99	3590	NLE	4.697
Manganese	05/11/99	62.4	NLE	0.117
Mercury	04/23/99	0.034	14	0.024
Nickel	05/11/99	8.31	250	0.117
Potassium	05/11/99	7710	NLE	4.697
Selenium	05/11/99	0.837	63	0.705
Silver	05/11/99	ND	110	0.705
Sodium	05/11/99	770	NLE	4.697
Thallium	05/11/99	ND	2	0.705
Vanadium	05/11/99	52.7	370	0.235
Zinc	05/11/99	99.9	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 #: 4423.08
Sample Received: 04/16/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-90, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	05/11/99	11600	NLE	3.724
Antimony	05/11/99	1.02	14	0.745
Arsenic	05/11/99	7.36	20	0.745
Barium	05/11/99	53.3	700	0.186
Beryllium	05/11/99	0.843	1	0.186
Cadmium	05/11/99	1.17	1	0.186
Calcium	05/11/99	7830	NLE	7.448
Chromium	05/11/99	79.1	NLE	0.186
Cobalt	05/11/99	3.70	NLE	0.186
Copper	05/11/99	25.4	600	1.117
Iron	05/11/99	27000	NLE	3.724
Lead	05/11/99	76.6	100	0.745
Magnesium	05/11/99	4180	NLE	7.448
Manganese	05/11/99	131	NLE	0.186
Mercury	04/23/99	0.034	14	0.040
Nickel	05/11/99	15.0	250	0.186
Potassium	05/11/99	5300	NLE	7.448
Selenium	05/11/99	1.39	63	1.117
Silver	05/11/99	ND	110	1.117
Sodium	05/11/99	328	NLE	7.448
Thallium	05/11/99	ND	2	1.117
Vanadium	05/11/99	77.8	370	0.372
Zinc	05/11/99	150	1500	0.372

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4423.10
Sample Received: 04/16/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-91, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	05/11/99	13100	NLE	2.228
Antimony	05/11/99	1.78	14	0.446
Arsenic	05/11/99	14.9	20	0.446
Barium	05/11/99	34.0	700	0.111
Beryllium	05/11/99	1.08	1	0.111
Cadmium	05/11/99	ND	1	0.111
Calcium	05/11/99	1940	NLE	4.456
Chromium	05/11/99	114	NLE	0.111
Cobalt	05/11/99	1.84	NLE	0.111
Copper	05/11/99	15.4	600	0.668
Iron	05/11/99	31200	NLE	2.228
Lead	05/11/99	122	100	0.446
Magnesium	05/11/99	3810	NLE	4.456
Manganese	05/11/99	71.5	NLE	0.111
Mercury	04/23/99	0.034	14	0.026
Nickel	05/11/99	7.75	250	0.111
Potassium	05/11/99	7020	NLE	4.456
Selenium	05/11/99	1.28	63	0.668
Silver	05/11/99	ND	110	0.668
Sodium	05/11/99	113	NLE	4.456
Thallium	05/11/99	ND	2	0.668
Vanadium	05/11/99	58.4	370	0.223
Zinc	05/11/99	84.9	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 #: 4434.02
Sample Received: 04/21/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-92, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	05/11/99	11000	NLE	2.638
Antimony	05/11/99	1.16	14	0.528
Arsenic	05/11/99	10.6	20	0.528
Barium	05/11/99	75.4	700	0.132
Beryllium	05/11/99	0.983	1	0.132
Cadmium	05/11/99	0.287	1	0.132
Calcium	05/11/99	5850	NLE	5.276
Chromium	05/11/99	99.4	NLE	0.132
Cobalt	05/11/99	2.42	NLE	0.132
Copper	05/11/99	39.6	600	0.791
Iron	05/11/99	29600	NLE	2.638
Lead	05/11/99	74.9	100	0.528
Magnesium	05/11/99	3830	NLE	5.276
Manganese	05/11/99	123	NLE	0.132
Mercury	04/23/99	0.332	14	0.030
Nickel	05/11/99	16.6	250	0.132
Potassium	05/11/99	6700	NLE	5.276
Selenium	05/11/99	1.27	63	0.791
Silver	05/11/99	ND	110	0.791
Sodium	05/11/99	279	NLE	5.276
Thallium	05/11/99	ND	2	0.791
Vanadium	05/11/99	52.0	370	0.264
Zinc	05/11/99	294	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 #: 4434.04
Sample Received: 04/21/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-93, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	05/11/99	6590	NLE	2.407
Antimony	05/11/99	0.525	14	0.481
Arsenic	05/11/99	9.64	20	0.481
Barium	05/11/99	44.8	700	0.120
Beryllium	05/11/99	1.19	1	0.120
Cadmium	05/11/99	0.639	1	0.120
Calcium	05/11/99	769	NLE	4.814
Chromium	05/11/99	92.8	NLE	0.120
Cobalt	05/11/99	1.69	NLE	0.120
Copper	05/11/99	7.38	600	0.722
Iron	05/11/99	21500	NLE	2.407
Lead	05/11/99	17.6	100	0.481
Magnesium	05/11/99	2350	NLE	4.814
Manganese	05/11/99	20.7	NLE	0.120
Mercury	04/23/99	0.108	14	0.024
Nickel	05/11/99	7.30	250	0.120
Potassium	05/11/99	5050	NLE	4.814
Selenium	05/11/99	1.97	63	0.722
Silver	05/11/99	ND	110	0.722
Sodium	05/11/99	101	NLE	4.814
Thallium	05/11/99	ND	2	0.722
Vanadium	05/11/99	39.4	370	0.241
Zinc	05/11/99	63.4	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 #: 4434.06
Sample Received: 04/21/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-94, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	05/11/99	8610	NLE	2.221
Antimony	05/11/99	0.728	14	0.444
Arsenic	05/11/99	9.41	20	0.444
Barium	05/11/99	39.2	700	0.111
Beryllium	05/11/99	1.35	1	0.111
Cadmium	05/11/99	0.171	1	0.111
Calcium	05/11/99	1550	NLE	4.441
Chromium	05/11/99	119	NLE	0.111
Cobalt	05/11/99	2.34	NLE	0.111
Copper	05/11/99	9.85	600	0.666
Iron	05/11/99	28700	NLE	2.221
Lead	05/11/99	23.4	100	0.444
Magnesium	05/11/99	3580	NLE	4.441
Manganese	05/11/99	27.9	NLE	0.111
Mercury	04/23/99	0.135	14	0.025
Nickel	05/11/99	9.14	250	0.111
Potassium	05/11/99	7410	NLE	4.441
Selenium	05/11/99	1.76	63	0.666
Silver	05/11/99	ND	110	0.666
Sodium	05/11/99	142	NLE	4.441
Thallium	05/11/99	ND	2	0.666
Vanadium	05/11/99	45.4	370	0.222
Zinc	05/11/99	81.1	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 #: 4434.08
Sample Received: 04/21/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-95, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	05/11/99	12000	NLE	3.218
Antimony	05/11/99	1.62	14	0.644
Arsenic	05/11/99	9.77	20	0.644
Barium	05/11/99	104	700	0.161
Beryllium	05/11/99	1.07	1	0.161
Cadmium	05/11/99	0.772	1	0.161
Calcium	05/11/99	14900	NLE	6.436
Chromium	05/11/99	86.3	NLE	0.161
Cobalt	05/11/99	3.06	NLE	0.161
Copper	05/11/99	53.7	600	0.965
Iron	05/11/99	29800	NLE	3.218
Lead	05/11/99	121	100	0.644
Magnesium	05/11/99	4170	NLE	6.436
Manganese	05/11/99	362	NLE	0.161
Mercury	04/23/99	0.458	14	0.038
Nickel	05/11/99	14.4	250	0.161
Potassium	05/11/99	6760	NLE	6.436
Selenium	05/11/99	1.25	63	0.965
Silver	05/11/99	ND	110	0.965
Sodium	05/11/99	217	NLE	6.436
Thallium	05/11/99	ND	2	0.965
Vanadium	05/11/99	49.8	370	0.322
Zinc	05/11/99	273	1500	0.322

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4434.10
Sample Received: 04/21/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-96, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	05/11/99	10700	NLE	2.677
Antimony	05/11/99	1.15	14	0.535
Arsenic	05/11/99	7.74	20	0.535
Barium	05/11/99	44.2	700	0.134
Beryllium	05/11/99	0.835	1	0.134
Cadmium	05/11/99	156	1	0.134
Calcium	05/11/99	3110	NLE	5.353
Chromium	05/11/99	81.4	NLE	0.134
Cobalt	05/11/99	2.48	NLE	0.134
Copper	05/11/99	33.4	600	0.803
Iron	05/11/99	24400	NLE	2.677
Lead	05/11/99	59.6	100	0.535
Magnesium	05/11/99	2970	NLE	5.353
Manganese	05/11/99	204	NLE	0.134
Mercury	04/23/99	0.259	14	0.025
Nickel	05/11/99	9.31	250	0.134
Potassium	05/11/99	5560	NLE	5.353
Selenium	05/11/99	ND	63	0.803
Silver	05/11/99	ND	110	0.803
Sodium	05/11/99	165	NLE	5.353
Thallium	05/11/99	ND	2	0.803
Vanadium	05/11/99	43.5	370	0.268
Zinc	05/11/99	131	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 #: 4443.02
Sample Received: 04/26/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-97, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	05/11/99	11300	NLE	2.540
Antimony	05/11/99	3.19	14	0.508
Arsenic	05/11/99	9.27	20	0.508
Barium	05/11/99	41.3	700	0.127
Beryllium	05/11/99	0.830	1	0.127
Cadmium	05/11/99	2.68	1	0.127
Calcium	05/11/99	3770	NLE	5.081
Chromium	05/11/99	80.9	NLE	0.127
Cobalt	05/11/99	2.53	NLE	0.127
Copper	05/11/99	30.6	600	0.762
Iron	05/11/99	27600	NLE	2.540
Lead	05/11/99	69.4	100	0.508
Magnesium	05/11/99	3130	NLE	5.081
Manganese	05/11/99	121	NLE	0.127
Mercury	05/07/99	0.146	14	0.024
Nickel	05/11/99	8.83	250	0.127
Potassium	05/11/99	5170	NLE	5.081
Selenium	05/11/99	1.19	63	0.762
Silver	05/11/99	ND	110	0.762
Sodium	05/11/99	143	NLE	5.081
Thallium	05/11/99	ND	2	0.762
Vanadium	05/11/99	47.9	370	0.254
Zinc	05/11/99	164	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 #: 4443.04
Sample Received: 04/26/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-98, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	05/11/99	7130	NLE	2.702
Antimony	05/11/99	1.34	14	0.540
Arsenic	05/11/99	7.03	20	0.540
Barium	05/11/99	47.7	700	0.135
Beryllium	05/11/99	0.651	1	0.135
Cadmium	05/11/99	0.710	1	0.135
Calcium	05/11/99	5210	NLE	5.405
Chromium	05/11/99	59.9	NLE	0.135
Cobalt	05/11/99	2.15	NLE	0.135
Copper	05/11/99	27.2	600	0.811
Iron	05/11/99	19200	NLE	2.702
Lead	05/11/99	147	100	0.540
Magnesium	05/11/99	2520	NLE	5.405
Manganese	05/11/99	195	NLE	0.135
Mercury	05/07/99	0.177	14	0.030
Nickel	05/11/99	7.52	250	0.135
Potassium	05/11/99	4280	NLE	5.405
Selenium	05/11/99	ND	63	0.811
Silver	05/11/99	ND	110	0.811
Sodium	05/11/99	197	NLE	5.405
Thallium	05/11/99	ND	2	0.811
Vanadium	05/11/99	32.7	370	0.270
Zinc	05/11/99	208	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 #: 4443.06
Sample Received: 04/26/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-99, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	05/11/99	12700	NLE	2.304
Antimony	05/11/99	0.731	14	0.461
Arsenic	05/11/99	11.3	20	0.461
Barium	05/11/99	31.1	700	0.115
Beryllium	05/11/99	1.67	1	0.115
Cadmium	05/11/99	0.384	1	0.115
Calcium	05/11/99	1060	NLE	4.608
Chromium	05/11/99	188	NLE	0.115
Cobalt	05/11/99	0.852	NLE	0.115
Copper	05/11/99	8.96	600	0.691
Iron	05/11/99	42600	NLE	2.304
Lead	05/11/99	14.9	100	0.461
Magnesium	05/11/99	5910	NLE	4.608
Manganese	05/11/99	26.6	NLE	0.115
Mercury	05/07/99	0.092	14	0.023
Nickel	05/11/99	5.04	250	0.115
Potassium	05/11/99	13700	NLE	4.608
Selenium	05/11/99	1.10	63	0.691
Silver	05/11/99	ND	110	0.691
Sodium	05/11/99	118	NLE	4.608
Thallium	05/11/99	ND	2	0.691
Vanadium	05/11/99	64.8	370	0.230
Zinc	05/11/99	70.9	1500	0.230

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4443.08
Sample Received: 04/26/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-100, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	05/11/99	7660	NLE	2.239
Antimony	05/11/99	0.665	14	0.448
Arsenic	05/11/99	7.18	20	0.448
Barium	05/11/99	27.9	700	0.112
Beryllium	05/11/99	0.959	1	0.112
Cadmium	05/11/99	ND	1	0.112
Calcium	05/11/99	576	NLE	4.478
Chromium	05/11/99	108	NLE	0.112
Cobalt	05/11/99	0.742	NLE	0.112
Copper	05/11/99	6.09	600	0.672
Iron	05/11/99	27700	NLE	2.239
Lead	05/11/99	9.58	100	0.448
Magnesium	05/11/99	3170	NLE	4.478
Manganese	05/11/99	14.7	NLE	0.112
Mercury	05/07/99	0.041	14	0.022
Nickel	05/11/99	3.41	250	0.112
Potassium	05/11/99	7170	NLE	4.478
Selenium	05/11/99	1.16	63	0.672
Silver	05/11/99	ND	110	0.672
Sodium	05/11/99	104	NLE	4.478
Thallium	05/11/99	ND	2	0.672
Vanadium	05/11/99	41.0	370	0.224
Zinc	05/11/99	51.4	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 #: 4443.10
Sample Received: 04/26/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-101, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	05/11/99	10800	NLE	2.393
Antimony	05/11/99	1.06	14	0.479
Arsenic	05/11/99	7.9	20	0.479
Barium	05/11/99	50.1	700	0.120
Beryllium	05/11/99	0.757	1	0.120
Cadmium	05/11/99	0.177	1	0.120
Calcium	05/11/99	8560	NLE	4.786
Chromium	05/11/99	70.9	NLE	0.120
Cobalt	05/11/99	2.45	NLE	0.120
Copper	05/11/99	26	600	0.718
Iron	05/11/99	24400	NLE	2.393
Lead	05/11/99	57.6	100	0.479
Magnesium	05/11/99	4290	NLE	4.786
Manganese	05/11/99	267	NLE	0.120
Mercury	05/07/99	0.228	14	0.023
Nickel	05/11/99	9.28	250	0.120
Potassium	05/11/99	5130	NLE	4.786
Selenium	05/11/99	1.05	63	0.718
Silver	05/11/99	ND	110	0.718
Sodium	05/11/99	227	NLE	4.786
Thallium	05/11/99	ND	2	0.718
Vanadium	05/11/99	43.4	370	0.239
Zinc	05/11/99	130	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 #: 4446.02
Sample Received: 04/27/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-102, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	05/11/99	14100	NLE	2.116
Antimony	05/11/99	0.495	14	0.423
Arsenic	05/11/99	9.09	20	0.423
Barium	05/11/99	86.4	700	0.106
Beryllium	05/11/99	1.21	1	0.106
Cadmium	05/11/99	0.687	1	0.106
Calcium	05/11/99	3540	NLE	4.231
Chromium	05/11/99	110	NLE	0.106
Cobalt	05/11/99	3.15	NLE	0.106
Copper	05/11/99	20.8	600	0.635
Iron	05/11/99	24100	NLE	2.116
Lead	05/11/99	77.2	400	0.423
Magnesium	05/11/99	3090	NLE	4.231
Manganese	05/11/99	95.9	NLE	0.106
Mercury	05/07/99	0.119	14	0.024
Nickel	05/11/99	11.2	250	0.106
Potassium	05/11/99	6480	NLE	4.231
Selenium	05/11/99	1.35	63	0.635
Silver	05/11/99	ND	110	0.635
Sodium	05/11/99	432	NLE	4.231
Thallium	05/11/99	ND	2	0.635
Vanadium	05/11/99	54.6	370	0.212
Zinc	05/11/99	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 #: 4446.04
Sample Received: 04/27/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-103, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	05/11/99	14200	NLE	2.434
Antimony	05/11/99	0.665	14	0.487
Arsenic	05/11/99	13.6	20	0.487
Barium	05/11/99	46.6	700	0.122
Beryllium	05/11/99	1.65	1	0.122
Cadmium	05/11/99	ND	1	0.122
Calcium	05/11/99	1750	NLE	4.868
Chromium	05/11/99	166	NLE	0.122
Cobalt	05/11/99	1.85	NLE	0.122
Copper	05/11/99	15.8	600	0.730
Iron	05/11/99	47000	NLE	2.434
Lead	05/11/99	21.9	400	0.487
Magnesium	05/11/99	5810	NLE	4.868
Manganese	05/11/99	68.2	NLE	0.122
Mercury	05/07/99	0.052	14	0.026
Nickel	05/11/99	9.29	250	0.122
Potassium	05/11/99	12600	NLE	4.868
Selenium	05/11/99	0.936	63	0.730
Silver	05/11/99	ND	110	0.730
Sodium	05/11/99	124	NLE	4.868
Thallium	05/11/99	ND	2	0.730
Vanadium	05/11/99	77.6	370	0.243
Zinc	05/11/99	95.9	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 #: 4446.06
Sample Received: 04/27/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-104, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	05/11/99	14800	NLE	2.073
Antimony	05/11/99	1.16	14	0.415
Arsenic	05/11/99	13.0	20	0.415
Barium	05/11/99	39.0	700	0.104
Beryllium	05/11/99	1.43	1	0.104
Cadmium	05/11/99	ND	1	0.104
Calcium	05/11/99	1790	NLE	4.146
Chromium	05/11/99	91.6	NLE	0.104
Cobalt	05/11/99	2.49	NLE	0.104
Copper	05/11/99	16.3	600	0.622
Iron	05/11/99	40700	NLE	2.073
Lead	05/11/99	69.9	400	0.415
Magnesium	05/11/99	2640	NLE	4.146
Manganese	05/11/99	84.6	NLE	0.104
Mercury	05/07/99	8.091	14	0.128
Nickel	05/11/99	9.15	250	0.104
Potassium	05/11/99	4900	NLE	4.146
Selenium	05/11/99	0.763	63	0.622
Silver	05/11/99	ND	110	0.622
Sodium	05/11/99	142	NLE	4.146
Thallium	05/11/99	ND	2	0.622
Vanadium	05/11/99	74.8	370	0.207
Zinc	05/11/99	99.6	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 #: 4446.08
Sample Received: 04/27/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-105, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	05/11/99	15200	NLE	2.120
Antimony	05/11/99	0.692	14	0.424
Arsenic	05/11/99	10.5	20	0.424
Barium	05/11/99	35.0	700	0.106
Beryllium	05/11/99	1.15	1	0.106
Cadmium	05/11/99	ND	1	0.106
Calcium	05/11/99	1180	NLE	4.241
Chromium	05/11/99	96.2	NLE	0.106
Cobalt	05/11/99	2.56	NLE	0.106
Copper	05/11/99	9.13	600	0.636
Iron	05/11/99	35100	NLE	2.120
Lead	05/11/99	49.7	400	0.424
Magnesium	05/11/99	3480	NLE	4.241
Manganese	05/11/99	37.4	NLE	0.106
Mercury	05/07/99	5.465	14	0.087
Nickel	05/11/99	8.63	250	0.106
Potassium	05/11/99	8100	NLE	4.241
Selenium	05/11/99	ND	63	0.636
Silver	05/11/99	5.08	110	0.636
Sodium	05/11/99	142	NLE	4.241
Thallium	05/11/99	ND	2	0.636
Vanadium	05/11/99	61.6	370	0.212
Zinc	05/11/99	117	1500	0.212

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Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4446.10
Sample Received: 04/27/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-106, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	05/11/99	13100	NLE	2.583
Antimony	05/11/99	0.781	14	0.517
Arsenic	05/11/99	11.9	20	0.517
Barium	05/11/99	18.3	700	0.129
Beryllium	05/11/99	1.28	1	0.129
Cadmium	05/11/99	ND	1	0.129
Calcium	05/11/99	695	NLE	5.166
Chromium	05/11/99	147	NLE	0.129
Cobalt	05/11/99	0.955	NLE	0.129
Copper	05/11/99	9.69	600	0.775
Iron	05/11/99	36700	NLE	2.583
Lead	05/11/99	22.7	400	0.517
Magnesium	05/11/99	3950	NLE	5.166
Manganese	05/11/99	21.8	NLE	0.129
Mercury	05/07/99	0.315	14	0.023
Nickel	05/11/99	5.90	250	0.129
Potassium	05/11/99	8980	NLE	5.166
Selenium	05/11/99	1.05	63	0.775
Silver	05/11/99	ND	110	0.775
Sodium	05/11/99	125	NLE	5.166
Thallium	05/11/99	ND	2	0.775
Vanadium	05/11/99	57.8	370	0.258
Zinc	05/11/99	58.6	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 #: 4446.12
Sample Received: 04/27/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-107, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	05/11/99	8810	NLE	2.281
Antimony	05/11/99	0.903	14	0.456
Arsenic	05/11/99	7.07	20	0.456
Barium	05/11/99	34.7	700	0.114
Beryllium	05/11/99	0.708	1	0.114
Cadmium	05/11/99	ND	1	0.114
Calcium	05/11/99	4140	NLE	4.561
Chromium	05/11/99	59.7	NLE	0.114
Cobalt	05/11/99	2.97	NLE	0.114
Copper	05/11/99	35.9	600	0.684
Iron	05/11/99	23400	NLE	2.281
Lead	05/11/99	52.5	400	0.456
Magnesium	05/11/99	3060	NLE	4.561
Manganese	05/11/99	83.9	NLE	0.114
Mercury	05/07/99	0.071	14	0.023
Nickel	05/11/99	12.2	250	0.114
Potassium	05/11/99	4270	NLE	4.561
Selenium	05/11/99	0.704	63	0.684
Silver	05/11/99	ND	110	0.684
Sodium	05/11/99	146	NLE	4.561
Thallium	05/11/99	ND	2	0.684
Vanadium	05/11/99	45.7	370	0.228
Zinc	05/11/99	105	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 #: 4462.02
Sample Received: 05/04/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-108, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	05/11/99	13500	NLE	2.468
Antimony	05/11/99	0.939	14	0.494
Arsenic	05/11/99	11.9	20	0.494
Barium	05/11/99	41.9	700	0.123
Beryllium	05/11/99	1.34	1	0.123
Cadmium	05/11/99	ND	1	0.123
Calcium	05/11/99	356	NLE	4.936
Chromium	05/11/99	124	NLE	0.123
Cobalt	05/11/99	1.36	NLE	0.123
Copper	05/11/99	6.28	600	0.740
Iron	05/11/99	38700	NLE	2.468
Lead	05/11/99	10.5	400	0.494
Magnesium	05/11/99	3650	NLE	4.936
Manganese	05/11/99	32.5	NLE	0.123
Mercury	05/07/99	0.046	14	0.116
Nickel	05/11/99	6.48	250	0.123
Potassium	05/11/99	10200	NLE	4.936
Selenium	05/11/99	1.03	63	0.740
Silver	05/11/99	ND	110	0.740
Sodium	05/11/99	112	NLE	4.936
Thallium	05/11/99	ND	2	0.740
Vanadium	05/11/99	53.2	370	0.247
Zinc	05/11/99	56.0	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 #: 4462.04
Sample Received: 05/04/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-109, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	05/11/99	17600	NLE	2.474
Antimony	05/11/99	0.952	14	0.495
Arsenic	05/11/99	12.4	20	0.495
Barium	05/11/99	31.8	700	0.124
Beryllium	05/11/99	1.42	1	0.124
Cadmium	05/11/99	ND	1	0.124
Calcium	05/11/99	1200	NLE	4.947
Chromium	05/11/99	148	NLE	0.124
Cobalt	05/11/99	1.72	NLE	0.124
Copper	05/11/99	8.48	600	0.742
Iron	05/11/99	40400	NLE	2.474
Lead	05/11/99	17.0	400	0.495
Magnesium	05/11/99	4590	NLE	4.947
Manganese	05/11/99	53.6	NLE	0.124
Mercury	05/07/99	0.040	14	0.119
Nickel	05/11/99	7.49	250	0.124
Potassium	05/11/99	11800	NLE	4.947
Selenium	05/11/99	1.04	63	0.742
Silver	05/11/99	ND	110	0.742
Sodium	05/11/99	104	NLE	4.947
Thallium	05/11/99	ND	2	0.742
Vanadium	05/11/99	67.5	370	0.247
Zinc	05/11/99	89.8	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 #: 4462.06
Sample Received: 05/04/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-110, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	05/11/99	5290	NLE	2.211
Antimony	05/11/99	0.954	14	0.442
Arsenic	05/11/99	4.43	20	0.442
Barium	05/11/99	16.4	700	0.111
Beryllium	05/11/99	0.377	1	0.111
Cadmium	05/11/99	8.11	1	0.111
Calcium	05/11/99	5850	NLE	4.421
Chromium	05/11/99	41.8	NLE	0.111
Cobalt	05/11/99	1.62	NLE	0.111
Copper	05/11/99	14.5	600	0.663
Iron	05/11/99	13500	NLE	2.211
Lead	05/11/99	40.5	400	0.442
Magnesium	05/11/99	1400	NLE	4.421
Manganese	05/11/99	60.0	NLE	0.111
Mercury	05/07/99	0.045	14	0.113
Nickel	05/11/99	5.26	250	0.111
Potassium	05/11/99	2420	NLE	4.421
Selenium	05/11/99	ND	63	0.663
Silver	05/11/99	ND	110	0.663
Sodium	05/11/99	105	NLE	4.421
Thallium	05/11/99	ND	2	0.663
Vanadium	05/11/99	24.7	370	0.221
Zinc	05/11/99	47.7	1500	0.221

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Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4462.08
Sample Received: 05/04/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-111, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	05/11/99	11700	NLE	2.247
Antimony	05/11/99	0.765	14	0.449
Arsenic	05/11/99	7.79	20	0.449
Barium	05/11/99	21.0	700	0.112
Beryllium	05/11/99	0.892	1	0.112
Cadmium	05/11/99	ND	1	0.112
Calcium	05/11/99	1420	NLE	4.495
Chromium	05/11/99	79.8	NLE	0.112
Cobalt	05/11/99	1.89	NLE	0.112
Copper	05/11/99	7.48	600	0.674
Iron	05/11/99	26800	NLE	2.247
Lead	05/11/99	16.4	400	0.449
Magnesium	05/11/99	2290	NLE	4.495
Manganese	05/11/99	48.7	NLE	0.112
Mercury	05/07/99	0.031	14	0.104
Nickel	05/11/99	9.73	250	0.112
Potassium	05/11/99	5630	NLE	4.495
Selenium	05/11/99	ND	63	0.674
Silver	05/11/99	ND	110	0.674
Sodium	05/11/99	97.1	NLE	4.495
Thallium	05/11/99	ND	2	0.674
Vanadium	05/11/99	77.5	370	0.225
Zinc	05/11/99	47.6	1500	0.225

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Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4462.10
Sample Received: 05/04/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-112, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	05/11/99	8390	NLE	2.069
Antimony	05/11/99	2.10	14	0.414
Arsenic	05/11/99	23.7	20	0.414
Barium	05/11/99	200	700	0.103
Beryllium	05/11/99	0.990	1	0.103
Cadmium	05/11/99	0.569	1	0.103
Calcium	05/11/99	2730	NLE	4.137
Chromium	05/11/99	80.6	NLE	0.103
Cobalt	05/11/99	2.56	NLE	0.103
Copper	05/11/99	79.9	600	0.621
Iron	05/11/99	24900	NLE	2.069
Lead	05/11/99	107	400	0.414
Magnesium	05/11/99	2180	NLE	4.137
Manganese	05/11/99	551	NLE	0.103
Mercury	05/07/99	0.267	14	0.126
Nickel	05/11/99	8.21	250	0.103
Potassium	05/11/99	5900	NLE	4.137
Selenium	05/11/99	1.66	63	0.621
Silver	05/11/99	ND	110	0.621
Sodium	05/11/99	147	NLE	4.137
Thallium	05/11/99	ND	2	0.621
Vanadium	05/11/99	31.4	370	0.207
Zinc	05/11/99	606	1500	0.207

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Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4466.02
Sample Received: 05/06/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-113, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	05/11/99	8310	NLE	2.429
Antimony	05/11/99	1.11	14	0.486
Arsenic	05/11/99	8.96	20	0.486
Barium	05/11/99	28.4	700	0.121
Beryllium	05/11/99	0.702	1	0.121
Cadmium	05/11/99	ND	1	0.121
Calcium	05/11/99	1350	NLE	4.858
Chromium	05/11/99	64.9	NLE	0.121
Cobalt	05/11/99	1.72	NLE	0.121
Copper	05/11/99	19.5	600	0.729
Iron	05/11/99	18800	NLE	2.429
Lead	05/11/99	48.1	400	0.486
Magnesium	05/11/99	1680	NLE	4.858
Manganese	05/11/99	49.9	NLE	0.121
Mercury	05/26/99	0.153	14	0.020
Nickel	05/11/99	6.40	250	0.121
Potassium	05/11/99	4080	NLE	4.858
Selenium	05/11/99	1.07	63	0.729
Silver	05/11/99	ND	110	0.729
Sodium	05/11/99	89.1	NLE	4.858
Thallium	05/11/99	ND	2	0.729
Vanadium	05/11/99	33.4	370	0.243
Zinc	05/11/99	95.5	1500	0.243

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Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4466.04
Sample Received: 05/06/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-114, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	05/11/99	9570	NLE	2.279
Antimony	05/11/99	1.24	14	0.456
Arsenic	05/11/99	8.85	20	0.456
Barium	05/11/99	26.3	700	0.114
Beryllium	05/11/99	0.754	1	0.114
Cadmium	05/11/99	4.30	1	0.114
Calcium	05/11/99	1790	NLE	4.558
Chromium	05/11/99	64.1	NLE	0.114
Cobalt	05/11/99	2.74	NLE	0.114
Copper	05/11/99	26.6	600	0.684
Iron	05/11/99	26000	NLE	2.279
Lead	05/11/99	37.9	400	0.456
Magnesium	05/11/99	2140	NLE	4.558
Manganese	05/11/99	69.7	NLE	0.114
Mercury	05/26/99	0.073	14	0.025
Nickel	05/11/99	7.32	250	0.114
Potassium	05/11/99	4490	NLE	4.558
Selenium	05/11/99	0.781	63	0.684
Silver	05/11/99	ND	110	0.684
Sodium	05/11/99	178	NLE	4.558
Thallium	05/11/99	ND	2	0.684
Vanadium	05/11/99	44.9	370	0.228
Zinc	05/11/99	83.9	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 #: 4466.06
Sample Received: 05/06/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-115, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	05/11/99	11500	NLE	2.328
Antimony	05/11/99	0.720	14	0.466
Arsenic	05/11/99	10.7	20	0.466
Barium	05/11/99	32.6	700	0.116
Beryllium	05/11/99	0.762	1	0.116
Cadmium	05/11/99	ND	1	0.116
Calcium	05/11/99	3650	NLE	4.656
Chromium	05/11/99	79.7	NLE	0.116
Cobalt	05/11/99	2.32	NLE	0.116
Copper	05/11/99	15.1	600	0.698
Iron	05/11/99	25600	NLE	2.328
Lead	05/11/99	30.4	400	0.466
Magnesium	05/11/99	2190	NLE	4.656
Manganese	05/11/99	212	NLE	0.116
Mercury	05/26/99	0.071	14	0.023
Nickel	05/11/99	7.96	250	0.116
Potassium	05/11/99	4130	NLE	4.656
Selenium	05/11/99	0.808	63	0.698
Silver	05/11/99	ND	110	0.698
Sodium	05/11/99	201	NLE	4.656
Thallium	05/11/99	ND	2	0.698
Vanadium	05/11/99	43.3	370	0.233
Zinc	05/11/99	87.2	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 #: 4466.08
Sample Received: 05/06/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-116, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	05/11/99	5010	NLE	1.938
Antimony	05/11/99	1.28	14	0.388
Arsenic	05/11/99	4.37	20	0.388
Barium	05/11/99	11.5	700	0.097
Beryllium	05/11/99	0.327	1	0.097
Cadmium	05/11/99	ND	1	0.097
Calcium	05/11/99	852	NLE	3.877
Chromium	05/11/99	58.3	NLE	0.097
Cobalt	05/11/99	1.15	NLE	0.097
Copper	05/11/99	15.2	600	0.582
Iron	05/11/99	14000	NLE	1.938
Lead	05/11/99	16.1	400	0.388
Magnesium	05/11/99	799	NLE	3.877
Manganese	05/11/99	41.4	NLE	0.097
Mercury	05/26/99	ND	14	0.024
Nickel	05/11/99	3.01	250	0.097
Potassium	05/11/99	1880	NLE	3.877
Selenium	05/11/99	ND	63	0.582
Silver	05/11/99	ND	110	0.582
Sodium	05/11/99	218	NLE	3.877
Thallium	05/11/99	ND	2	0.582
Vanadium	05/11/99	43.1	370	0.194
Zinc	05/11/99	52.4	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 #: 4466.10
Sample Received: 05/06/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-117, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	05/11/99	16200	NLE	2.434
Antimony	05/11/99	0.789	14	0.487
Arsenic	05/11/99	17.1	20	0.487
Barium	05/11/99	42.5	700	0.122
Beryllium	05/11/99	1.38	1	0.122
Cadmium	05/11/99	ND	1	0.122
Calcium	05/11/99	2850	NLE	4.868
Chromium	05/11/99	143	NLE	0.122
Cobalt	05/11/99	2.46	NLE	0.122
Copper	05/11/99	29.0	600	0.730
Iron	05/11/99	40600	NLE	2.434
Lead	05/11/99	42.1	400	0.487
Magnesium	05/11/99	4660	NLE	4.868
Manganese	05/11/99	153	NLE	0.122
Mercury	05/26/99	0.080	14	0.027
Nickel	05/11/99	69.4	250	0.122
Potassium	05/11/99	11300	NLE	4.868
Selenium	05/11/99	0.897	63	0.730
Silver	05/11/99	ND	110	0.730
Sodium	05/11/99	215	NLE	4.868
Thallium	05/11/99	ND	2	0.730
Vanadium	05/11/99	59.8	370	0.243
Zinc	05/11/99	102	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 #: 4466.12
Sample Received: 05/06/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-118, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	05/11/99	10100	NLE	1.998
Antimony	05/11/99	0.538	14	0.400
Arsenic	05/11/99	5.19	20	0.400
Barium	05/11/99	21.7	700	0.100
Beryllium	05/11/99	0.383	1	0.100
Cadmium	05/11/99	0.802	1	0.100
Calcium	05/11/99	275	NLE	3.996
Chromium	05/11/99	44.0	NLE	0.100
Cobalt	05/11/99	1.39	NLE	0.100
Copper	05/11/99	7.12	600	0.599
Iron	05/11/99	15400	NLE	1.998
Lead	05/11/99	8.74	400	0.400
Magnesium	05/11/99	899	NLE	3.996
Manganese	05/11/99	54.7	NLE	0.100
Mercury	05/26/99	0.035	14	0.023
Nickel	05/11/99	4.46	250	0.100
Potassium	05/11/99	2320	NLE	3.996
Selenium	05/11/99	ND	63	0.599
Silver	05/11/99	ND	110	0.599
Sodium	05/11/99	58.2	NLE	3.996
Thallium	05/11/99	ND	2	0.599
Vanadium	05/11/99	35.6	370	0.200
Zinc	05/11/99	35.2	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 #: 4468.02
Sample Received: 05/07/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-119, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	05/11/99	18400	NLE	2.330
Antimony	05/11/99	1.25	14	0.466
Arsenic	05/11/99	17.7	20	0.466
Barium	05/11/99	19.7	700	0.117
Beryllium	05/11/99	1.52	1	0.117
Cadmium	05/11/99	ND	1	0.117
Calcium	05/11/99	868	NLE	4.661
Chromium	05/11/99	135	NLE	0.117
Cobalt	05/11/99	2.02	NLE	0.117
Copper	05/11/99	12.9	600	0.699
Iron	05/11/99	45400	NLE	2.330
Lead	05/11/99	30.4	400	0.466
Magnesium	05/11/99	4540	NLE	4.661
Manganese	05/11/99	52.9	NLE	0.117
Mercury	05/26/99	0.043	14	0.020
Nickel	05/11/99	8.97	250	0.117
Potassium	05/11/99	11600	NLE	4.661
Selenium	05/11/99	1.34	63	0.699
Silver	05/11/99	ND	110	0.699
Sodium	05/11/99	132	NLE	4.661
Thallium	05/11/99	ND	2	0.699
Vanadium	05/11/99	63.1	370	0.233
Zinc	05/11/99	70.5	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 #: 4468.04
Sample Received: 05/07/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-120, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	05/11/99	13200	NLE	2.363
Antimony	05/11/99	0.913	14	0.473
Arsenic	05/11/99	15.5	20	0.473
Barium	05/11/99	29.8	700	0.118
Beryllium	05/11/99	1.19	1	0.118
Cadmium	05/11/99	ND	1	0.118
Calcium	05/11/99	1640	NLE	4.726
Chromium	05/11/99	128	NLE	0.118
Cobalt	05/11/99	1.38	NLE	0.118
Copper	05/11/99	21.8	600	0.709
Iron	05/11/99	33200	NLE	2.363
Lead	05/11/99	30.1	400	0.473
Magnesium	05/11/99	3770	NLE	4.726
Manganese	05/11/99	57.0	NLE	0.118
Mercury	05/26/99	0.063	14	0.026
Nickel	05/11/99	6.78	250	0.118
Potassium	05/11/99	9600	NLE	4.726
Selenium	05/11/99	0.817	63	0.709
Silver	05/11/99	ND	110	0.709
Sodium	05/11/99	247	NLE	4.726
Thallium	05/11/99	ND	2	0.709
Vanadium	05/11/99	51.1	370	0.236
Zinc	05/11/99	71.7	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 #: 4468.06
Sample Received: 05/07/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-121, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	05/11/99	17700	NLE	2.386
Antimony	05/11/99	0.942	14	0.477
Arsenic	05/11/99	12.4	20	0.477
Barium	05/11/99	37.4	700	0.119
Beryllium	05/11/99	1.13	1	0.119
Cadmium	05/11/99	ND	1	0.119
Calcium	05/11/99	1170	NLE	4.772
Chromium	05/11/99	111	NLE	0.119
Cobalt	05/11/99	2.39	NLE	0.119
Copper	05/11/99	20.0	600	0.716
Iron	05/11/99	33300	NLE	2.386
Lead	05/11/99	32.0	400	0.477
Magnesium	05/11/99	3310	NLE	4.772
Manganese	05/11/99	51.8	NLE	0.119
Mercury	05/26/99	0.269	14	0.025
Nickel	05/11/99	7.78	250	0.119
Potassium	05/11/99	8270	NLE	4.772
Selenium	05/11/99	0.913	63	0.716
Silver	05/11/99	ND	110	0.716
Sodium	05/11/99	203	NLE	4.772
Thallium	05/11/99	ND	2	0.716
Vanadium	05/11/99	65.2	370	0.239
Zinc	05/11/99	62.3	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 #: 4468.08
Sample Received: 05/07/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-122, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	05/11/99	12000	NLE	2.033
Antimony	05/11/99	0.570	14	0.407
Arsenic	05/11/99	10.1	20	0.407
Barium	05/11/99	20.4	700	0.102
Beryllium	05/11/99	1.18	1	0.102
Cadmium	05/11/99	ND	1	0.102
Calcium	05/11/99	705	NLE	4.067
Chromium	05/11/99	99.0	NLE	0.102
Cobalt	05/11/99	1.86	NLE	0.102
Copper	05/11/99	9.03	600	0.610
Iron	05/11/99	34500	NLE	2.033
Lead	05/11/99	9.95	400	0.407
Magnesium	05/11/99	3180	NLE	4.067
Manganese	05/11/99	37.5	NLE	0.102
Mercury	05/26/99	0.040	14	0.024
Nickel	05/11/99	6.58	250	0.102
Potassium	05/11/99	9010	NLE	4.067
Selenium	05/11/99	ND	63	0.610
Silver	05/11/99	ND	110	0.610
Sodium	05/11/99	131	NLE	4.067
Thallium	05/11/99	ND	2	0.610
Vanadium	05/11/99	50.7	370	0.203
Zinc	05/11/99	54.1	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 #: 4468.10
Sample Received: 05/07/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-123, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	05/11/99	17200	NLE	1.978
Antimony	05/11/99	1.12	14	0.396
Arsenic	05/11/99	13.2	20	0.396
Barium	05/11/99	38.7	700	0.099
Beryllium	05/11/99	1.32	1	0.099
Cadmium	05/11/99	ND	1	0.099
Calcium	05/11/99	3480	NLE	3.955
Chromium	05/11/99	157	NLE	0.099
Cobalt	05/11/99	2.88	NLE	0.099
Copper	05/11/99	25.5	600	0.593
Iron	05/11/99	40400	NLE	1.978
Lead	05/11/99	36.5	400	0.396
Magnesium	05/11/99	4520	NLE	3.955
Manganese	05/11/99	298	NLE	0.099
Mercury	05/26/99	0.054	14	0.025
Nickel	05/11/99	9.28	250	0.099
Potassium	05/11/99	10100	NLE	3.955
Selenium	05/11/99	1.08	63	0.593
Silver	05/11/99	ND	110	0.593
Sodium	05/11/99	222	NLE	3.955
Thallium	05/11/99	ND	2	0.593
Vanadium	05/11/99	65.6	370	0.198
Zinc	05/11/99	95.6	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 #: 4468.12
Sample Received: 05/07/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-124, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	05/11/99	18600	NLE	2.155
Antimony	05/11/99	0.932	14	0.431
Arsenic	05/11/99	15.6	20	0.431
Barium	05/11/99	49.9	700	0.108
Beryllium	05/11/99	1.68	1	0.108
Cadmium	05/11/99	0.885	1	0.108
Calcium	05/11/99	2810	NLE	4.309
Chromium	05/11/99	136	NLE	0.108
Cobalt	05/11/99	3.64	NLE	0.108
Copper	05/11/99	21.4	600	0.646
Iron	05/11/99	48900	NLE	2.155
Lead	05/11/99	43.3	400	0.431
Magnesium	05/11/99	4670	NLE	4.309
Manganese	05/11/99	147	NLE	0.108
Mercury	05/26/99	0.099	14	0.024
Nickel	05/11/99	11.2	250	0.108
Potassium	05/11/99	12700	NLE	4.309
Selenium	05/11/99	1.02	63	0.646
Silver	05/11/99	ND	110	0.646
Sodium	05/11/99	199	NLE	4.309
Thallium	05/11/99	ND	2	0.646
Vanadium	05/11/99	63.1	370	0.215
Zinc	05/11/99	125	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 #: 4468.14
Sample Received: 05/07/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-125, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	05/11/99	12800	NLE	2.383
Antimony	05/11/99	1.10	14	0.477
Arsenic	05/11/99	10.4	20	0.477
Barium	05/11/99	37.6	700	0.119
Beryllium	05/11/99	0.949	1	0.119
Cadmium	05/11/99	ND	1	0.119
Calcium	05/11/99	2710	NLE	4.766
Chromium	05/11/99	97.5	NLE	0.119
Cobalt	05/11/99	2.84	NLE	0.119
Copper	05/11/99	22.9	600	0.715
Iron	05/11/99	30700	NLE	2.383
Lead	05/11/99	47.6	400	0.477
Magnesium	05/11/99	3320	NLE	4.766
Manganese	05/11/99	175	NLE	0.119
Mercury	05/26/99	0.101	14	0.028
Nickel	05/11/99	17.0	250	0.119
Potassium	05/11/99	7370	NLE	4.766
Selenium	05/11/99	0.902	63	0.715
Silver	05/11/99	ND	110	0.715
Sodium	05/11/99	222	NLE	4.766
Thallium	05/11/99	ND	2	0.715
Vanadium	05/11/99	49.9	370	0.238
Zinc	05/11/99	125	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 #: 4468.16
Sample Received: 05/07/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-126, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	05/11/99	5780	NLE	2.094
Antimony	05/11/99	1.02	14	0.419
Arsenic	05/11/99	4.47	20	0.419
Barium	05/11/99	9.70	700	0.105
Beryllium	05/11/99	0.290	1	0.105
Cadmium	05/11/99	ND	1	0.105
Calcium	05/11/99	111	NLE	4.189
Chromium	05/11/99	30.9	NLE	0.105
Cobalt	05/11/99	1.08	NLE	0.105
Copper	05/11/99	4.32	600	0.628
Iron	05/11/99	13100	NLE	2.094
Lead	05/11/99	5.27	400	0.419
Magnesium	05/11/99	575	NLE	4.189
Manganese	05/11/99	35.3	NLE	0.105
Mercury	05/26/99	0.066	14	0.018
Nickel	05/11/99	3.53	250	0.105
Potassium	05/11/99	1450	NLE	4.189
Selenium	05/11/99	0.711	63	0.628
Silver	05/11/99	ND	110	0.628
Sodium	05/11/99	94.4	NLE	4.189
Thallium	05/11/99	ND	2	0.628
Vanadium	05/11/99	26.5	370	0.209
Zinc	05/11/99	29.6	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 #: 4468.18
Sample Received: 05/07/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-127, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	05/11/99	12600	NLE	2.368
Antimony	05/11/99	1.10	14	0.474
Arsenic	05/11/99	21.2	20	0.474
Barium	05/11/99	19.2	700	0.118
Beryllium	05/11/99	1.01	1	0.118
Cadmium	05/11/99	ND	1	0.118
Calcium	05/11/99	1260	NLE	4.736
Chromium	05/11/99	103	NLE	0.118
Cobalt	05/11/99	1.30	NLE	0.118
Copper	05/11/99	12.1	600	0.710
Iron	05/11/99	29000	NLE	2.368
Lead	05/11/99	18.7	400	0.474
Magnesium	05/11/99	2430	NLE	4.736
Manganese	05/11/99	56.1	NLE	0.118
Mercury	05/26/99	0.153	14	0.025
Nickel	05/11/99	6.12	250	0.118
Potassium	05/11/99	5980	NLE	4.736
Selenium	05/11/99	2.28	63	0.710
Silver	05/11/99	ND	110	0.710
Sodium	05/11/99	111	NLE	4.736
Thallium	05/11/99	ND	2	0.710
Vanadium	05/11/99	40.0	370	0.237
Zinc	05/11/99	72.0	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 #: 4472.02
Sample Received: 05/10/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-128, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/10/99	11000	NLE	2.388
Antimony	06/10/99	1.43	14	0.478
Arsenic	06/10/99	10.3	20	0.478
Barium	06/10/99	33.8	700	0.119
Beryllium	06/10/99	0.907	1	0.119
Cadmium	06/10/99	1.34	1	0.119
Calcium	06/10/99	2530	NLE	4.777
Chromium	06/10/99	170	NLE	0.119
Cobalt	06/10/99	2.46	NLE	0.119
Copper	06/10/99	20.5	600	0.716
Iron	06/10/99	28500	NLE	2.388
Lead	06/10/99	41.9	100	0.478
Magnesium	06/10/99	3590	NLE	4.777
Manganese	06/10/99	164	NLE	0.119
Mercury	06/09/99	0.619	14	0.024
Nickel	06/10/99	9.27	250	0.119
Potassium	06/10/99	6860	NLE	4.777
Selenium	06/10/99	1.27	63	0.716
Silver	06/10/99	ND	110	0.716
Sodium	06/10/99	141	NLE	4.777
Thallium	06/10/99	ND	2	0.716
Vanadium	06/10/99	48.3	370	0.239
Zinc	06/10/99	83.7	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 #: 4472.04
Sample Received: 05/10/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-129, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/10/99	10500	NLE	2.381
Antimony	06/10/99	0.861	14	0.476
Arsenic	06/10/99	8.70	20	0.476
Barium	06/10/99	35.3	700	0.119
Beryllium	06/10/99	0.816	1	0.119
Cadmium	06/10/99	0.595	1	0.119
Calcium	06/10/99	1930	NLE	4.762
Chromium	06/10/99	81.4	NLE	0.119
Cobalt	06/10/99	2.29	NLE	0.119
Copper	06/10/99	19.9	600	0.714
Iron	06/10/99	25500	NLE	2.381
Lead	06/10/99	72.7	100	0.476
Magnesium	06/10/99	2800	NLE	4.762
Manganese	06/10/99	66.0	NLE	0.119
Mercury	06/09/99	1.571	14	0.027
Nickel	06/10/99	7.78	250	0.119
Potassium	06/10/99	5660	NLE	4.762
Selenium	06/10/99	1.36	63	0.714
Silver	06/10/99	ND	110	0.714
Sodium	06/10/99	158	NLE	4.762
Thallium	06/10/99	ND	2	0.714
Vanadium	06/10/99	50.0	370	0.238
Zinc	06/10/99	87.4	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 #: 4472.06
Sample Received: 05/10/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-130, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/10/99	12100	NLE	2.164
Antimony	06/10/99	1.10	14	0.433
Arsenic	06/10/99	19.4	20	0.433
Barium	06/10/99	42.5	700	0.108
Beryllium	06/10/99	1.15	1	0.108
Cadmium	06/10/99	0.699	1	0.108
Calcium	06/10/99	5190	NLE	4.327
Chromium	06/10/99	175	NLE	0.108
Cobalt	06/10/99	2.13	NLE	0.108
Copper	06/10/99	24.3	600	0.649
Iron	06/10/99	44500	NLE	2.164
Lead	06/10/99	29.8	100	0.433
Magnesium	06/10/99	4380	NLE	4.327
Manganese	06/10/99	503	NLE	0.108
Mercury	06/09/99	0.585	14	0.024
Nickel	06/10/99	7.67	250	0.108
Potassium	06/10/99	8260	NLE	4.327
Selenium	06/10/99	2.70	63	0.649
Silver	06/10/99	ND	110	0.649
Sodium	06/10/99	928	NLE	4.327
Thallium	06/10/99	ND	2	0.649
Vanadium	06/10/99	52.6	370	0.216
Zinc	06/10/99	90.3	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 #: 4472.08
Sample Received: 05/10/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-131, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/10/99	17300	NLE	2.194
Antimony	06/10/99	1.16	14	0.439
Arsenic	06/10/99	15.1	20	0.439
Barium	06/10/99	54.3	700	0.110
Beryllium	06/10/99	1.82	1	0.110
Cadmium	06/10/99	0.697	1	0.110
Calcium	06/10/99	800	NLE	4.388
Chromium	06/10/99	235	NLE	0.110
Cobalt	06/10/99	1.04	NLE	0.110
Copper	06/10/99	11.8	600	0.658
Iron	06/10/99	56500	NLE	2.194
Lead	06/10/99	11.2	100	0.439
Magnesium	06/10/99	7390	NLE	4.388
Manganese	06/10/99	31.0	NLE	0.110
Mercury	06/09/99	0.292	14	0.026
Nickel	06/10/99	7.75	250	0.110
Potassium	06/10/99	16900	NLE	4.388
Selenium	06/10/99	3.06	63	0.658
Silver	06/10/99	ND	110	0.658
Sodium	06/10/99	869	NLE	4.388
Thallium	06/10/99	ND	2	0.658
Vanadium	06/10/99	71.9	370	0.219
Zinc	06/10/99	81.0	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 #: 4472.10
Sample Received: 05/10/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-132, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/10/99	12500	NLE	2.099
Antimony	06/10/99	0.712	14	0.420
Arsenic	06/10/99	11.0	20	0.420
Barium	06/10/99	32.4	700	0.105
Beryllium	06/10/99	1.28	1	0.105
Cadmium	06/10/99	0.563	1	0.105
Calcium	06/10/99	2610	NLE	4.197
Chromium	06/10/99	104	NLE	0.105
Cobalt	06/10/99	2.63	NLE	0.105
Copper	06/10/99	11.0	600	0.630
Iron	06/10/99	39300	NLE	2.099
Lead	06/10/99	28.4	100	0.420
Magnesium	06/10/99	4170	NLE	4.197
Manganese	06/10/99	87.8	NLE	0.105
Mercury	06/09/99	0.244	14	0.023
Nickel	06/10/99	9.48	250	0.105
Potassium	06/10/99	9620	NLE	4.197
Selenium	06/10/99	1.02	63	0.630
Silver	06/10/99	ND	110	0.630
Sodium	06/10/99	367	NLE	4.197
Thallium	06/10/99	ND	2	0.630
Vanadium	06/10/99	53.6	370	0.210
Zinc	06/10/99	66.4	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 #: 4472.12
Sample Received: 05/10/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-133, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/10/99	5940	NLE	2.042
Antimony	06/10/99	ND	14	0.408
Arsenic	06/10/99	4.56	20	0.408
Barium	06/10/99	24.0	700	0.102
Beryllium	06/10/99	0.331	1	0.102
Cadmium	06/10/99	0.246	1	0.102
Calcium	06/10/99	353	NLE	4.083
Chromium	06/10/99	37.3	NLE	0.102
Cobalt	06/10/99	1.52	NLE	0.102
Copper	06/10/99	10.8	600	0.613
Iron	06/10/99	14400	NLE	2.042
Lead	06/10/99	10.5	100	0.408
Magnesium	06/10/99	899	NLE	4.083
Manganese	06/10/99	65.2	NLE	0.102
Mercury	06/09/99	0.161	14	0.021
Nickel	06/10/99	3.71	250	0.102
Potassium	06/10/99	1930	NLE	4.083
Selenium	06/10/99	0.808	63	0.613
Silver	06/10/99	ND	110	0.613
Sodium	06/10/99	419	NLE	4.083
Thallium	06/10/99	ND	2	0.613
Vanadium	06/10/99	32.9	370	0.204
Zinc	06/10/99	51.7	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 #: 4472.14
Sample Received: 05/10/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-134, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/10/99	8930	NLE	1.826
Antimony	06/10/99	ND	14	0.365
Arsenic	06/10/99	4.20	20	0.365
Barium	06/10/99	16.8	700	0.091
Beryllium	06/10/99	0.359	1	0.091
Cadmium	06/10/99	0.217	1	0.091
Calcium	06/10/99	180	NLE	3.651
Chromium	06/10/99	37.6	NLE	0.091
Cobalt	06/10/99	1.46	NLE	0.091
Copper	06/10/99	4.30	600	0.548
Iron	06/10/99	15100	NLE	1.826
Lead	06/10/99	5.79	100	0.365
Magnesium	06/10/99	993	NLE	3.651
Manganese	06/10/99	38.6	NLE	0.091
Mercury	06/09/99	0.241	14	0.021
Nickel	06/10/99	4.00	250	0.091
Potassium	06/10/99	2330	NLE	3.651
Selenium	06/10/99	ND	63	0.548
Silver	06/10/99	ND	110	0.548
Sodium	06/10/99	78.6	NLE	3.651
Thallium	06/10/99	ND	2	0.548
Vanadium	06/10/99	32.7	370	0.183
Zinc	06/10/99	18.4	1500	0.183

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4472.16
Sample Received: 05/10/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-135, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/10/99	12500	NLE	2.299
Antimony	06/10/99	1.19	14	0.460
Arsenic	06/10/99	16.2	20	0.460
Barium	06/10/99	29.6	700	0.115
Beryllium	06/10/99	1.06	1	0.115
Cadmium	06/10/99	1.21	1	0.115
Calcium	06/10/99	1910	NLE	4.598
Chromium	06/10/99	115	NLE	0.115
Cobalt	06/10/99	1.72	NLE	0.115
Copper	06/10/99	28.8	600	0.690
Iron	06/10/99	33100	NLE	2.299
Lead	06/10/99	36.9	100	0.460
Magnesium	06/10/99	3750	NLE	4.598
Manganese	06/10/99	66.2	NLE	0.115
Mercury	06/09/99	0.627	14	0.024
Nickel	06/10/99	8.01	250	0.115
Potassium	06/10/99	7480	NLE	4.598
Selenium	06/10/99	1.74	63	0.690
Silver	06/10/99	1.58	110	0.690
Sodium	06/10/99	888	NLE	4.598
Thallium	06/10/99	ND	2	0.690
Vanadium	06/10/99	59.5	370	0.230
Zinc	06/10/99	78.3	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 #: 4472.18
Sample Received: 05/10/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-136, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/10/99	7700	NLE	2.377
Antimony	06/10/99	0.903	14	0.475
Arsenic	06/10/99	14.9	20	0.475
Barium	06/10/99	83.4	700	0.119
Beryllium	06/10/99	1.12	1	0.119
Cadmium	06/10/99	0.413	1	0.119
Calcium	06/10/99	2110	NLE	4.754
Chromium	06/10/99	113	NLE	0.119
Cobalt	06/10/99	1.24	NLE	0.119
Copper	06/10/99	11.0	600	0.713
Iron	06/10/99	32000	NLE	2.377
Lead	06/10/99	13.4	100	0.475
Magnesium	06/10/99	3950	NLE	4.754
Manganese	06/10/99	50.5	NLE	0.119
Mercury	06/09/99	0.202	14	0.024
Nickel	06/10/99	5.68	250	0.119
Potassium	06/10/99	9840	NLE	4.754
Selenium	06/10/99	3.15	63	0.713
Silver	06/10/99	ND	110	0.713
Sodium	06/10/99	159	NLE	4.754
Thallium	06/10/99	ND	2	0.713
Vanadium	06/10/99	31.0	370	0.238
Zinc	06/10/99	109	1500	0.238

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 #: 4472.20
Sample Received: 05/10/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-137, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/10/99	9250	NLE	2.166
Antimony	06/10/99	0.971	14	0.433
Arsenic	06/10/99	6.79	20	0.433
Barium	06/10/99	27.2	700	0.108
Beryllium	06/10/99	0.697	1	0.108
Cadmium	06/10/99	0.681	1	0.108
Calcium	06/10/99	1710	NLE	4.331
Chromium	06/10/99	63.8	NLE	0.108
Cobalt	06/10/99	2.08	NLE	0.108
Copper	06/10/99	11.9	600	0.650
Iron	06/10/99	23400	NLE	2.166
Lead	06/10/99	40.4	100	0.433
Magnesium	06/10/99	2400	NLE	4.331
Manganese	06/10/99	62.6	NLE	0.108
Mercury	06/09/99	0.190	14	0.026
Nickel	06/10/99	7.74	250	0.108
Potassium	06/10/99	5040	NLE	4.331
Selenium	06/10/99	1.15	63	0.650
Silver	06/10/99	ND	110	0.650
Sodium	06/10/99	162	NLE	4.331
Thallium	06/10/99	ND	2	0.650
Vanadium	06/10/99	52.1	370	0.217
Zinc	06/10/99	63.7	1500	0.217

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
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NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4472.22
Sample Received: 05/10/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-138, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/10/99	6700	NLE	2.271
Antimony	06/10/99	3.40	14	0.454
Arsenic	06/10/99	6.90	20	0.454
Barium	06/10/99	38.8	700	0.114
Beryllium	06/10/99	0.564	1	0.114
Cadmium	06/10/99	0.328	1	0.114
Calcium	06/10/99	1710	NLE	4.542
Chromium	06/10/99	41.9	NLE	0.114
Cobalt	06/10/99	4.96	NLE	0.114
Copper	06/10/99	51.8	600	0.681
Iron	06/10/99	20300	NLE	2.271
Lead	06/10/99	37.4	100	0.454
Magnesium	06/10/99	2160	NLE	4.542
Manganese	06/10/99	59.4	NLE	0.114
Mercury	06/09/99	0.522	14	0.025
Nickel	06/10/99	8.55	250	0.114
Potassium	06/10/99	3070	NLE	4.542
Selenium	06/10/99	ND	63	0.681
Silver	06/10/99	ND	110	0.681
Sodium	06/10/99	197	NLE	4.542
Thallium	06/10/99	ND	2	0.681
Vanadium	06/10/99	31.2	370	0.227
Zinc	06/10/99	122	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 #: 4472.24
Sample Received: 05/10/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-139, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/10/99	12000	NLE	2.423
Antimony	06/10/99	0.868	14	0.485
Arsenic	06/10/99	13.7	20	0.485
Barium	06/10/99	40.1	700	0.121
Beryllium	06/10/99	1.12	1	0.121
Cadmium	06/10/99	0.573	1	0.121
Calcium	06/10/99	1820	NLE	4.845
Chromium	06/10/99	99.7	NLE	0.121
Cobalt	06/10/99	2.61	NLE	0.121
Copper	06/10/99	11.2	600	0.727
Iron	06/10/99	35900	NLE	2.423
Lead	06/10/99	18.0	100	0.485
Magnesium	06/10/99	4090	NLE	4.845
Manganese	06/10/99	68.7	NLE	0.121
Mercury	06/09/99	0.282	14	0.026
Nickel	06/10/99	8.10	250	0.121
Potassium	06/10/99	9380	NLE	4.845
Selenium	06/10/99	1.57	63	0.727
Silver	06/10/99	ND	110	0.727
Sodium	06/10/99	150	NLE	4.845
Thallium	06/10/99	ND	2	0.727
Vanadium	06/10/99	51.6	370	0.242
Zinc	06/10/99	94.6	1500	0.242

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4472.26
Sample Received: 05/10/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-140, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/10/99	4170	NLE	2.079
Antimony	06/10/99	ND	14	0.416
Arsenic	06/10/99	5.02	20	0.416
Barium	06/10/99	17.5	700	0.104
Beryllium	06/10/99	0.399	1	0.104
Cadmium	06/10/99	0.382	1	0.104
Calcium	06/10/99	6300	NLE	4.159
Chromium	06/10/99	41.7	NLE	0.104
Cobalt	06/10/99	1.71	NLE	0.104
Copper	06/10/99	14.7	600	0.624
Iron	06/10/99	14600	NLE	2.079
Lead	06/10/99	30.0	100	0.416
Magnesium	06/10/99	3700	NLE	4.159
Manganese	06/10/99	120	NLE	0.104
Mercury	06/09/99	0.207	14	0.023
Nickel	06/10/99	5.56	250	0.104
Potassium	06/10/99	2790	NLE	4.159
Selenium	06/10/99	0.708	63	0.624
Silver	06/10/99	ND	110	0.624
Sodium	06/10/99	334	NLE	4.159
Thallium	06/10/99	ND	2	0.624
Vanadium	06/10/99	22.6	370	0.208
Zinc	06/10/99	56.5	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 #: 4472.28
Sample Received: 05/10/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-141, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/10/99	7960	NLE	2.270
Antimony	06/10/99	0.681	14	0.454
Arsenic	06/10/99	7.29	20	0.454
Barium	06/10/99	44.6	700	0.114
Beryllium	06/10/99	0.660	1	0.114
Cadmium	06/10/99	0.406	1	0.114
Calcium	06/10/99	1410	NLE	4.541
Chromium	06/10/99	62.3	NLE	0.114
Cobalt	06/10/99	2.17	NLE	0.114
Copper	06/10/99	11.8	600	0.681
Iron	06/10/99	18800	NLE	2.270
Lead	06/10/99	29.2	100	0.454
Magnesium	06/10/99	2020	NLE	4.541
Manganese	06/10/99	90.7	NLE	0.114
Mercury	06/09/99	0.213	14	0.023
Nickel	06/10/99	6.06	250	0.114
Potassium	06/10/99	4070	NLE	4.541
Selenium	06/10/99	1.01	63	0.681
Silver	06/10/99	ND	110	0.681
Sodium	06/10/99	245	NLE	4.541
Thallium	06/10/99	ND	2	0.681
Vanadium	06/10/99	36.3	370	0.227
Zinc	06/10/99	54.9	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 #: 4472.30
Sample Received: 05/10/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-142, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/10/99	5100	NLE	1.982
Antimony	06/10/99	ND	14	0.396
Arsenic	06/10/99	3.81	20	0.396
Barium	06/10/99	8.96	700	0.099
Beryllium	06/10/99	0.281	1	0.099
Cadmium	06/10/99	0.252	1	0.099
Calcium	06/10/99	117	NLE	3.964
Chromium	06/10/99	32.1	NLE	0.099
Cobalt	06/10/99	1.32	NLE	0.099
Copper	06/10/99	3.93	600	0.595
Iron	06/10/99	13600	NLE	1.982
Lead	06/10/99	4.95	100	0.396
Magnesium	06/10/99	696	NLE	3.964
Manganese	06/10/99	33.6	NLE	0.099
Mercury	06/09/99	0.161	14	0.023
Nickel	06/10/99	3.28	250	0.099
Potassium	06/10/99	1480	NLE	3.964
Selenium	06/10/99	ND	63	0.595
Silver	06/10/99	ND	110	0.595
Sodium	06/10/99	110	NLE	3.964
Thallium	06/10/99	ND	2	0.595
Vanadium	06/10/99	28.6	370	0.198
Zinc	06/10/99	15.6	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 #: 4475.02
Sample Received: 05/11/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-142A, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/10/99	6510	NLE	2.234
Antimony	06/10/99	0.939	14	0.447
Arsenic	06/10/99	7.77	20	0.447
Barium	06/10/99	13.2	700	0.112
Beryllium	06/10/99	0.751	1	0.112
Cadmium	06/10/99	0.369	1	0.112
Calcium	06/10/99	384	NLE	4.468
Chromium	06/10/99	54.7	NLE	0.112
Cobalt	06/10/99	1.31	NLE	0.112
Copper	06/10/99	9.12	600	0.670
Iron	06/10/99	18200	NLE	2.234
Lead	06/10/99	38.6	100	0.447
Magnesium	06/10/99	1060	NLE	4.468
Manganese	06/10/99	11.9	NLE	0.112
Mercury	06/09/99	0.605	14	0.024
Nickel	06/10/99	6.50	250	0.112
Potassium	06/10/99	2160	NLE	4.468
Selenium	06/10/99	1.44	63	0.670
Silver	06/10/99	ND	110	0.670
Sodium	06/10/99	96.0	NLE	4.468
Thallium	06/10/99	ND	2	0.670
Vanadium	06/10/99	51.5	370	0.223
Zinc	06/10/99	52.4	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 #: 4475.04
Sample Received: 05/11/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-143, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/10/99	10700	NLE	1.952
Antimony	06/10/99	1.30	14	0.390
Arsenic	06/10/99	11.5	20	0.390
Barium	06/10/99	46.5	700	0.098
Beryllium	06/10/99	1.18	1	0.098
Cadmium	06/10/99	0.616	1	0.098
Calcium	06/10/99	1380	NLE	3.904
Chromium	06/10/99	107	NLE	0.098
Cobalt	06/10/99	1.43	NLE	0.098
Copper	06/10/99	43.2	600	0.586
Iron	06/10/99	34700	NLE	1.952
Lead	06/10/99	39.1	100	0.390
Magnesium	06/10/99	3520	NLE	3.904
Manganese	06/10/99	27.2	NLE	0.098
Mercury	06/09/99	5.836	14	0.098
Nickel	06/10/99	6.33	250	0.098
Potassium	06/10/99	7830	NLE	3.904
Selenium	06/10/99	1.75	63	0.586
Silver	06/10/99	ND	110	0.586
Sodium	06/10/99	133	NLE	3.904
Thallium	06/10/99	ND	2	0.586
Vanadium	06/10/99	48.9	370	0.195
Zinc	06/10/99	55.2	1500	0.195

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4475.06
Sample Received: 05/11/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-144, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/10/99	6430	NLE	2.565
Antimony	06/10/99	0.881	14	0.513
Arsenic	06/10/99	15.1	20	0.513
Barium	06/10/99	68.4	700	0.128
Beryllium	06/10/99	1.02	1	0.128
Cadmium	06/10/99	0.723	1	0.128
Calcium	06/10/99	2580	NLE	5.130
Chromium	06/10/99	81.8	NLE	0.128
Cobalt	06/10/99	1.55	NLE	0.128
Copper	06/10/99	9.73	600	0.770
Iron	06/10/99	25700	NLE	2.565
Lead	06/10/99	21.2	100	0.513
Magnesium	06/10/99	2760	NLE	5.130
Manganese	06/10/99	69.3	NLE	0.128
Mercury	06/09/99	0.731	14	0.027
Nickel	06/10/99	6.80	250	0.128
Potassium	06/10/99	6910	NLE	5.130
Selenium	06/10/99	1.98	63	0.770
Silver	06/10/99	ND	110	0.770
Sodium	06/10/99	164	NLE	5.130
Thallium	06/10/99	ND	2	0.770
Vanadium	06/10/99	25.3	370	0.257
Zinc	06/10/99	67.6	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 #: 4475.08
Sample Received: 05/11/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-145, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/10/99	5810	NLE	3.353
Antimony	06/10/99	1.51	14	0.671
Arsenic	06/10/99	6.54	20	0.671
Barium	06/10/99	33.6	700	0.168
Beryllium	06/10/99	0.593	1	0.168
Cadmium	06/10/99	1.03	1	0.168
Calcium	06/10/99	3760	NLE	6.706
Chromium	06/10/99	49.8	NLE	0.168
Cobalt	06/10/99	2.17	NLE	0.168
Copper	06/10/99	22.6	600	1.006
Iron	06/10/99	18000	NLE	3.353
Lead	06/10/99	48.8	100	0.671
Magnesium	06/10/99	1870	NLE	6.706
Manganese	06/10/99	85.0	NLE	0.168
Mercury	06/09/99	0.461	14	0.035
Nickel	06/10/99	8.21	250	0.168
Potassium	06/10/99	3720	NLE	6.706
Selenium	06/10/99	1.38	63	1.006
Silver	06/10/99	ND	110	1.006
Sodium	06/10/99	446	NLE	6.706
Thallium	06/10/99	ND	2	1.006
Vanadium	06/10/99	32.0	370	0.335
Zinc	06/10/99	117	1500	0.335

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4475.10
Sample Received: 05/11/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-146, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/10/99	12100	NLE	1.826
Antimony	06/10/99	0.818	14	0.365
Arsenic	06/10/99	8.66	20	0.365
Barium	06/10/99	39.5	700	0.091
Beryllium	06/10/99	1.22	1	0.091
Cadmium	06/10/99	0.675	1	0.091
Calcium	06/10/99	1590	NLE	3.652
Chromium	06/10/99	113	NLE	0.091
Cobalt	06/10/99	1.84	NLE	0.091
Copper	06/10/99	23.1	600	0.548
Iron	06/10/99	35600	NLE	1.826
Lead	06/10/99	22.6	100	0.365
Magnesium	06/10/99	4190	NLE	3.652
Manganese	06/10/99	56.2	NLE	0.091
Mercury	06/09/99	0.366	14	0.025
Nickel	06/10/99	6.74	250	0.091
Potassium	06/10/99	9750	NLE	3.652
Selenium	06/10/99	1.04	63	0.548
Silver	06/10/99	ND	110	0.548
Sodium	06/10/99	180	NLE	3.652
Thallium	06/10/99	ND	2	0.548
Vanadium	06/10/99	54.7	370	0.183
Zinc	06/10/99	107	1500	0.183

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4475.12
Sample Received: 05/11/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-147, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/10/99	9420	NLE	2.211
Antimony	06/10/99	0.752	14	0.442
Arsenic	06/10/99	6.38	20	0.442
Barium	06/10/99	30.4	700	0.111
Beryllium	06/10/99	0.900	1	0.111
Cadmium	06/10/99	0.492	1	0.111
Calcium	06/10/99	874	NLE	4.423
Chromium	06/10/99	84.8	NLE	0.111
Cobalt	06/10/99	1.42	NLE	0.111
Copper	06/10/99	5.32	600	0.663
Iron	06/10/99	25600	NLE	2.211
Lead	06/10/99	20.3	100	0.442
Magnesium	06/10/99	3030	NLE	4.423
Manganese	06/10/99	31.9	NLE	0.111
Mercury	06/09/99	0.345	14	0.022
Nickel	06/10/99	5.12	250	0.111
Potassium	06/10/99	7180	NLE	4.423
Selenium	06/10/99	1.06	63	0.663
Silver	06/10/99	ND	110	0.663
Sodium	06/10/99	156	NLE	4.423
Thallium	06/10/99	ND	2	0.663
Vanadium	06/10/99	43.5	370	0.221
Zinc	06/10/99	38.1	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 #: 4475.14
Sample Received: 05/11/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-148, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/10/99	5030	NLE	2.102
Antimony	06/10/99	0.681	14	0.420
Arsenic	06/10/99	4.28	20	0.420
Barium	06/10/99	19.2	700	0.105
Beryllium	06/10/99	0.291	1	0.105
Cadmium	06/10/99	0.735	1	0.105
Calcium	06/10/99	317	NLE	4.204
Chromium	06/10/99	32.3	NLE	0.105
Cobalt	06/10/99	1.10	NLE	0.105
Copper	06/10/99	6.29	600	0.631
Iron	06/10/99	13400	NLE	2.102
Lead	06/10/99	7.38	100	0.420
Magnesium	06/10/99	766	NLE	4.204
Manganese	06/10/99	50.1	NLE	0.105
Mercury	06/09/99	0.249	14	0.021
Nickel	06/10/99	3.03	250	0.105
Potassium	06/10/99	1660	NLE	4.204
Selenium	06/10/99	1.05	63	0.631
Silver	06/10/99	ND	110	0.631
Sodium	06/10/99	393	NLE	4.204
Thallium	06/10/99	ND	2	0.631
Vanadium	06/10/99	28.9	370	0.210
Zinc	06/10/99	25.0	1500	0.210

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4475.16
Sample Received: 05/11/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-149, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/10/99	7100	NLE	1.923
Antimony	06/10/99	3.21	14	0.385
Arsenic	06/10/99	27.4	20	0.385
Barium	06/10/99	453	700	0.096
Beryllium	06/10/99	0.769	1	0.096
Cadmium	06/10/99	2.53	1	0.096
Calcium	06/10/99	4200	NLE	3.847
Chromium	06/10/99	67.6	NLE	0.096
Cobalt	06/10/99	3.28	NLE	0.096
Copper	06/10/99	266	600	0.577
Iron	06/10/99	20300	NLE	1.923
Lead	06/10/99	189	100	0.385
Magnesium	06/10/99	1900	NLE	3.847
Manganese	06/10/99	4680	NLE	0.096
Mercury	06/09/99	1.686	14	0.022
Nickel	06/10/99	7.94	250	0.096
Potassium	06/10/99	2240	NLE	3.847
Selenium	06/10/99	1.82	63	0.577
Silver	06/10/99	0.630	110	0.577
Sodium	06/10/99	122	NLE	3.847
Thallium	06/10/99	ND	2	0.577
Vanadium	06/10/99	28.1	370	0.192
Zinc	06/10/99	4510	1500	0.192

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4475.18
Sample Received: 05/11/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-150, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/10/99	12400	NLE	2.223
Antimony	06/10/99	1.13	14	0.445
Arsenic	06/10/99	9.48	20	0.445
Barium	06/10/99	51.7	700	0.111
Beryllium	06/10/99	1.23	1	0.111
Cadmium	06/10/99	0.724	1	0.111
Calcium	06/10/99	769	NLE	4.445
Chromium	06/10/99	135	NLE	0.111
Cobalt	06/10/99	1.58	NLE	0.111
Copper	06/10/99	13.1	600	0.667
Iron	06/10/99	37500	NLE	2.223
Lead	06/10/99	26.5	100	0.445
Magnesium	06/10/99	3660	NLE	4.445
Manganese	06/10/99	16.2	NLE	0.111
Mercury	06/09/99	0.538	14	0.025
Nickel	06/10/99	7.28	250	0.111
Potassium	06/10/99	8250	NLE	4.445
Selenium	06/10/99	1.50	63	0.667
Silver	06/10/99	ND	110	0.667
Sodium	06/10/99	116	NLE	4.445
Thallium	06/10/99	ND	2	0.667
Vanadium	06/10/99	84.4	370	0.222
Zinc	06/10/99	57.2	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 #: 4475.20
Sample Received: 05/11/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-151, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/10/99	9880	NLE	2.357
Antimony	06/10/99	0.990	14	0.471
Arsenic	06/10/99	7.41	20	0.471
Barium	06/10/99	78.4	700	0.118
Beryllium	06/10/99	0.641	1	0.118
Cadmium	06/10/99	1.15	1	0.118
Calcium	06/10/99	1940	NLE	4.713
Chromium	06/10/99	65.5	NLE	0.118
Cobalt	06/10/99	1.94	NLE	0.118
Copper	06/10/99	14.8	600	0.707
Iron	06/10/99	19500	NLE	2.357
Lead	06/10/99	61.0	100	0.471
Magnesium	06/10/99	2450	NLE	4.713
Manganese	06/10/99	82.6	NLE	0.118
Mercury	06/09/99	1.396	14	0.026
Nickel	06/10/99	6.14	250	0.118
Potassium	06/10/99	3750	NLE	4.713
Selenium	06/10/99	0.928	63	0.707
Silver	06/10/99	ND	110	0.707
Sodium	06/10/99	218	NLE	4.713
Thallium	06/10/99	ND	2	0.707
Vanadium	06/10/99	38.0	370	0.236
Zinc	06/10/99	68.5	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 #: 4475.22
Sample Received: 05/11/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-152, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/10/99	9750	NLE	2.266
Antimony	06/10/99	0.875	14	0.453
Arsenic	06/10/99	6.16	20	0.453
Barium	06/10/99	35.7	700	0.113
Beryllium	06/10/99	0.671	1	0.113
Cadmium	06/10/99	0.544	1	0.113
Calcium	06/10/99	1920	NLE	4.533
Chromium	06/10/99	71.5	NLE	0.113
Cobalt	06/10/99	2.85	NLE	0.113
Copper	06/10/99	31.8	600	0.680
Iron	06/10/99	21700	NLE	2.266
Lead	06/10/99	50.7	100	0.453
Magnesium	06/10/99	2600	NLE	4.533
Manganese	06/10/99	186	NLE	0.113
Mercury	06/09/99	0.398	14	0.026
Nickel	06/10/99	7.49	250	0.113
Potassium	06/10/99	3700	NLE	4.533
Selenium	06/10/99	1.32	63	0.680
Silver	06/10/99	ND	110	0.680
Sodium	06/10/99	183	NLE	4.533
Thallium	06/10/99	ND	2	0.680
Vanadium	06/10/99	41.5	370	0.227
Zinc	06/10/99	88.0	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 #: 4475.24
Sample Received: 05/11/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-153, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/10/99	14200	NLE	2.512
Antimony	06/10/99	2.03	14	0.502
Arsenic	06/10/99	14.3	20	0.502
Barium	06/10/99	81.2	700	0.126
Beryllium	06/10/99	1.48	1	0.126
Cadmium	06/10/99	1.00	1	0.126
Calcium	06/10/99	3310	NLE	5.023
Chromium	06/10/99	153	NLE	0.126
Cobalt	06/10/99	3.10	NLE	0.126
Copper	06/10/99	32.3	600	0.753
Iron	06/10/99	42500	NLE	2.512
Lead	06/10/99	190	100	0.502
Magnesium	06/10/99	5730	NLE	5.023
Manganese	06/10/99	177	NLE	0.126
Mercury	06/09/99	0.371	14	0.026
Nickel	06/10/99	9.65	250	0.126
Potassium	06/10/99	12400	NLE	5.023
Selenium	06/10/99	1.67	63	0.753
Silver	06/10/99	ND	110	0.753
Sodium	06/10/99	381	NLE	5.023
Thallium	06/10/99	ND	2	0.753
Vanadium	06/10/99	52.4	370	0.251
Zinc	06/10/99	217	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 #: 4475.26
Sample Received: 05/11/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-154, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/10/99	6460	NLE	2.060
Antimony	06/10/99	0.851	14	0.412
Arsenic	06/10/99	6.04	20	0.412
Barium	06/10/99	26.5	700	0.103
Beryllium	06/10/99	0.587	1	0.103
Cadmium	06/10/99	0.882	1	0.103
Calcium	06/10/99	1980	NLE	4.120
Chromium	06/10/99	53.1	NLE	0.103
Cobalt	06/10/99	1.83	NLE	0.103
Copper	06/10/99	14.8	600	0.618
Iron	06/10/99	18800	NLE	2.060
Lead	06/10/99	30.8	100	0.412
Magnesium	06/10/99	2370	NLE	4.120
Manganese	06/10/99	62.4	NLE	0.103
Mercury	06/09/99	0.800	14	0.024
Nickel	06/10/99	6.30	250	0.103
Potassium	06/10/99	4200	NLE	4.120
Selenium	06/10/99	0.698	63	0.618
Silver	06/10/99	ND	110	0.618
Sodium	06/10/99	692	NLE	4.120
Thallium	06/10/99	ND	2	0.618
Vanadium	06/10/99	30.5	370	0.206
Zinc	06/10/99	68.7	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 #: 4475.28
Sample Received: 05/11/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-155, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/10/99	10200	NLE	2.027
Antimony	06/10/99	2.57	14	0.405
Arsenic	06/10/99	67.1	20	0.405
Barium	06/10/99	501	700	0.101
Beryllium	06/10/99	1.34	1	0.101
Cadmium	06/10/99	1.29	1	0.101
Calcium	06/10/99	3390	NLE	4.055
Chromium	06/10/99	81.9	NLE	0.101
Cobalt	06/10/99	4.46	NLE	0.101
Copper	06/10/99	87.8	600	0.608
Iron	06/10/99	32800	NLE	2.027
Lead	06/10/99	88.2	100	0.405
Magnesium	06/10/99	3760	NLE	4.055
Manganese	06/10/99	1080	NLE	0.101
Mercury	06/09/99	0.756	14	0.021
Nickel	06/10/99	11.4	250	0.101
Potassium	06/10/99	5070	NLE	4.055
Selenium	06/10/99	1.90	63	0.608
Silver	06/10/99	ND	110	0.608
Sodium	06/10/99	447	NLE	4.055
Thallium	06/10/99	ND	2	0.608
Vanadium	06/10/99	42.7	370	0.203
Zinc	06/10/99	532	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 #: 4475.30
Sample Received: 05/11/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-156, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/10/99	15000	NLE	2.242
Antimony	06/10/99	0.863	14	0.448
Arsenic	06/10/99	15.1	20	0.448
Barium	06/10/99	20.8	700	0.112
Beryllium	06/10/99	2.00	1	0.112
Cadmium	06/10/99	1.52	1	0.112
Calcium	06/10/99	501	NLE	4.485
Chromium	06/10/99	153	NLE	0.112
Cobalt	06/10/99	2.88	NLE	0.112
Copper	06/10/99	5.62	600	0.673
Iron	06/10/99	57100	NLE	2.242
Lead	06/10/99	11.2	100	0.448
Magnesium	06/10/99	6300	NLE	4.485
Manganese	06/10/99	44.2	NLE	0.112
Mercury	06/09/99	0.460	14	0.026
Nickel	06/10/99	10.4	250	0.112
Potassium	06/10/99	16900	NLE	4.485
Selenium	06/10/99	2.06	63	0.673
Silver	06/10/99	ND	110	0.673
Sodium	06/10/99	115	NLE	4.485
Thallium	06/10/99	ND	2	0.673
Vanadium	06/10/99	39.4	370	0.224
Zinc	06/10/99	72.9	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 #: 4475.32
Sample Received: 05/11/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-157, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/10/99	12100	NLE	2.126
Antimony	06/10/99	1.54	14	0.425
Arsenic	06/10/99	9.62	20	0.425
Barium	06/10/99	33.6	700	0.106
Beryllium	06/10/99	1.18	1	0.106
Cadmium	06/10/99	0.472	1	0.106
Calcium	06/10/99	1050	NLE	4.253
Chromium	06/10/99	90.8	NLE	0.106
Cobalt	06/10/99	2.86	NLE	0.106
Copper	06/10/99	41.7	600	0.638
Iron	06/10/99	31600	NLE	2.126
Lead	06/10/99	39.0	100	0.425
Magnesium	06/10/99	3590	NLE	4.253
Manganese	06/10/99	37.0	NLE	0.106
Mercury	06/09/99	1.214	14	0.021
Nickel	06/10/99	9.45	250	0.106
Potassium	06/10/99	6990	NLE	4.253
Selenium	06/10/99	1.82	63	0.638
Silver	06/10/99	ND	110	0.638
Sodium	06/10/99	130	NLE	4.253
Thallium	06/10/99	ND	2	0.638
Vanadium	06/10/99	52.7	370	0.213
Zinc	06/10/99	63.3	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 #: 4485.02
Sample Received: 05/14/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-158, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/10/99	8310	NLE	2.846
Antimony	06/10/99	ND	14	0.569
Arsenic	06/10/99	9.26	20	0.569
Barium	06/10/99	56.5	700	0.142
Beryllium	06/10/99	0.758	1	0.142
Cadmium	06/10/99	0.831	1	0.142
Calcium	06/10/99	4000	NLE	5.693
Chromium	06/10/99	69.2	NLE	0.142
Cobalt	06/10/99	2.87	NLE	0.142
Copper	06/10/99	26.6	600	0.854
Iron	06/10/99	21700	NLE	2.846
Lead	06/10/99	81.8	100	0.569
Magnesium	06/10/99	2350	NLE	5.693
Manganese	06/10/99	133	NLE	0.142
Mercury	06/10/99	0.059	14	0.031
Nickel	06/10/99	11.4	250	0.142
Potassium	06/10/99	4760	NLE	5.693
Selenium	06/10/99	1.19	63	0.854
Silver	06/10/99	ND	110	0.854
Sodium	06/10/99	206	NLE	5.693
Thallium	06/10/99	ND	2	0.854
Vanadium	06/10/99	30.8	370	0.285
Zinc	06/10/99	161	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 #: 4485.04
Sample Received: 05/14/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-159, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/10/99	6430	NLE	2.772
Antimony	06/10/99	ND	14	0.554
Arsenic	06/10/99	6.63	20	0.554
Barium	06/10/99	38.8	700	0.139
Beryllium	06/10/99	0.663	1	0.139
Cadmium	06/10/99	0.477	1	0.139
Calcium	06/10/99	3630	NLE	5.544
Chromium	06/10/99	46.2	NLE	0.139
Cobalt	06/10/99	3.61	NLE	0.139
Copper	06/10/99	40.4	600	0.832
Iron	06/10/99	16400	NLE	2.772
Lead	06/10/99	93.5	100	0.554
Magnesium	06/10/99	1660	NLE	5.544
Manganese	06/10/99	81.6	NLE	0.139
Mercury	06/10/99	0.147	14	0.027
Nickel	06/10/99	14.8	250	0.139
Potassium	06/10/99	2670	NLE	5.544
Selenium	06/10/99	1.18	63	0.832
Silver	06/10/99	ND	110	0.832
Sodium	06/10/99	139	NLE	5.544
Thallium	06/10/99	ND	2	0.832
Vanadium	06/10/99	22.9	370	0.277
Zinc	06/10/99	202	1500	0.277

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4485.06
Sample Received: 05/14/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-160, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/10/99	4760	NLE	1.812
Antimony	06/10/99	ND	14	0.362
Arsenic	06/10/99	4.64	20	0.362
Barium	06/10/99	23.3	700	0.091
Beryllium	06/10/99	0.343	1	0.091
Cadmium	06/10/99	0.352	1	0.091
Calcium	06/10/99	1120	NLE	3.625
Chromium	06/10/99	26.9	NLE	0.091
Cobalt	06/10/99	1.65	NLE	0.091
Copper	06/10/99	16.6	600	0.544
Iron	06/10/99	11800	NLE	1.812
Lead	06/10/99	37.5	100	0.362
Magnesium	06/10/99	950	NLE	3.625
Manganese	06/10/99	61.0	NLE	0.091
Mercury	06/10/99	0.160	14	0.024
Nickel	06/10/99	4.98	250	0.091
Potassium	06/10/99	1270	NLE	3.625
Selenium	06/10/99	0.665	63	0.544
Silver	06/10/99	ND	110	0.544
Sodium	06/10/99	94.5	NLE	3.625
Thallium	06/10/99	ND	2	0.544
Vanadium	06/10/99	19.6	370	0.181
Zinc	06/10/99	61.6	1500	0.181

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4485.08
Sample Received: 05/14/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-161, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/10/99	5590	NLE	2.134
Antimony	06/10/99	0.612	14	0.427
Arsenic	06/10/99	4.64	20	0.427
Barium	06/10/99	49.5	700	0.107
Beryllium	06/10/99	0.368	1	0.107
Cadmium	06/10/99	0.465	1	0.107
Calcium	06/10/99	1170	NLE	4.268
Chromium	06/10/99	27.6	NLE	0.107
Cobalt	06/10/99	1.54	NLE	0.107
Copper	06/10/99	17.2	600	0.640
Iron	06/10/99	11500	NLE	2.134
Lead	06/10/99	58.8	100	0.427
Magnesium	06/10/99	979	NLE	4.268
Manganese	06/10/99	63.9	NLE	0.107
Mercury	06/10/99	0.193	14	0.022
Nickel	06/10/99	5.23	250	0.107
Potassium	06/10/99	1350	NLE	4.268
Selenium	06/10/99	0.869	63	0.640
Silver	06/10/99	ND	110	0.640
Sodium	06/10/99	125	NLE	4.268
Thallium	06/10/99	ND	2	0.640
Vanadium	06/10/99	20.7	370	0.213
Zinc	06/10/99	114	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 #: 4485.10
Sample Received: 05/14/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-162, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/10/99	9010	NLE	2.172
Antimony	06/10/99	1.06	14	0.434
Arsenic	06/10/99	6.92	20	0.434
Barium	06/10/99	31.3	700	0.109
Beryllium	06/10/99	0.696	1	0.109
Cadmium	06/10/99	0.666	1	0.109
Calcium	06/10/99	1650	NLE	4.343
Chromium	06/10/99	68.0	NLE	0.109
Cobalt	06/10/99	2.40	NLE	0.109
Copper	06/10/99	70.2	600	0.651
Iron	06/10/99	22700	NLE	2.172
Lead	06/10/99	40.6	100	0.434
Magnesium	06/10/99	2260	NLE	4.343
Manganese	06/10/99	78.6	NLE	0.109
Mercury	06/10/99	0.255	14	0.019
Nickel	06/10/99	7.37	250	0.109
Potassium	06/10/99	4300	NLE	4.343
Selenium	06/10/99	1.26	63	0.651
Silver	06/10/99	ND	110	0.651
Sodium	06/10/99	571	NLE	4.343
Thallium	06/10/99	ND	2	0.651
Vanadium	06/10/99	50.0	370	0.217
Zinc	06/10/99	182	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 #: 4485.12
Sample Received: 05/14/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-163, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/10/99	12000	NLE	2.157
Antimony	06/10/99	0.553	14	0.431
Arsenic	06/10/99	10.6	20	0.431
Barium	06/10/99	39.4	700	0.108
Beryllium	06/10/99	0.918	1	0.108
Cadmium	06/10/99	0.478	1	0.108
Calcium	06/10/99	1610	NLE	4.315
Chromium	06/10/99	63.4	NLE	0.108
Cobalt	06/10/99	3.31	NLE	0.108
Copper	06/10/99	6.94	600	0.647
Iron	06/10/99	28500	NLE	2.157
Lead	06/10/99	20.8	100	0.431
Magnesium	06/10/99	2600	NLE	4.315
Manganese	06/10/99	87.9	NLE	0.108
Mercury	06/10/99	0.285	14	0.025
Nickel	06/10/99	9.39	250	0.108
Potassium	06/10/99	5840	NLE	4.315
Selenium	06/10/99	0.915	63	0.647
Silver	06/10/99	ND	110	0.647
Sodium	06/10/99	191	NLE	4.315
Thallium	06/10/99	ND	2	0.647
Vanadium	06/10/99	45.4	370	0.216
Zinc	06/10/99	90.1	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 #: 4485.14
Sample Received: 05/14/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-164, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/10/99	14000	NLE	2.283
Antimony	06/10/99	1.17	14	0.457
Arsenic	06/10/99	11.2	20	0.457
Barium	06/10/99	51.5	700	0.114
Beryllium	06/10/99	1.22	1	0.114
Cadmium	06/10/99	0.922	1	0.114
Calcium	06/10/99	908	NLE	4.565
Chromium	06/10/99	122	NLE	0.114
Cobalt	06/10/99	2.12	NLE	0.114
Copper	06/10/99	49.6	600	0.685
Iron	06/10/99	33500	NLE	2.283
Lead	06/10/99	39.1	100	0.457
Magnesium	06/10/99	4090	NLE	4.565
Manganese	06/10/99	45.5	NLE	0.114
Mercury	06/10/99	4.75	14	0.025
Nickel	06/10/99	8.24	250	0.114
Potassium	06/10/99	9380	NLE	4.565
Selenium	06/10/99	1.50	63	0.685
Silver	06/10/99	ND	110	0.685
Sodium	06/10/99	183	NLE	4.565
Thallium	06/10/99	ND	2	0.685
Vanadium	06/10/99	63.8	370	0.228
Zinc	06/10/99	175	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 #: 4485.16
Sample Received: 05/14/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-165, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/10/99	9650	NLE	1.759
Antimony	06/10/99	8.45	14	0.352
Arsenic	06/10/99	9.32	20	0.352
Barium	06/10/99	39.1	700	0.088
Beryllium	06/10/99	1.01	1	0.088
Cadmium	06/10/99	1.24	1	0.088
Calcium	06/10/99	1440	NLE	3.519
Chromium	06/10/99	87.5	NLE	0.088
Cobalt	06/10/99	5.22	NLE	0.088
Copper	06/10/99	90.0	600	0.528
Iron	06/10/99	27500	NLE	1.759
Lead	06/10/99	63.3	100	0.352
Magnesium	06/10/99	2900	NLE	3.519
Manganese	06/10/99	180	NLE	0.088
Mercury	06/10/99	3.85	14	0.021
Nickel	06/10/99	9.52	250	0.088
Potassium	06/10/99	6530	NLE	3.519
Selenium	06/10/99	1.24	63	0.528
Silver	06/10/99	1.11	110	0.528
Sodium	06/10/99	126	NLE	3.519
Thallium	06/10/99	ND	2	0.528
Vanadium	06/10/99	48.2	370	0.176
Zinc	06/10/99	444	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 #: 4485.18
Sample Received: 05/14/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-166, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/10/99	11800	NLE	2.622
Antimony	06/10/99	1.57	14	0.524
Arsenic	06/10/99	13.9	20	0.524
Barium	06/10/99	57.0	700	0.131
Beryllium	06/10/99	1.12	1	0.131
Cadmium	06/10/99	1.11	1	0.131
Calcium	06/10/99	3300	NLE	5.243
Chromium	06/10/99	120	NLE	0.131
Cobalt	06/10/99	3.41	NLE	0.131
Copper	06/10/99	26.3	600	0.786
Iron	06/10/99	29200	NLE	2.622
Lead	06/10/99	170	100	0.524
Magnesium	06/10/99	3420	NLE	5.243
Manganese	06/10/99	141	NLE	0.131
Mercury	06/10/99	1.20	14	0.026
Nickel	06/10/99	13.7	250	0.131
Potassium	06/10/99	7030	NLE	5.243
Selenium	06/10/99	1.32	63	0.786
Silver	06/10/99	2.65	110	0.786
Sodium	06/10/99	187	NLE	5.243
Thallium	06/10/99	ND	2	0.786
Vanadium	06/10/99	48.7	370	0.262
Zinc	06/10/99	129	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 #: 4485.20
Sample Received: 05/14/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-167, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/10/99	12000	NLE	2.293
Antimony	06/10/99	0.820	14	0.459
Arsenic	06/10/99	9.03	20	0.459
Barium	06/10/99	39.4	700	0.115
Beryllium	06/10/99	0.957	1	0.115
Cadmium	06/10/99	0.568	1	0.115
Calcium	06/10/99	1520	NLE	4.586
Chromium	06/10/99	64.5	NLE	0.115
Cobalt	06/10/99	3.70	NLE	0.115
Copper	06/10/99	16.7	600	0.688
Iron	06/10/99	27100	NLE	2.293
Lead	06/10/99	28.2	100	0.459
Magnesium	06/10/99	2560	NLE	4.586
Manganese	06/10/99	87.0	NLE	0.115
Mercury	06/10/99	2.628	14	0.023
Nickel	06/10/99	8.92	250	0.115
Potassium	06/10/99	5720	NLE	4.586
Selenium	06/10/99	1.29	63	0.688
Silver	06/10/99	ND	110	0.688
Sodium	06/10/99	128	NLE	4.586
Thallium	06/10/99	ND	2	0.688
Vanadium	06/10/99	44.7	370	0.229
Zinc	06/10/99	105	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 #: 4485.22
Sample Received: 05/14/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-168, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/10/99	12400	NLE	1.879
Antimony	06/10/99	0.579	14	0.376
Arsenic	06/10/99	6.78	20	0.376
Barium	06/10/99	41.1	700	0.094
Beryllium	06/10/99	0.654	1	0.094
Cadmium	06/10/99	0.411	1	0.094
Calcium	06/10/99	1390	NLE	3.758
Chromium	06/10/99	44.8	NLE	0.094
Cobalt	06/10/99	2.52	NLE	0.094
Copper	06/10/99	11.9	600	0.564
Iron	06/10/99	19800	NLE	1.879
Lead	06/10/99	51.5	100	0.376
Magnesium	06/10/99	1950	NLE	3.758
Manganese	06/10/99	114	NLE	0.094
Mercury	06/10/99	0.512	14	0.016
Nickel	06/10/99	6.55	250	0.094
Potassium	06/10/99	3740	NLE	3.758
Selenium	06/10/99	ND	63	0.564
Silver	06/10/99	ND	110	0.564
Sodium	06/10/99	205	NLE	3.758
Thallium	06/10/99	ND	2	0.564
Vanadium	06/10/99	38.5	370	0.188
Zinc	06/10/99	56.4	1500	0.188

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4485.24
Sample Received: 05/14/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-169, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/10/99	10100	NLE	2.135
Antimony	06/10/99	ND	14	0.427
Arsenic	06/10/99	6.00	20	0.427
Barium	06/10/99	33.5	700	0.107
Beryllium	06/10/99	0.605	1	0.107
Cadmium	06/10/99	0.338	1	0.107
Calcium	06/10/99	1120	NLE	4.269
Chromium	06/10/99	38.9	NLE	0.107
Cobalt	06/10/99	2.93	NLE	0.107
Copper	06/10/99	8.46	600	0.640
Iron	06/10/99	16800	NLE	2.135
Lead	06/10/99	26.0	100	0.427
Magnesium	06/10/99	1560	NLE	4.269
Manganese	06/10/99	68.0	NLE	0.107
Mercury	06/10/99	0.399	14	0.024
Nickel	06/10/99	5.92	250	0.107
Potassium	06/10/99	2950	NLE	4.269
Selenium	06/10/99	0.984	63	0.640
Silver	06/10/99	ND	110	0.640
Sodium	06/10/99	172	NLE	4.269
Thallium	06/10/99	ND	2	0.640
Vanadium	06/10/99	29.6	370	0.213
Zinc	06/10/99	43.6	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 #: 4485.26
Sample Received: 05/14/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-170, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	06/10/99	7490	NLE	2.171
Antimony	06/10/99	ND	14	0.434
Arsenic	06/10/99	5.39	20	0.434
Barium	06/10/99	23.9	700	0.109
Beryllium	06/10/99	0.441	1	0.109
Cadmium	06/10/99	0.288	1	0.109
Calcium	06/10/99	1190	NLE	4.342
Chromium	06/10/99	34.5	NLE	0.109
Cobalt	06/10/99	1.68	NLE	0.109
Copper	06/10/99	6.49	600	0.651
Iron	06/10/99	13700	NLE	2.171
Lead	06/10/99	13.3	100	0.434
Magnesium	06/10/99	1320	NLE	4.342
Manganese	06/10/99	39.1	NLE	0.109
Mercury	06/10/99	0.224	14	0.022
Nickel	06/10/99	4.33	250	0.109
Potassium	06/10/99	2890	NLE	4.342
Selenium	06/10/99	ND	63	0.651
Silver	06/10/99	ND	110	0.651
Sodium	06/10/99	139	NLE	4.342
Thallium	06/10/99	ND	2	0.651
Vanadium	06/10/99	23.3	370	0.217
Zinc	06/10/99	25.3	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 #: 4491.02
Sample Received: 05/17/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-171, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	07/14/99	12200	NLE	2.538
Antimony	07/14/99	2.04	14	0.508
Arsenic	07/14/99	31.4	20	0.508
Barium	07/14/99	40.0	700	0.127
Beryllium	07/14/99	1.62	1	0.127
Cadmium	07/14/99	2.17	1	0.127
Calcium	07/14/99	743	NLE	5.076
Chromium	07/14/99	121	NLE	0.127
Cobalt	07/14/99	3.94	NLE	0.127
Copper	07/14/99	114	600	0.761
Iron	07/14/99	37900	NLE	2.538
Lead	07/14/99	116	100	0.508
Magnesium	07/14/99	4090	NLE	5.076
Manganese	07/14/99	57.1	NLE	0.127
Mercury	06/10/99	0.883	14	0.026
Nickel	07/14/99	8.64	250	0.127
Potassium	07/14/99	9360	NLE	5.076
Selenium	07/14/99	1.59	63	0.761
Silver	07/14/99	1.20	110	0.761
Sodium	07/14/99	109	NLE	5.076
Thallium	07/14/99	ND	2	0.761
Vanadium	07/14/99	61.6	370	0.254
Zinc	07/14/99	110	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 #: 4491.04
Sample Received: 05/17/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-172, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	07/14/99	12100	NLE	2.437
Antimony	07/14/99	1.61	14	0.487
Arsenic	07/14/99	11.8	20	0.487
Barium	07/14/99	62.6	700	0.122
Beryllium	07/14/99	1.36	1	0.122
Cadmium	07/14/99	2.71	1	0.122
Calcium	07/14/99	2220	NLE	4.874
Chromium	07/14/99	121	NLE	0.122
Cobalt	07/14/99	3.44	NLE	0.122
Copper	07/14/99	53.0	600	0.731
Iron	07/14/99	33400	NLE	2.437
Lead	07/14/99	52.5	100	0.487
Magnesium	07/14/99	4050	NLE	4.874
Manganese	07/14/99	98.2	NLE	0.122
Mercury	06/10/99	0.713	14	0.022
Nickel	07/14/99	14.3	250	0.122
Potassium	07/14/99	9360	NLE	4.874
Selenium	07/14/99	1.78	63	0.731
Silver	07/14/99	ND	110	0.731
Sodium	07/14/99	249	NLE	4.874
Thallium	07/14/99	ND	2	0.731
Vanadium	07/14/99	60.1	370	0.244
Zinc	07/14/99	228	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 #: 4491.06
Sample Received: 05/17/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-173, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	07/14/99	6100	NLE	2.477
Antimony	07/14/99	0.884	14	0.495
Arsenic	07/14/99	6.39	20	0.495
Barium	07/14/99	22.6	700	0.124
Beryllium	07/14/99	0.541	1	0.124
Cadmium	07/14/99	1.35	1	0.124
Calcium	07/14/99	767	NLE	4.954
Chromium	07/14/99	42.9	NLE	0.124
Cobalt	07/14/99	1.54	NLE	0.124
Copper	07/14/99	93.1	600	0.743
Iron	07/14/99	15700	NLE	2.477
Lead	07/14/99	24.9	100	0.495
Magnesium	07/14/99	1410	NLE	4.954
Manganese	07/14/99	66.1	NLE	0.124
Mercury	06/10/99	0.063	14	0.021
Nickel	07/14/99	4.10	250	0.124
Potassium	07/14/99	2560	NLE	4.954
Selenium	07/14/99	0.850	63	0.743
Silver	07/14/99	ND	110	0.743
Sodium	07/14/99	89.7	NLE	4.954
Thallium	07/14/99	ND	2	0.743
Vanadium	07/14/99	29.8	370	0.248
Zinc	07/14/99	54.3	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 #: 4491.08
Sample Received: 05/17/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-174, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	07/14/99	8620	NLE	2.327
Antimony	07/14/99	1.02	14	0.465
Arsenic	07/14/99	4.73	20	0.465
Barium	07/14/99	30.6	700	0.116
Beryllium	07/14/99	0.596	1	0.116
Cadmium	07/14/99	0.866	1	0.116
Calcium	07/14/99	1090	NLE	4.653
Chromium	07/14/99	50.6	NLE	0.116
Cobalt	07/14/99	1.87	NLE	0.116
Copper	07/14/99	18.7	600	0.698
Iron	07/14/99	16500	NLE	2.327
Lead	07/14/99	46.5	100	0.465
Magnesium	07/14/99	1810	NLE	4.653
Manganese	07/14/99	49.2	NLE	0.116
Mercury	06/10/99	ND	14	0.022
Nickel	07/14/99	5.42	250	0.116
Potassium	07/14/99	3230	NLE	4.653
Selenium	07/14/99	1.01	63	0.698
Silver	07/14/99	ND	110	0.698
Sodium	07/14/99	126	NLE	4.653
Thallium	07/14/99	ND	2	0.698
Vanadium	07/14/99	35.4	370	0.233
Zinc	07/14/99	64.0	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 #: 4491.10
Sample Received: 05/17/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-175, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	07/14/99	10600	NLE	2.090
Antimony	07/14/99	0.510	14	0.418
Arsenic	07/14/99	8.21	20	0.418
Barium	07/14/99	58.4	700	0.104
Beryllium	07/14/99	0.694	1	0.104
Cadmium	07/14/99	0.995	1	0.104
Calcium	07/14/99	1190	NLE	4.180
Chromium	07/14/99	37.6	NLE	0.104
Cobalt	07/14/99	2.79	NLE	0.104
Copper	07/14/99	14.3	600	0.627
Iron	07/14/99	21000	NLE	2.090
Lead	07/14/99	126	100	0.418
Magnesium	07/14/99	1550	NLE	4.180
Manganese	07/14/99	163	NLE	0.104
Mercury	06/10/99	0.144	14	0.024
Nickel	07/14/99	8.02	250	0.104
Potassium	07/14/99	2080	NLE	4.180
Selenium	07/14/99	0.872	63	0.627
Silver	07/14/99	ND	110	0.627
Sodium	07/14/99	121	NLE	4.180
Thallium	07/14/99	ND	2	0.627
Vanadium	07/14/99	42.2	370	0.209
Zinc	07/14/99	83.5	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 #: 4491.12
Sample Received: 05/17/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-176, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	07/14/99	8970	NLE	2.351
Antimony	07/14/99	1.05	14	0.470
Arsenic	07/14/99	8.91	20	0.470
Barium	07/14/99	39.3	700	0.118
Beryllium	07/14/99	0.717	1	0.118
Cadmium	07/14/99	1.12	1	0.118
Calcium	07/14/99	1790	NLE	4.702
Chromium	07/14/99	59.9	NLE	0.118
Cobalt	07/14/99	2.11	NLE	0.118
Copper	07/14/99	21.0	600	0.705
Iron	07/14/99	22800	NLE	2.351
Lead	07/14/99	68.8	100	0.470
Magnesium	07/14/99	2270	NLE	4.702
Manganese	07/14/99	81.3	NLE	0.118
Mercury	06/10/99	0.089	14	0.022
Nickel	07/14/99	10.4	250	0.118
Potassium	07/14/99	4460	NLE	4.702
Selenium	07/14/99	1.28	63	0.705
Silver	07/14/99	ND	110	0.705
Sodium	07/14/99	151	NLE	4.702
Thallium	07/14/99	ND	2	0.705
Vanadium	07/14/99	40.0	370	0.235
Zinc	07/14/99	75.6	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 #: 4491.14
Sample Received: 05/17/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-177, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	07/14/99	10500	NLE	2.244
Antimony	07/14/99	1.53	14	0.449
Arsenic	07/14/99	7.03	20	0.449
Barium	07/14/99	36.1	700	0.112
Beryllium	07/14/99	0.793	1	0.112
Cadmium	07/14/99	1.06	1	0.112
Calcium	07/14/99	2040	NLE	4.488
Chromium	07/14/99	69.4	NLE	0.112
Cobalt	07/14/99	2.38	NLE	0.112
Copper	07/14/99	24.1	600	0.673
Iron	07/14/99	22000	NLE	2.244
Lead	07/14/99	61.7	100	0.449
Magnesium	07/14/99	2460	NLE	4.488
Manganese	07/14/99	85.4	NLE	0.112
Mercury	06/10/99	0.125	14	0.025
Nickel	07/14/99	7.65	250	0.112
Potassium	07/14/99	4760	NLE	4.488
Selenium	07/14/99	0.908	63	0.673
Silver	07/14/99	ND	110	0.673
Sodium	07/14/99	142	NLE	4.488
Thallium	07/14/99	ND	2	0.673
Vanadium	07/14/99	47.6	370	0.224
Zinc	07/14/99	82.4	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 #: 4491.16
Sample Received: 05/17/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-178, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	07/14/99	2330	NLE	2.488
Antimony	07/14/99	1.39	14	0.498
Arsenic	07/14/99	5.95	20	0.498
Barium	07/14/99	31.8	700	0.124
Beryllium	07/14/99	0.243	1	0.124
Cadmium	07/14/99	1.42	1	0.124
Calcium	07/14/99	1050	NLE	4.975
Chromium	07/14/99	16.1	NLE	0.124
Cobalt	07/14/99	0.557	NLE	0.124
Copper	07/14/99	16.8	600	0.746
Iron	07/14/99	6590	NLE	2.488
Lead	07/14/99	12.7	100	0.498
Magnesium	07/14/99	191	NLE	4.975
Manganese	07/14/99	46.9	NLE	0.124
Mercury	06/10/99	ND	14	0.024
Nickel	07/14/99	6.38	250	0.124
Potassium	07/14/99	224	NLE	4.975
Selenium	07/14/99	ND	63	0.746
Silver	07/14/99	ND	110	0.746
Sodium	07/14/99	82.2	NLE	4.975
Thallium	07/14/99	ND	2	0.746
Vanadium	07/14/99	13.3	370	0.249
Zinc	07/14/99	161	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 #: 4491.18
Sample Received: 05/17/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-179, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	07/14/99	2030	NLE	2.141
Antimony	07/14/99	0.967	14	0.428
Arsenic	07/14/99	5.21	20	0.428
Barium	07/14/99	16.2	700	0.107
Beryllium	07/14/99	0.525	1	0.107
Cadmium	07/14/99	0.666	1	0.107
Calcium	07/14/99	611	NLE	4.282
Chromium	07/14/99	17.3	NLE	0.107
Cobalt	07/14/99	0.757	NLE	0.107
Copper	07/14/99	33.2	600	0.642
Iron	07/14/99	7080	NLE	2.141
Lead	07/14/99	22.9	100	0.428
Magnesium	07/14/99	165	NLE	4.282
Manganese	07/14/99	19.3	NLE	0.107
Mercury	06/10/99	1.90	14	0.023
Nickel	07/14/99	2.14	250	0.107
Potassium	07/14/99	210	NLE	4.282
Selenium	07/14/99	0.816	63	0.642
Silver	07/14/99	ND	110	0.642
Sodium	07/14/99	78.9	NLE	4.282
Thallium	07/14/99	ND	2	0.642
Vanadium	07/14/99	17.9	370	0.214
Zinc	07/14/99	33.3	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 #: 4491.20
Sample Received: 05/17/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-180, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	07/14/99	1290	NLE	2.401
Antimony	07/14/99	0.827	14	0.480
Arsenic	07/14/99	7.52	20	0.480
Barium	07/14/99	18.1	700	0.120
Beryllium	07/14/99	0.218	1	0.120
Cadmium	07/14/99	0.797	1	0.120
Calcium	07/14/99	1500	NLE	4.803
Chromium	07/14/99	9.21	NLE	0.120
Cobalt	07/14/99	0.752	NLE	0.120
Copper	07/14/99	26.8	600	0.720
Iron	07/14/99	5970	NLE	2.401
Lead	07/14/99	21.1	100	0.480
Magnesium	07/14/99	136	NLE	4.803
Manganese	07/14/99	30.5	NLE	0.120
Mercury	06/10/99	0.805	14	0.023
Nickel	07/14/99	2.79	250	0.120
Potassium	07/14/99	278	NLE	4.803
Selenium	07/14/99	ND	63	0.720
Silver	07/14/99	ND	110	0.720
Sodium	07/14/99	101	NLE	4.803
Thallium	07/14/99	ND	2	0.720
Vanadium	07/14/99	9.45	370	0.240
Zinc	07/14/99	47.1	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 #: 4491.22
Sample Received: 05/17/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-181, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	07/14/99	1470	NLE	1.982
Antimony	07/14/99	0.793	14	0.396
Arsenic	07/14/99	3.35	20	0.396
Barium	07/14/99	13.6	700	0.099
Beryllium	07/14/99	0.147	1	0.099
Cadmium	07/14/99	0.536	1	0.099
Calcium	07/14/99	742	NLE	3.964
Chromium	07/14/99	9.27	NLE	0.099
Cobalt	07/14/99	0.380	NLE	0.099
Copper	07/14/99	13.0	600	0.595
Iron	07/14/99	3710	NLE	1.982
Lead	07/14/99	12.6	100	0.396
Magnesium	07/14/99	139	NLE	3.964
Manganese	07/14/99	17.8	NLE	0.099
Mercury	06/10/99	1.11	14	0.022
Nickel	07/14/99	1.35	250	0.099
Potassium	07/14/99	134	NLE	3.964
Selenium	07/14/99	ND	63	0.595
Silver	07/14/99	ND	110	0.595
Sodium	07/14/99	73.6	NLE	3.964
Thallium	07/14/99	ND	2	0.595
Vanadium	07/14/99	10.0	370	0.198
Zinc	07/14/99	24.6	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 #: 4491.24
Sample Received: 05/17/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-182, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	07/14/99	2070	NLE	2.458
Antimony	07/14/99	0.583	14	0.492
Arsenic	07/14/99	9.57	20	0.492
Barium	07/14/99	8.78	700	0.123
Beryllium	07/14/99	0.171	1	0.123
Cadmium	07/14/99	0.565	1	0.123
Calcium	07/14/99	357	NLE	4.917
Chromium	07/14/99	13.7	NLE	0.123
Cobalt	07/14/99	0.410	NLE	0.123
Copper	07/14/99	11.0	600	0.738
Iron	07/14/99	8760	NLE	2.458
Lead	07/14/99	9.58	100	0.492
Magnesium	07/14/99	96.4	NLE	4.917
Manganese	07/14/99	15.3	NLE	0.123
Mercury	06/10/99	0.361	14	0.024
Nickel	07/14/99	1.20	250	0.123
Potassium	07/14/99	140	NLE	4.917
Selenium	07/14/99	ND	63	0.738
Silver	07/14/99	ND	110	0.738
Sodium	07/14/99	58.8	NLE	4.917
Thallium	07/14/99	ND	2	0.738
Vanadium	07/14/99	14.2	370	0.246
Zinc	07/14/99	18.0	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 #: 4491.26
Sample Received: 05/17/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-183, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	07/14/99	1430	NLE	2.423
Antimony	07/14/99	0.916	14	0.485
Arsenic	07/14/99	4.12	20	0.485
Barium	07/14/99	22.7	700	0.121
Beryllium	07/14/99	0.192	1	0.121
Cadmium	07/14/99	1.10	1	0.121
Calcium	07/14/99	1800	NLE	4.846
Chromium	07/14/99	6.03	NLE	0.121
Cobalt	07/14/99	0.733	NLE	0.121
Copper	07/14/99	18.9	600	0.727
Iron	07/14/99	5690	NLE	2.423
Lead	07/14/99	62.0	100	0.485
Magnesium	07/14/99	198	NLE	4.846
Manganese	07/14/99	36.3	NLE	0.121
Mercury	06/10/99	0.545	14	0.023
Nickel	07/14/99	2.91	250	0.121
Potassium	07/14/99	283	NLE	4.846
Selenium	07/14/99	ND	63	0.727
Silver	07/14/99	ND	110	0.727
Sodium	07/14/99	83.8	NLE	4.846
Thallium	07/14/99	ND	2	0.727
Vanadium	07/14/99	10.6	370	0.242
Zinc	07/14/99	47.6	1500	0.242

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4491.28
Sample Received: 05/17/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-184, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	07/14/99	1620	NLE	2.206
Antimony	07/14/99	0.402	14	0.441
Arsenic	07/14/99	5.91	20	0.441
Barium	07/14/99	17.5	700	0.110
Beryllium	07/14/99	0.194	1	0.110
Cadmium	07/14/99	0.626	1	0.110
Calcium	07/14/99	969	NLE	4.412
Chromium	07/14/99	11.4	NLE	0.110
Cobalt	07/14/99	0.578	NLE	0.110
Copper	07/14/99	11.5	600	0.662
Iron	07/14/99	5470	NLE	2.206
Lead	07/14/99	56.3	100	0.441
Magnesium	07/14/99	212	NLE	4.412
Manganese	07/14/99	39.6	NLE	0.110
Mercury	06/10/99	0.965	14	0.023
Nickel	07/14/99	1.57	250	0.110
Potassium	07/14/99	189	NLE	4.412
Selenium	07/14/99	ND	63	0.662
Silver	07/14/99	ND	110	0.662
Sodium	07/14/99	356	NLE	4.412
Thallium	07/14/99	ND	2	0.662
Vanadium	07/14/99	10.0	370	0.221
Zinc	07/14/99	32.6	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 #: 4494.02
Sample Received: 05/18/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-185, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	07/14/99	1620	NLE	2.300
Antimony	07/14/99	ND	14	0.460
Arsenic	07/14/99	3.67	20	0.460
Barium	07/14/99	11.4	700	0.115
Beryllium	07/14/99	0.228	1	0.115
Cadmium	07/14/99	0.669	1	0.115
Calcium	07/14/99	434	NLE	4.601
Chromium	07/14/99	11.7	NLE	0.115
Cobalt	07/14/99	0.481	NLE	0.115
Copper	07/14/99	7.61	600	0.690
Iron	07/14/99	6370	NLE	2.300
Lead	07/14/99	22.6	100	0.460
Magnesium	07/14/99	84.2	NLE	4.601
Manganese	07/14/99	9.83	NLE	0.115
Mercury	06/14/99	1.32	14	0.024
Nickel	07/14/99	1.96	250	0.115
Potassium	07/14/99	71.4	NLE	4.601
Selenium	07/14/99	ND	63	0.690
Silver	07/14/99	11.1	110	0.690
Sodium	07/14/99	221	NLE	4.601
Thallium	07/14/99	ND	2	0.690
Vanadium	07/14/99	7.99	370	0.230
Zinc	07/14/99	23.5	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 #: 4494.04
Sample Received: 05/18/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-186, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	07/14/99	914	NLE	2.532
Antimony	07/14/99	0.605	14	0.506
Arsenic	07/14/99	8.39	20	0.506
Barium	07/14/99	42.7	700	0.127
Beryllium	07/14/99	0.209	1	0.127
Cadmium	07/14/99	0.459	1	0.127
Calcium	07/14/99	1180	NLE	5.065
Chromium	07/14/99	94.3	NLE	0.127
Cobalt	07/14/99	6.51	NLE	0.127
Copper	07/14/99	17.8	600	0.760
Iron	07/14/99	7410	NLE	2.532
Lead	07/14/99	18.7	100	0.506
Magnesium	07/14/99	2010	NLE	5.065
Manganese	07/14/99	64.8	NLE	0.127
Mercury	06/14/99	1.69	14	0.024
Nickel	07/14/99	1760	250	0.127
Potassium	07/14/99	623	NLE	5.065
Selenium	07/14/99	ND	63	0.760
Silver	07/14/99	ND	110	0.760
Sodium	07/14/99	144	NLE	5.065
Thallium	07/14/99	ND	2	0.760
Vanadium	07/14/99	9.93	370	0.253
Zinc	07/14/99	110	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 #: 4494.06
Sample Received: 05/18/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-187, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	07/14/99	11800	NLE	2.407
Antimony	07/14/99	5.58	14	0.481
Arsenic	07/14/99	12.3	20	0.481
Barium	07/14/99	122	700	0.120
Beryllium	07/14/99	1.26	1	0.120
Cadmium	07/14/99	1.83	1	0.120
Calcium	07/14/99	3680	NLE	4.815
Chromium	07/14/99	129	NLE	0.120
Cobalt	07/14/99	4.69	NLE	0.120
Copper	07/14/99	46.1	600	0.722
Iron	07/14/99	33800	NLE	2.407
Lead	07/14/99	84.6	100	0.481
Magnesium	07/14/99	4400	NLE	4.815
Manganese	07/14/99	122	NLE	0.120
Mercury	06/14/99	2.09	14	0.025
Nickel	07/14/99	11.4	250	0.120
Potassium	07/14/99	9540	NLE	4.815
Selenium	07/14/99	1.95	63	0.722
Silver	07/14/99	ND	110	0.722
Sodium	07/14/99	369	NLE	4.815
Thallium	07/14/99	ND	2	0.722
Vanadium	07/14/99	60.4	370	0.241
Zinc	07/14/99	305	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 #: 4494.08
Sample Received: 05/18/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-188, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	07/14/99	6550	NLE	2.502
Antimony	07/14/99	0.620	14	0.500
Arsenic	07/14/99	5.95	20	0.500
Barium	07/14/99	34.7	700	0.125
Beryllium	07/14/99	0.606	1	0.125
Cadmium	07/14/99	1.35	1	0.125
Calcium	07/14/99	2300	NLE	5.004
Chromium	07/14/99	60.0	NLE	0.125
Cobalt	07/14/99	2.47	NLE	0.125
Copper	07/14/99	12.1	600	0.751
Iron	07/14/99	17500	NLE	2.502
Lead	07/14/99	21.2	100	0.500
Magnesium	07/14/99	1770	NLE	5.004
Manganese	07/14/99	39.5	NLE	0.125
Mercury	06/14/99	0.275	14	0.025
Nickel	07/14/99	9.21	250	0.125
Potassium	07/14/99	3740	NLE	5.004
Selenium	07/14/99	1.52	63	0.751
Silver	07/14/99	ND	110	0.751
Sodium	07/14/99	146	NLE	5.004
Thallium	07/14/99	ND	2	0.751
Vanadium	07/14/99	33.3	370	0.250
Zinc	07/14/99	59.8	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 #: 4494.10
Sample Received: 05/18/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-189, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	07/14/99	9120	NLE	2.383
Antimony	07/14/99	0.835	14	0.477
Arsenic	07/14/99	9.82	20	0.477
Barium	07/14/99	56.9	700	0.119
Beryllium	07/14/99	1.19	1	0.119
Cadmium	07/14/99	1.20	1	0.119
Calcium	07/14/99	1090	NLE	4.767
Chromium	07/14/99	135	NLE	0.119
Cobalt	07/14/99	1.44	NLE	0.119
Copper	07/14/99	6.18	600	0.715
Iron	07/14/99	29900	NLE	2.383
Lead	07/14/99	11.5	100	0.477
Magnesium	07/14/99	3770	NLE	4.767
Manganese	07/14/99	18.1	NLE	0.119
Mercury	06/14/99	0.254	14	0.025
Nickel	07/14/99	6.14	250	0.119
Potassium	07/14/99	8560	NLE	4.767
Selenium	07/14/99	2.18	63	0.715
Silver	07/14/99	ND	110	0.715
Sodium	07/14/99	108	NLE	4.767
Thallium	07/14/99	ND	2	0.715
Vanadium	07/14/99	54.7	370	0.238
Zinc	07/14/99	55.6	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 #: 4494.12
Sample Received: 05/18/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-190, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	07/14/99	9390	NLE	2.189
Antimony	07/14/99	0.882	14	0.438
Arsenic	07/14/99	8.30	20	0.438
Barium	07/14/99	142	700	0.109
Beryllium	07/14/99	1.26	1	0.109
Cadmium	07/14/99	1.94	1	0.109
Calcium	07/14/99	797	NLE	4.378
Chromium	07/14/99	124	NLE	0.109
Cobalt	07/14/99	1.71	NLE	0.109
Copper	07/14/99	59.9	600	0.657
Iron	07/14/99	28900	NLE	2.189
Lead	07/14/99	37.7	100	0.438
Magnesium	07/14/99	3770	NLE	4.378
Manganese	07/14/99	48.0	NLE	0.109
Mercury	06/14/99	0.365	14	0.024
Nickel	07/14/99	9.52	250	0.109
Potassium	07/14/99	8500	NLE	4.378
Selenium	07/14/99	2.01	63	0.657
Silver	07/14/99	ND	110	0.657
Sodium	07/14/99	124	NLE	4.378
Thallium	07/14/99	ND	2	0.657
Vanadium	07/14/99	53.3	370	0.219
Zinc	07/14/99	178	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 #: 4494.14
Sample Received: 05/18/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-191, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	07/14/99	11300	NLE	2.574
Antimony	07/14/99	1.02	14	0.515
Arsenic	07/14/99	12.0	20	0.515
Barium	07/14/99	95.2	700	0.129
Beryllium	07/14/99	1.50	1	0.129
Cadmium	07/14/99	3.72	1	0.129
Calcium	07/14/99	1150	NLE	5.148
Chromium	07/14/99	169	NLE	0.129
Cobalt	07/14/99	1.46	NLE	0.129
Copper	07/14/99	14.6	600	0.772
Iron	07/14/99	39200	NLE	2.574
Lead	07/14/99	12.7	100	0.515
Magnesium	07/14/99	5210	NLE	5.148
Manganese	07/14/99	28.9	NLE	0.129
Mercury	06/14/99	0.378	14	0.024
Nickel	07/14/99	7.17	250	0.129
Potassium	07/14/99	12300	NLE	5.148
Selenium	07/14/99	2.61	63	0.772
Silver	07/14/99	ND	110	0.772
Sodium	07/14/99	151	NLE	5.148
Thallium	07/14/99	ND	2	0.772
Vanadium	07/14/99	72.4	370	0.257
Zinc	07/14/99	114	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 #: 4494.16
Sample Received: 05/18/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-192, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	07/14/99	8010	NLE	2.079
Antimony	07/14/99	0.848	14	0.416
Arsenic	07/14/99	17.6	20	0.416
Barium	07/14/99	52.9	700	0.104
Beryllium	07/14/99	1.33	1	0.104
Cadmium	07/14/99	1.28	1	0.104
Calcium	07/14/99	1750	NLE	4.159
Chromium	07/14/99	93.4	NLE	0.104
Cobalt	07/14/99	1.93	NLE	0.104
Copper	07/14/99	23.0	600	0.624
Iron	07/14/99	24900	NLE	2.079
Lead	07/14/99	29.1	100	0.416
Magnesium	07/14/99	2980	NLE	4.159
Manganese	07/14/99	142	NLE	0.104
Mercury	06/14/99	0.433	14	0.024
Nickel	07/14/99	8.87	250	0.104
Potassium	07/14/99	6250	NLE	4.159
Selenium	07/14/99	1.41	63	0.624
Silver	07/14/99	ND	110	0.624
Sodium	07/14/99	248	NLE	4.159
Thallium	07/14/99	ND	2	0.624
Vanadium	07/14/99	45.5	370	0.208
Zinc	07/14/99	282	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 #: 4494.18
Sample Received: 05/18/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-193, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	07/14/99	9510	NLE	2.463
Antimony	07/14/99	0.937	14	0.493
Arsenic	07/14/99	10.3	20	0.493
Barium	07/14/99	57.4	700	0.123
Beryllium	07/14/99	1.33	1	0.123
Cadmium	07/14/99	1.09	1	0.123
Calcium	07/14/99	1500	NLE	4.927
Chromium	07/14/99	113	NLE	0.123
Cobalt	07/14/99	1.84	NLE	0.123
Copper	07/14/99	10.6	600	0.739
Iron	07/14/99	26200	NLE	2.463
Lead	07/14/99	23.7	100	0.493
Magnesium	07/14/99	3430	NLE	4.927
Manganese	07/14/99	24.1	NLE	0.123
Mercury	06/14/99	0.283	14	0.024
Nickel	07/14/99	7.86	250	0.123
Potassium	07/14/99	7020	NLE	4.927
Selenium	07/14/99	1.63	63	0.739
Silver	07/14/99	ND	110	0.739
Sodium	07/14/99	167	NLE	4.927
Thallium	07/14/99	ND	2	0.739
Vanadium	07/14/99	52.1	370	0.246
Zinc	07/14/99	57.5	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 #: 4494.20
Sample Received: 05/18/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-194, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	07/14/99	1080	NLE	2.518
Antimony	07/14/99	0.874	14	0.504
Arsenic	07/14/99	16.0	20	0.504
Barium	07/14/99	73.0	700	0.126
Beryllium	07/14/99	0.119	1	0.126
Cadmium	07/14/99	0.520	1	0.126
Calcium	07/14/99	892	NLE	5.036
Chromium	07/14/99	12.2	NLE	0.126
Cobalt	07/14/99	0.512	NLE	0.126
Copper	07/14/99	11.2	600	0.755
Iron	07/14/99	9820	NLE	2.518
Lead	07/14/99	36.4	100	0.504
Magnesium	07/14/99	135	NLE	5.036
Manganese	07/14/99	8.35	NLE	0.126
Mercury	06/14/99	0.680	14	0.025
Nickel	07/14/99	1.92	250	0.126
Potassium	07/14/99	767	NLE	5.036
Selenium	07/14/99	1.68	63	0.755
Silver	07/14/99	ND	110	0.755
Sodium	07/14/99	99.1	NLE	5.036
Thallium	07/14/99	ND	2	0.755
Vanadium	07/14/99	10.8	370	0.252
Zinc	07/14/99	42.5	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 #: 4527.02
Sample Received: 06/01/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-195, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	07/14/99	1210	NLE	2.521
Antimony	07/14/99	0.579	14	0.504
Arsenic	07/14/99	6.35	20	0.504
Barium	07/14/99	14.6	700	0.126
Beryllium	07/14/99	0.440	1	0.126
Cadmium	07/14/99	0.959	1	0.126
Calcium	07/14/99	580	NLE	5.042
Chromium	07/14/99	16.2	NLE	0.126
Cobalt	07/14/99	0.483	NLE	0.126
Copper	07/14/99	6.66	600	0.756
Iron	07/14/99	6940	NLE	2.521
Lead	07/14/99	16.8	100	0.504
Magnesium	07/14/99	66.6	NLE	5.042
Manganese	07/14/99	5.05	NLE	0.126
Mercury	06/14/99	0.222	14	0.025
Nickel	07/14/99	3.67	250	0.126
Potassium	07/14/99	279	NLE	5.042
Selenium	07/14/99	0.816	63	0.756
Silver	07/14/99	ND	110	0.756
Sodium	07/14/99	92.6	NLE	5.042
Thallium	07/14/99	ND	2	0.756
Vanadium	07/14/99	11.6	370	0.252
Zinc	07/14/99	69.7	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 #: 4527.04
Sample Received: 06/01/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-196, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	07/14/99	851	NLE	2.307
Antimony	07/14/99	ND	14	0.461
Arsenic	07/14/99	0.664	20	0.461
Barium	07/14/99	3.67	700	0.115
Beryllium	07/14/99	ND	1	0.115
Cadmium	07/14/99	0.196	1	0.115
Calcium	07/14/99	155	NLE	4.615
Chromium	07/14/99	3.61	NLE	0.115
Cobalt	07/14/99	0.257	NLE	0.115
Copper	07/14/99	10.3	600	0.692
Iron	07/14/99	507	NLE	2.307
Lead	07/14/99	5.81	100	0.461
Magnesium	07/14/99	35.3	NLE	4.615
Manganese	07/14/99	2.44	NLE	0.115
Mercury	06/14/99	0.169	14	0.024
Nickel	07/14/99	2.28	250	0.115
Potassium	07/14/99	59.0	NLE	4.615
Selenium	07/14/99	ND	63	0.692
Silver	07/14/99	ND	110	0.692
Sodium	07/14/99	98.0	NLE	4.615
Thallium	07/14/99	ND	2	0.692
Vanadium	07/14/99	3.26	370	0.231
Zinc	07/14/99	27.8	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 #: 4527.06
Sample Received: 06/01/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-197, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	07/14/99	1050	NLE	2.240
Antimony	07/14/99	0.464	14	0.448
Arsenic	07/14/99	4.58	20	0.448
Barium	07/14/99	30.0	700	0.112
Beryllium	07/14/99	0.221	1	0.112
Cadmium	07/14/99	0.485	1	0.112
Calcium	07/14/99	1400	NLE	4.479
Chromium	07/14/99	7.20	NLE	0.112
Cobalt	07/14/99	0.755	NLE	0.112
Copper	07/14/99	25.1	600	0.672
Iron	07/14/99	3950	NLE	2.240
Lead	07/14/99	16.7	100	0.448
Magnesium	07/14/99	89.0	NLE	4.479
Manganese	07/14/99	15.6	NLE	0.112
Mercury	06/14/99	0.202	14	0.022
Nickel	07/14/99	3.32	250	0.112
Potassium	07/14/99	165	NLE	4.479
Selenium	07/14/99	ND	63	0.672
Silver	07/14/99	ND	110	0.672
Sodium	07/14/99	70.4	NLE	4.479
Thallium	07/14/99	ND	2	0.672
Vanadium	07/14/99	11.0	370	0.224
Zinc	07/14/99	22.7	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 #: 4527.08
Sample Received: 06/01/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-198, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	07/14/99	1520	NLE	2.488
Antimony	07/14/99	1.46	14	0.498
Arsenic	07/14/99	5.20	20	0.498
Barium	07/14/99	40.9	700	0.124
Beryllium	07/14/99	0.473	1	0.124
Cadmium	07/14/99	0.524	1	0.124
Calcium	07/14/99	1170	NLE	4.976
Chromium	07/14/99	21.7	NLE	0.124
Cobalt	07/14/99	0.593	NLE	0.124
Copper	07/14/99	10.2	600	0.746
Iron	07/14/99	7270	NLE	2.488
Lead	07/14/99	25.3	100	0.498
Magnesium	07/14/99	95.9	NLE	4.976
Manganese	07/14/99	5.60	NLE	0.124
Mercury	06/14/99	0.508	14	0.025
Nickel	07/14/99	3.31	250	0.124
Potassium	07/14/99	110	NLE	4.976
Selenium	07/14/99	1.04	63	0.746
Silver	07/14/99	1.84	110	0.746
Sodium	07/14/99	71.1	NLE	4.976
Thallium	07/14/99	ND	2	0.746
Vanadium	07/14/99	15.0	370	0.249
Zinc	07/14/99	26.3	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 #: 4527.10
Sample Received: 06/01/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-199, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	07/14/99	1510	NLE	2.188
Antimony	07/14/99	0.915	14	0.438
Arsenic	07/14/99	8.96	20	0.438
Barium	07/14/99	38.5	700	0.109
Beryllium	07/14/99	0.850	1	0.109
Cadmium	07/14/99	2.43	1	0.109
Calcium	07/14/99	711	NLE	4.376
Chromium	07/14/99	18.6	NLE	0.109
Cobalt	07/14/99	0.975	NLE	0.109
Copper	07/14/99	11.4	600	0.656
Iron	07/14/99	7420	NLE	2.188
Lead	07/14/99	24.5	100	0.438
Magnesium	07/14/99	64.9	NLE	4.376
Manganese	07/14/99	6.00	NLE	0.109
Mercury	06/14/99	0.294	14	0.027
Nickel	07/14/99	5.23	250	0.109
Potassium	07/14/99	141	NLE	4.376
Selenium	07/14/99	0.937	63	0.656
Silver	07/14/99	0.786	110	0.656
Sodium	07/14/99	70.8	NLE	4.376
Thallium	07/14/99	ND	2	0.656
Vanadium	07/14/99	14.9	370	0.219
Zinc	07/14/99	35.6	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 #: 4527.12
Sample Received: 06/01/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-200, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	07/14/99	1120	NLE	2.791
Antimony	07/14/99	ND	14	0.558
Arsenic	07/14/99	6.85	20	0.558
Barium	07/14/99	22.9	700	0.140
Beryllium	07/14/99	0.289	1	0.140
Cadmium	07/14/99	0.898	1	0.140
Calcium	07/14/99	1290	NLE	5.582
Chromium	07/14/99	10.7	NLE	0.140
Cobalt	07/14/99	0.695	NLE	0.140
Copper	07/14/99	20.4	600	0.837
Iron	07/14/99	6170	NLE	2.791
Lead	07/14/99	36.7	100	0.558
Magnesium	07/14/99	145	NLE	5.582
Manganese	07/14/99	22.9	NLE	0.140
Mercury	06/14/99	0.592	14	0.024
Nickel	07/14/99	3.85	250	0.140
Potassium	07/14/99	168	NLE	5.582
Selenium	07/14/99	ND	63	0.837
Silver	07/14/99	ND	110	0.837
Sodium	07/14/99	94.3	NLE	5.582
Thallium	07/14/99	ND	2	0.837
Vanadium	07/14/99	11.9	370	0.279
Zinc	07/14/99	58.7	1500	0.279

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4527.14
Sample Received: 06/01/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-201, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	07/14/99	499	NLE	2.304
Antimony	07/14/99	ND	14	0.461
Arsenic	07/14/99	ND	20	0.461
Barium	07/14/99	6.43	700	0.115
Beryllium	07/14/99	ND	1	0.115
Cadmium	07/14/99	0.181	1	0.115
Calcium	07/14/99	482	NLE	4.607
Chromium	07/14/99	5.96	NLE	0.115
Cobalt	07/14/99	ND	NLE	0.115
Copper	07/14/99	3.05	600	0.691
Iron	07/14/99	791	NLE	2.304
Lead	07/14/99	2.02	100	0.461
Magnesium	07/14/99	50.7	NLE	4.607
Manganese	07/14/99	3.66	NLE	0.115
Mercury	06/14/99	0.265	14	0.020
Nickel	07/14/99	1.06	250	0.115
Potassium	07/14/99	139	NLE	4.607
Selenium	07/14/99	ND	63	0.691
Silver	07/14/99	ND	110	0.691
Sodium	07/14/99	158	NLE	4.607
Thallium	07/14/99	ND	2	0.691
Vanadium	07/14/99	3.52	370	0.230
Zinc	07/14/99	20.5	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 #: 4527.16
Sample Received: 06/01/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-202, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	07/14/99	910	NLE	2.620
Antimony	07/14/99	ND	14	0.524
Arsenic	07/14/99	7.98	20	0.524
Barium	07/14/99	37.9	700	0.131
Beryllium	07/14/99	0.302	1	0.131
Cadmium	07/14/99	0.733	1	0.131
Calcium	07/14/99	706	NLE	5.240
Chromium	07/14/99	49.1	NLE	0.131
Cobalt	07/14/99	1.29	NLE	0.131
Copper	07/14/99	7.64	600	0.786
Iron	07/14/99	6040	NLE	2.620
Lead	07/14/99	18.5	100	0.524
Magnesium	07/14/99	287	NLE	5.240
Manganese	07/14/99	6.73	NLE	0.131
Mercury	06/14/99	0.222	14	0.022
Nickel	07/14/99	410	250	0.131
Potassium	07/14/99	419	NLE	5.240
Selenium	07/14/99	ND	63	0.786
Silver	07/14/99	ND	110	0.786
Sodium	07/14/99	126	NLE	5.240
Thallium	07/14/99	ND	2	0.786
Vanadium	07/14/99	9.31	370	0.262
Zinc	07/14/99	53.9	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 #: 4527.18
Sample Received: 06/01/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-203, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	07/14/99	5860	NLE	2.220
Antimony	07/14/99	0.658	14	0.444
Arsenic	07/14/99	7.34	20	0.444
Barium	07/14/99	33.9	700	0.111
Beryllium	07/14/99	0.929	1	0.111
Cadmium	07/14/99	1.25	1	0.111
Calcium	07/14/99	653	NLE	4.440
Chromium	07/14/99	65.4	NLE	0.111
Cobalt	07/14/99	1.38	NLE	0.111
Copper	07/14/99	13.1	600	0.666
Iron	07/14/99	18000	NLE	2.220
Lead	07/14/99	49.0	100	0.444
Magnesium	07/14/99	1690	NLE	4.440
Manganese	07/14/99	25.0	NLE	0.111
Mercury	06/14/99	0.413	14	0.022
Nickel	07/14/99	7.36	250	0.111
Potassium	07/14/99	3490	NLE	4.440
Selenium	07/14/99	1.58	63	0.666
Silver	07/14/99	ND	110	0.666
Sodium	07/14/99	113	NLE	4.440
Thallium	07/14/99	ND	2	0.666
Vanadium	07/14/99	34.7	370	0.222
Zinc	07/14/99	63.8	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 #: 4530.02
Sample Received: 06/01/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-204, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	07/14/99	10400	NLE	2.291
Antimony	07/14/99	0.513	14	0.458
Arsenic	07/14/99	7.89	20	0.458
Barium	07/14/99	41.2	700	0.115
Beryllium	07/14/99	0.990	1	0.115
Cadmium	07/14/99	1.21	1	0.115
Calcium	07/14/99	1530	NLE	4.581
Chromium	07/14/99	83.1	NLE	0.115
Cobalt	07/14/99	3.77	NLE	0.115
Copper	07/14/99	25.1	600	0.687
Iron	07/14/99	30100	NLE	2.291
Lead	07/14/99	22.8	100	0.458
Magnesium	07/14/99	3400	NLE	4.581
Manganese	07/14/99	58.7	NLE	0.115
Mercury	06/14/99	0.207	14	0.021
Nickel	07/14/99	11.7	250	0.115
Potassium	07/14/99	6680	NLE	4.581
Selenium	07/14/99	1.33	63	0.687
Silver	07/14/99	ND	110	0.687
Sodium	07/14/99	231	NLE	4.581
Thallium	07/14/99	ND	2	0.687
Vanadium	07/14/99	60.8	370	0.229
Zinc	07/14/99	63.9	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 #: 4530.04
Sample Received: 06/01/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-205, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	07/14/99	9730	NLE	2.243
Antimony	07/14/99	0.757	14	0.449
Arsenic	07/14/99	10.3	20	0.449
Barium	07/14/99	46.3	700	0.112
Beryllium	07/14/99	0.873	1	0.112
Cadmium	07/14/99	1.62	1	0.112
Calcium	07/14/99	1050	NLE	4.487
Chromium	07/14/99	67.9	NLE	0.112
Cobalt	07/14/99	3.61	NLE	0.112
Copper	07/14/99	9.47	600	0.673
Iron	07/14/99	30100	NLE	2.243
Lead	07/14/99	23.1	100	0.449
Magnesium	07/14/99	2430	NLE	4.487
Manganese	07/14/99	77.6	NLE	0.112
Mercury	06/14/99	0.292	14	0.022
Nickel	07/14/99	10.3	250	0.112
Potassium	07/14/99	5290	NLE	4.487
Selenium	07/14/99	1.09	63	0.673
Silver	07/14/99	ND	110	0.673
Sodium	07/14/99	99.8	NLE	4.487
Thallium	07/14/99	ND	2	0.673
Vanadium	07/14/99	49.2	370	0.224
Zinc	07/14/99	90.1	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 #: 4530.06
Sample Received: 06/01/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-206, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	07/14/99	9240	NLE	2.494
Antimony	07/14/99	0.629	14	0.499
Arsenic	07/14/99	8.64	20	0.499
Barium	07/14/99	29.7	700	0.125
Beryllium	07/14/99	0.739	1	0.125
Cadmium	07/14/99	2.08	1	0.125
Calcium	07/14/99	711	NLE	4.988
Chromium	07/14/99	41.9	NLE	0.125
Cobalt	07/14/99	2.81	NLE	0.125
Copper	07/14/99	10.5	600	0.748
Iron	07/14/99	19300	NLE	2.494
Lead	07/14/99	23.9	100	0.499
Magnesium	07/14/99	1730	NLE	4.988
Manganese	07/14/99	115	NLE	0.125
Mercury	06/14/99	0.215	14	0.022
Nickel	07/14/99	8.20	250	0.125
Potassium	07/14/99	2440	NLE	4.988
Selenium	07/14/99	1.12	63	0.748
Silver	07/14/99	ND	110	0.748
Sodium	07/14/99	334	NLE	4.988
Thallium	07/14/99	ND	2	0.748
Vanadium	07/14/99	35.2	370	0.249
Zinc	07/14/99	48.5	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 #: 4530.08
Sample Received: 06/01/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-207, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	07/14/99	8230	NLE	2.315
Antimony	07/14/99	0.657	14	0.463
Arsenic	07/14/99	7.18	20	0.463
Barium	07/14/99	27.9	700	0.116
Beryllium	07/14/99	0.659	1	0.116
Cadmium	07/14/99	0.658	1	0.116
Calcium	07/14/99	959	NLE	4.630
Chromium	07/14/99	43.1	NLE	0.116
Cobalt	07/14/99	2.54	NLE	0.116
Copper	07/14/99	6.89	600	0.694
Iron	07/14/99	18400	NLE	2.315
Lead	07/14/99	20.5	100	0.463
Magnesium	07/14/99	1450	NLE	4.630
Manganese	07/14/99	93.1	NLE	0.116
Mercury	06/14/99	0.242	14	0.020
Nickel	07/14/99	7.30	250	0.116
Potassium	07/14/99	2340	NLE	4.630
Selenium	07/14/99	0.914	63	0.694
Silver	07/14/99	ND	110	0.694
Sodium	07/14/99	110	NLE	4.630
Thallium	07/14/99	ND	2	0.694
Vanadium	07/14/99	37.5	370	0.231
Zinc	07/14/99	40.3	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 #: 4530.10
Sample Received: 06/01/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-208, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	07/14/99	6530	NLE	2.048
Antimony	07/14/99	0.485	14	0.410
Arsenic	07/14/99	5.16	20	0.410
Barium	07/14/99	17.8	700	0.102
Beryllium	07/14/99	0.607	1	0.102
Cadmium	07/14/99	0.790	1	0.102
Calcium	07/14/99	323	NLE	4.096
Chromium	07/14/99	50.6	NLE	0.102
Cobalt	07/14/99	3.04	NLE	0.102
Copper	07/14/99	344	600	0.614
Iron	07/14/99	17800	NLE	2.048
Lead	07/14/99	15.7	100	0.410
Magnesium	07/14/99	1290	NLE	4.096
Manganese	07/14/99	158	NLE	0.102
Mercury	06/14/99	1.017	14	0.024
Nickel	07/14/99	6.82	250	0.102
Potassium	07/14/99	2780	NLE	4.096
Selenium	07/14/99	0.867	63	0.614
Silver	07/14/99	ND	110	0.614
Sodium	07/14/99	75.4	NLE	4.096
Thallium	07/14/99	ND	2	0.614
Vanadium	07/14/99	35.5	370	0.205
Zinc	07/14/99	112	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 #: 4530.12
Sample Received: 06/01/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-209, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	07/14/99	5390	NLE	2.580
Antimony	07/14/99	1.18	14	0.516
Arsenic	07/14/99	8.40	20	0.516
Barium	07/14/99	44.0	700	0.129
Beryllium	07/14/99	1.01	1	0.129
Cadmium	07/14/99	1.42	1	0.129
Calcium	07/14/99	928	NLE	5.160
Chromium	07/14/99	65.6	NLE	0.129
Cobalt	07/14/99	2.03	NLE	0.129
Copper	07/14/99	47.5	600	0.774
Iron	07/14/99	18500	NLE	2.580
Lead	07/14/99	23.6	100	0.516
Magnesium	07/14/99	1610	NLE	5.160
Manganese	07/14/99	20.5	NLE	0.129
Mercury	06/14/99	0.346	14	0.025
Nickel	07/14/99	6.98	250	0.129
Potassium	07/14/99	3360	NLE	5.160
Selenium	07/14/99	1.26	63	0.774
Silver	07/14/99	ND	110	0.774
Sodium	07/14/99	114	NLE	5.160
Thallium	07/14/99	ND	2	0.774
Vanadium	07/14/99	33.6	370	0.258
Zinc	07/14/99	71.3	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 #: 4530.14
Sample Received: 06/01/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-210, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	07/14/99	7020	NLE	2.549
Antimony	07/14/99	0.734	14	0.510
Arsenic	07/14/99	6.11	20	0.510
Barium	07/14/99	42.3	700	0.127
Beryllium	07/14/99	1.35	1	0.127
Cadmium	07/14/99	1.66	1	0.127
Calcium	07/14/99	532	NLE	5.099
Chromium	07/14/99	72.0	NLE	0.127
Cobalt	07/14/99	1.88	NLE	0.127
Copper	07/14/99	12.8	600	0.765
Iron	07/14/99	18800	NLE	2.549
Lead	07/14/99	25.0	100	0.510
Magnesium	07/14/99	1590	NLE	5.099
Manganese	07/14/99	22.2	NLE	0.127
Mercury	06/14/99	0.287	14	0.024
Nickel	07/14/99	11.0	250	0.127
Potassium	07/14/99	2980	NLE	5.099
Selenium	07/14/99	1.35	63	0.765
Silver	07/14/99	ND	110	0.765
Sodium	07/14/99	165	NLE	5.099
Thallium	07/14/99	ND	2	0.765
Vanadium	07/14/99	39.7	370	0.255
Zinc	07/14/99	57.9	1500	0.255

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4530.16
Sample Received: 06/01/99
Sample Matrix: Soil

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: M-2-211, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date of Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	07/14/99	7810	NLE	2.562
Antimony	07/14/99	1.09	14	0.512
Arsenic	07/14/99	8.35	20	0.512
Barium	07/14/99	38.7	700	0.128
Beryllium	07/14/99	1.23	1	0.128
Cadmium	07/14/99	1.70	1	0.128
Calcium	07/14/99	679	NLE	5.124
Chromium	07/14/99	76.3	NLE	0.128
Cobalt	07/14/99	2.19	NLE	0.128
Copper	07/14/99	15.0	600	0.769
Iron	07/14/99	28800	NLE	2.562
Lead	07/14/99	31.8	100	0.512
Magnesium	07/14/99	1680	NLE	5.124
Manganese	07/14/99	21.6	NLE	0.128
Mercury	06/14/99	0.288	14	0.026
Nickel	07/14/99	8.69	250	0.128
Potassium	07/14/99	3220	NLE	5.124
Selenium	07/14/99	2.00	63	0.769
Silver	07/14/99	ND	110	0.769
Sodium	07/14/99	86.3	NLE	5.124
Thallium	07/14/99	1.03	2	0.769
Vanadium	07/14/99	43.0	370	0.256
Zinc	07/14/99	45.5	1500	0.256

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 M2-B4 [Cover]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 2-19-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0			ORGANIC MATL.		
6	4286.02	1	Mixed sands and organic material - black / brown	0950	0 PPM
12					
18					
24	4286.03	2		0950	0 PPM
30					
36					
42					
48					

09-24-1999 X:\MTECH5\M2\M2-B004C.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B5 [Cover]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 2-19-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0			ORGANIC MATL.		
6	4286.04	1	Mixed sands brown / tan / olive green - and landfill debris - plastic, wood, paper, cinders and coal.	1015	0 PPM
12					
18					
24	4286.05	2		1015	0 PPM
30					
36					
42					
48					

09-24-1999 X:\MTECH5\M2\M2-B005C.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B6 [Cover]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 2-19-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0			ORGANIC MATL.		
6	4286.06	1	Mixed sands brown / tan / olive green - and landfill debris - plastic, wood, paper, cinders and coal.	1115	0 PPM
12					
18					
24	4286.07	2		1115	0 PPM
30					
36					
42					
48					

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B13 [Cover]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 2-23-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0			ORGANIC MATL.		
			SAND,fine / med. - orange / tan		
6					
	4295.02	1		0950	0 PPM
12					
18					
24	4295.03	2		0950	0 PPM
30					
36					

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B14 [Cover]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 2-23-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0			ORGANIC MATL.		
			SAND,fine / med. - orange / tan		
6	4295.04	1		1050	0 PPM
12					
18					
24	4295.05	2		1050	0 PPM
30					
36					

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B15 [Cover]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 2-23-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0			ORGANIC MATL.		
6	4295.06	1	SILTY SAND,fine - brown	1115	0 PPM
12					
18					
24	4295.07	2		1115	0 PPM
30			SAND, fine / med. - tan		
36					
42					

09-24-1999 X:\MTECH5\M2\M2-B015C.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B19 [Cover]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 2-24-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0			ORGANIC MATL.		
6			SILTY SAND, fine - brown		
	4298.02	1	SAND, fine / med. - orange / olive green w/ some wood matl.	1020	0 PPM
12			HAND AUGERED LOCATION		
18					
24	4298.03	2		1020	0 PPM
30					
36					

09-24-1999 X:\MTECH5\M2\M2-B019C.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B20 [Cover]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 2-24-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0			ORGANIC MATL.		
6			SILTY SAND, fine - brown		
	4298.04	1	SAND, fine / med. - orange / olive green w/ some wood matl.	1036	0 PPM
12			HAND AUGERED LOCATION		
18					
24	4298.05	2		1036	0 PPM
30					
36					
42					

09-24-1999 X:\MTECH5\M2\M2-B020C.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B21 [Cover]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 2-24-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0			ORGANIC MATL.		
6	4298.06	1	SILTY SAND, fine - brown	1050	0 PPM
12			SILTY SAND, fine - lt. olive green / lt. brown		
18					
24	4298.07	2		1050	0 PPM
30					
36					
42					

09-24-1999 X:\MTECH5\M2\M2-B021C.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B25 [Cover]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 2-24-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0			ORGANIC MATL.		
6	4298.08	1	SILTY SAND, fine - brown	1142	0 PPM
12					
18			SILTY SAND, fine - olive green w/ some sm. rnd. quartz gravels		
24	4298.09	2		1142	0 PPM
30					
36					
42					

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B26 [Cover]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 2-24-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0			ORGANIC MATL.		
6	4298.10	1	SILTY SAND, fine - brown	1338	0 PPM
12					
18			SAND, med. / fine - orange / brown		
24	4298.11	2	SILTY SAND, fine - olive green / brown	1338	0 PPM
30			SAND, med. / fine - tan		
36					
42					
48					

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B27 [Cover]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 2-24-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0			ORGANIC MATL.		
6	4298.12	1	SILTY SAND, fine - brown	1350	0 PPM
12					
18			SAND, med. / fine - orange / brown		
24	4298.13	2	SILTY SAND, fine - olive green / brown	1350	0 PPM
30			SAND, med. / fine - tan		
36					
42					
48					

09-24-1999 X:\MTECH5\M2\M2-B027C.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M12-B28

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M12 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-23-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	OVA
0			Turf		
			SANDY CLAY, olive orange		
6					
	3425.18	1		1430	0.08-PPM
12					
18	3425.19	2		1430	0.06-PPM
			WOOD DEBRIS		
			SAND, fine - with some CINDERS		
24					
			ASPHALT Material		
30					
			CLAYEY SAND, fine - looam black		
36					
42					

10-12-1999 X:\MTECH5\M12\M12-B28.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M12-B29

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M12 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-23-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	OVA
0			Turf		
6	3425.20	1	SANDY CLAY, well sorted green/orange	1502	0.00-PPM
12					
18	3425.21	2		1502	0.00-PPM
24			CLAYEY SAND, fine - green/orange with some CINDERS		
			CINDERS		
30			SAND, fine - orange		
			CLAYEY SILT, black		
36					
42					
			fill material wood , brick and glass		
48					
54					

10-12-1999 X:\MTECH5\M12\M12-B29.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B30 [PCB]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-5-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0	4320.16	1	ORGANIC MATL.	1100	0 PPM
6			SILTY SAND, fine - brown		
12	4320.17	2		1110	0 PPM
18			SAND, med. / fine - orange / brown		
24			SILTY SAND, fine - olive green / brown		
	4320.18	3	SAND, med. / fine - tan	1110	0 PPM
30					
36	4320.19	4		1110	0 PPM
42					
48			Mixed sands and landfill matl.		
	4320.20	5		1110	0 PPM
54			HAND AUGER LOCATION		
60	4320.21	6		1110	0 PPM
66					
72					

10-06-1999 X:\MTECH5\M2\M2-B030.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B31 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-8-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			ORGANIC MATL.			
6			SAND, med. / fine - dk. brown			
	4327.02	1		1300	0 PPM	
12						
18						
24	4327.03	2		1300	0 PPM	
30			SILTY SAND, fine - olive green / brown w/ some wood matl.			
36						
42						
48						
54						
60						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B31 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-8-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
60						
			SAND, fine - brown / dk. gray w/ some coal and wood matl.			
66						
72	4328.03	3		1310	0 PPM	METH.
78						
84			Pre- probed - soils unknown			
90						
			GW Sample from 7 - 10'			
96						
102	4328.04	4		1320	0 PPM	VOA+15
108						
114						
120						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B32 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-8-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			ORGANIC MATL.			
6	4327.04	1	SAND, med. / fine - dk. brown	1400	0 PPM	
12						
18						
24	4327.05	2		1400	0 PPM	
30			SILTY SAND, fine - olive green / brown w/ some wood matl.			
36						
42						
48						
54						
60						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B32 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 3-8-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
60						
			SAND, fine - brown / dk. gray w/ some coal and wood matl.			
66						
72	4328.05	3		1410	0 PPM	METH.
78						
84			Pre- probed - soils unknown			
90						
			GW Sample from 7 - 10'			
96						
102	4328.06	4		1422	0 PPM	VOA+15
108						
114						
120						

10-06-1999 X:\MTECH5\M2\M2-B031.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B33 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-8-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			ORGANIC MATL.			
6			SAND, med. / fine - brown			
	4327.06	1		1500	0 PPM	
12						
18						
24	4327.07	2		1500	0 PPM	
30						
36			SAND, fine - brown / dk. gray			
42			Mixed sands and fill material.			
48						
54						
60						

10-06-1999 X:\MTECH5\M2\M2-B033.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B33 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-8-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
60						
66						
72	4328.08	3		1515	0 PPM	METH.
78						
84						
90			Pre probed - soils unknown			
96						
102	4328.09	4	GW Sample from 7 - 10'	1522	0 PPM	VOA+15
108						
114						
120						

10-06-1999 X:\MTECH5\M2\M2-B033.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B34 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-9-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			ORGANIC MATL.			
6			SAND, med. / fine - brown			
	4331.02	1		1110	0 PPM	
12						
18						
24	4331.03	2		1110	0 PPM	
30						
36			SAND, fine - brown / dk. gray			
42			Mixed sands and fill material.			
48						
54						
60						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B34 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-9-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
60						
66						
72	4332.03	3		1120	0 PPM	METH.
78						
84						
90			Pre probed - soils unknown			
96						
			GW Sample from 7 - 10'			
102	4332.04	4		1130	0 PPM	VOA+15
108						
114						
120						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B35 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-9-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
60						
66						
72	4332.05	3		1325	100 PPM	METH.
78						
84			Pre probed - soils unknown			
90						
96			GW Sample from 7 - 10'			
102	4332.06	4		1345	2 PPM	VOA+15
108						
114						
120						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B35 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-9-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			ORGANIC MATL.			
6			SILT and fine sand - brown			
12	4331.04	1	SILTY SAND, fine - olive green w/ some cinders	1320	0 PPM	
18						
24	4331.05	2		1320	0 PPM	
30						
36			ASPHALT			
42			SILTY SAND, fine - olive green			
48						
54			Mixed sands and landfill material (wood, plastic, glass)			
60						

10-06-1999 X:\MTECH5\M2\M2-B035.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B36 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 3-9-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			ORGANIC MATL.			
6	4331.06	1	SILT and fine sand - brown	1420	0 PPM	
12			SILTY SAND, fine - olive green w/ some cinders			
18						
24	4331.07	2		1420	0 PPM	
30						
36			ASPHALT			
42			SILTY SAND, fine - olive green			
48						
54			Mixed sands and landfill material (wood, plastic, glass)			
60						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B36 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 3-9-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
60						
66						
72	4332.07	3		1425	100 PPM	METH.
78						
84			Pre probed - soils unknown			
90						
			GW Sample from 7 - 10'			
96						
102	4332.08	4		1430	2 PPM	VOA+15
108						
114						
120						

09-24-1999 X:\MTECH5\M2\M2-B035.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B37 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-10-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic matl.			
6	4331.2	1	SILTY SAND, fine - brown	1508	0 PPM	
12			Woody material			
18			CLAYEY SILT, and fine sand - brown / lt. brown			
24	4331.3	2		1508	0 PPM	
30						
36			CLAYEY SILT, dk. gray			
42			Clay w/ some silt - olive green			
48						
54						
60						

10-07-1999 X:\MTECH5\M2\M2-B037.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B37 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-10-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
60						
66						
72	4332.09	3		1525	0 PPM	METH.
78			Groundwater sample 7-10'			
84						
90						
96						
102	4332.10	4		1535	0 PPM	VOA+15
108						
114						
120						

10-07-1999 X:\MTECH5\M2\M2-B037.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B38 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-10-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic matl.			
6			Mixed sands - brown			
	4335.02	1		1030	0 PPM	
12						
18						
24	4335.03	2		1030	0 PPM	
30						
36						
42						
48						
54						
60						

09-24-1999 X:\MTECH5\M2\M2-B037.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B38 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-10-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
60						
66						
72	4334.03	3		1035	0 PPM	METH.
78						
84			Groundwater sample 7-10'			
90						
96						
102	4334.04	4		1040	0 PPM	VOA+15
108						
114						
120						

09-24-1999 X:\MTECH5\M2\M2-B037.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B39 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-10-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic matl.			
6	4335.04	1	SILTY SAND, fine - brown	1110	0 PPM	
12			Mixed sands - dk. brown / lt. brown w/ some cinder matl.			
18						
24	4335.05	2		1110	0 PPM	
30			SAND, fine - lt. brown			
36			Mixed sands and cinders			
42			SAND, med. / fine - lt. brown			
48						
54						
60						

10-06-1999 X:\MTECH5\M2\M2-B03-1.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B39 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-10-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
60						
66						
72	4334.05	3		1118	0 PPM	METH.
78						
84			Groundwater Sample 7- 10'			
90						
96						
102	4334.06	4		1127	0 PPM	VOA+15
108						
114						
120						

10-06-1999 X:\WTECH5\M2\M2-B03-1.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B40 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 3-10-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic matl.			
6	4335.06	1	SILTY SAND, fine - brown	1255	0 PPM	
12			SAND, fine - black / brown			
18			CLAYEY SILT, black			
24	4335.07	2	SAND, med. / fine - black / olive green	1255	0 PPM	
30						
36			SAND, med. / fine - w/ cinders - black / olive green			
42						
48						
54						
60						

09-24-1999 X:\MTECH5\M2\M2-B039.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B40 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 3-10-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
60						
66						
72	4334.07	3		1300	0 PPM	METH.
78						
84			Groundwater Sample 7- 10'			
90						
96						
102	4334.08	4		1313	0 PPM	VOA+15
108						
114						
120						

09-24-1999 X:\MTECH5\M2\M2-B039.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B41 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 3-10-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Matl.			
6			Mixed sands and silts w/ coal and cinder matl.			
	4335.08	1		1400	0 PPM	
12						
18						
24	4335.09	2		1400	0 PPM	
30						
36						
42						
48						
54						
60						

09-24-1999 X:\MTECH5\M2\M2-B040.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B41 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 3-10-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
60			Groundwater Sample 7- 10'			
66						
72	4334.09	3		1415	0 PPM	METH.
78						
84						
90						
96						
102	4334.10	4		1420	0 PPM	VOA+15
108						
114						
120						

09-24-1999 X:\MTECH5\M2\M2-B040.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B42 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 3-10-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Matl.			
6			Mixed sands and silts w/ coal and cinder matl.			
12	4335.10	1		1500	0 PPM	
18						
24	4335.11	2		1500	0 PPM	
30						
36						
42						
48						
54						
60						

09-24-1999 X:\MTECH5\M2\M2-B042.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B42 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 3-10-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
60						
66						
72	4334.11	3		1510	0 PPM	METH.
78						
84			Groundwater Sample 7- 10'			
90						
96						
102	4334.12	4		1515	0 PPM	VOA+15
108						
114						
120						

09-24-1999 X:\MTECH5\M2\M2-B042.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B43 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-11-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Matl.			
6			Mixed sands and silts w/ coal and cinder matl.			
	4340.02	1		1020	0 PPM	
12						
18						
24	4340.03	2		1020	0 PPM	
30						
36						
42						
48						
54						
60						

09-24-1999 X:\MTECH5\M2\M2-B043.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B43 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-11-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
60						
66						
72	4339.03	3		1040	0 PPM	METH.
78						
84			Groundwater Sample 7- 10'			
90						
96						
102	4339.04	4		1140	0 PPM	VOA+15
108						
114						
120						

09-24-1999 X:\MTECH5\M2\M2-B043.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B44 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 3-11-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Matl.			
6			Mixed sands and silts w/ coal and cinder matl.			
12	4340.04	1		1125	0 PPM	
18						
24	4340.05	2		1125	0 PPM	
30						
36						
42						
48						
54						
60						

09-24-1999 X:\MTECH5\M2\M2-B044.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B44 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-11-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
60						
66						
72	4339.05	3		1130	0 PPM	METH.
78						
84			Groundwater Sample 7- 10'			
90						
96						
102	4339.06	4		1145	0 PPM	VOA+15
108						
114						
120						

09-24-1999 X:\MTECH5\M2\M2-B044.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B45 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-16-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Matl.			
6	4349.02	1	Mixed sands and landfill matl. - cinders, glass, plastic	1110	0 PPM	
12						
18						
24	4349.03	2		1110	0 PPM	
30						
36						
42						
48						
54						
60						

09-24-1999 X:\MTECH5\M2\M2-B045.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B45 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 3-16-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
60						
66						
72	4350.03	3		1115	0 PPM	METH.
78						
84			Groundwater Sample 7- 10'			
90						
96						
102	4350.04	4		1122	0 PPM	VOA+15
108						
114						
120						

09-24-1999 X:\MTECH5\M2\M2-B045.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B46 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 3-16-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Matl.			
6	4349.04	1	SILT and fine sand - brown	1145	0 PPM	
12						
18						
24	4349.05	2		1145	0 PPM	
30						
36						
42			SAND, fine - brown			
48			SAND, med. / fine - w/ cement, cinders, glass			
54						
60						

09-24-1999 X:\MTECH5\M2\M2-B046.BOR

000103

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B46 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 3-16-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
60						
66						
72	4350.05	3		1150	0 PPM	METH.
78						
84			Groundwater Sample 7- 10'			
90						
96						
102	4350.06	4		1200	0 PPM	VOA+15
108						
114						
120						

09-24-1999 X:\MTECH5\M2\M2-B046.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B47 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-16-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Matl.			
6	4349.06	1	SILTY SAND, fine - brown / olive green	1320	0 PPM	
12						
18			SAND, fine - tan w/ < 3% small md. gravels			
24	4349.07	2		1320	0 PPM	
30			Mixed sands w/ cinders, coal, and brick matl.			
36						
42						
48						
54						
60						

09-24-1999 X:\MTECH5\M2\M2-B047.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B47 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 3-16-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
60						
66						
72	4350.07	3	CLAYEY SILT, - olive green	1325	0 PPM	METH.
78						
84			Groundwater Sample 7 - 10'			
90						
96						
102	4350.08	4		1400	0 PPM	VOA+15
108						
114						
120						

09-24-1999 X:\MTECH5\M2\M2-B047.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B48 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-16-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Matl.			
6	4349.08	1	SILTY SAND, fine - brown / olive green	1350	0 PPM	
18			SAND, fine - tan w/ < 3% small rnd. gravels			
24	4349.09	2		1350	0 PPM	
30			Mixed sands w/ cinders, coal, and brick matl.			
36						
42						
48						
54						
60						

09-24-1999 X:\MTECH5\M2\M2-B048.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B48 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-16-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
60						
66						
72	4350.09	3	CLAYEY SILT, - olive green	1355	0 PPM	METH.
78						
84			Groundwater Sample 7 - 10'			
90						
96						
102	4350.10	4		1410	0 PPM	VOA+15
108						
114						
120						

09-24-1999 X:\MTECH5\M2\M2-B048.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B49 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-17-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Matl.			
6			SAND, fine - brown			
	4356.2	1		0939	0 PPM	
12						
18						
24	4356.3	2		0939	0 PPM	
30						
36						
			SAND, med. / fine - w/ some cement and cinders			
42						
48						
54						
60						

10-07-1999 X:\MTECH5\M2\M2-B049.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B49 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-17-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
60						
66						
72	4355.03	3		0943	0 PPM	METH.
78						
84			Groundwater Sample 6.5 - 9.5'			
90						
96	4355.04	4		0947	0 PPM	VOA+15
102						
108						
114						
120						

10-07-1999 X:\MTECH5\M2\M2-B049.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B50 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-17-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Matl.			
6	4356.04	1	SILTY SAND, fine - brown w/ < 1% small rnd. gravels	1025	0 PPM	
12						
18						
24	4356.05	2		1025	0 PPM	
30						
36						
42			SAND, med. / fine - brown / black / tan w/ small rnd. gravels and cinder matl.			
48			SAND, med. / fine - tan w/ < 2% small rnd. gravels			
54						
60						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B50 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 3-17-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
60						
66						
72	4355.05	3		1030	0 PPM	METH.
78						
84			Groundwater Sample 6.5 - 9.5'			
90						
96	4355.06	4		1040	0 PPM	VOA+15
102						
108						
114						
120						

09-24-1999 X:\MTECH5\M2\M2-B049.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B51 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-17-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Matl.			
			SILTY SAND, fine - brown			
6	4356.6	1		1115	0 PPM	
12						
18						
24	4356.7	2		1115	0 PPM	
30						
36						
			SAND, med. / fine - tan - w/ some small md. gravels			
42						
48			Mixed sands and fill material - plastic, wood, glass and wallboard			
54						
60						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B51 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-17-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
60						
66						
72	4355.07	3		1120	0 PPM	METH.
78						
84			Groundwater Sample 6.5 - 9.5'			
90						
96	4355.18	4		1125	0 PPM	VOA+15
102						
108						
114						
120						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B52 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-17-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Matl.			
6	4356.08	1	Mixed sands - med. / fine - w/ some silts and clay - brown / olive green	1140	0 PPM	
12						
18						
24	4356.09	2		1140	0 PPM	
30						
36						
42						
48						
54						
60						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B52 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-17-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
60						
66						
72	4355.09	3		1145	0 PPM	METH.
78			Groundwater Sample 6.5 - 9.5'			
84						
90						
96	4355.10	4		1200	0 PPM	VOA+15
102						
108						
114						
120						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B53 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-17-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Matl.			
6	4356.10	1	SILTY SAND, fine - brown	1338	0 PPM	
18			SAND, fine - black / olive green			
24	4356.11	2		1338	0 PPM	
30			Mixed sands and asphalt material			
48			SAND, med. / fine - tan / olive green			
60						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B53 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 3-17-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
60						
66						
72	4355.11	3		1345	0 PPM	METH.
78						
84			Groundwater Sample 6.5 - 9.5'			
90						
96	4355.12	4		1350	0 PPM	VOA+15
102						
108						
114						
120						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B54 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 3-17-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Matl.			
6			SILTY SAND, fine - brown.			
	4356.12	1		1415	0 PPM	
12			SAND, med. / fine - tan / brown / black.			
18						
24	4356.13	2	Mixed sands and asphalt matl. w/ petroleum odor.	1415	0 PPM	
30			SAND, med. / fine - tan / olive green			
36			SAND, fine - lt. olive green			
42						
48						
54						
60						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B54 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-17-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
60						
66						
72	4355.13	3		1420	0 PPM	METH.
78						
84			Groundwater Sample 6.5 - 9.5'			
90						
96	4355.14	4		1425	0 PPM	VOA+15
102						
108						
114						
120						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B55 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 3-17-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Matl.			
6			SILTY SAND, fine - brown.			
	4356.14	1		1505	0 PPM	
12			SAND, med. / fine - tan / brown / black.			
18						
24	4356.15	2	Mixed sands and asphalt matl. w/ petroleum odor.	1505	0 PPM	
30			SAND, med. / fine - tan / olive green			
36			SAND, fine - lt. olive green			
42						
48						
54						
60						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B55 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 3-17-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
60						
66						
72	4355.15	3		1510	0 PPM	METH.
78						
84			Groundwater Sample 6.5 - 9.5'			
90						
96	4355.16	4		1520	0 PPM	VOA+15
102						
108						
114						
120						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B56 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-18-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Matl.			
			SILTY SAND, fine - brown			
6	4359.2	1		1040	0 PPM	
12			Mixed sands and cinder material.			
18			SAND, fine / med. - gray / black / tan / brown			
24	4359.3	2		1040	0 PPM	
30						
36			Mixed sands and landfill debris - glass, cinders, paper material.			
42						
48						
54						
60						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B56 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-18-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
60						
66			Mixed sands and landfill debris -			
72	4358.03	3		1050	0 PPM	METH.
78						
84			Groundwater Sample 6.5 - 9.5'			
90						
96	4358.04	4		1055	0 PPM	VOA+15
102						
108						
114						
120						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B57 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-17-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Matl.			
			SILTY SAND, fine - brown			
6	4359.4	1		1130	0 PPM	
12						
			Mixed sands and cinder material			
18						
			SAND, med. / fine - tan / dk. gray			
24	4359.5	2		1130	0 PPM	
30						
36						
42						
48			SILTY SAND, fine - and coal frags. - olive green			
54						
60						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B57 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-18-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Matl.			
			SILTY SAND, fine - brown			
6	4359.4	1		1130	0 PPM	
12						
			Mixed sands and cinder material			
18						
			SAND, med. / fine - tan / dk. gray			
24	4359.5	2		1130	0 PPM	
30						
36						
42						
48			SILTY SAND, fine - and coal frags. - olive green			
54						
60						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B57 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-18-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
60						
66						
			SILTY SAND, fine - and coal frags. - olive green / brown			
72	4358.05	3		1140	0 PPM	METH.
78						
84			Groundwater Sample 6.5 - 9.5'			
90						
96	4358.06	4		1145	4 PPM	VOA+15
102						
108						
114						
120						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B58 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-18-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Matl.			
			SILTY SAND, fine - brown			
6	4359.6	1		1420	0 PPM	
12						
			Mixed sands and cinder material			
18						
			SAND, med. / fine - tan / dk. gray			
24	4359.7	2		1420	0 PPM	
30						
36						
42						
48			SILTY SAND, fine - and coal frags. - olive green			
54						
60						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B58 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-18-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
60						
66						
			SILTY SAND, fine - and coal frags. - olive green / brown			
72	4358.07	3		1425	0 PPM	METH.
78						
84			Groundwater Sample 6.5 - 9.5'			
90						
96	4358.08	4		1455	0 PPM	VOA+15
102						
108						
114						
120						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B59 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-18-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Matl.			
6	4359.8	1	SILTY SAND, fine - brown	1510	0 PPM	
12						
18						
24	4359.9	2		1510	0 PPM	
30			SAND, med. / fine - black / olive green w/ some cinders			
36			CLAYEY SILT, olive green			
42						
48			Mixed sands and silts - black / brown - w/ some cement debris			
54						
60						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B59 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-18-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
60						
66						
72	4358.07	3		1520	0 PPM	METH.
78						
84			Groundwater Sample 6.5 - 9.5'			
90						
96	4358.08	4		1528	0 PPM	VOA+15
102						
108						
114						
120						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B59A [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-23-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Matl.			
6	4367.2	1	SILTY SAND, fine - brown	0945	0 PPM	
12						
18						
24	4367.3	2		0945	0 PPM	
30			SAND, med. / fine - black / olive green w/ some cinders			
36			CLAYEY SILT, olive green			
42						
48			Mixed sands and silts - black / brown - w/ some cement debris			
54						
60						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B59A [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-23-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
60						
66						
72	4368.03	3		0953	0 PPM	METH.
78						
84			Groundwater Sample 6.5 - 9.5'			
90						
96	4368.04	4		1003	0 PPM	VOA+15
102						
108						
114						
120						

10-07-1999 X:\MTECH5\M2\M2-B059.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B60 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-23-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Matl.			
			SILTY SAND, fine - brown			
6	4367.4	1		1030	5 PPM	
12						
			COAL material			
18			SAND, fine - tan / brown			
24	4367.5	2		1030	0 PPM	
			CLAYEY SILT, olive green / black - with some coal material			
30						
36			Roofing shingles			
			Mixed sands and landfill debris. (Wood, plastic, coal)			
42						
48						
54						
60						

09-24-1999 X:\MTECH5\M2\M2-B060.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B60 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-23-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
60						
66						
72	4368.05	3		1035	4 PPM	METH.
78						
84			Groundwater Sample 6.5 - 9.5'			
90						
96	4368.06	4		1040	4 PPM	VOA+15
102						
108						
114						
120						

09-24-1999 X:\MTECH5\M2\M2-B060.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B61 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-23-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Matl.			
			Mixed sands and landfill material			
6	4367.6	1		1115	0 PPM	
12						
18						
24	4367.7	2		1115	4 PPM	
30						
36						
42						
48						
54						
60						

09-24-1999 X:\MTECH5\M2\M2-B061.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B61 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-23-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
60						
66						
72	4368.07	3		1120	0 PPM	METH.
78						
84			Groundwater Sample 6.5 - 9.5'			
90						
96	4368.08	4		1125	0 PPM	VOA+15
102						
108						
114						
120						

09-24-1999 X:\MTECH5\M2\M2-B061.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B62 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 3-23-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Matl.			
			Mixed sands and landfill material			
6	4367.8	1		1146	0 PPM	
12						
18						
24	4367.9	2		1146	0 PPM	
30						
36	4368.09	3		1155	15 PPM	METH.
42						
48						
54						
60						

09-24-1999 X:\MTECH5\M2\M2-B062.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B62 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-23-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
60						
66						
72						
78						
84			Groundwater Sample 6.5 - 9.5'			
90			HEAVY PETROLEUM ODOR IN SOILS			
96	4368.10	4	ODOR AND SHEEN IN WATER	1200	0 PPM	VOA+15
102						
108						
114						
120						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B63 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-23-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
60						
66						
72						
78						
84			Groundwater Sample 6.5 - 9.5'			
90						
96	4368.12	4		1345	0 PPM	VOA+15
102						
108						
114						
120						

10-07-1999 X:\MTECH5\M2\M2-B063.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B63 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-23-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Matl.			
			Mixed sands and `landfill matl.			
6	4367.10	1		1330	3 PPM	
12						
18						
24	4367.11	2		1330	0 PPM	
30						
36	4368.11	3		1340	0 PPM	METH.
42						
48						
54						
60						

10-07-1999 X:\MTECH5\M2\M2-B063.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B64 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-23-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Matl.			
6	4367.12	1	SAND and silt - fine - brown	1420	3 PPM	
12			CLAYEY SILT loam (org.) - dk. brown - w/ cinder, glass and plastic material			
18						
24	4367.13	2		1420	0 PPM	
30						
36	4368.13	3		1425	0 PPM	METH.
42			NO RECOVERY - POSSIBLE CEMENT MATL. 50"+			
48						
54						
60						

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000142

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B64 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-23-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
60						
66						
72						
78						
84			Groundwater Sample 6.5 - 9.5'			
90						
96	4368.14	4		1438	0 PPM	VOA+15
102						
108						
114						
120						

10-07-1999 X:\MTECH5\M2\M2-B064.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B65 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-23-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Matl.			
6			Mixed sands and fill material			
12	4367.14	1		1500	0 PPM	
18						
24	4367.15	2		1500	0 PPM	
30						
36	4368.15	3		1505	0 PPM	METH.
42						
48						
54						
60						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B65 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 3-23-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
60						
66						
72						
78						
84			Groundwater Sample 6.5 - 9.5'			
90						
96	4368.16	4		1510	0 PPM	VOA+15
102						
108						
114						
120						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B66 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-30-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Matl.			
6	4380.2	1	Mixed sands and fill material	0940	0 PPM	
12						
18						
24	4380.3	2		0940	0 PPM	
30						
36						
42						
48						
54						
60						

09-24-1999 X:\MTECH5\M2\M2-B066.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B66 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-30-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
60						
66						
72						
78	4381.03	3		0950	0 PPM	METH.
84			Groundwater Sample 7 - 10'			
90						
96						
102	4381.04	4		1015	0 PPM	VOA+15
108						
114						
120						

09-24-1999 X:\MTECH5\M2\M2-B066.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B67 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-30-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Matl.			
6	4380.4	1	SILTY SAND, fine - brown (cinder material @ 45 - 48")	1055	0 PPM	
12						
18						
24	4380.5	2		1055	0 PPM	
30						
36						
42						
48			NO RECOVERY 48 - 96"			
54						
60						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B67 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 3-30-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
60						
66						
72						
78	4381.05	3		1100	0 PPM	METH.
84						
90						
96			Groundwater Sample 7 - 10'			
102	4381.06	4		1115	0 PPM	VOA+15
108						
114						
120						

09-24-1999 X:\MTECH5\M2\M2-B067.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B68 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-30-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Material			
6			Mixed sands and fill material			
	4380.6	1		1145	0 PPM	
12						
18						
24	4380.7	2		1145	0 PPM	
30						
36						
42						
48	4381.07	3		1150	0 PPM	METH.
54						
60						

09-24-1999 X:\MTECH5\M2\M2-B068.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B68 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 3-30-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
60						
66						
72						
78						
84			Groundwater Sample 7 - 10'			
90						
96						
102	4381.08	4		1200	0 PPM	VOA+15
108						
114						
120						

09-24-1999 X:\MTECH5\M2\M2-B068.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B69 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-30-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Matl.			
6	4380.8	1	SILTY SAND, fine - brown	1330	0 PPM	
12						
18						
24	4380.9	2		1330	0 PPM	
30			CINDERS and sands			
36			CLAYEY SILT, and fine sand - olive green			
42						
48	4381.09	3	CLAYEY SILT, fine - olive green	1340	0 PPM	METH.
54						
60						

09-24-1999 X:\MTECH5\M2\M2-B069.BOR

000152

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B69 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-30-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
60						
66						
72						
78						
84			Groundwater Sample 7 - 10'			
90						
96						
102	4381.10	4		1348	0 PPM	VOA+15
108						
114						
120						

09-24-1999 X:\MTECH5\M2\M2-B069.BOR

000153

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B70 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-30-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Matl.			
6			SILTY SAND, fine - brown			
12	4380.10	1		1500	0 PPM	
18						
24	4380.11	2		1500	0 PPM	
30			CINDERS and sands			
36			CLAYEY SILT, and fine sand - olive green			
42						
48			CLAYEY SILT, fine - olive green			
54						
60						

09-24-1999 X:\MTECH5\M2\M2-B070.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B70 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-30-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
60						
66						
72						
78	4381.11	3		1505	0 PPM	METH.
84			Groundwater Sample 7 - 10'			
90						
96						
102	4381.12	4		1510	0 PPM	VOA+15
108						
114						
120						

09-24-1999 X:\MTECH5\M2\M2-B070.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B71 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-6-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Matl.			
6	4395.2	1	SILTY SAND, fine - brown	1100	0 PPM	
12						
18			COAL and mixed sands - black			
24	4395.3	2	SAND, fine / med. - olive green / tan	1100	0 PPM	
30						
36						
42			SILTY SAND, fine - black / brown			
48			CEMENT			
54			Mixed sands and landfill material, paper, plastic.			
60						

09-24-1999 X:\MTECH5\M2\M2-B071.BOR

000156

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B71 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 4-6-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
60						
66						
72	4396.03	3		1108	0 PPM	METH.
78						
84			Groundwater sample 6.5 - 9.5"			
90						
96	4396.04	4		1130	0 PPM	VOA+15
102						
108						
114						
120						

09-24-1999 X:\MTECH5\M2\M2-B071.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B72 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-6-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Matl. SILTY SAND, fine - brown			
6	4395.4	1	CINDER material	1328	0 PPM	
12						
18						
24	4395.5	2	Mixed sand and silts - olive green / dk. gray	1328	0 PPM	
			CEMENT			
30			Mixed sands and clayey silt - black / dk. brown w/ cement and newspaper debris			
36						
42						
48						
54						
60						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B72 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-6-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
60						
66	4396.05	3		1335	100 PPM	METH.
72						
78						
84			Groundwater sample 6 - 9'			
90	4396.06	4		1340	0 PPM	VOA+15
96						
102						
108						
114						
120						

09-24-1999 X:\MTECH5\M2\M2-B072.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B73 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-6-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Matl.			
6	4395.6	1	SILTY SAND, fine - brown	1420	0 PPM	
12						
18						
24	4395.7	2		1420	0 PPM	
			CEMENT			
30			SILTY SAND, fine - olive green w/ plastic, glass and coal			
36						
42						
48						
54						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B73 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-6-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
55						
61			Mixed sands and fill material - plastic, glass, coal and newspaper			
67	4396.07	3		1425	100 PPM	METH.
73						
79						
85			Groundwater sample 6 - 9'			
91	4396.08	4		1430	0 PPM	VOA+15
97						
103						
109						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B74 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-9-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Matl.			
6			SANDY SILT, fine - brown			
	4406.2	1		0920	0 PPM	
12			SILTY SAND, fine - brown			
			Mixed sands and coal material			
			SILTY CLAY, olive green			
18			CEMENT			
			Mixed sand and silt w/ coal and asphalt			
24	4406.3	2		0920	0 PPM	
30						
36						
42						
48			Mixed sand w/ plastic, cement and coal material			
54						
60						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B74 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-9-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
60						
66						
72	4407.03	3		0930	0 PPM	METH.
78						
84			Groundwater sample from 6.5 - 9.5'			
90						
96	4407.04	4		0950	0 PPM	VOA+15
102						
108						
114						
120						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B75 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-9-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Matl.			
6			SANDY SILT, fine - brown			
	4406.4	1		1040	0 PPM	
12			SILTY SAND, fine - brown			
			Mixed sands and coal material			
18			SILTY CLAY, olive green			
			CEMENT			
			Mixed sand and silt w/ coal and asphalt			
24	4406.5	2		1040	0 PPM	
30						
36						
42						
48			Mixed sand w/ plastic, cement and coal material			
54						
60						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B75 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-9-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
60						
66						
72	4407.05	3		1050	0 PPM	METH.
78						
84			Groundwater sample from 6.5 - 9.5'			
90						
96	4407.06	4		1120	0 PPM	VOA+15
102						
108						
114						
120						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B76 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-9-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Matl.			
6	4406.6	1	SANDY SILT, med. / fine - orange / brown	1400	0 PPM	
12						
18			Peat material			
24	4406.7	2	SAND and silt - fine - olive green	1400	0 PPM	
30						
36						
42			SAND and silt - fine - olive green w/ coal frags., and some iron stained fine sands			

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B76 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 4-9-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
43						
	4407.07	3	Groundwater sample from 4 - 7'	1410	0 PPM	METH.
49						
55						
61						
	4407.08	4		1420	0 PPM	VOA+15
67						
73						
79						
85						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B77 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-13-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Matl.			
6	4415.2	1	SILTY SAND, fine - brown	1015	0 PPM	
12			SAND, and silt - fine - brown			
18						
24	4415.3	2		1015	0 PPM	
30			SAND, med. / fine - tan Mixed sands w/ coal, leaf and cement material			
36						
42						
48						
54						
60						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B77 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-13-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
60						
66						
72						
78	4414.03	3		1030	5 PPM	METH.
84			Groundwater sample from 7 - 10'			
90						
96						
102	4414.04	4		1040	0 PPM	VOA+15
108						
114						
120						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B78 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-13-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Matl.			
6	4415.4	1	SILTY SAND, fine - brown	1120	0 PPM	
12			SAND, and silt - fine - brown			
18						
24	4415.5	2		1120	0 PPM	
30			SAND, med. / fine - tan w/ cement debris 29-32". Mixed sands w/ coal, leaf and cement material			
36						
42						
48						
54						
60						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B78 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-13-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
60						
66						
72						
78	4414.05	3		1125	0 PPM	METH.
84			Groundwater sample from 7 - 10'			
90						
96						
102	4414.06	4		1130	0 PPM	VOA+15
108						
114						
120						

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000171

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B79 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-13-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Loamy organic material w/ sands - fine / med. - brown			
6	4415.6	1		1400	0 PPM	
12						
18			SANDY SILT, fine - brown			
24	4415.7	2		1400	0 PPM	
30			SAND, fine / med. - brown			
36			Mixed sands and coal material			
42	4414.07	3		1415	30 PPM	METH.
48			CINDERS			

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000172

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B79 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-13-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
50			Groundwater sample from 5 - 8'			
56						
62						
68						
74						
	4414.08	4		1420	0 PPM	VOA+15
80						
86						
92						
98						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B81 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-14-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Mixed sands - med. / fine - black / gray / dk. olive green			
6	4418.2	1		1030	0 PPM	
12						
18						
24	4418.3	2		1030	0 PPM	
30						
36						
42						
48			NO RECOVERY — 3 ATTEMPTS			
54						

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000176

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B81 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-14-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
55						
61						
67	4417.03	3		1035	0 PPM	METH.
73						
79						
85			Groundwater sample from 6 - 9'			
91	4417.04	4		1040	0 PPM	VOA+15
97						
103						
109						

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000177

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B82 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 4-14-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Material			
6	4418.4	1	SAND, fine / med. - tan / brown	1130	0 PPM	
12			SAND, fine - w/ some organic material - brown			
18			Leaf and wood material			
24	4418.5	2	SANDY SILT, fine - w/ <3% coal frags	1130	0 PPM	
30						
36						
42			CLAYEY SILT, and fine sand - dk. olive green / black			

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000178

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B82 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-14-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
42						
	4417.05	3		1140	14 PPM	METH.
48			Groundwater sample from 4 - 7'			
54						
60						
66	4417.06	4		1045	0 PPM	VOA+15
72						
78						
84						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B83 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-14-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Material			
6	4418.6	1	SAND and silt - w/ some clay - brown	1300	0 PPM	
12						
18						
24	4418.7	2		1300	0 PPM	
30			SAND, med. / fine - w/ some silt and coal material - cement debris - brown / olive green / black			
36						
42						
48						
54						
60						
66						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B83 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 4-14-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
68						
74						
80			Groundwater sample from 8 - 11'			
86						
	4417.07	3		1310	0 PPM	METH.
92						
98						
104						
110						
	4417.08	4		1315	0 PPM	VOA+15
116						
122						
128						
134						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B84 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 4-14-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Material			
6			SAND and silt - w/ some clay - brown			
	4418.8	1		1345	0 PPM	
12						
18						
24	4418.9	2		1345	0 PPM	
			SAND, med. / fine - w/ some silt and coal material - cement debris - brown / olive green / black			
30						
36						
42						
48						
54						
60						
66						

10-07-1999 X:\MTECH5\M2\M2-B084.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B84 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 4-14-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
68						
74						
80			Groundwater sample from 8 - 11'			
86						
	4417.09	3		1350	8 PPM	METH.
92						
98						
104						
110						
	4417.10	4		1355	0 PPM	VOA+15
116						
122						
128						
134						

10-06-1999 X:\MTECH5\M2\M2-B084.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B85 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-14-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Material			
			SAND, fine / med. - brown			
6	4418.10	1	SANDY SILT, fine - dk. brown	1425	0 PPM	
12						
18						
24	4418.11	2		1425	0 PPM	
30			SILTY SAND, fine - black / brown			
36						
42						
48						
54						
60			CLAYEY SILT, black			
66						

10-06-1999 X:\MTECH5\M2\M2-B085.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B85 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 4-14-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
68						
74			CINDERS			
80						
86						
	4417.11	3		1430	0 PPM	METH.
92						
			Groundwater sample from 8 - 11'			
98						
104						
110						
	4417.12	4		1435	0 PPM	VOA+15
116						
122						
128						
134						

10-06-1999 X:\MTECH5\M2\M2-B085.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B86 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 4-14-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Material			
			SAND, fine / med. - brown			
6	4418.12	1	SANDY SILT, fine - dk. brown	1500	0 PPM	
12						
18						
24	4418.13	2		1500	0 PPM	
30			SILTY SAND, fine - black / brown			
36						
42						
48						
54						
60			CLAYEY SILT, black			
66						

10-06-1999 X:\MTECH5\M2\M2-B086.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B86 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-14-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
68						
74			CINDERS			
80						
86						
92	4417.13	3		1515	0 PPM	METH.
98			Groundwater sample from 8 - 11'			
104						
110						
116	4417.14	4		1520	0 PPM	VOA+15
122						
128						
134						

10-06-1999 X:\MTECH5\M2\M2-B086.BOR

000187

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B87 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 4-16-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Material			
6	4423.2	1	SILTY SAND, fine - brown w/ some asphalt, coal, glass, and cinders	1000	0 PPM	
12						
18						
24	4423.3	2	SILTY SAND, fine - brown w/ some asphalt, coal, glass, and cinders (layer of silty fine sand - olive green @ 23-24")	1000	0 PPM	
30						
36						
42			Groundwater sample from 5.5 - 8.5'			
48	4422.03	3		1005	0 PPM	METH.
54						
60						
66	4422.04	4		1015	0 PPM	VOA+15

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B87 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 4-16-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE		
68								
74								
80								
86	4422.04	4		1015	0 PPM	VOA+15		
92								
98								
104								
110								
116								
122								
128								
134								

10-06-1999 X:\MTECH5\M2\M2-B087.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B88 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-16-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Material			
			SILTY SAND, fine - brown			
6						
	4423.4	1		1100	0 PPM	
12						
18						
24	4423.5	2	SANDY SILT, fine - olive green / brown w/ some iron staining	1100	0 PPM	
30						
36			Groundwater sample from 4 - 7'			
			NATIVE SOILS APPEARANCE			
42						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B88 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 4-16-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
42						
	4422.05	3		1105	0 PPM	METH.
48						
54						
60						
66	4422.06	4		1110	0 PPM	VOA+15
72						
78						
84						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B89 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 4-16-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Material			
			SILTY SAND, fine - dk. gray			
6	4423.6	1		1140	0 PPM	
12						
18			SAND and silt - fine / med. - dk. brown / lt. olive green w/ some cinder material			
24	4423.7	2		1140	0 PPM	
30						
36			Mixed sands - med. / fine - brown / black - cinders, brick, glass, and plastic material			
42						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B89 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 4-16-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
42			Mixed sands - med. / fine - brown / black - cinders, brick, glass, and plastic material			
48						
54						
60						
66						
72	4422.07	3		1140	0 PPM	METH.
78	4422.08	4		1145	0 PPM	VOA+15
84						

10-06-1999 X:\MTECH5\M2\M2-B089.BOR

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B90 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-16-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Material			
6	4423.8	1	SAND, fine / med. - lt. brown	1355	0 PPM	
12			Mixed sands and organic material - dk. brown			
18			SILTY SAND, fine - olive green / brown w/ iron staining			
24	4423.9	2	SILTY SAND, fine - olive green / brown w/ iron staining and coal frags.	1355	0 PPM	
30						
36			SAND, med. / fine - olive green w/ some small rnd. quartz gravels			
42						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B90 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 4-16-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
42						
			Groundwater sample from 6.5 - 9.5'			
48						
54						
60						
66						
72	4422.09	3		1400	0 PPM	METH.
78	4422.10	4		1407	0 PPM	VOA+15
84						

10-06-1999 X:\MTECH5\M2\M2-B090.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B91 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 4-16-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Material			
6	4423.10	1	SAND, fine / med. - lt. brown	1440	0 PPM	
12			Mixed sands and organic material - dk. brown			
18			SILTY SAND, fine - olive green / brown w/ iron staining			
24	4423.11	2	SILTY SAND, fine - olive green / brown w/ iron staining and coal frags.	1440	0 PPM	
30						
36			SAND, med. / fine - olive green w/ some small rnd. quartz gravels			
42						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B91 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-16-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
42						
			Groundwater sample from 6.5 - 9.5'			
48						
54						
60						
66						
72	4422.11	3		1445	0 PPM	METH.
78	4422.12	4		1450	0 PPM	VOA+15
84						

10-06-1999 X:\MTECH5\M2\M2-B091.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B92 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 4-21-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Material			
6	4434.2	1	SILTY SAND, fine - brown	1025	0 PPM	
12						
18						
24	4434.3	2		1025	0 PPM	
30			SAND and silt - fine - olive green / brown			
36						
42						
48						
54						
60			SAND and silt - fine - olive green / brown w/ some cinder material			
66						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B92 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 4-21-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
66						
72						
78						
84			Groundwater sample from 8 - 11'			
90	4433.03	3		1030	0 PPM	METH.
96						
102						
108						
114	4433.04	4		1040	0 PPM	VOA+15
120						
126						
132						

10-06-1999 X:\MTECH5\M2\M2-B092.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B93 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 4-21-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Material			
6			SAND, med. / fine - tan - w/ some sm. rnd. gravels			
	4434.4	1	SILTY CLAY, olive green - w/ some cinder and coal material	1130	0 PPM	
12						
18						
24	4434.5	2		1130	0 PPM	
30			SILTY CLAY, olive green			
36						
42			CEMENT			
			CLAYEY SILT, and fine sand - olive green			
48			Mixed sands - med. / fine - dk. gray / black - w/ cement, cinders and wood			
54						
60						
66						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B93 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 4-21-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
66						
72	4433.05	3		1135	0 PPM	METH.
78						
84			Groundwater sample from 6.5 - 9.5'			
90						
96	4433.06	4		1142	0 PPM	VOA+15
102						
108						
114						
120						
126						
132						

10-06-1999 X:\MTECH5\M2\M2-B093.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B94 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 4-21-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Material			
6	4434.6	1	SILTY SAND, fine - brown	1340	0 PPM	
12						
18						
24	4434.7	2	SILTY CLAY and fine sand - olive green	1340	0 PPM	
30						
36						
42						
48						
54						
60			SILTY SAND and clay - lt. olive green / brown w/ some alternating sand layers - dk. brown / orange			
66						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B94 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 4-21-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
66						
72	4433.07	3		1345	0 PPM	METH.
78						
84						
90						
96	4433.08	4	Groundwater sample from 6.5 - 9.5'	1350	0 PPM	VOA+15
102			NATIVE SOILS APPEARANCE			
108						
114						
120						
126						
132						

10-06-1999 X:\MTECH5\M2\M2-B094.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B95 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 4-21-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			SILTY SAND, fine - w/ some organic material			
6	4434.8	1	Leaf material w/ some sands - med. / fine - lt. gray / brown	1430	0 PPM	
12			SAND, fine / med. - dk. gray / black / tan			
18						
24	4434.9	2	SAND, med. / fine - brown - w/ some ang. gravels SILTY SAND, fine - olive green - w/ some small rnd. gravels	1430	0 PPM	
30						
36						
42			CLAYEY SILT, fine - olive green			
48						
54			Mixed sands and silty clay - dk. olive green - w/ cinders, coal and gravels (ang. small)			
60						
66						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B95 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 4-21-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
66						
72						
78						
84						
90	4433.09	3	CLAYEY SILT, black	1435	0 PPM	METH.
96			Groundwater sample from 6.5 - 9.5'			
102			NATIVE SOILS APPEARANCE			
108						
114	4433.10	4		1450	0 PPM	VOA+15
120						
126						
132						

10-06-1999 X:\MTECH5\M2\M2-B095.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B96 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 4-21-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			SILTY SAND, fine - w/ some organic material			
6	4434.10	1	Leaf material w/ some sands - med. / fine - lt. gray / brown	1520	0 PPM	
12			SAND, fine / med. - dk. gray / black / tan			
18						
24	4434.11	2	SAND, med. / fine - brown - w/ some ang. gravels SILTY SAND, fine - olive green - w/ some small rnd. gravels	1520	0 PPM	
30						
36						
42			CLAYEY SILT, fine - olive green			
48						
54			Mixed sands and silty clay - dk. olive green - w/ cinders, coal and gravels (ang. small)			
60						
66						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B96 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 4-21-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
66						
72						
78						
84						
90	4433.11	3	CLAYEY SILT, black	1525	0 PPM	METH.
96			Groundwater sample from 6.5 - 9.5'			
102						
108						
114	4433.12	4		1530	0 PPM	VOA+15
120						
126						
132						

10-06-1999 X:\MTECH5\M2\M2-B096.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B97 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 4-26-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic material			
6	4443.2	1	Mixed sands and silts - brown / dk. gray	1000	0 PPM	
12						
18						
24	4443.3	2		1000	0 PPM	
30			Organic material SILTY SAND, fine - dk. brown / black			
36						
42						
48			SAND, fine / med. - black / lt. brown / tan			
54						
60						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B97 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 4-26-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
60						
66						
72						
78	4442.03	3	SANDY SILT, fine - olive green / brown / black w/ some coal frags.	1010	0 PPM	METH.
84						
90						
96			Groundwater sample from 7 - 10'			
102	4442.04	4		1018	0 PPM	VOA+15
108						
114						
120						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B98 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-26-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic material			
6	4443.4	1	Mixed sands and silts - brown / dk. gray	1045	0 PPM	
12						
18						
24	4443.5	2		1045	0 PPM	
30			Organic material SILTY SAND, fine - dk. brown / black			
36						
42						
48			SAND, fine / med. - black / lt. brown / tan			
54						
60						

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000210

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B98 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-26-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
60						
66						
72						
78	4442.05	3	SANDY SILT, fine - olive green / brown / black w/ some coal frags.	1050	0 PPM	METH.
84						
90						
96			Groundwater sample from 7 - 10'			
102	4442.06	4		1055	0 PPM	VOA+15
108						
114						
120						

10-06-1999 X:\MTECH5\M2\M2-B098.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B99 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-26-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic material			
			SAND, med. / fine - tan w/ some sm. rnd. gravels			
6			SILTY SAND, fine - dk. olive green			
	4443.6	1		1136	0 PPM	
12						
18						
24	4443.7	2		1136	0 PPM	
			SILTY SAND, fine - dk. olive green w/ some sm. rnd. gravels			
30						
36						
			Wood Debris with creosote odor.			
42						
48			SILTY SAND, fine / med. - olive green			
54						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B99 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-26-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
55						
61						
67	4442.07	3		1144	0 PPM	METH.
73						
79			Groundwater sample from 6 - 9'			
85						
91	4442.08	4		1153	0 PPM	VOA+15
97						
103						
109						

10-06-1999 X:\MTECH5\M2\M2-B099.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B100 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-26-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic material			
			SAND, med. / fine - tan w/ some sm. md. gravels			
6	4443.8	1		1400	0 PPM	
12			SILTY SAND, fine - brown			
18			SILTY SAND, fine / med. - lt. brown / olive green w/ some clay			
24	4443.9	2		1400	0 PPM	
30			CLAYEY SILT, anfd fine sand - olive green w/ some wood material			
36						
42						
48			CLAYEY SILT, and fine sand - olive green			
54						

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000214

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B100 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-26-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
55						
	4442.09	3		1405	0 PPM	METH.
61						
67						
			Groundwater sample from 5.5 - 8.5'			
73						
79						
	4442.10	4		1410	0 PPM	VOA+15
85						
91						
97						
103						
109						

10-06-1999 X:\MTECH5\M2\M2-B100.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B101 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 4-26-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic material (disturbed)			
6	4443.10	1	SILTY SAND, fine - dk. brown	1500	0 PPM	
12			Leaf and wood debris			
18			SAND, fine - brown w/ some leaf material			
24	4443.11	2	Leaf material	1500	0 PPM	
30			CLAYEY SILT, and fine sand - black			
36			CLAYEY SILT, olive green			
42			SILTY SAND, fine - dk. gray			
48			SILTY SAND, fine / med. - dk. olive green w/ some wood material			
54						
60						
66						
72						

10-06-1999 X:\MTECH5\M2\M2-B101.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B101 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-26-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
75						
81						
87						
93						
99			Groundwater sample from 9.5 - 12.5'			
105	4442.11	3		1515	0 PPM	METH.
111						
117						
123						
129	4442.12	4		1530	0 PPM	VOA+15
135						
141						
147						

10-06-1999 X:\MTECH5\M2\M2-B101.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B102 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-27-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic material (disturbed)			
6			SAND, med. / fine - tan			
	4446.2	1		0950	0 PPM	
12			SILTY SAND, fine - olive green			
18			Mixed sands - dk. gray - w/ some small rnd. gravels and coal frags.			
24			Asphalt			
30	4446.3	2		0950	0 PPM	
36			SILT and fine sand - black			
42						
48			SAND, fine / med. - black w/ some coal material			
54						
60						
66						

10-06-1999 X:\MTECH5\M2\M2-B102.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B102 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 4-27-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
66						
72						
78			Groundwater sample from 8 - 11'			
84						
90	4445.03	3		0955	0 PPM	METH.
96						
102						
108						
114	4445.04	4		1000	0 PPM	VOA+15
120						
126						
132						

10-06-1999 X:\MTECH5\M2\M2-B102.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B103 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 4-27-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic material (disturbed)			
6	4446.4	1	SAND, med. / fine -dk. brown / tan	1040	0 PPM	
12						
18			Organic leaf material			
24						
30	4446.5	2	SAND and silt - fine - olive green / brown	1040	0 PPM	
36						
42			CEMENT			
48						
54			Mixed sands - med. / fine - dk. gray / black w/ some wood material			
60						
66						

10-06-1999 X:\MTECH5\M2\M2-B103.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B103 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 4-27-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
66						
72						
78						
84						
90	4445.05	3		1050	0 PPM	METH.
96			Groundwater sample from 8 - 11'			
102						
108						
114	4445.06	4		1055	0 PPM	VOA+15
120						
126						
132						

10-06-1999 X:\MTECH5\M2\M2-B103.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B104 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 4-27-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic material (disturbed)			
6	4446.6	1	SAND, fine - brown / lt. brown w/ some silt	1140	0 PPM	
12						
18						
24	4446.7	2	SAND, fine / coarse - olive green / brown	1140	0 PPM	
			Mixed sands and organic leaf material			
30			SILTY SAND, fine - dk. olive green			
36						
42						
48			SILT and fine sand - olive green w/ some organic material			
54						
60						
66						

10-06-1999 X:\MTECH5\M2\M2-B104.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B104 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 4-27-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
69			Groundwater sample from 8.5 - 11.5'			
75						
81						
87						
93	4445.07	3		1145	0 PPM	METH.
99						
105						
111						
117	4445.08	4		1058	0 PPM	VOA+15
123						
129						
135						

10-06-1999 X:\MTECH5\M2\M2-B104.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B105 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 4-27-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			WOODCHIPS			
			Organic material			
6			CLAYEY SAND, fine / med. - olive green / orange			
	4446.8	1		1330	0 PPM	
12						
18						
24	4446.9	2		1330	0 PPM	
			Wood material			
30			CLAY			
36						
42			Wood material			
48			SANDY SILT, fine - olive green - w/ some cement			
54						
60	4445.09	3		1340	0 PPM	METH.
66	4445.10	4		1445	0 PPM	VOA+15

10-06-1999 X:\MTECH5\M2\M2-B105.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B105 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 4-27-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
69						
75						
81			Groundwater sample from 8.5 - 11.5'			
87	4445.10	4		1445	0 PPM	VOA+15
93						
99						
105						
111						
117						
123						
129						
135						

10-06-1999 X:\MTECH5\M2\M2-B105.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B106 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-27-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			WOOD CHIPS			
			Organic material			
6			CLAYEY SAND, fine / med. - olive green / orange			
	4446.10	1		1430	0 PPM	
12						
18						
24	4446.11	2		1430	0 PPM	
			Wood material			
30			CLAY			
36						
42			Wood material			
48			SANDY SILT, fine - olive green - w/ some cement			
54						

10-06-1999 X:\MTECH5\M2\M2-B106.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B106 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-27-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
57						
63						
69						
	4445.11	3		1435	0 PPM	METH.
75						
			Groundwater sample from 8.5 - 11.5'			
81						
87						
93						
	4445.12	4		1440	0 PPM	VOA+15
99						
105						
111						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B107 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-27-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic material (disturbed)			
6	4446.12	1	SAND and silt - fine - olive green / brown	1515	0 PPM	
12						
18						
24	4446.13	2		1515	0 PPM	
30			SILTY SAND, fine - olive green sands - brown			
36						
42			SILTY SAND, fine - brown w/ some small rnd. gravels			
48			Mixed sand and silt - w/ some cement and wood debris			
54						
60						
66						
72						

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U.S.ARMY
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SELFM-PW-EV

LOG OF BORING M2-B107 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-27-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
75						
81						
87						
93						
			Wet clayey silt - black w/ some wood debris			
99						
105						
	4445.13	3		1520	0 PPM	METH.
111						
117						
			Groundwater sample from 9.5 - 12.5'			
123						
129						
	4445.14	4		1530	0 PPM	VOA+15
135						
141						
147						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B108 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 5-4-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic material			
6	4462.2	1	SAND, med. / fine - tan / lt. olive green	1015	0 PPM	
12						
18						
24	4462.3	2	SILTY SAND, fine - brown / lt. olive green	1015	0 PPM	
30			SAND, fine / med. - dk. olive green / black w/ some cinders and leaf material			
36						
42						
48			SAND and silt- fine - olive green w/ some cinders			

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B108 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 5-4-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
51						
57	4461.03	3		1020	0 PPM	METH.
63						
69						
			Groundwater sample from 5.5 - 8.5'			
75						
81	4461.04	4		1030	0 PPM	VOA+15
87						
93						
99						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B109 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 5-4-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic material			
			SANDY SILT, fine - lt. brown			
6	4462.4	1		1100	0 PPM	
12			Organic material and fine sand - dk. brown			
18						
24	4462.5	2	SAND, fine - dk. olive green / black	1100	0 PPM	
30			SILTY SAND, fine - black			
			Asphalt			
36			SAND cinders, and coal w/ some glass			
42						
			Mixed sands - with glass and batteries			
48			Mixed sands - olive green / black			

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B109 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 5-4-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
51						
57	4461.05	3		1105	0 PPM	METH.
63						
69						
75						
81	4461.06	4	Groundwater sample from 5.5 - 8.5'	1115	0 PPM	VOA+15
87						
93						
99						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B110 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 5-4-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic material			
			SANDY SILT, fine - lt. brown			
6	4462.6	1		1145	0 PPM	
12			Organic material and fine sand - dk. brown			
18						
24	4462.7	2	SAND, fine - dk. olive green / black	1145	0 PPM	
30			SILTY SAND, fine - black			
			Asphalt			
36			SAND cinders, and coal w/ some glass			
42						
			Mixed sands - with glass and batteries			
48			Mixed sands - olive green / black			

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B110 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 5-4-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
51						
57	4461.07	3		1150	0 PPM	METH.
63						
69						
75						
81	4461.08	4	Groundwater sample from 5.5 - 8.5'	1158	0 PPM	VOA+15
87						
93						
99						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B111 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 5-4-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic material			
			SANDY SILT, fine - olive green / brown			
6	4462.8	1		1310	0 PPM	
12						
18						
24	4462.9	2	SILTY SAND, fine - dk. brown	1310	0 PPM	
30			BRICK			
36			SAND, fine - dk. brown / dk. olive green / black w/ some cement and cinder material			
42						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B111 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 5-4-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
45						
	4461.09	3	Groundwater sample from 4.5 - 7.5'	1315	0 PPM	METH.
51						
57						
63						
69						
	4461.10	4		1325	0 PPM	VOA+15
75						
81						
87						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B112 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 5-4-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic material			
			SAND, med. / fine - brown - w/ some small rnd. gravels			
6			SAND, fine - w/ some silts - dk. brown			
	4462.10	1		1400	0 PPM	
12						
18						
			SILTY SAND, fine - olive green			
24	4462.11	2		1400	0 PPM	
30						
			SAND, fine / med. - w/ cinders - dk. gray			
36						
42						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B112 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 5-4-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
45						
	4461.11	3	Groundwater sample from 4.5 - 7.5'	1405	0 PPM	METH.
51						
57						
63						
69						
	4461.12	4		1410	0 PPM	VOA+15
75						
81						
87						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B113 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 5-6-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic material			
			SILTY SAND, fine - brown - w/ some organic material			
6			SILTY SAND, fine - olive green - w/ some small rnd. gravels			
	4466.2	1		0945	0 PPM	
12						
18			SILT and fine sand - brown w/ some small sub rnd. gravels			
24	4466.3	2		0945	0 PPM	
			SAND, fine / med. - lt. olive green			
30						
			SILTY SAND, fine - olive green			
36						
42						
48			SILTY SAND, fine - olive green			

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B113 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 5-6-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
51						
57	4465.03	3		0950	0 PPM	METH.
63						
69			Groundwater sample from 5.5 - 8.5'			
75						
81	4465.04	4		0955	0 PPM	VOA+15
87						
93						
99						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B114 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 5-6-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic material			
			SILTY SAND, fine - brown			
6	4466.4	1		1030	0 PPM	
12						
18						
			SILTY SAND, fine - olive green			
			SANDY SILT, olive green			
24	4466.5	2		1030	0 PPM	
30						
			SAND, fine - w/ some silt - dk. gray / black			
36						
			Mixed sands and asphalt material			
42						
48			SILT, and fine sand - olive green			

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B114 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 5-6-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
51						
57	4465.05	3		1035	0 PPM	METH.
63						
69						
			Groundwater sample from 5.5 - 8.5'			
75						
81	4465.06	4		1040	0 PPM	VOA+15
87						
93						
99						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B115 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 5-6-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic material			
			SAND, fine / med. - brown			
6			SILTY SAND, fine - brown			
	4466.6	1		1125	0 PPM	
			SAND, med. / coarse - dk. brown			
12						
			SILTY SAND, fine - olive green w/ small rnd. gravels			
18						
			SAND, medium - lt. tan			
24	4466.7	2		1125	0 PPM	
			SILT and mixed sands - dk. olive green / black - w/ some wood material			
30						
36						
42						
48			SILT and mixed sands - dk. olive green / black - w/ some wood material and paper			

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B115 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 5-6-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
51						
57	4465.07	3		1135	0 PPM	METH.
63						
69						
			Groundwater sample from 5.5 - 8.5'			
75						
81	4465.08	4		1145	0 PPM	VOA+15
87						
93						
99						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B116 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 5-6-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic material			
			SAND, fine / med. - brown			
6			SILTY SAND, fine - brown			
	4466.8	1		1415	0 PPM	
			SAND, med. / coarse - dk. brown			
12						
			SILTY SAND, fine - olive green w/ small rnd. gravels			
18						
			SAND, medium - lt. tan			
24	4466.9	2		1415	0 PPM	
			SILT and mixed sands - dk. olive green / black - w/ some wood material			
30						
36						
42						
48			SILT and mixed sands - dk. olive green / black - w/ some wood material and paper			

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B116 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 5-6-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
51						
57	4465.09	3		1420	0 PPM	METH.
63						
69			Groundwater sample from 5.5 - 8.5'			
75						
81	4465.10	4		1425	0 PPM	VOA+15
87						
93						
99						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B117 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 5-6-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic material			
6	4466.10	1	SAND, and - fine - brown	1500	0 PPM	
12			SILTY SAND, fine - olive green / brown			
18			SAND, fine - lt. olive green			
24	4466.11	2	SAND, fine / med. - brown / dk. olive green w/ some small rnd. gravels	1500	0 PPM	
			SAND, fine - lt. olive green			
30			CEMENT			
36			CLAYEY SILT, olive green (hard)			
42			Landfill material - w/ mixed sands - fine - black also rubber matting			
48			Landfill material - w/ mixed sands - fine - black - also rubber matting and plastic			

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B117 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 5-6-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
51	4465.11	3		1505	0 PPM	METH.
57						
63			Groundwater sample from 5 - 8'			
69						
75	4465.12	4		1510	0 PPM	VOA+15
81						
87						
93						
99						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B118 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 5-6-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic material			
6			SAND, fine / coarse - tan w/ some small rnd. gravels			
	4466.12	1	SILTY SAND, fine - brown	1530	0 PPM	
12						
18						
			SILTY CLAY, and fine sand - olive green			
24	4466.13	2		1530	0 PPM	
			SILTY SAND, fine - olive green / black			
30						
36						
42						
48						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B118 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 5-6-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
51			Groundwater sample from 5 - 8'			
	4465.13	3		1535	0 PPM	METH.
57						
63						
69						
75						
	4465.14	4		1540	0 PPM	VOA+15
81						
87						
93						
99						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B119

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 5-7-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Matl.			
6	4468.02	1	SILTY SAND,fine -brown	0920	0 PPM	
12						
18			SAND,fine / med. - w/ some small medium -rnd. gravels			
24	4468.03	2		0920	0 PPM	
30						
36						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B120

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 5-7-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Matl.			
6			SILTY SAND,fine -brown			
	4468.04	1		0948	1 PPM	
12						
18						
24	4468.05	2		0948	0 PPM	
30						
36						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B121

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 5-7-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Matl.			
6	4468.06	1	SAND,fine -w/ some SILT brown /lt. olive green	1010	0 PPM	
18			CLAYEY SILT, fine -SAND,olive green/tan			
24	4468.07	2		1010	0 PPM	
30						
36						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B122

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 5-7-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Matl.			
6	4468.08	1	SILTY SAND,fine -SAND,brown	1025	0 PPM	
12						
18			CLAYEY SILT(moist), fine -SAND,lt. olive green /orange /tan			
24	4468.09	2		1025	0 PPM	
30						
36						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B123

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 5-7-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Wood Mulch Material			
6	4468.10	1	SAND,w/ some CLAYEY SILT, lt. olive green w/ some small / medium - rnd. gravels	1045	0 PPM	
12						
18						
24	4468.11	2		1045	0 PPM	
30						
36						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B124

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 5-7-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Wood Mulch Material			
6	4468.12	1	SILT ,w/ some CLAYEY SAND, lt. olive green w/ some small / medium - rnd. gravels	1100	0 PPM	
12						
18						
24	4468.13	2		1100	0 PPM	
30						
36						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B125

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 5-7-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Wood Mulch Material			
6	4468.14	1	CLAYEY SILT, fine - SAND, dk. olive green	1117	0 PPM	
18			SANDY SILT, w/ some Clay dk. olive green			
24	4468.15	2		1117	0 PPM	
30						
36						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B126

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 5-7-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Material			
6	4468.16	1	SAND, fine / med. - tan w/ some medium - rnd. gravels	1135	0 PPM	
12						
18			CLAYEY SILT, fine - SAND, dk. olive green w/ some rnd. gravels			
24	4468.17	2		1135	0 PPM	
30						
36						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B127

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 5-7-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Material			
			SILTY SAND, fine - lt. brown			
6	4468.18	1		1150	0 PPM	
12						
18						
24	4468.19	2		1150	0 PPM	
30						
36						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B128

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 5-10-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Material			
6			SILTY SAND, fine - w/ some Clay Wood Material			
	4472.02	1		0915	0 PPM	
12						
18						
24	4472.03	2		0915	0 PPM	
30						
36						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B129

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 5-10-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Wood Mulch Material			
6	4472.04	1	SAND, med. / fine - w/ some CLAYEY SILT, olive green / orange mottling and rnd. gravels also Asphalt Material	0930	0 PPM	
12						
18						
24	4472.05	2		0930	0 PPM	
30						
36						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B130

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 5-10-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Wood Mulch Material			
6	4472.06	1	CLAYEY SILT, and fine - SAND, olive green w/ some rnd. gravels	0945	0 PPM	
12						
18						
24	4472.07	2		0945	0 PPM	
30						
36						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B131

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 5-10-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Wood Mulch Material			
6	4472.08	1	SAND, fine / med. - tan / olive green	1000	0 PPM	
12			Woody Material			
18			CLAYEY SILT, and fine - SAND, olive green w/ some orange mottling and some small rnd gravels			
24	4472.09	2		1000	0 PPM	
30						
36						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B132

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 5-10-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Wood Mulch Material			
6	4472.10	1		1030	0 PPM	
12			SILTY SAND, fine - w/ some Clay and wood debris w/ some small md. gravels olive green and brown			
18						
24	4472.11	2		1030	0 PPM	
30						
36						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B133

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 5-10-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Wood Mulch Material			
6	4472.12	1		1105	0 PPM	
12			SILTY SAND, fine - w/ some Clay and wood debris w/ some small rnd. gravels olive green and brown			
18						
24	4472.13	2		1105	0 PPM	
30						
36						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B134

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 5-10-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Material			
			SAND, fine - coarse - w/ some small rnd. gravels tan			
6	4472.14	1		1120	0 PPM	
12						
18						
24	4472.15	2		1120	0 PPM	
30						
36						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B135

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 5-10-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Material			
			SAND, and gravels fine / med. - brown / olive green and large quartz packed gravels			
6	4472.16	1		1135	0 PPM	
12						
18						
24	4472.17	2		1135	0 PPM	
30						
36						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B136

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 5-10-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Material			
			SAND, w/ some SILT fine - brown			
6	4472.18	1		1200	0 PPM	
12						
			SAND, fine / med. - tan w/ some rnd. gravels			
18						
24	4472.19	2		1200	0 PPM	
30						
36						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B137

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 5-10-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Wood Mulch Material			
6	4472.20	1	SAND, fine / med. - olive green / dk. olive green	1315	0 PPM	
12						
18			SILTY SAND, fine - dk. olive green			
24	4472.21	2		1315	0 PPM	
30						
36						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B138

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 5-10-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Wood Mulch Material			
6	4472.22	1	Mixed Sands med. / fine - olive green / dk. olive green	1333	0 PPM	
12						
18						
24	4472.23	2		1333	0 PPM	
30						
36						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B139

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 5-10-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Wood Mulch Material			
6	4472.24	1	Mixed Sands med. / fine - olive green / dk. olive green	1400	0 PPM	
12						
18						
24	4472.25	2		1400	0 PPM	
30						
36						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B140

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 5-10-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Wood Mulch Material			
6			SILTY SAND, fine - olive green			
	4472.26	1		1423	0 PPM	
12						
18						
			SAND, med. / fine - olive green			
24	4472.27	2		1423	0 PPM	
30						
36						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B141

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 5-10-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Material			
6			SAND, med. / coarse - w/ some medium - rnd. gravels			
	4472.28	1		1500	0 PPM	
12						
18						
24	4472.29	2		1500	0 PPM	
30						
36						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B142

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 5-10-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Material			
6			SAND, fine - w/ some SILT brown			
	4472.30	1		1515	0 PPM	
12						
18						
24	4472.31	2		1515	0 PPM	
30						
36						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B142A

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 5-11-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Material			
6			SAND, fine - w/ some SILT brown			
	4475.02	1		0915	0 PPM	
12						
18						
24	4475.03	2		0915	0 PPM	
30						
36						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B143

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 5-11-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Material			
6			SAND, fine - w/ some SILT brown			
	4475.04	1		0930	0 PPM	
12						
18						
24	4475.05	2		0930	0 PPM	
30						
36						

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000277

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B144

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 5-11-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Wood Mulch Material			
6						
	4475.06	1	SILTY SAND,fine brown/olive green	0945	0 PPM	
12						
18			SAND,med/fine olive green			
24	4475.07	2		0945	0 PPM	
30						
36						

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000278

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B145

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 5-11-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Wood Mulch Material			
6	4475.08	1	SILTY SAND, fine - brown	0958	0 PPM	
12			SAND, fine / med. - lt. olive green			
18						
24	4475.09	2		0958	0 PPM	
30						
36						

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000279

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B146

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 5-11-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Wood Mulch Material			
6	4475.10	1	SILTY SAND, fine - brown / lt. olive green	1015	0 PPM	
12						
18						
24	4475.11	2		1015	0 PPM	
30						
36						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B147

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 5-11-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Wood Mulch Material			
6	4475.12	1	SANDY SILT, fine - brown / lt. olive green	1030	0 PPM	
12						
18						
24	4475.13	2		1030	0 PPM	
30						
36						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B148

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 5-11-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Wood Mulch Material			
6			SAND, med. / fine - tan / olive green w/ some small rnd. gravels			
	4475.14	1		1050	0 PPM	
12						
18						
24	4475.15	2		1050	0 PPM	
30						
36						

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000282

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B149

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 5-11-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Wood Mulch Material			
6	4475.16	1		1105	0 PPM	
12						
18			SAND, fine - coarse - w/ some small medium - rnd. gravels tan			
24	4475.17	2		1105	0 PPM	
30						
36						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B150

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 5-11-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Wood Debris			
6	4475.18	1		1140	0 PPM	
12			SAND, fine / med. - brown w/ some small rnd. gravels <5%			
18			SILT fine - SAND, lt. olive green / dk. olive green			
24	4475.19	2		1140	0 PPM	
30						
36						

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000284

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B151

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 5-11-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Wood Debris			
6			SILTY SAND, fine - brown			
	4475.20	1		1158	0 PPM	
12						
18			SILTY SAND, fine - olive green			
24	4475.21	2		1158	0 PPM	
30						
36						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B152

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 5-11-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Wood Debris			
6	4475.22	1	SILTY SAND, fine - dk. gray / olive green	1315	0 PPM	
12						
18			SILTY SAND, fine -dk. olive green			
24	4475.23	2		1315	0 PPM	
30			SILTY SAND, fine - lt. olive green			
36						
42			SILTY SAND, fine - lt. olive green w/ some Glass			
48						
54						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B153

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 5-11-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Wood Debris			
6	4475.24	1	SILTY SAND, fine - dk. gray / olive green	1340	0 PPM	
12						
18			SILTY SAND, fine -dk. olive green			
24	4475.25	2		1340	0 PPM	
30			SILTY SAND, fine - lt. olive green			
36						
42			SILTY SAND, fine - lt. olive green w/ some Glass			
48						
54						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B154

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 5-11-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Wood Debris			
6	4475.26	1	SILTY SAND, fine - gray / olive green	1400	0 PPM	
12						
18						
24	4475.27	2		1400	0 PPM	
30						
36						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B155

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 5-11-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Wood Debris			
6	4475.28	1	SAND, med. / fine - lt. brown w/ some broken rnd. gravels	1418	0 PPM	
12			SAND, med. / fine - dk. gray			
18			SILTY SAND, fine - olive green w/ some ang. gravels and rnd. gravels			
24	4475.29	2		1418	0 PPM	
30						
36						
42						
48						
54						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B156

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 5-11-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			SAND, med. / fine - lt. brown w/ some small rnd. gravels			
6	4475.30	1	SILTY SAND, fine - lt. olive green NATIVE MATERIAL	1440	0 PPM	
12						
18						
24	4475.31	2		1440	0 PPM	
30						
36						
42						
48						
54						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B157

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 5-11-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Material			
			SILTY SAND, fine - brown			
6	4475.32	1		1500	0 PPM	
12						
18						
24	4475.33	2		1500	0 PPM	
30						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B158

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 5-14-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Wood Mulch Material			
6			SILTY SAND, fine - brown			
	4485.02	1		0940	0 PPM	
12						
18			SAND, fine - olive green / brown			
24	4485.03	2		0940	0 PPM	
30						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B159

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 5-14-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Wood Mulch Material			
6	4485.04	1	SILTY SAND, fine - brown / olive green / tan	0958	0 PPM	
12						
18						
24	4485.05	2		0958	0 PPM	
30						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B160

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 5-14-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Wood Mulch Material			
6	4485.06	1	SILTY SAND, fine - olive green	1020	0 PPM	
12						
18						
24	4485.07	2	SILTY SAND, fine - olive green	1020	0 PPM	
30						
36						
42						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B161

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 5-14-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Wood Mulch Material			
6	4485.08	1	SILTY SAND, fine - lt. gray/ dk. gray	1042	0 PPM	
12						
18						
24	4485.09	2		1042	0 PPM	
30						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B162

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 5-14-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Wood Mulch Material			
			SILTY SAND, fine - w/ some small rnd. gravels			
6	4485.10	1		1100	0 PPM	
12						
18						
24	4485.11	2		1100	0 PPM	
			SILTY SAND, fine - lt. brown w/ <3%small rnd. gravels			
30						
36						
42						
48						
54						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B163

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 5-14-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Wood Mulch Material			
6	4485.12	1	SILTY SAND, fine - lt. brown / brown	1140	0 PPM	
18			SILTY SAND, fine - lt. olive green			
24	4485.13	2		1140	0 PPM	
30			CINDER Material			
			LOAMY SILTY SAND, fine - olive green / orange NATIVE APPEARANCE			
36						
42						
48						
54						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B164

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 5-14-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Material			
6			SILTY SAND, fine - brown			
	4485.14	1		1200	0 PPM	
12						
18						
24	4485.15	2		1200	0 PPM	
30						

09-24-1999 X:\MTECH5\M2\M2-B164.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B165

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 5-14-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Wood Mulch Material			
6	4485.16	1	SILTY SAND, fine - brown	1300	0 PPM	
12						
18			SANDY SILT, olive green / orange			
24	4485.17	2		1300	0 PPM	
30						

09-24-1999 X:\MTECH5\M2\M2-B165.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B166

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 5-14-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Wood Mulch Material			
6			SANDY SILT, med. / fine - olive green / lt. brown			
	4485.18	1		1320	0 PPM	
12						
18						
24	4485.19	2		1320	0 PPM	
30						

09-24-1999 X:\MTECH5\M2\M2-B166.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B167

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 5-14-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Wood Mulch Material & Quartz Packed Gravels			
6	4485.20	1	SILTY SAND, fine - lt. brown / gray	1340	0 PPM	
12						
18						
24	4485.21	2	SAND, fine - lt. gray	1340	0 PPM	
30			SAND, fine - lt. olive green			
36						
42						
48						
54						

09-24-1999 X:\MTECH5\M2\M2-B167.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B168

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 5-14-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Wood Mulch Material			
6			SAND, fine - lt. gray/ brown			
	4485.22	1		1400	0 PPM	
12						
18						
24	4485.23	2		1400	0 PPM	
30						
36						
42						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B169

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 5-14-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Wood Mulch Material			
6	4485.24	1	SAND, fine - lt. gray/ brown	1415	0 PPM	
12						
18						
24	4485.25	2		1415	0 PPM	
30						
36						
42						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B170

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 5-14-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Material			
6			SILTY SAND, fine - lt. brown w/ some small rnd. gravels			
	4485.26	1		1440	0 PPM	
12						
18						
24	4485.27	2		1440	0 PPM	
30			SILTY SAND, fine - w/ some Clay olive green			
36						
42						
48						
54						

09-24-1999 X:\MTECH5\M2\M2-B170.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B171

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 5-17-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Material			
6			SANDY SILT, fine - brown			
	4491.02	1		1000	0 PPM	
12						
18			SILTY SAND, fine - brown			
24	4491.03	2		1000	0 PPM	
30						

09-24-1999 X:\MTECH5\M2\M2-B171.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B172

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 5-17-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Material			
6	4491.04	1	SANDY SILT, fine - brown	1015	0 PPM	
12						
18			SILTY SAND, fine - brown			
24	4491.05	2		1015	0 PPM	
30						

09-24-1999 X:\MTECH5\M2\M2-B172.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B173

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 5-17-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Material			
6	4491.06	1	SANDY SILT, fine - brown	1030	0 PPM	
12						
18			SANDY SILT, fine - lt. olive green / brown			
24	4491.07	2		1030	0 PPM	
30						

09-24-1999 X:\MTECH5\M2\M2-B173.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B174

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 5-17-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Material			
6	4491.08	1	SANDY SILT, fine - brown	1045	0 PPM	
12						
18			SANDY SILT, fine - lt. olive green / brown			
24	4491.09	2		1045	0 PPM	
30						

09-24-1999 X:\MTECH5\M2\M2-B174.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B175

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 5-17-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Material			
			SANDY SILT, fine - brown			
6	4491.10	1		1100	0 PPM	
12						
18			SANDY SILT, fine - lt. olive green / brown			
24	4491.11	2		1100	0 PPM	
30						

09-24-1999 X:\MTECH5\M2\M2-B175.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B176

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 5-17-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Material			
			SANDY SILT, fine - brown			
6						
	4491.12	1		1120	0 PPM	
12						
18						
			SANDY SILT, fine - lt. olive green / brown			
24	4491.13	2		1120	0 PPM	
30						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B177

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 5-17-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Material			
			SANDY SILT, fine - brown			
6	4491.14	1		1140	0 PPM	
12						
18						
24	4491.15	2		1140	0 PPM	
30						

09-24-1999 X:\MTECH5\M2\M2-B177.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B178

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 5-17-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Material			
			SILTY SAND, fine - ang. gravels small lt. brown			
6						
	4491.16	1	SILTY SAND, fine - brown	1310	0 PPM	
12						
18			SAND, fine - lt. brown / lt. olive green			
24	4491.17	2		1310	0 PPM	
30						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B179

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 5-17-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Material			
			SAND, w/ some SILT brown / lt. olive green w/ some plastic material			
6	4491.18	1		1320	0 PPM	
12						
18						
24	4491.19	2		1320	0 PPM	
30						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B180

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 5-17-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Material			
6			SILTY SAND, fine - brown			
	4491.20	1		1345	0 PPM	
12			SAND, fine - w/ some SILT olive green / orange Native Appearance			
18						
24	4491.21	2		1345	0 PPM	
30						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B181

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 5-17-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Material			
6			SILTY SAND, fine - brown			
	4491.22	1		1400	0 PPM	
12			SAND, fine - w/ some SILT olive green / orange Native Appearance			
18						
24	4491.23	2		1400	0 PPM	
30						

09-24-1999 X:\MTECH5\M2\M2-B181.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B182

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 5-17-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Material			
			SANDY SILT, fine - lt. brown Native Appearance			
6	4491.24	1		1430	0 PPM	
12						
18						
24	4491.25	2		1430	0 PPM	
30						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B183

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 5-17-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Material			
			SANDY SILT, fine - lt. brown Native Appearance			
6						
	4491.26	1		1445	0 PPM	
12						
18						
24	4491.27	2		1445	0 PPM	
30						

09-24-1999 X:\MTECH5\M2\M2-B183.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B184

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 5-17-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Material			
			SANDY SILT, fine - lt. brown Native Appearance			
6	4491.28	1		1500	0 PPM	
12						
18						
24	4491.29	2		1500	0 PPM	
30						

09-24-1999 X:\MTECH5\M2\M2-B184.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B185

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 5-18-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Material			
6			SAND, fine / med. - brown / gray w/ some small rnd. gravels and CINDERS			
	4494.02	1		0920	0 PPM	
12						
18						
24	4494.03	2		0920	0 PPM	
30						

09-24-1999 X:\MTECH5\M2\M2-B185.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B186

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 5-18-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Material			
6			SILTY SAND, fine - brown			
	4494.04	1		0940	0 PPM	
12						
18			SAND, med. / fine - gray / brown and CINDERS			
24	4494.05	2		0940	0 PPM	
30						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B187

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 5-18-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Material			
6	4494.06	1	SILTY SAND, fine - brown	0954	0 PPM	
12						
18			SAND, med. / fine - gray / brown and CINDERS			
24	4494.07	2		0954	0 PPM	
30						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B188

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 5-18-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Material			
6			SILTY SAND, fine - brown / gray			
	4494.08	1		1005	0 PPM	
12			SAND, med. / fine - gray / brown and CINDERS			
18						
24	4494.09	2		1005	0 PPM	
30						

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000322

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B189

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 5-18-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Material			
			SAND, fine - w/ some SILT brown <2% small rnd. gravels			
6	4494.10	1		1030	0 PPM	
12						
18						
24	4494.11	2		1030	0 PPM	
30						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B190

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 5-18-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Material			
			SAND, fine - w/ some SILT brown <2% small rnd. gravels			
6	4494.12	1		1049	0 PPM	
12						
18						
24	4494.13	2		1049	0 PPM	
30						

09-24-1999 X:\MTECH5\M2\M2-B190.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B191

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 5-18-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Material			
			SAND, fine - w/ some SILT brown <2% small rnd. gravels			
6	4494.14	1		1100	0 PPM	
12						
18						
24	4494.15	2		1100	0 PPM	
30						

09-24-1999 X:\MTECH5\M2\M2-B191.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B192

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 5-18-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Material			
			SAND, fine - (Loose) brown w/ some small rnd. gravels			
6	4494.16	1		1125	0 PPM	
12						
18						
24	4494.17	2		1125	0 PPM	
30						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B193

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 5-18-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Material			
6			SILTY SAND, fine - brown / gray w/ some Quartz packed gravels 8-10"			
	4494.18	1		1140	0 PPM	
12						
18						
24	4494.19	2		1140	0 PPM	
30						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B194

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 5-18-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Material			
6			SILTY SAND, fine - brown / gray w/ some Quartz packed gravels 8-10"			
	4494.20	1		1155	0 PPM	
12						
18						
24	4494.21	2		1155	0 PPM	
30						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B195

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 6-01-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Material			
			SAND, fine - w/ some SILT brown			
6						
	4527.02	1		1040	0 PPM	
12						
			SAND, med. / fine - lt. olive green / orange w/ some small ang. gravels			
18						
24	4527.03	2		1040	0 PPM	
30						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B196

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 6-01-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Material (Grass)			
			SAND, med. / fine - w/ 30% small / medium - rnd. gravels tan / brown			
6	4527.04	1		1055	0 PPM	
12						
18						
24	4527.05	2		1055	0 PPM	
30						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B197

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 6-01-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Material (Grass)			
			SILTY SAND, fine - brown w/ medium - Quartz packed gravels			
6	4527.06	1		1110	0 PPM	
12						
			SAND, med. / fine - w/ some small rnd. gravels tan / brown			
18						
24	4527.07	2		1110	0 PPM	
30						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B198

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 6-01-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Material (Grass)			
			SILTY SAND, fine - brown w/ some small rnd, sub ang. gravels			
6	4527.08	1		1135	0 PPM	
12						
18			SILTY SAND, fine - dk. olive green / brown dk. gray w/ some coal fragments and some small rnd, sub ang. gravels			
24	4527.09	2		1135	0 PPM	
30						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B199

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 6-01-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Material (Grass)			
6	4527.10	1	SILTY SAND, fine - brown	1150	0 PPM	
12						
18			SAND, fine - w/ some SILT black / dk. gray / brown			
24	4527.11	2		1150	0 PPM	
30						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B200

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 6-01-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Material (Grass)			
6			SILTY SAND, fine - Clay dk. brown / olive green			
	4527.12	1		1315	0 PPM	
12						
18						
			SILTY CLAY, Loam olive green / orange brown WET Native Appearance			
24	4527.13	2		1315	0 PPM	
30						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B201

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 6-01-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Material (Roots)			
			SAND, fine - tan/ brown			
6						
	4527.14	1		1340	0 PPM	
12						
18			SANDY SILT, brown / olive green Native Appearance			
24	4527.15	2		1340	0 PPM	
30						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B202

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 6-01-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Material (Roots)			
6			SAND, fine - w/ some SILT brown			
	4527.16	1		1400	0 PPM	
12						
18			SILTY SAND, fine - dk. brown Native Appearance			
24	4527.17	2		1400	0 PPM	
30						

09-24-1999 X:\MTECH5\M2\M2-B202.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B203

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 6-01-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Material (Roots)			
			SILTY SAND, fine - brown			
6	4527.18	1		1425	0 PPM	
12						
18			SILTY SAND, fine - w/ some CINDERS dk. brown Native Appearance			
24	4527.19	2		1425	0 PPM	
30						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B204

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 6-02-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Material (Roots)			
6			SAND, fine - brown			
	4530.02	1		0915	0 PPM	
12						
			SAND, fine - lt. brown / tan w/ some small rnd. gravels			
18						
24	4530.03	2		0915	0 PPM	
30						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B205

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 6-02-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Material (Roots)			
			SAND, fine - brown			
6	4530.04	1		0935	0 PPM	
12						
			SAND, fine - lt. brown / tan w/ some small rnd. gravels			
18						
24	4530.05	2		0935	0 PPM	
30						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B206

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 6-02-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Material (Roots)			
6			SAND, med. / fine - tan / orange w/ some small rnd. gravels NATIVE SOILS APPEARANCE			
	4530.06	1		1020	0 PPM	
12						
18						
24	4530.07	2		1020	0 PPM	
30						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B207

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 6-02-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Material (Roots)			
			SAND, med. / fine - tan / orange NATIVE SOILS APPEARANCE			
6	4530.08	1		1040	0 PPM	
12						
18						
24	4530.09	2		1040	0 PPM	
30						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B208

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 6-02-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Material (Roots)			
			SANDY SILT, fine - brown w/ some small rnd. gravels NATIVE SOILS APPEARANCE			
6	4530.10	1		1100	0 PPM	
12						
18						
24	4530.11	2		1100	0 PPM	
30						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B209

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 6-02-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Material (Roots)			
			SANDY SILT, fine - brown w/ some small rnd. gravels NATIVE SOILS APPEARANCE			
6	4530.12	1		1120	0 PPM	
12						
18						
24	4530.13	2		1120	0 PPM	
30						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B210

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 6-02-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Material (Roots)			
6	4530.14	1	SANDY SILT, fine - dk. brown w/ some small rnd. gravels	1140	0 PPM	
12						
18						
24	4530.15	2	SAND, med. / fine - tan w/ some small rnd. gravels NATIVE SOILS APPEARANCE	1140	0 PPM	
30						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B211

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 6-02-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Material (Roots)			
6	4530.16	1	SANDY SILT, fine - dk. brown	1154	0 PPM	
12						
18			SILTY SAND, fine - dk. brown / olive green / orange NATIVE SOILS APPEARANCE			
24	4530.17	2		1154	0 PPM	
30						

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APPENDIX F

Compliance Average Area Names

Appendix F
Compliance Average Area Names
M-2 Landfill
Fort Monmouth, New Jersey

Compliance Area Name:	AREA SVOC-1	Boring ID
		B35
		B36
		B41
		B42
		B47
		B48
		B55
		B73
		B74
		B75
		B76
		B77
		B78
		B79
		B80
		B81
		B82
		B84
		B85
		B86
		B91
		B96

Compliance Area Name:	AREA SVOC-2	Boring ID
		B21
		B121
		B122
		B128
		B129
		B130
		B132
		B136
		B137
		B138
		B139
		B140
		B143
		B144
		B145
		B146
		B147
		B151
		B152
		B158

Compliance Area Name:	AREA PESTPCB-1	Boring ID
		B4
		B5
		B34
		B35

B36
B40
B41
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B61
B65
B186
B190
B191

Compliance Area Name: AREA PESTPCB-2 Boring ID

B120
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B129
B136
B137
B138
B142A
B143
B144
B145
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B147
B151
B152
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B155
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B161
B162
B165
B166
B172
B178

Compliance Area Name: AREA METALS-1 Boring ID

B4

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